

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010424\
 Data File : BP019271.D
 Acq On : 04 Jan 2024 19:22
 Operator : MA/JU
 Sample : 05951-19
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 GCF83

Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Filtering: 5

Sampling : 1

Min Area: 0.1 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP122723.MA.M
 Title : SVOA CALIBRATION

Signal : TIC: BP019271.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.234	21	25	31	rVB	25042	32795	0.70%	0.048%
2	3.658	94	97	111	rBV	169485	270808	5.79%	0.395%
3	4.687	267	272	279	rBV6	10529	28775	0.62%	0.042%
4	5.146	345	350	357	rBV	32587	53106	1.14%	0.077%
5	5.423	390	397	407	rVB2	34652	69050	1.48%	0.101%
6	5.887	466	476	484	rBV3	29069	68640	1.47%	0.100%
7	6.305	542	547	556	rVB	100666	156085	3.34%	0.228%
8	6.470	570	575	584	rVB	22134	40555	0.87%	0.059%
9	6.822	630	635	642	rBV6	12353	29871	0.64%	0.044%
10	6.987	657	663	674	rVB	469196	727841	15.56%	1.062%
11	7.093	674	681	684	rVV	144900	225555	4.82%	0.329%
12	7.134	684	688	699	rVB	341268	528946	11.31%	0.772%
13	7.334	715	722	728	rBV	448837	712220	15.23%	1.039%
14	7.793	793	800	812	rBV	638532	1026188	21.94%	1.497%
15	8.011	828	837	843	rBV10	13068	39025	0.83%	0.057%
16	8.458	908	913	918	rVB	57000	86319	1.85%	0.126%
17	8.528	918	925	938	rBV	545168	890869	19.05%	1.300%
18	8.963	993	999	1010	rVB	433748	706335	15.10%	1.031%
19	9.369	1063	1068	1073	rVV9	12048	26909	0.58%	0.039%
20	9.681	1113	1121	1128	rVV	381022	629413	13.46%	0.918%
21	9.905	1153	1159	1172	rVB	14920	43271	0.93%	0.063%
22	10.228	1207	1214	1232	rVV	587603	1038266	22.20%	1.515%
23	10.593	1268	1276	1283	rVB	814402	1327173	28.38%	1.936%
24	10.746	1294	1302	1314	rBV	142120	293562	6.28%	0.428%
25	10.905	1324	1329	1335	rVB6	16445	29850	0.64%	0.044%
26	10.969	1335	1340	1353	rVB3	34247	72666	1.55%	0.106%
27	11.957	1499	1508	1512	rBV3	18519	37040	0.79%	0.054%
28	12.793	1644	1650	1660	rVB	52402	86842	1.86%	0.127%
29	13.216	1716	1722	1726	rBV3	18106	27965	0.60%	0.041%
30	13.310	1733	1738	1741	rBV	95290	137995	2.95%	0.201%
31	13.381	1747	1750	1755	rVB6	18973	27842	0.60%	0.041%
32	13.440	1755	1760	1765	rVB2	34967	51124	1.09%	0.075%
33	13.575	1778	1783	1787	rBV5	35474	56228	1.20%	0.082%
34	13.610	1787	1789	1796	rVB7	18240	28807	0.62%	0.042%
35	13.699	1798	1804	1809	rBV	269355	393809	8.42%	0.575%
36	13.746	1809	1812	1820	rVB2	99652	154476	3.30%	0.225%

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Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP122723.MA.M
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37	13.857	1822	1831	1839	rBV	1051690	1508692	32.26%	2.201%
38	13.951	1843	1847	1852	rVB2	55537	84389	1.80%	0.123%
39	14.134	1871	1878	1885	rBV	1241793	1827739	39.08%	2.667%
40	14.257	1895	1899	1905	rBV5	30781	53601	1.15%	0.078%
41	14.328	1905	1911	1916	rVB3	59267	97682	2.09%	0.143%
42	14.440	1924	1930	1937	rBV	1219974	1843127	39.41%	2.689%
43	14.504	1937	1941	1952	rVB10	23264	49837	1.07%	0.073%
44	14.693	1967	1973	1983	rVV	436518	756550	16.18%	1.104%
45	14.828	1992	1996	1999	rBV	45718	63673	1.36%	0.093%
46	14.922	2010	2012	2016	rVB2	29100	33988	0.73%	0.050%
47	14.993	2017	2024	2030	rVB5	26326	55701	1.19%	0.081%
48	15.051	2030	2034	2038	rBV6	20631	37437	0.80%	0.055%
49	15.440	2093	2100	2108	rVB	1641570	2360878	50.48%	3.445%
50	15.575	2117	2123	2133	rBV	285533	448829	9.60%	0.655%
51	15.675	2136	2140	2144	rVV6	33658	58842	1.26%	0.086%
52	15.722	2144	2148	2157	rVB	296138	423710	9.06%	0.618%
53	15.828	2162	2166	2175	rVB	198232	270465	5.78%	0.395%
54	15.928	2180	2183	2187	rVB2	34115	46388	0.99%	0.068%
55	16.069	2202	2207	2215	rBV4	62690	131363	2.81%	0.192%
56	16.157	2219	2222	2226	rVV5	21212	32412	0.69%	0.047%
57	16.240	2232	2236	2239	rBV5	26575	42122	0.90%	0.061%
58	16.604	2293	2298	2305	rBV	138246	214691	4.59%	0.313%
59	16.704	2312	2315	2319	rVB	24620	33449	0.72%	0.049%
60	16.857	2336	2341	2348	rBV	123459	214178	4.58%	0.313%
61	17.104	2379	2383	2389	rVB	63886	94797	2.03%	0.138%
62	17.198	2390	2399	2403	rVV	1698247	2445686	52.30%	3.569%
63	17.240	2403	2406	2410	rVV	188581	233050	4.98%	0.340%
64	17.298	2410	2416	2422	rVB	1777404	2604181	55.69%	3.800%
65	17.416	2434	2436	2440	rVB3	29650	31539	0.67%	0.046%
66	17.487	2445	2448	2453	rVB4	74849	93069	1.99%	0.136%
67	17.563	2458	2461	2463	rBV2	50226	58908	1.26%	0.086%
68	17.592	2463	2466	2474	rVB2	97244	122472	2.62%	0.179%
69	17.787	2494	2499	2504	rVB7	53607	103380	2.21%	0.151%
70	17.981	2528	2532	2538	rVB3	107861	159805	3.42%	0.233%
71	18.039	2538	2542	2546	rBV	372496	538656	11.52%	0.786%
72	18.098	2547	2552	2565	rVB	1351517	1942759	41.54%	2.835%
73	18.381	2596	2600	2603	rBV3	78134	118833	2.54%	0.173%
74	19.022	2705	2709	2712	rBV	164923	202095	4.32%	0.295%
75	19.169	2731	2734	2735	rBV	98275	94517	2.02%	0.138%
76	19.186	2735	2737	2739	rVV	140597	161903	3.46%	0.236%

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77	19.216	2739	2742	2744	rVV	241273	316080	6.76%	0.461%
78	19.251	2744	2748	2753	rVB4	384375	642604	13.74%	0.938%
79	19.334	2758	2762	2769	rVV	403716	575632	12.31%	0.840%
80	19.404	2770	2774	2779	rVB	864042	1043407	22.31%	1.522%
81	19.545	2793	2798	2803	rBV	2381167	3150728	67.37%	4.597%
82	20.039	2878	2882	2885	rBV2	196960	302067	6.46%	0.441%
83	20.233	2911	2915	2922	rVB2	419919	648268	13.86%	0.946%
84	20.398	2934	2943	2947	rBV	2839681	4201011	89.83%	6.130%
85	20.439	2947	2950	2961	rVB2	1436212	2190875	46.85%	3.197%
86	20.592	2973	2976	2981	rBV4	328918	443893	9.49%	0.648%
87	20.863	3018	3022	3024	rBV3	279049	475089	10.16%	0.693%
88	20.892	3024	3027	3035	rVB4	857283	1392175	29.77%	2.031%
89	21.010	3043	3047	3053	rVB	795921	943185	20.17%	1.376%
90	21.075	3054	3058	3061	rBV	308732	426797	9.13%	0.623%
91	21.304	3092	3097	3110	rVB	2517334	3400465	72.71%	4.962%
92	21.869	3189	3193	3196	rBV	450186	596772	12.76%	0.871%
93	21.922	3199	3202	3208	rVB	509572	685655	14.66%	1.000%
94	22.933	3370	3374	3378	rVB	629241	933288	19.96%	1.362%
95	22.986	3379	3383	3395	rVB	653682	1125254	24.06%	1.642%
96	23.522	3467	3474	3485	rVB2	1761433	3796498	81.18%	5.540%
97	23.674	3494	3500	3507	rVB	1463752	2853437	61.02%	4.163%
98	24.257	3594	3599	3608	rVB	1173128	2469216	52.80%	3.603%
99	24.357	3612	3616	3626	rVB	655021	1394511	29.82%	2.035%
100	27.010	4059	4067	4087	rVB4	1342555	4676448	100.00%	6.823%

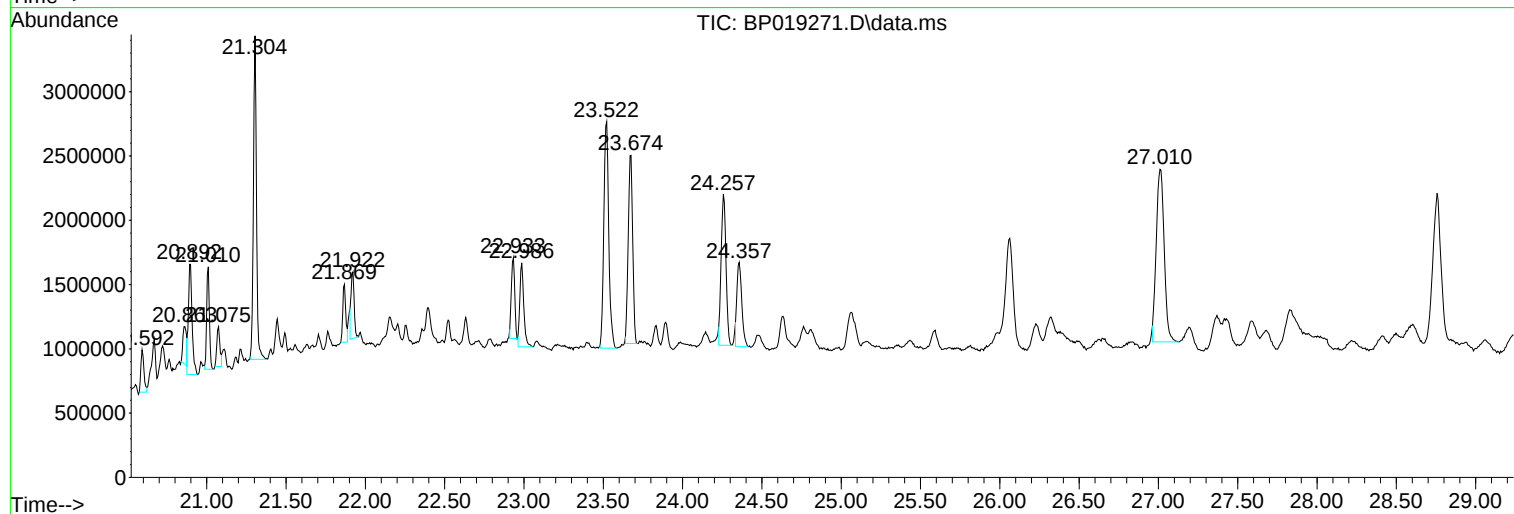
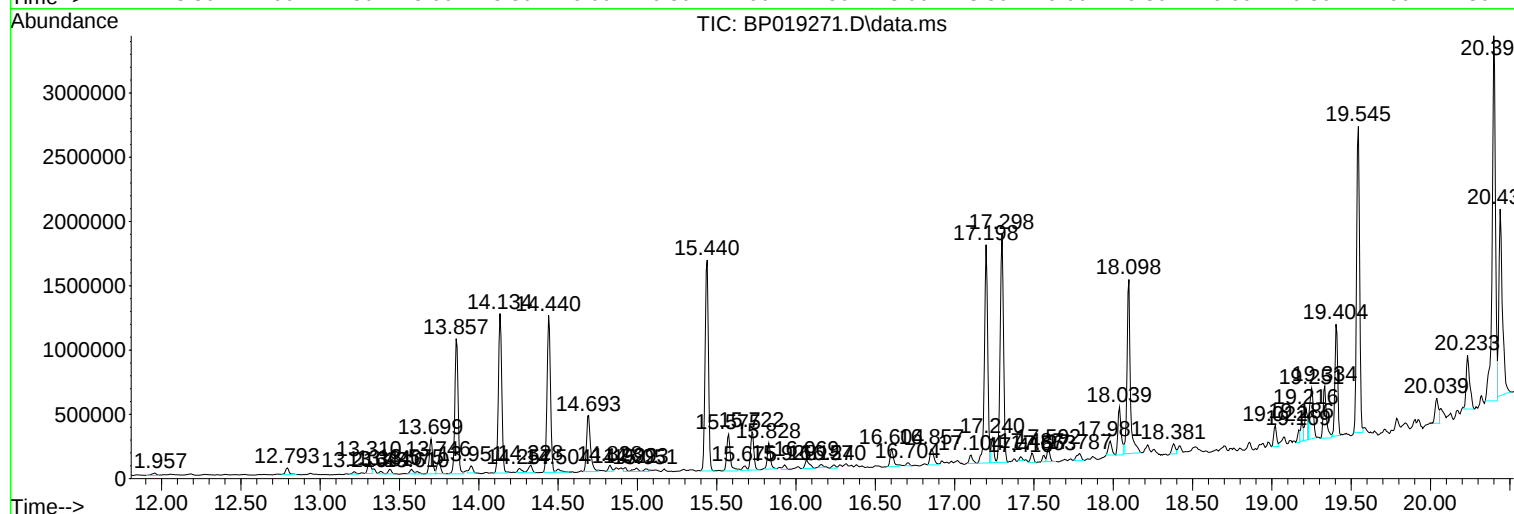
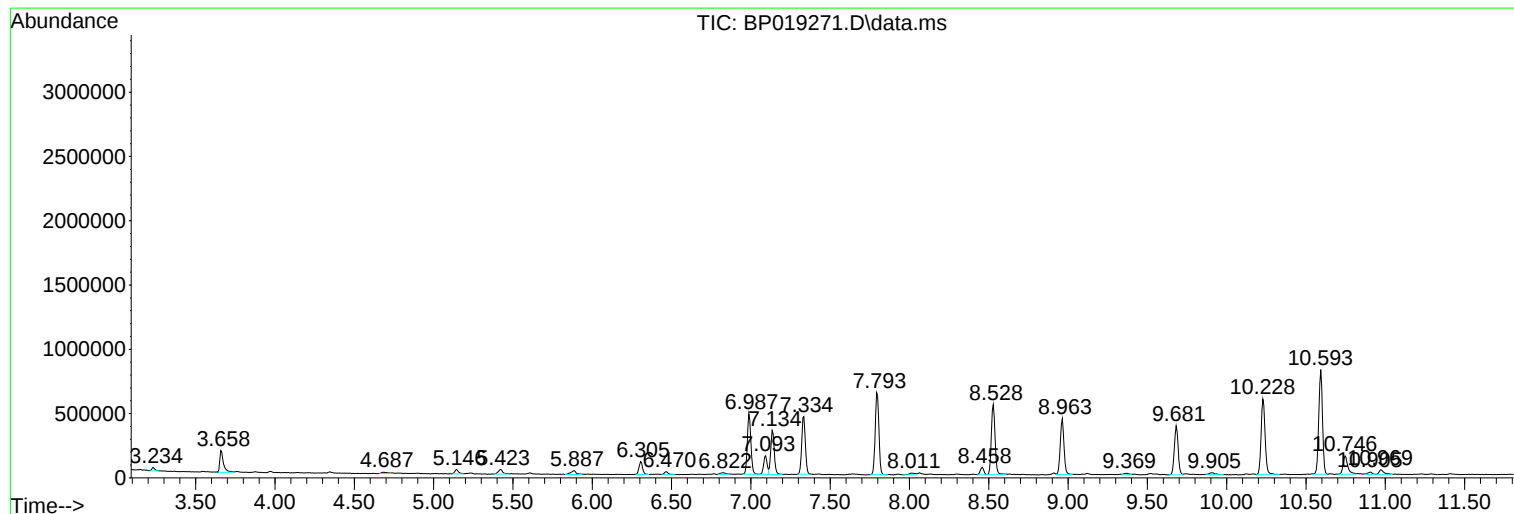
Sum of corrected areas: 68534969

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Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP122723.MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P



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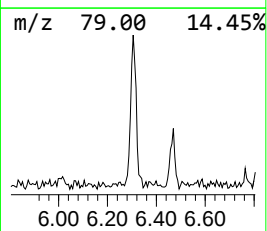
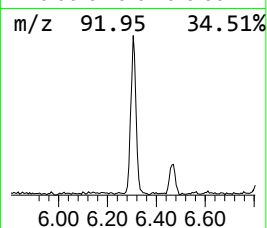
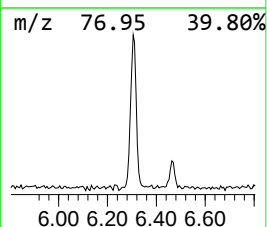
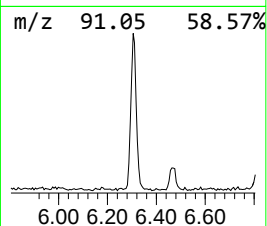
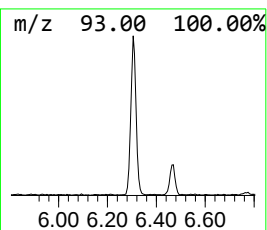
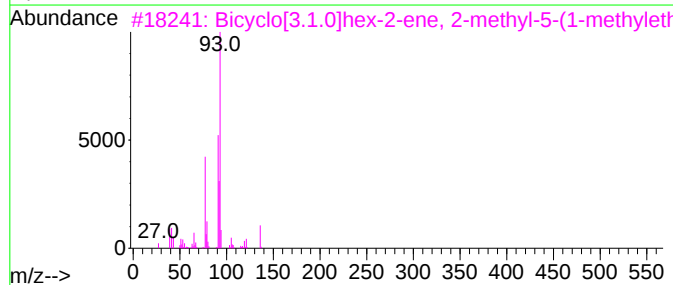
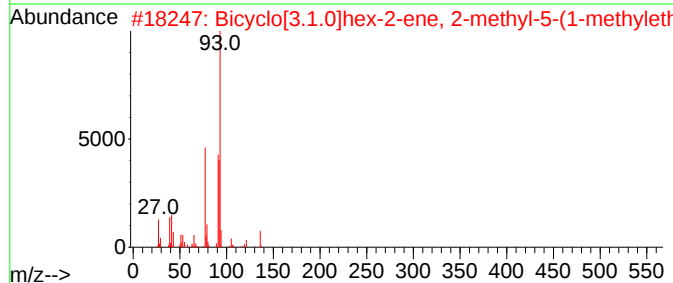
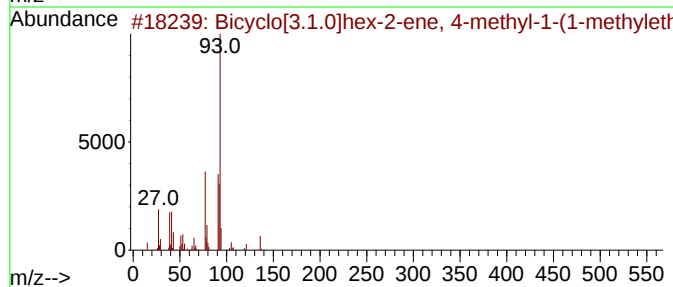
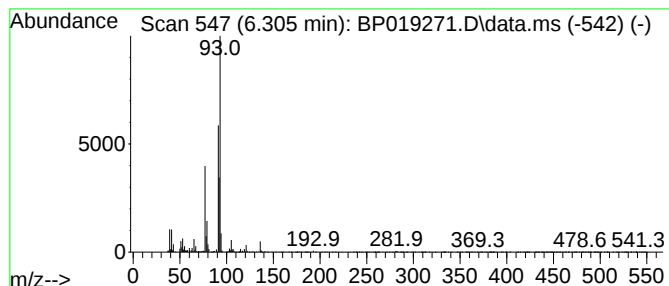
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP122723.MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Bicyclo[3.1.0]hex-2-ene, 4-... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.305	3.04 ng/ul	156085	1,4-Dichlorobenzene-d4	7.793

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Bicyclo[3.1.0]hex-2-ene, 4-methy...	136	C10H16	028634-89-1	94
2			Bicyclo[3.1.0]hex-2-ene, 2-methy...	136	C10H16	002867-05-2	91
3			Bicyclo[3.1.0]hex-2-ene, 2-methy...	136	C10H16	002867-05-2	91
4			Bicyclo[3.1.0]hex-2-ene, 2-methy...	136	C10H16	002867-05-2	90
5			.alpha.-Phellandrene	136	C10H16	000099-83-2	83



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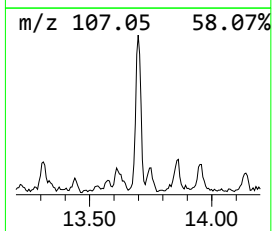
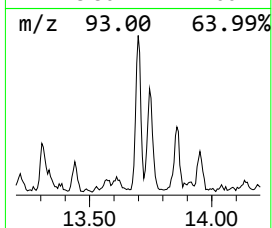
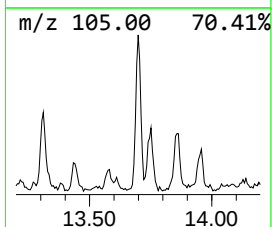
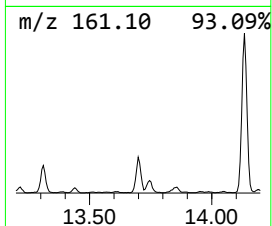
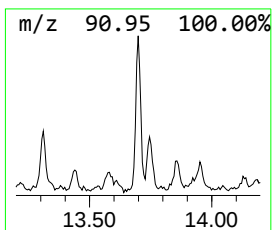
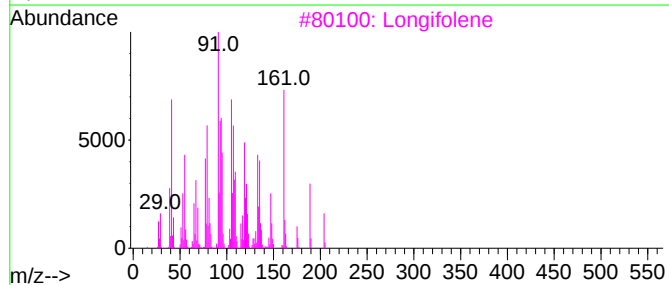
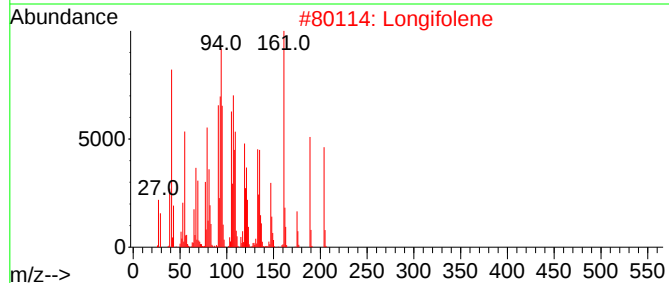
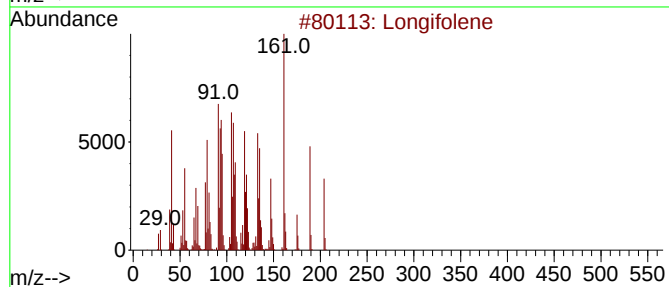
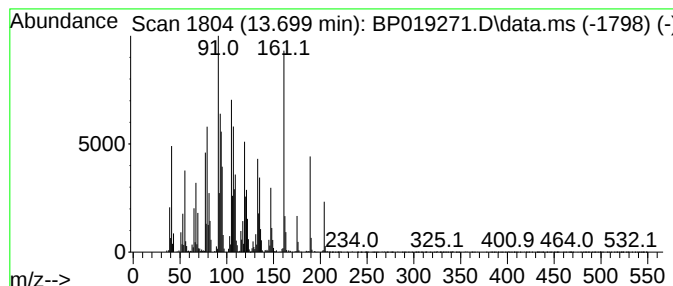
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP122723.MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Longifolene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.698	4.27 ng/ul	393809	Acenaphthene-d10	14.440

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Longifolene	204	C15H24	000475-20-7	99
2			Longifolene	204	C15H24	000475-20-7	99
3			Longifolene	204	C15H24	000475-20-7	99
4			Longifolene	204	C15H24	000475-20-7	98
5			(3R,4aS,5R)-4a,5-Dimethyl-3-(pro...	204	C15H24	024741-64-8	97



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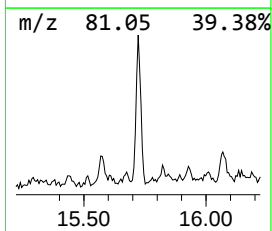
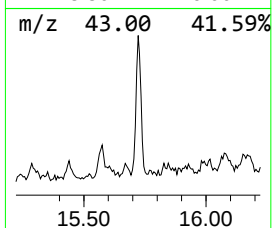
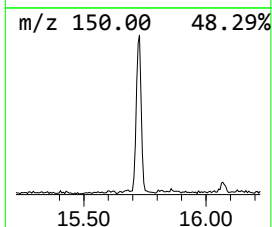
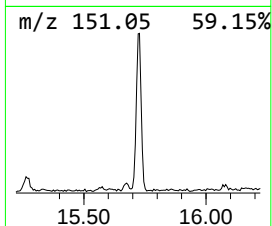
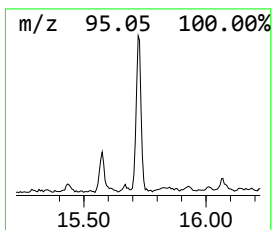
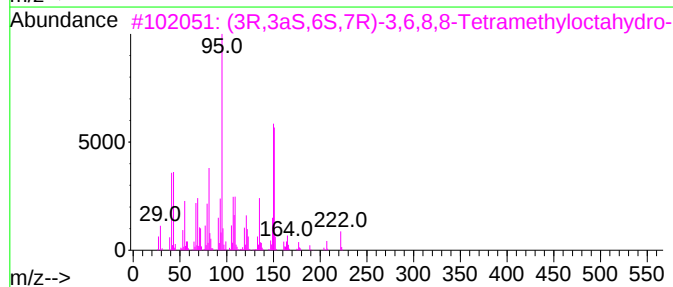
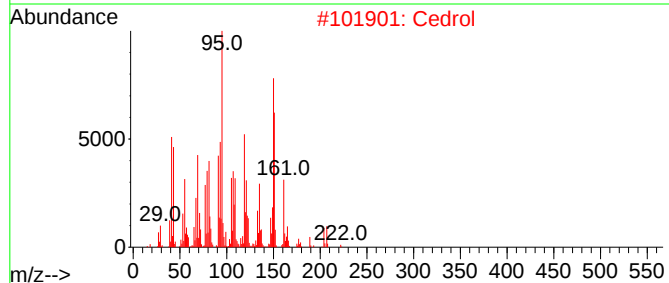
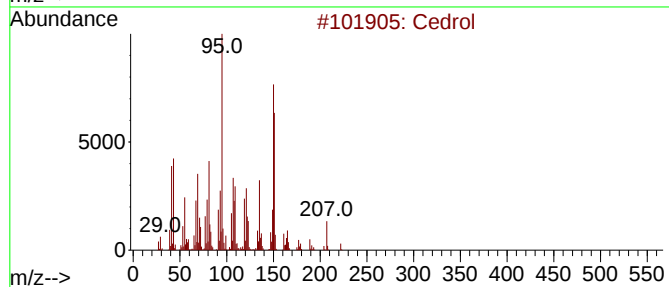
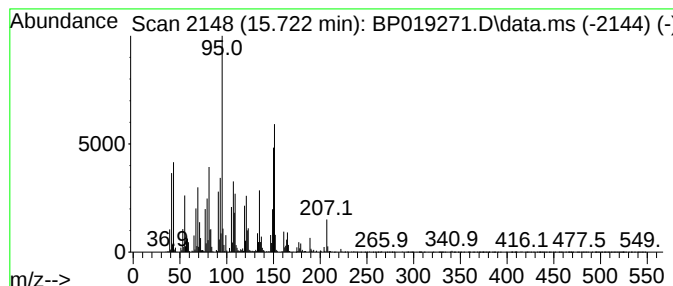
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Cedrol Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.722	4.60 ng/ul	423710	Acenaphthene-d10	14.440

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cedrol	222	C15H26O	000077-53-2	72
2			Cedrol	222	C15H26O	000077-53-2	68
3			(3R,3aS,6S,7R)-3,6,8,8-Tetrameth...	222	C15H26O	019903-73-2	59
4			Cedrol	222	C15H26O	000077-53-2	58
5			2(5H)-Furanone, 4-methyl-5,5-bis...	206	C13H18O2	099202-98-9	35



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010424\
Data File : BP019271.D
Acq On : 04 Jan 2024 19:22
Operator : MA/JU
Sample : 05951-19
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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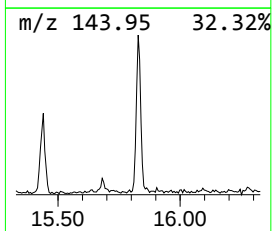
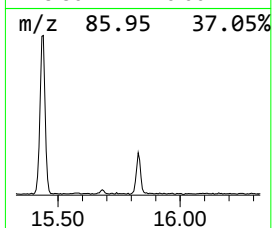
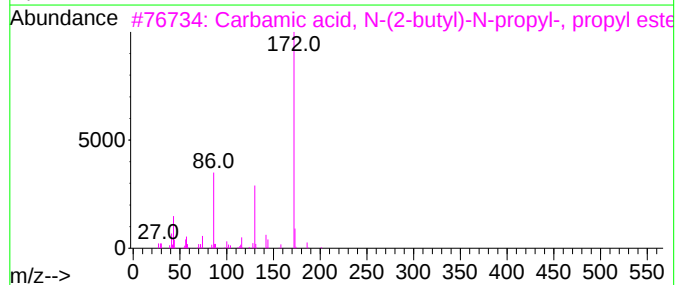
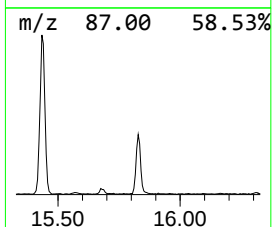
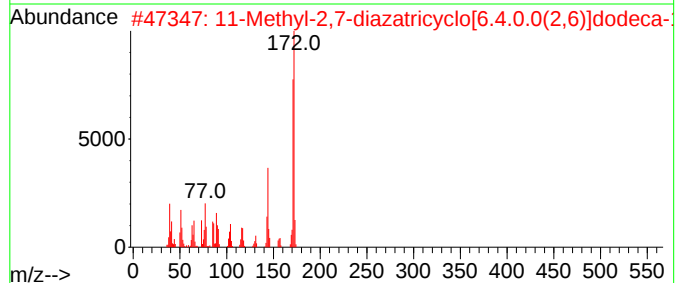
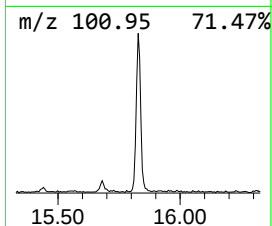
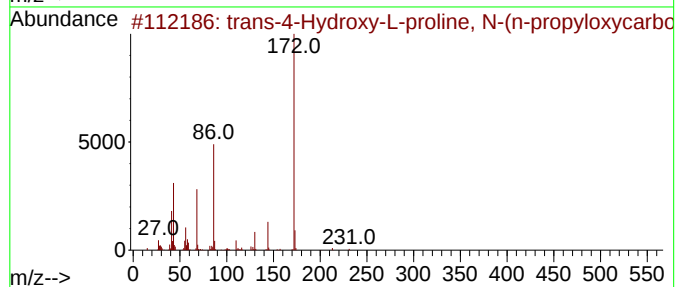
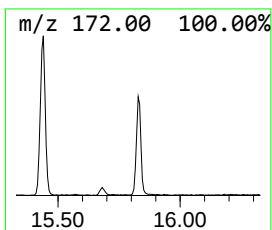
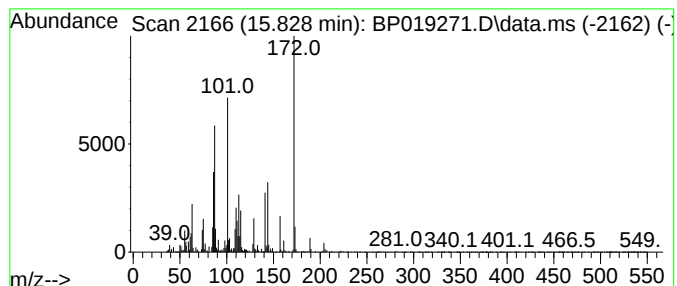
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 unknown-01 Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.828	2.21 ng/ul	270465	Phenanthrene-d10	17.198

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			trans-4-Hydroxy-L-proline, N-(n...	231	C10H17NO5	1000476-02-8	35
2			11-Methyl-2,7-diazatricyclo[6.4....	172	C11H12N2	059007-79-3	27
3			Carbamic acid, N-(2-butyl)-N-pro...	201	C11H23NO2	1000491-05-7	27
4			Pyrazine, 2-hydroxy-5-phenyl-	172	C10H8N2O	025844-72-8	27
5			2,5-Dimethyl-3-phenylfuran	172	C12H12O	019842-57-0	22



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010424\
Data File : BP019271.D
Acq On : 04 Jan 2024 19:22
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Sample : 05951-19
Misc :
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BNA_P
ClientSampleId :
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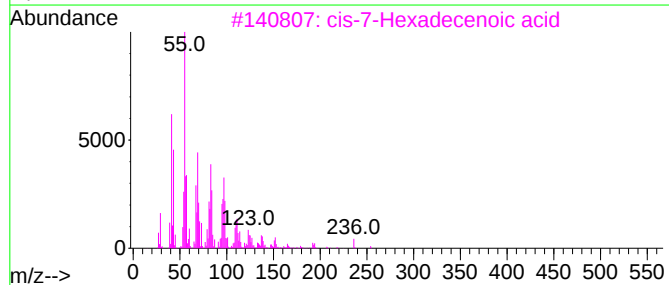
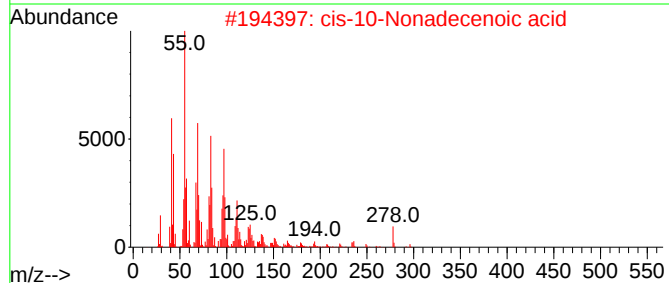
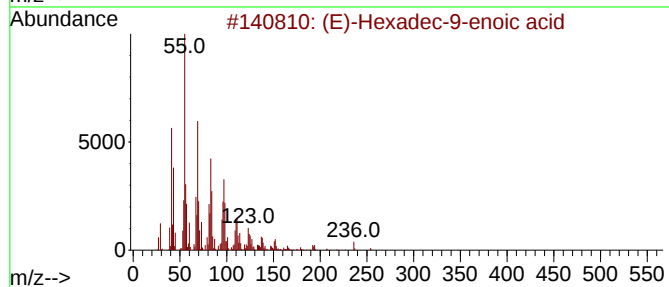
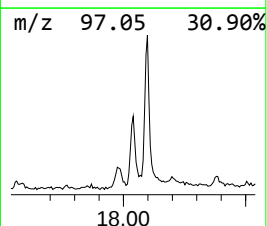
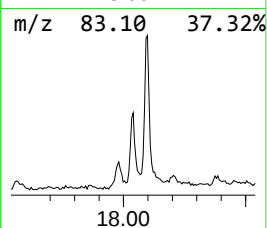
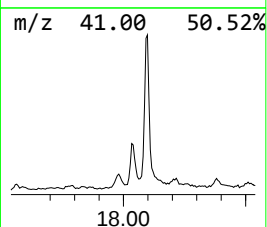
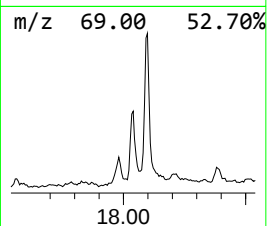
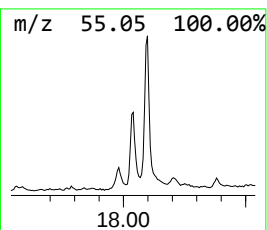
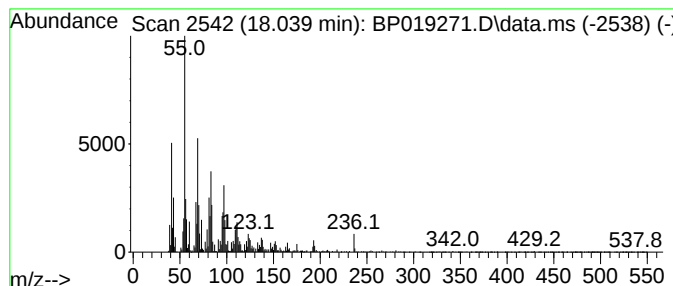
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 (E)-Hexadec-9-enoic acid Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.040	4.40 ng/ul	538656	Phenanthrene-d10	17.198

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			(E)-Hexadec-9-enoic acid	254	C16H30O2	010030-73-6	98
2			cis-10-Nonadecenoic acid	296	C19H36O2	073033-09-7	98
3			cis-7-Hexadecenoic acid	254	C16H30O2	002416-19-5	97
4			Palmitoleic acid	254	C16H30O2	000373-49-9	91
5			cis-10-Heptadecenoic acid	268	C17H32O2	029743-97-3	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010424\
Data File : BP019271.D
Acq On : 04 Jan 2024 19:22
Operator : MA/JU
Sample : 05951-19
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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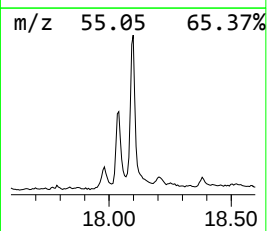
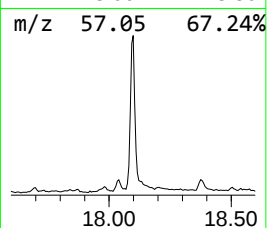
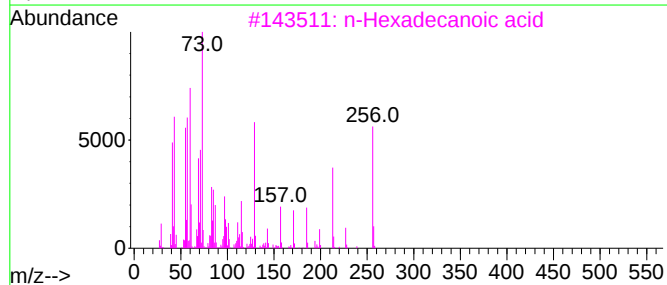
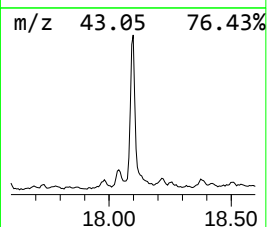
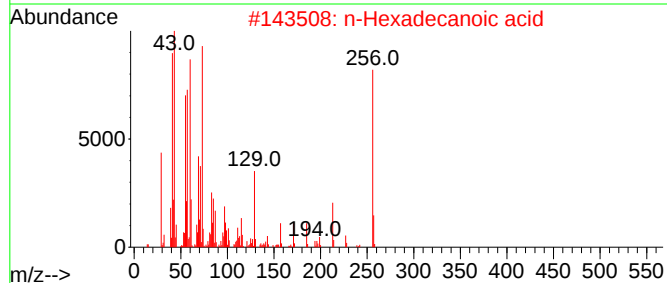
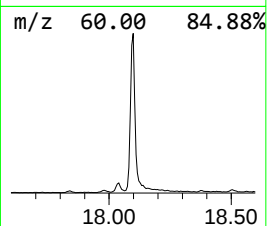
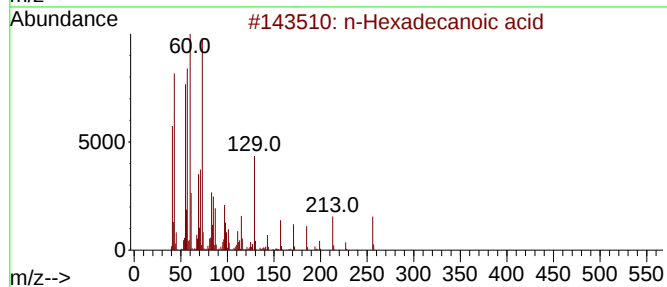
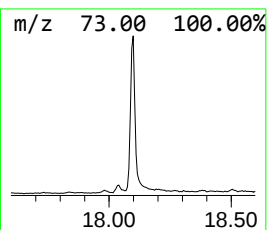
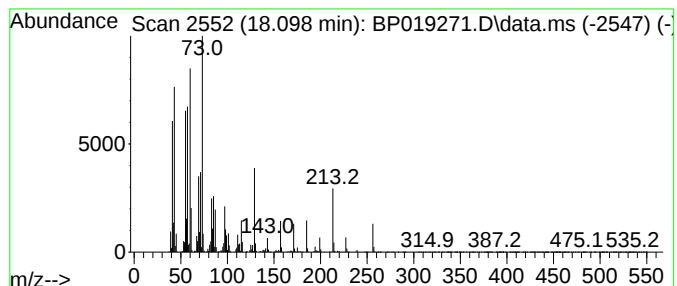
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.098	15.89 ng/ul	1942760	Phenanthrene-d10	17.198

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
3		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
4		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
5		Tridecanoic acid	214	C13H26O2	000638-53-9	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010424\
Data File : BP019271.D
Acq On : 04 Jan 2024 19:22
Operator : MA/JU
Sample : 05951-19
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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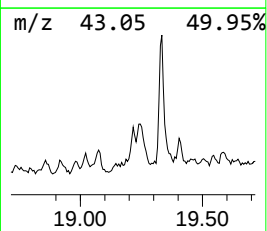
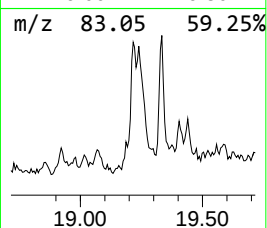
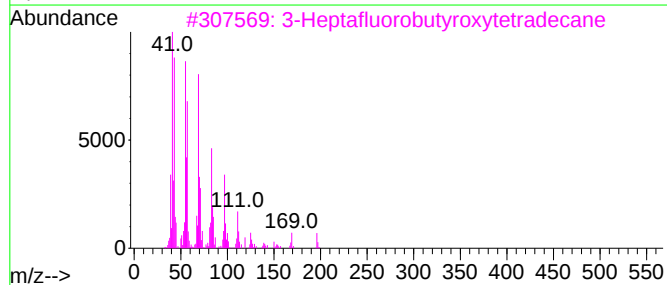
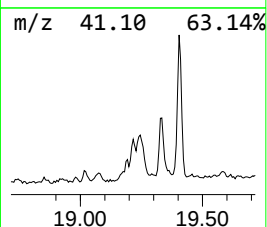
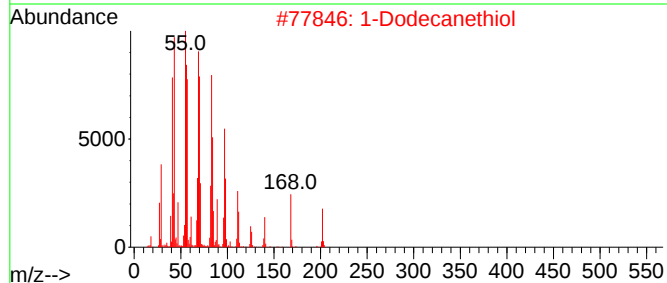
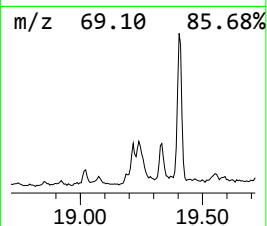
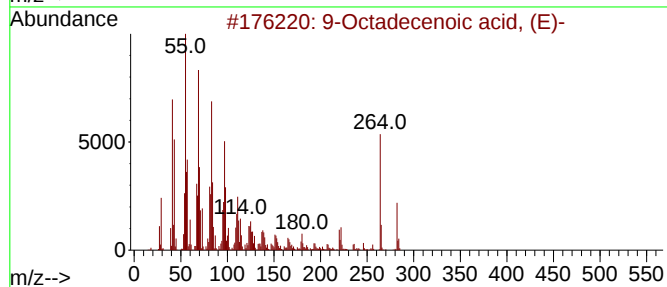
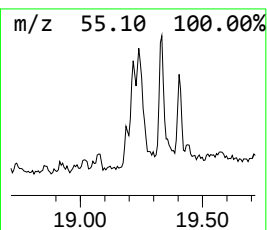
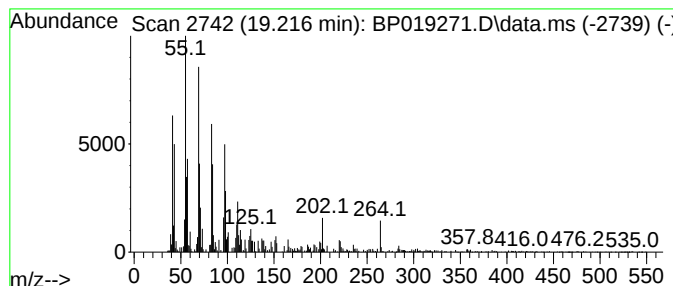
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 9-Octadecenoic acid, (E)- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.216	2.58 ng/ul	316080	Phenanthrene-d10	17.198

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9-Octadecenoic acid, (E)-	282	C18H34O2	000112-79-8	86
2			1-Dodecanethiol	202	C12H26S	000112-55-0	74
3			3-Heptafluorobutyroxytetradecane	410	C18H29F7O2	1000245-49-8	72
4			Cetene	224	C16H32	000629-73-2	68
5			9-Hexadecenoic acid	254	C16H30O2	002091-29-4	58



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010424\
Data File : BP019271.D
Acq On : 04 Jan 2024 19:22
Operator : MA/JU
Sample : 05951-19
Misc :
ALS Vial : 15 Sample Multiplier: 1

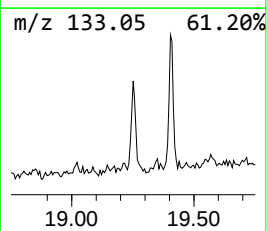
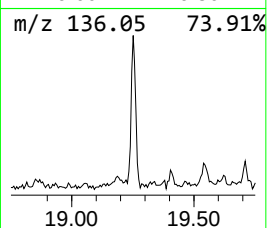
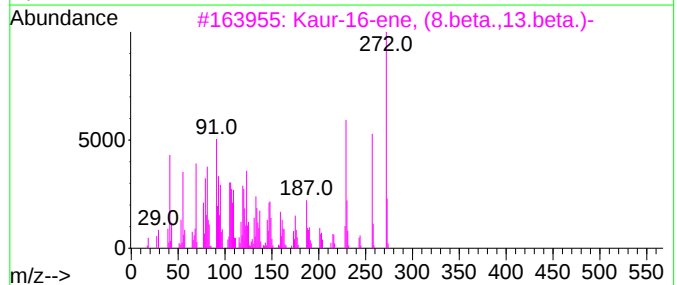
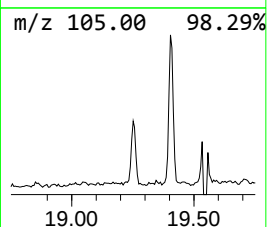
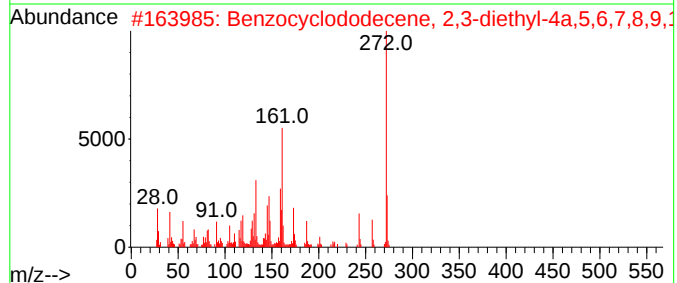
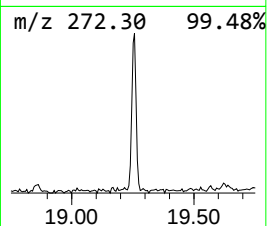
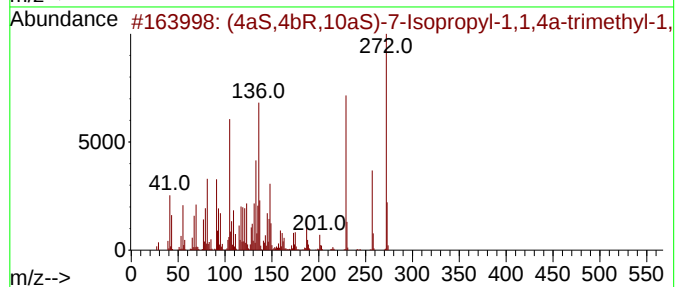
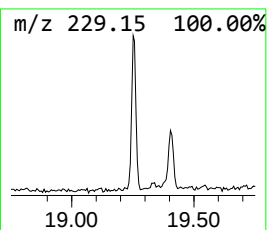
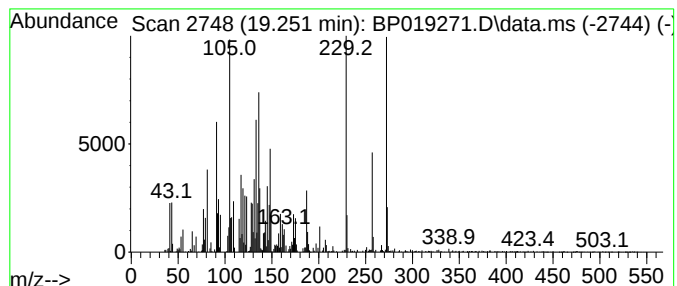
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 (4aS,4bR,10aS)-7-Isopropyl-... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.	
19.251	3.78 ng/ul	642604	Chrysene-d12	21.304	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(4aS,4bR,10aS)-7-Isopropyl-1,1,4...	272	C20H32	035241-40-8	99
2	Benzocyclododecene, 2,3-diethyl-...	272	C20H32	061141-65-9	51
3	Kaur-16-ene, (8.beta.,13.beta.)-	272	C20H32	020070-61-5	46
4	(4aS,4bS,10aS)-7-Isopropyl-1,1,4...	272	C20H32	122712-77-0	46
5	2,4-Diamino-5-[3,4-isopropyliden...	272	C14H16N4O2	063124-61-8	30



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010424\
Data File : BP019271.D
Acq On : 04 Jan 2024 19:22
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Sample : 05951-19
Misc :
ALS Vial : 15 Sample Multiplier: 1

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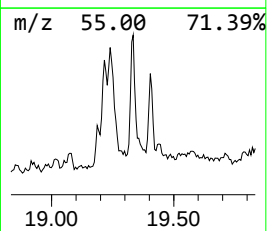
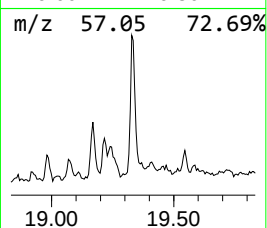
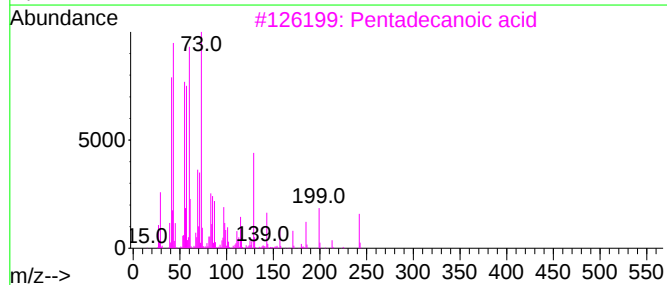
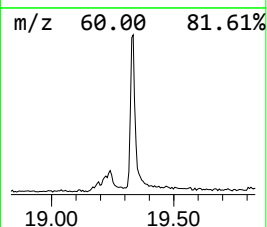
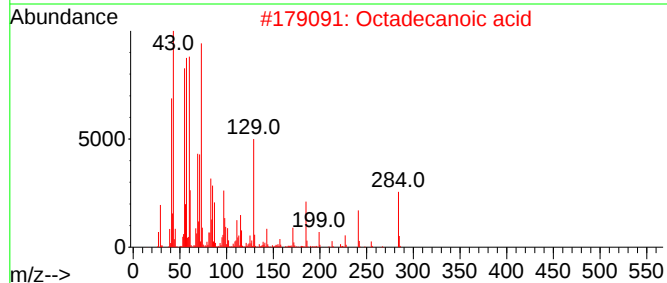
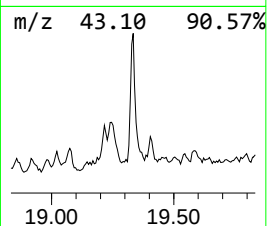
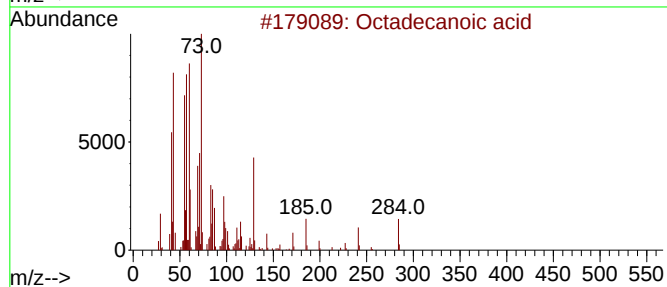
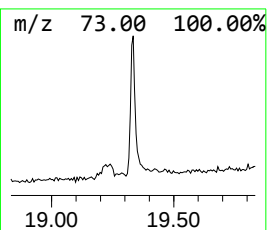
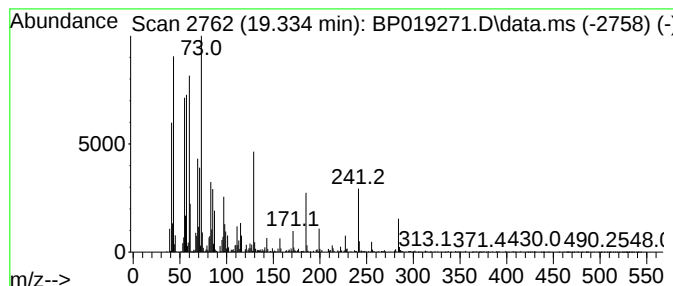
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Octadecanoic acid Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.334	3.39 ng/ul	575632	Chrysene-d12	21.304

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	99
2			Octadecanoic acid	284	C18H36O2	000057-11-4	99
3			Pentadecanoic acid	242	C15H30O2	001002-84-2	91
4			Octadecanoic acid	284	C18H36O2	000057-11-4	90
5			Tetradecanoic acid	228	C14H28O2	000544-63-8	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010424\
Data File : BP019271.D
Acq On : 04 Jan 2024 19:22
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Sample : 05951-19
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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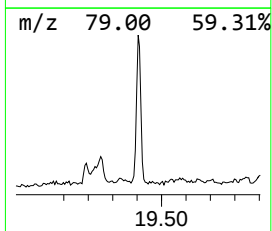
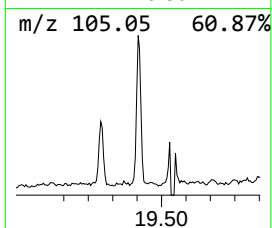
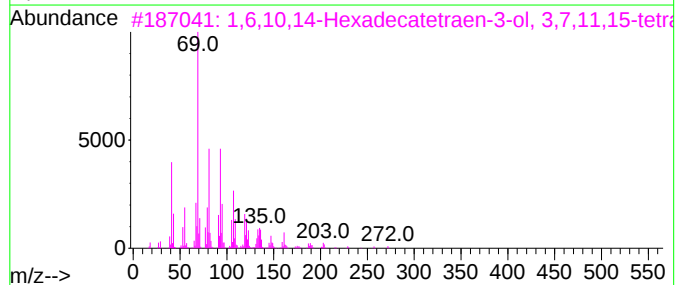
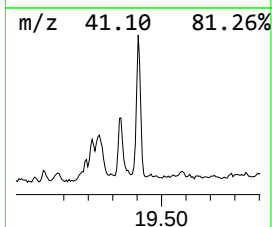
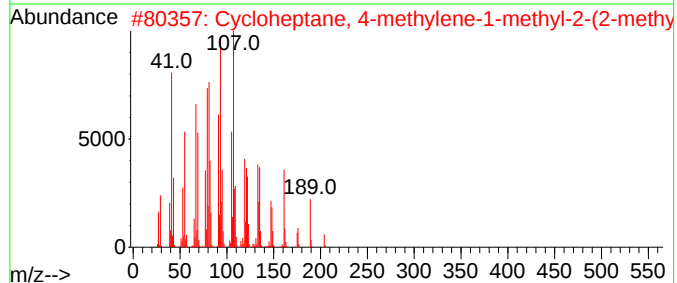
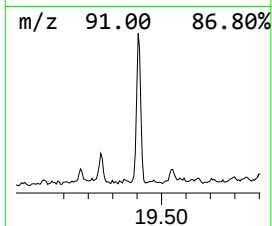
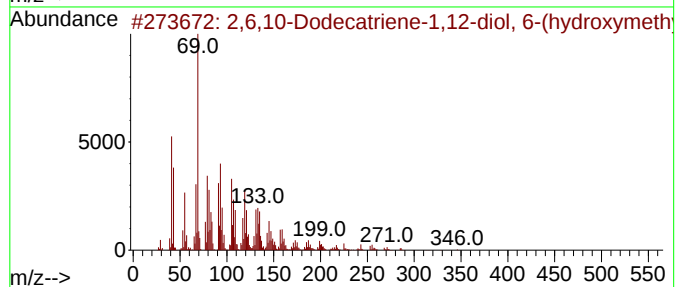
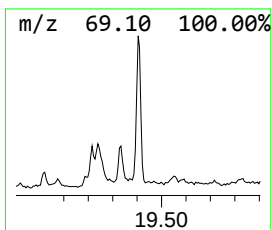
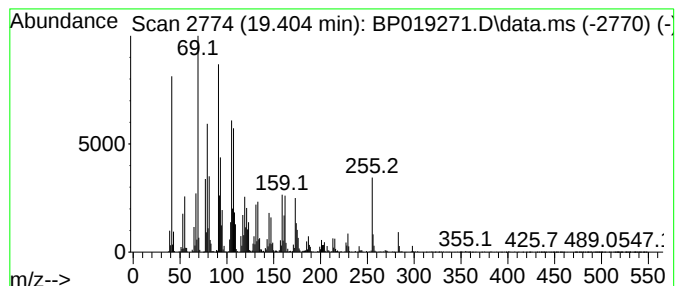
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 unknown-02 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.404	6.14 ng/ul	1043410	Chrysene-d12	21.304

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,6,10-Dodecatriene-1,12-diol, 6...	364	C22H36O4	1083197-50-5	49		
2	Cycloheptane, 4-methylene-1-meth...	204	C15H24	1010159-38-5	41		
3	1,6,10,14-Hexadecatetraen-3-ol, ...	290	C20H34O	001113-21-9	27		
4	Cyclandelate	276	C17H24O3	000456-59-7	27		
5	1,4-Methanocycloocta[d]pyridazin...	204	C13H20N2	1000221-85-9	18		



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010424\
Data File : BP019271.D
Acq On : 04 Jan 2024 19:22
Operator : MA/JU
Sample : 05951-19
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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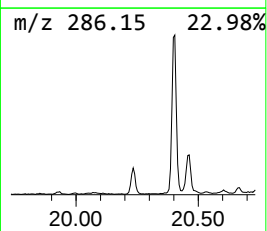
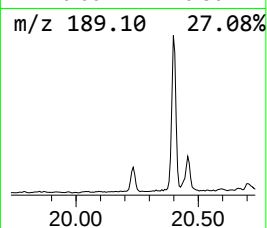
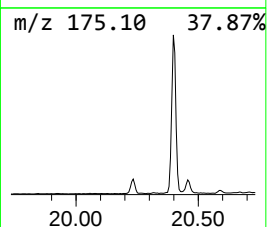
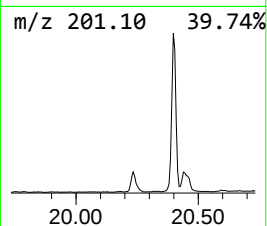
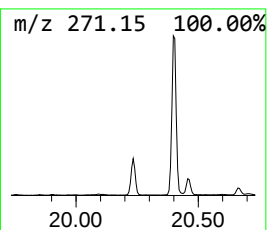
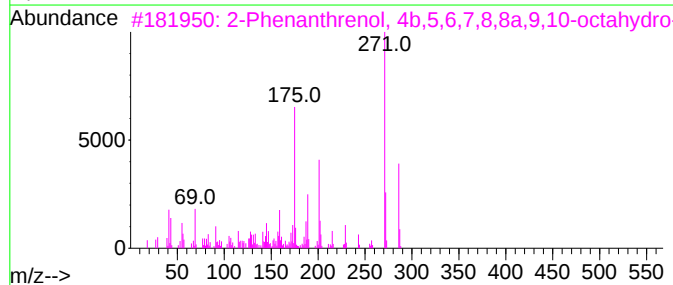
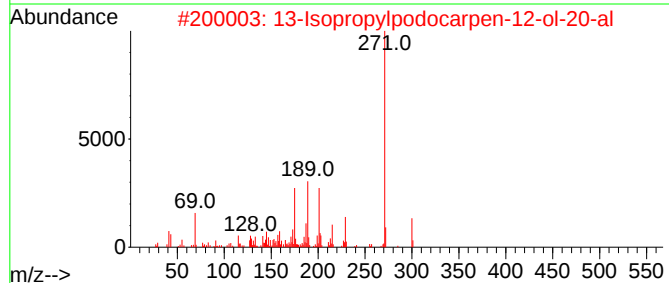
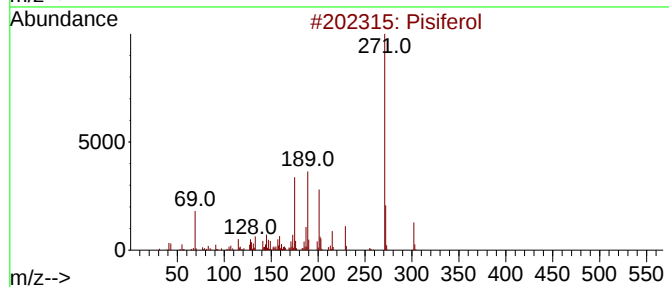
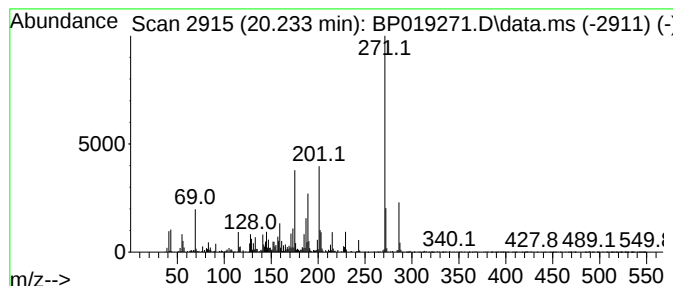
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 Pisiferol Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.233	3.81 ng/ul	648268	Chrysene-d12	21.304

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pisiferol	302	C20H30O2	024035-36-7	59
2			13-Isopropylpodocarpin-12-ol-20-al	300	C20H28O2	024035-37-8	53
3			2-Phenanthrenol, 4b,5,6,7,8,8a,9...	286	C20H30O	000511-15-9	50
4			13-Isopropylpodocarpin-12-ol-20-al	300	C20H28O2	024035-37-8	41
5			Silane, methylvinyl(2-methylpent...	372	C19H40O3Si2	1010421-54-4	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010424\
Data File : BP019271.D
Acq On : 04 Jan 2024 19:22
Operator : MA/JU
Sample : 05951-19
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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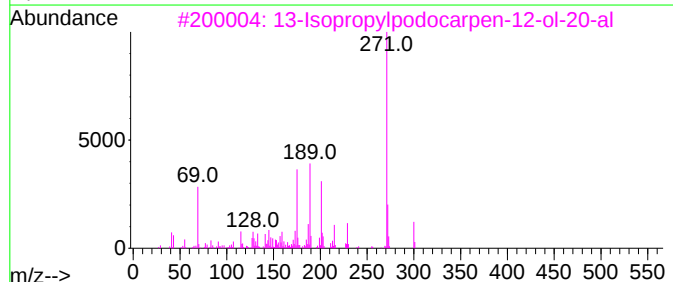
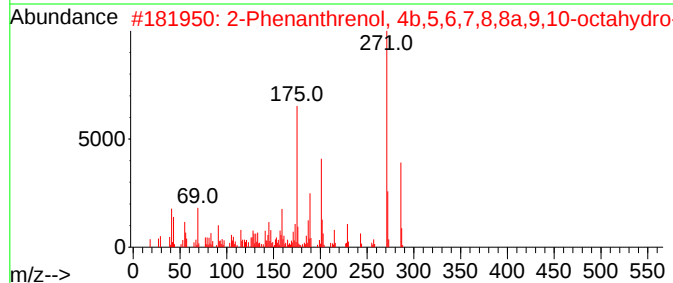
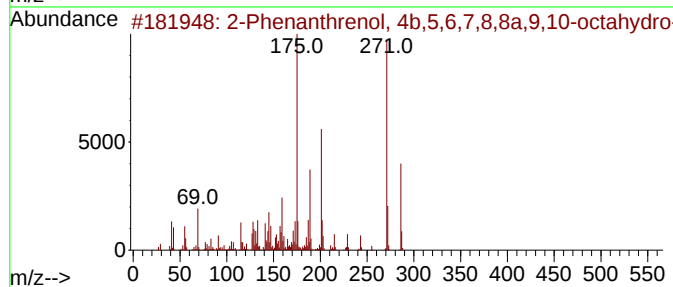
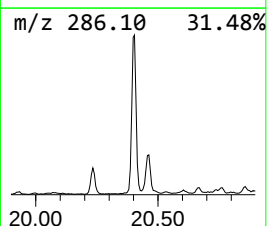
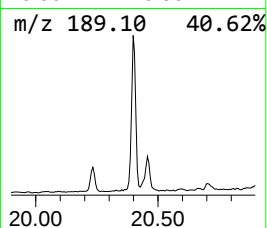
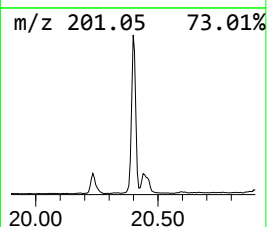
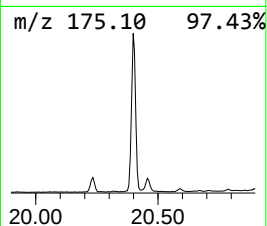
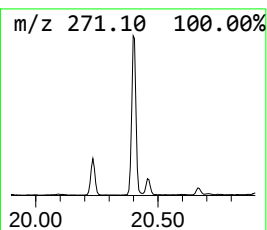
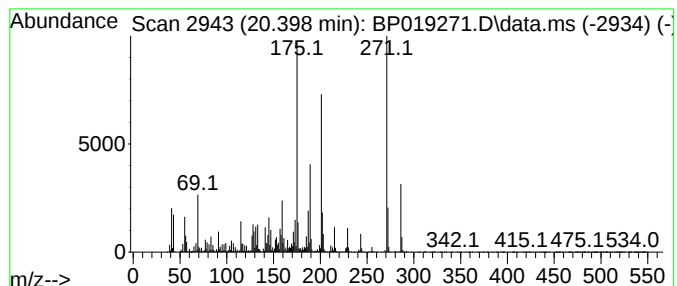
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 2-Phenanthrenol, 4b,5,6,7,8... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.398	24.71 ng/ul	4201010	Chrysene-d12	21.304

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Phenanthrenol, 4b,5,6,7,8,8a,9...	286	C20H30O	000511-15-9	99		
2	2-Phenanthrenol, 4b,5,6,7,8,8a,9...	286	C20H30O	000511-15-9	86		
3	13-Isopropylpodocarpin-12-ol-20-al	300	C20H28O2	024035-37-8	47		
4	Pisiferol	302	C20H30O2	024035-36-7	46		
5	13-Isopropylpodocarpin-12-ol-20-al	300	C20H28O2	024035-37-8	43		



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010424\
Data File : BP019271.D
Acq On : 04 Jan 2024 19:22
Operator : MA/JU
Sample : 05951-19
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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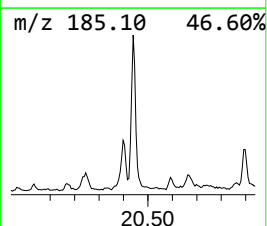
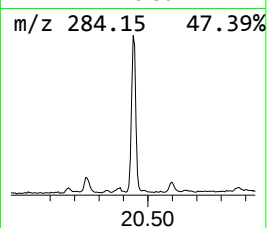
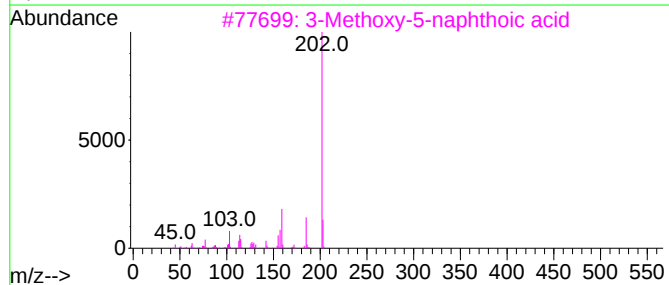
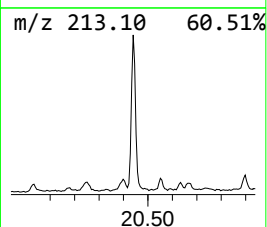
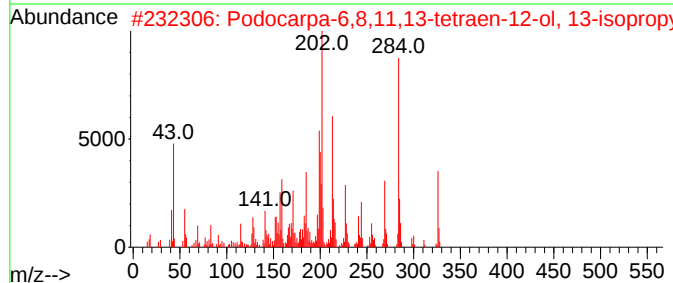
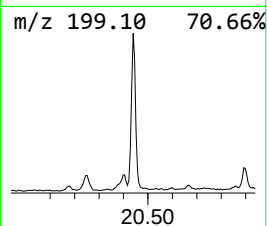
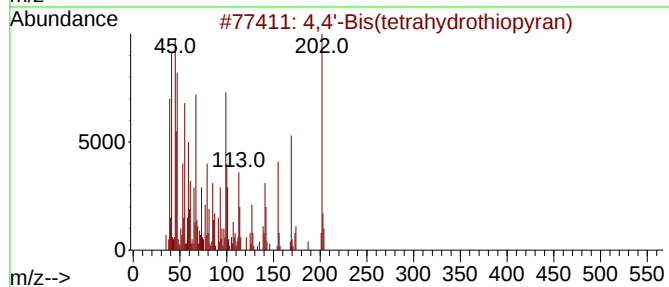
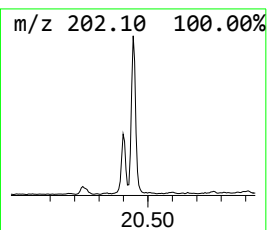
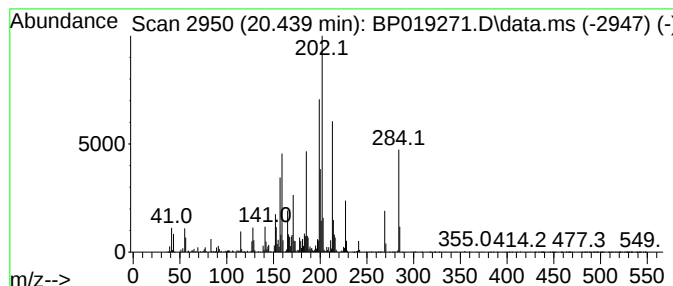
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 4,4'-Bis(tetrahydrothiopyran) Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.439	12.89 ng/ul	2190880	Chrysene-d12	21.304

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4,4'-Bis(tetrahydrothiopyran)	202	C10H18S2	116196-83-9	90
2			Podocarpa-6,8,11,13-tetraen-12-o...	326	C22H30O2	022160-86-7	43
3			3-Methoxy-5-naphthoic acid	202	C12H10O3	007498-58-0	22
4			[1,2,5]-Oxadiazolo[3,4-a]cinnoli...	202	C10H10N4O	1000260-59-4	20
5			5-Hydroxy-3-methyl-1-phenylpyraz...	202	C11H10N2O2	060484-29-9	18



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010424\
Data File : BP019271.D
Acq On : 04 Jan 2024 19:22
Operator : MA/JU
Sample : 05951-19
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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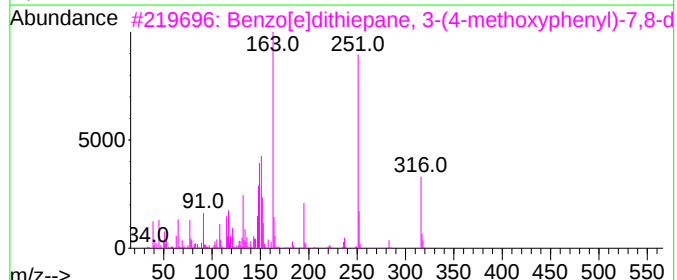
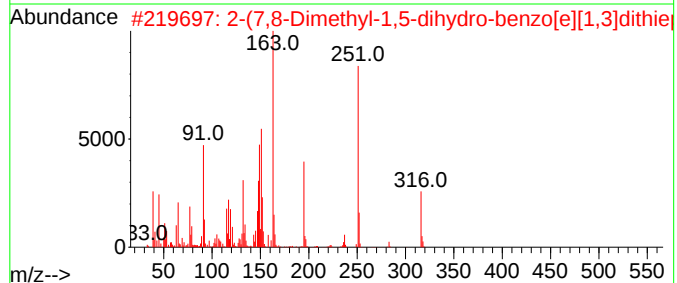
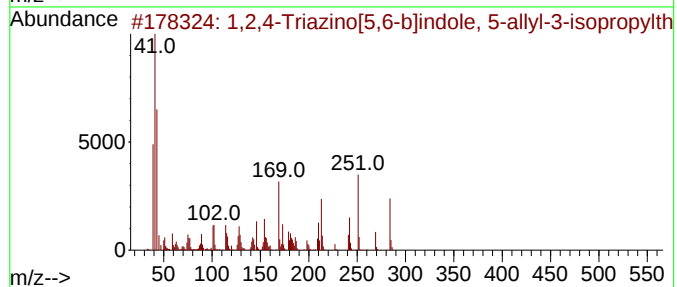
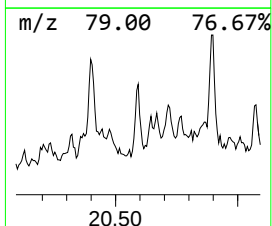
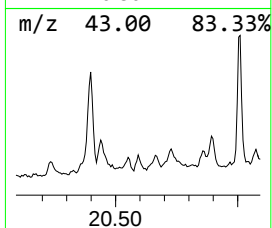
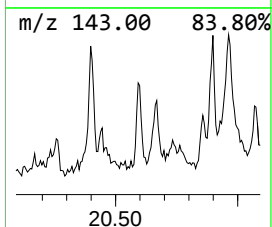
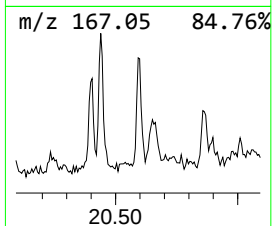
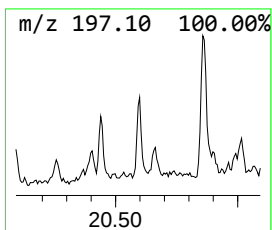
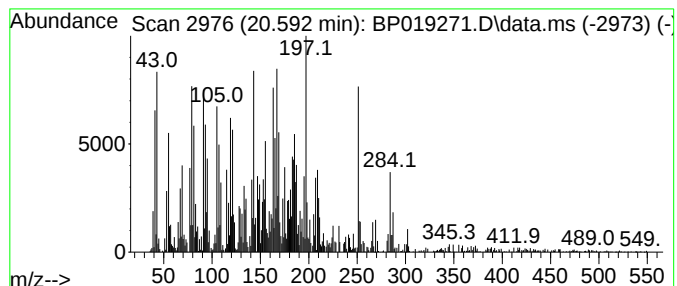
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 unknown-03 Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.592	2.61 ng/ul	443893	Chrysene-d12	21.304

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2,4-Triazino[5,6-b]indole, 5-a...	284	C15H16N4S	340006-83-9	25		
2	2-(7,8-Dimethyl-1,5-dihydro-benz...	316	C18H20O5	1000297-01-0	20		
3	Benzo[e]dithiepane, 3-(4-methoxy...	316	C18H20O5	309286-88-2	18		
4	Isophthalic acid, dihexyl ester	334	C20H30O4	1000344-71-2	18		
5	Methyl 2,6-dimethoxyisonicotinate	197	C9H11N04	052606-00-5	15		



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010424\
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Acq On : 04 Jan 2024 19:22
Operator : MA/JU
Sample : 05951-19
Misc :
ALS Vial : 15 Sample Multiplier: 1

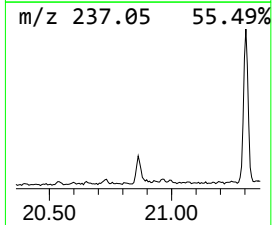
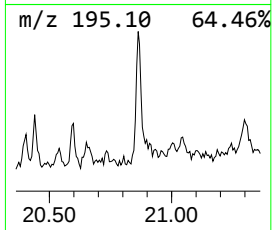
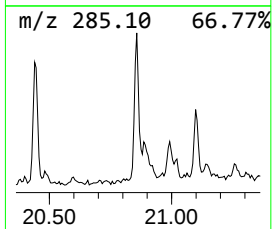
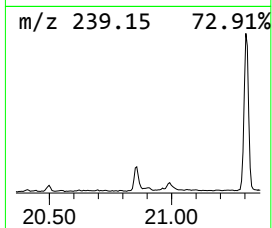
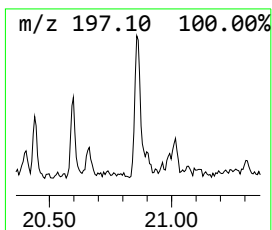
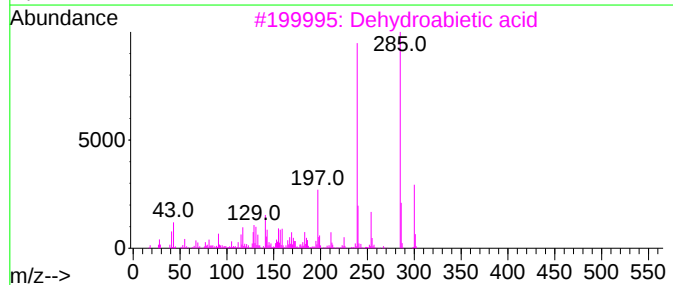
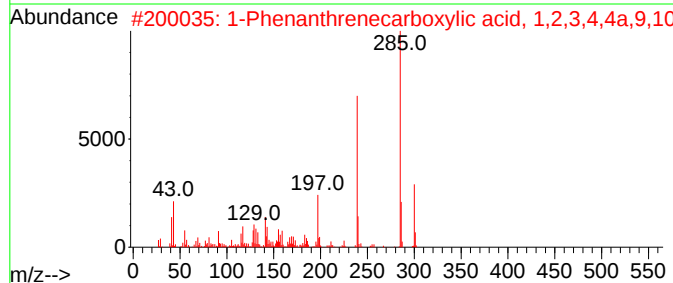
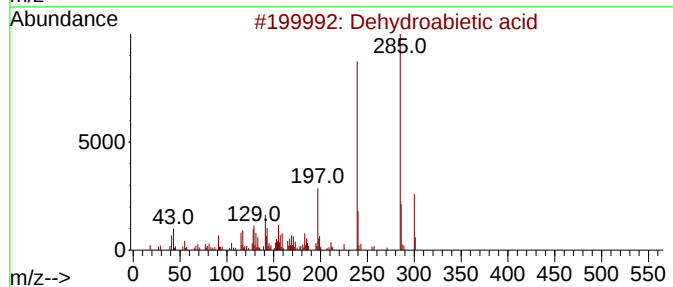
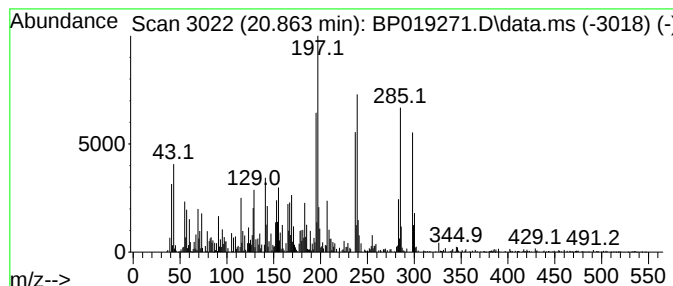
Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP122723.MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 Dehydroabiatic acid Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.	
20.863	2.79 ng/ul	475089	Chrysene-d12	21.304	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dehydroabietic acid	300	C20H28O2	001740-19-8	70
2	1-Phenanthrenecarboxylic acid, 1...	300	C20H28O2	005155-70-4	51
3	Dehydroabiatic acid	300	C20H28O2	001740-19-8	44
4	2-Propenoic acid, 2-[(3,3a,4,5,6...	298	C18H18O4	1000142-81-2	42
5	Dehydroabiatic acid	300	C20H28O2	001740-19-8	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010424\
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Acq On : 04 Jan 2024 19:22
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Misc :
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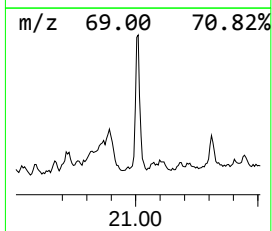
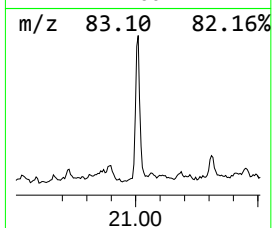
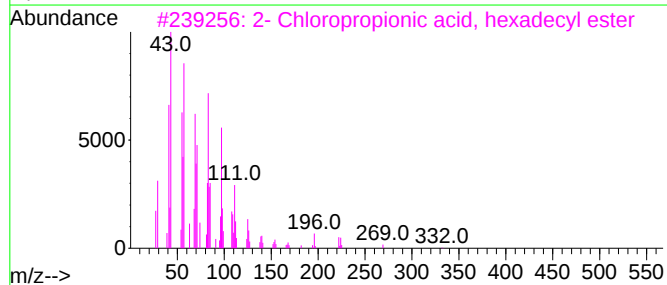
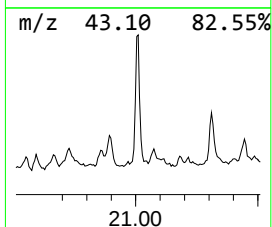
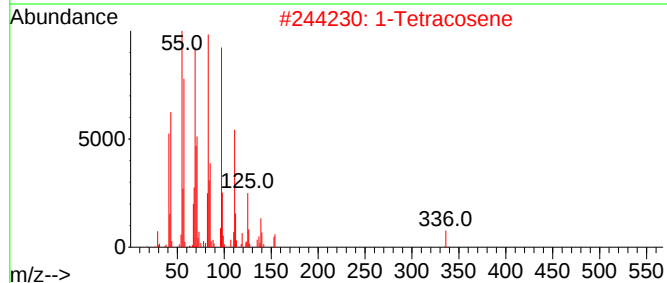
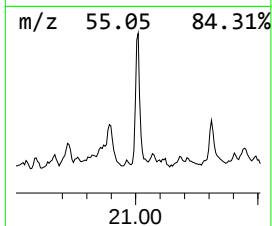
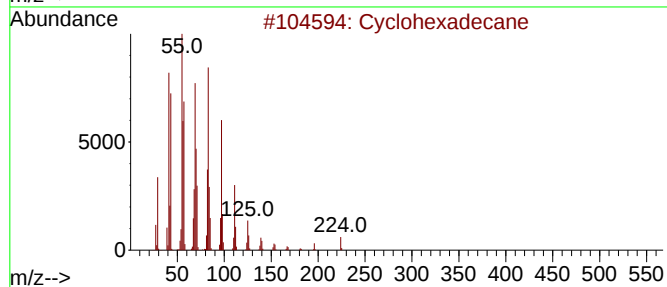
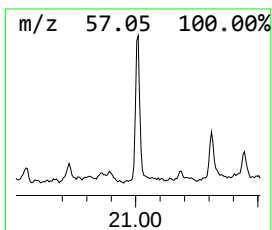
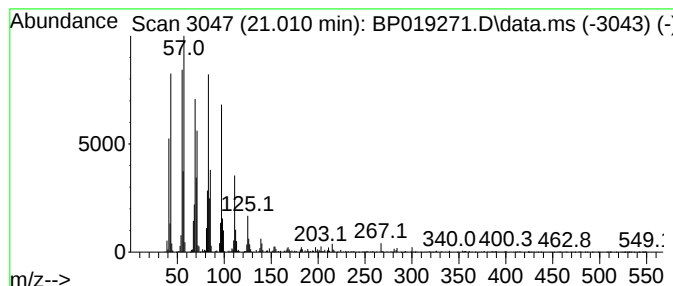
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 (DEL) Alkane: Cyclic21.010 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
21.010	5.55 ng/ul	943185	Chrysene-d12	21.304	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	98
2	1-Tetracosene	336	C24H48	010192-32-2	97
3	2- Chloropropionic acid, hexadec...	332	C19H37ClO2	086711-81-1	95
4	Octadecyl trifluoroacetate	366	C20H37F3O2	079392-43-1	94
5	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010424\
Data File : BP019271.D
Acq On : 04 Jan 2024 19:22
Operator : MA/JU
Sample : 05951-19
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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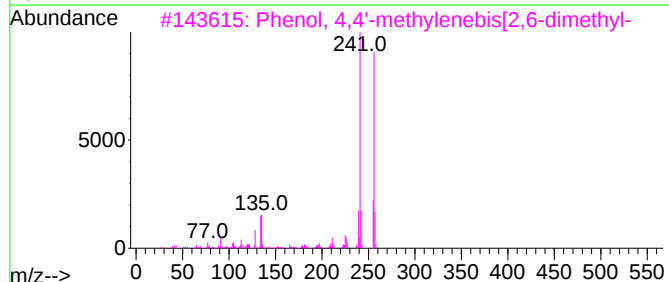
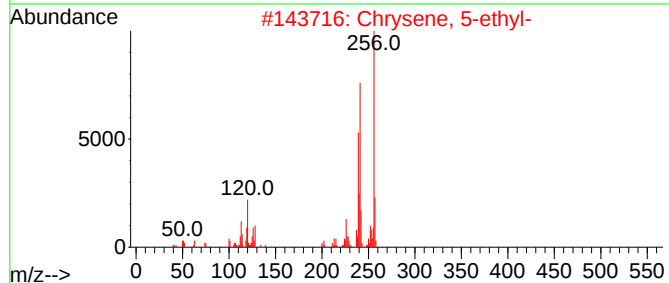
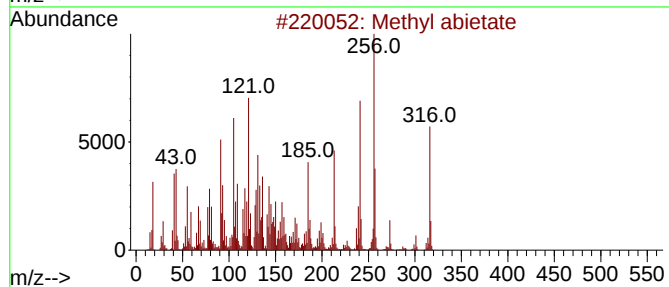
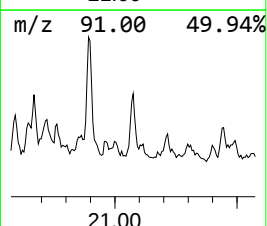
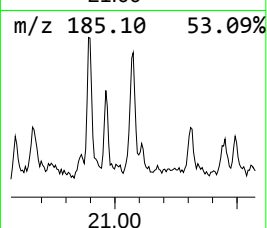
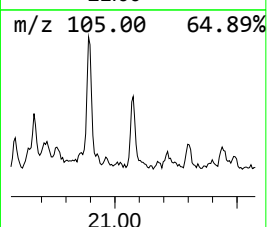
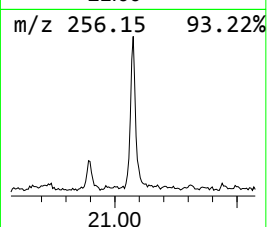
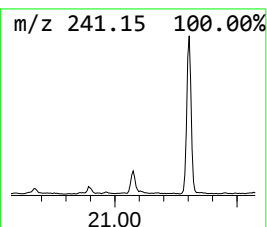
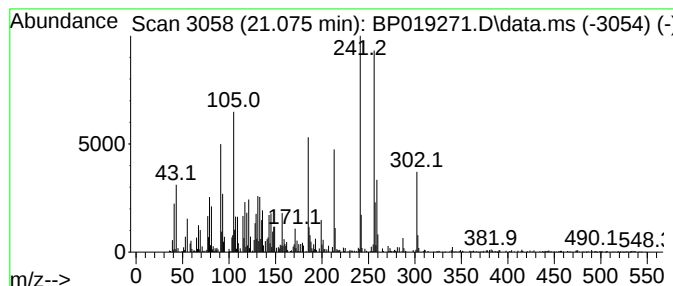
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 unknown-04 Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.075	2.51 ng/ul	426797	Chrysene-d12	21.304

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Methyl abietate	316	C21H32O2	000127-25-3	45
2			Chrysene, 5-ethyl-	256	C20H16	054986-62-8	43
3			Phenol, 4,4'-methylenebis[2,6-di...	256	C17H20O2	005384-21-4	43
4			Benz[a]anthracene, 7-ethyl-	256	C20H16	003697-30-1	43
5			Benzo[c]phenanthrene, 1,12-dimet...	256	C20H16	004076-43-1	43



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010424\
Data File : BP019271.D
Acq On : 04 Jan 2024 19:22
Operator : MA/JU
Sample : 05951-19
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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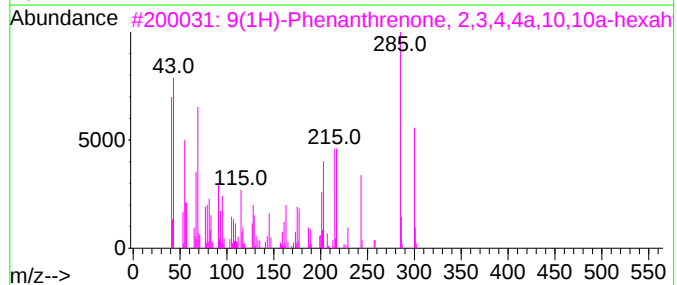
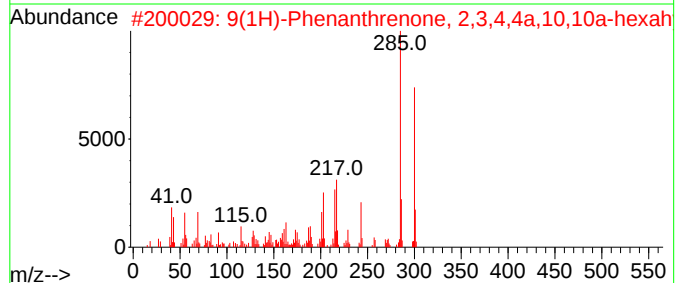
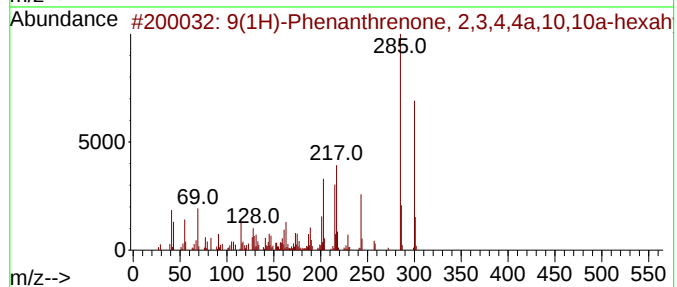
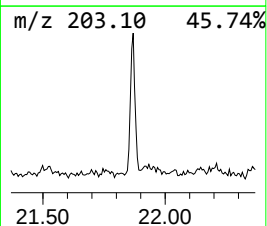
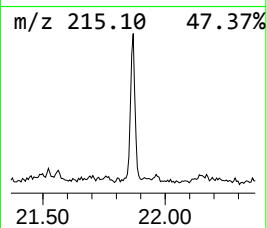
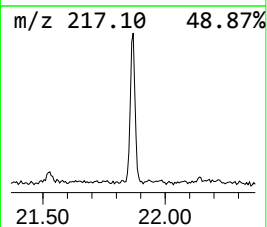
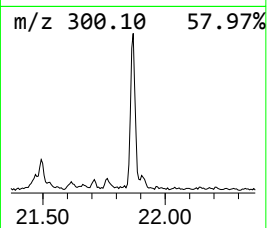
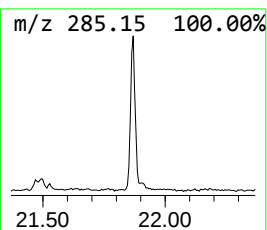
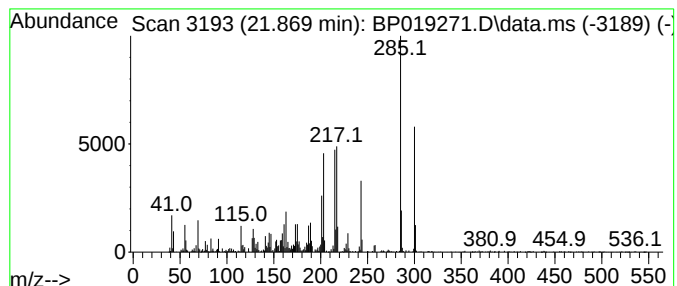
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 9(1H)-Phenanthrenone, 2,3,4... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.869	3.51 ng/ul	596772	Chrysene-d12	21.304

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	9(1H)-Phenanthrenone, 2,3,4,4a,1...	300	C20H28O2	000511-05-7	96		
2	9(1H)-Phenanthrenone, 2,3,4,4a,1...	300	C20H28O2	000511-05-7	95		
3	9(1H)-Phenanthrenone, 2,3,4,4a,1...	300	C20H28O2	000511-05-7	94		
4	Phenanthrene, 1,2,3,4,4a,9,10,10...	300	C21H32O	010064-26-3	91		
5	Phenanthrene, 1,2,3,4,4a,9,10,10...	300	C21H32O	010064-26-3	72		



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010424\
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Operator : MA/JU
Sample : 05951-19
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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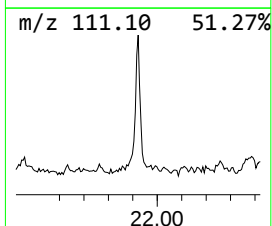
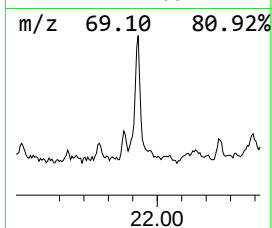
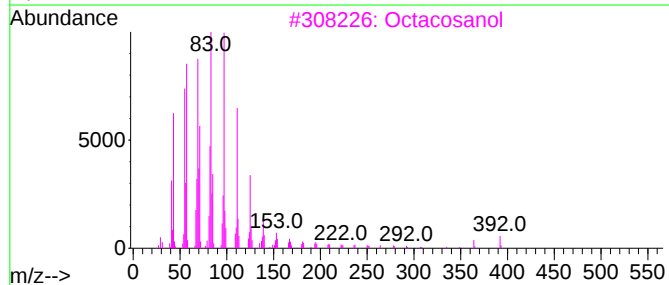
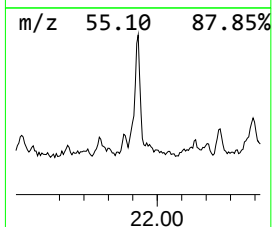
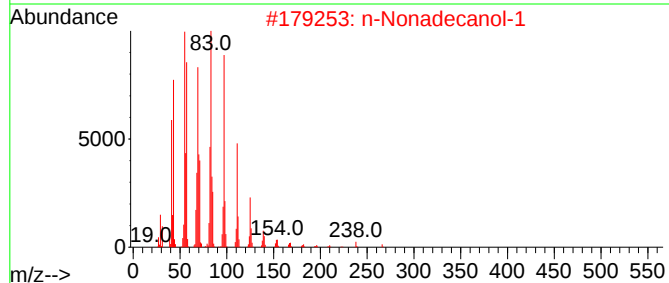
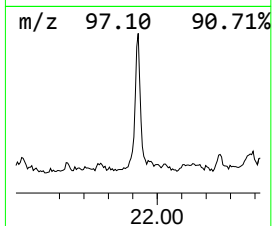
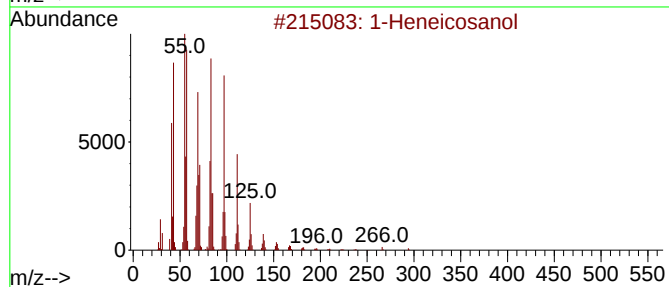
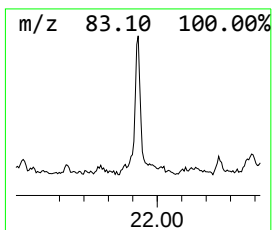
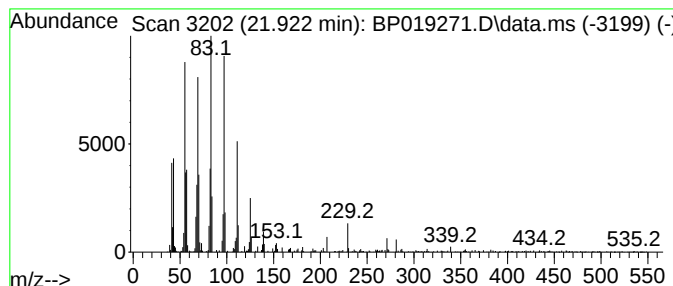
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 20 1-Heneicosanol Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.922	4.03 ng/ul	685655	Chrysene-d12	21.304

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Heneicosanol	312	C21H44O	015594-90-8	94
2			n-Nonadecanol-1	284	C19H40O	001454-84-8	91
3			Octacosanol	410	C28H58O	000557-61-9	91
4			Behenic alcohol	326	C22H46O	000661-19-8	91
5			1-Nonadecene	266	C19H38	018435-45-5	74



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010424\
Data File : BP019271.D
Acq On : 04 Jan 2024 19:22
Operator : MA/JU
Sample : 05951-19
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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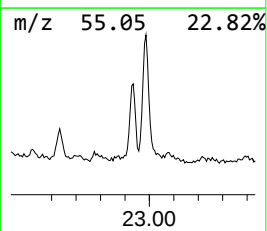
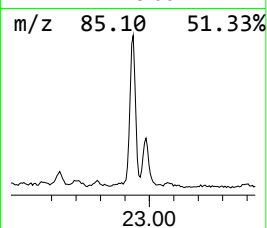
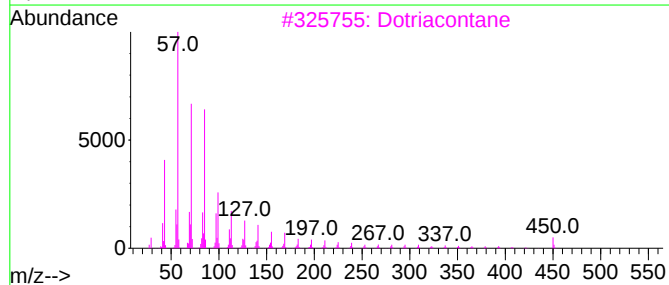
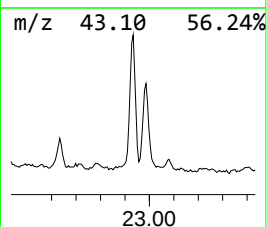
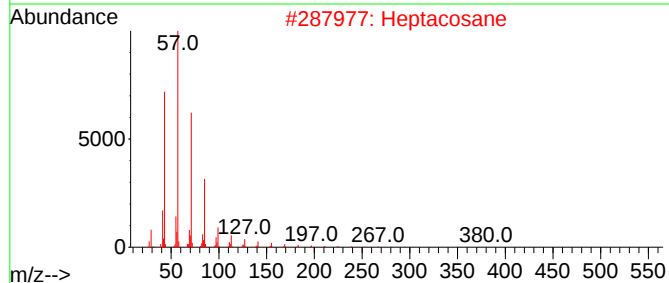
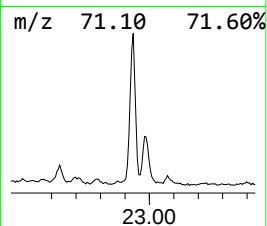
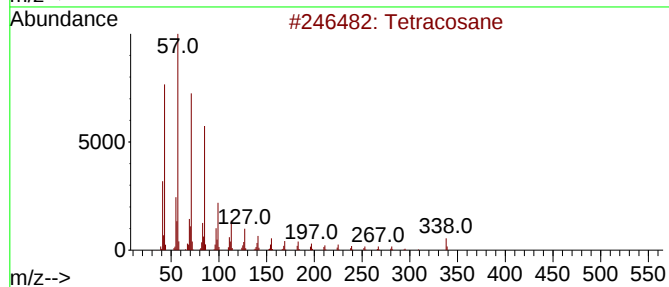
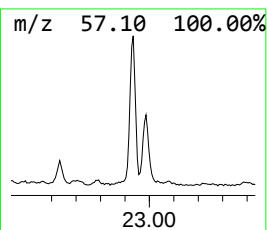
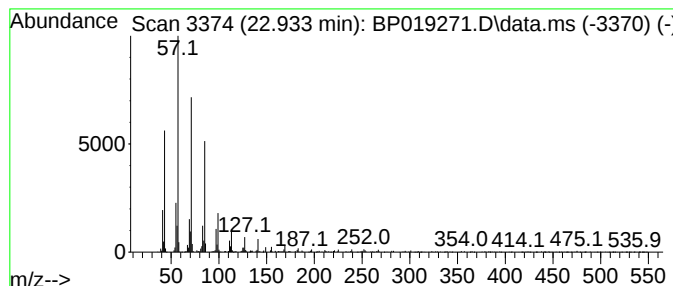
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 21 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.933	6.54 ng/ul	933288	Perylene-d12	23.669

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetracosane	338	C24H50	000646-31-1	95
2		Heptacosane	380	C27H56	000593-49-7	94
3		Dotriacontane	451	C32H66	000544-85-4	93
4		Eicosane, 10-methyl-	296	C21H44	054833-23-7	93
5		2-Methylpentacosane	366	C26H54	000629-87-8	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010424\
Data File : BP019271.D
Acq On : 04 Jan 2024 19:22
Operator : MA/JU
Sample : 05951-19
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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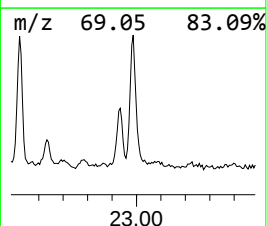
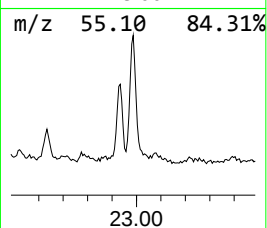
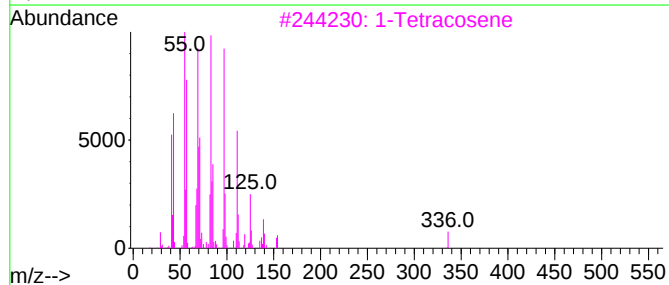
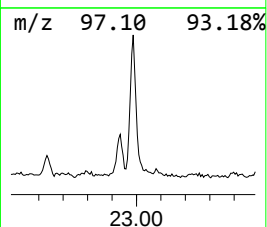
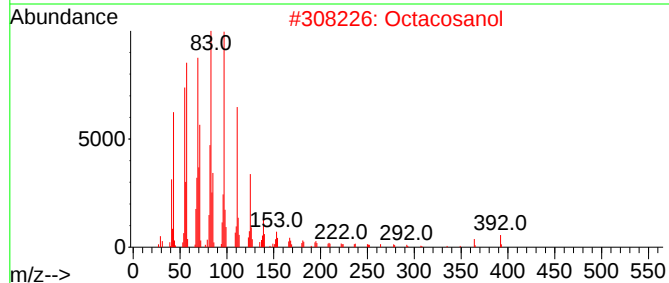
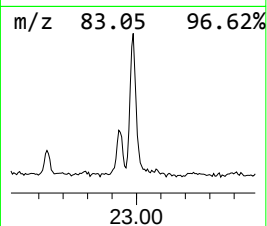
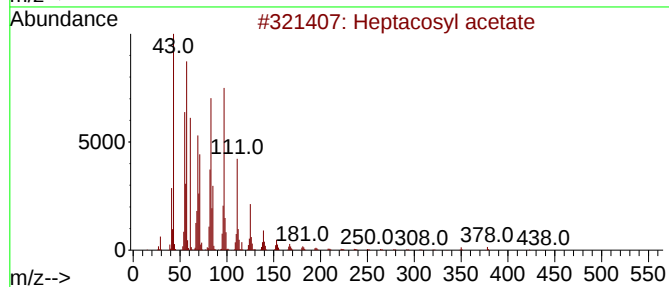
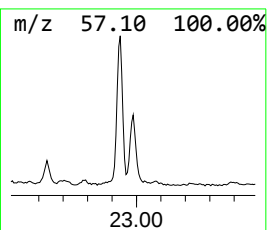
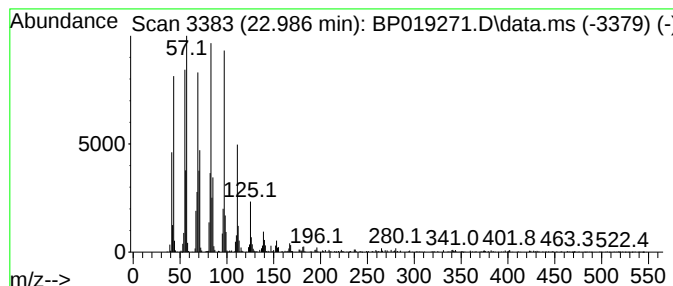
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 22 Heptacosyl acetate Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.986	7.89 ng/ul	1125250	Perylene-d12	23.669

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptacosyl acetate	438	C29H58O2	1000351-78-2	95
2			Octacosanol	410	C28H58O	000557-61-9	95
3			1-Tetracosene	336	C24H48	010192-32-2	95
4			1-Heneicosanol	312	C21H44O	015594-90-8	94
5			1-Heptacosanol	396	C27H56O	002004-39-9	94



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010424\
Data File : BP019271.D
Acq On : 04 Jan 2024 19:22
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Sample : 05951-19
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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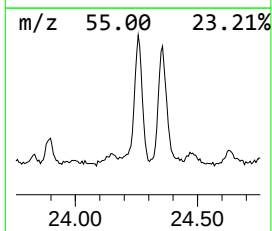
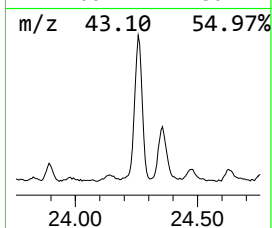
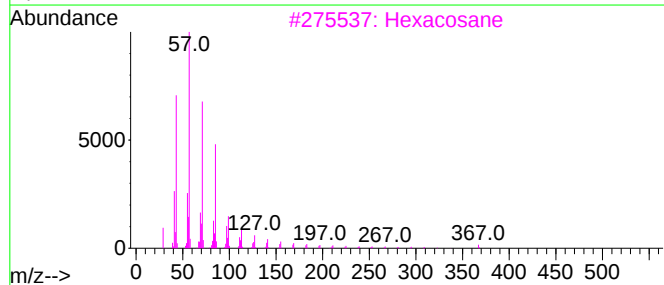
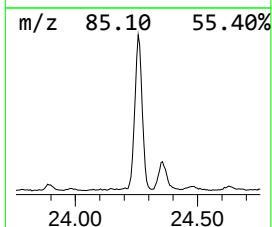
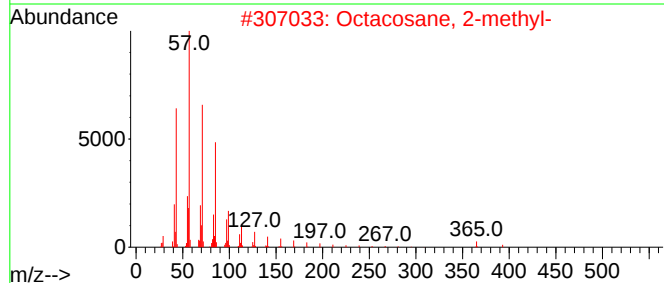
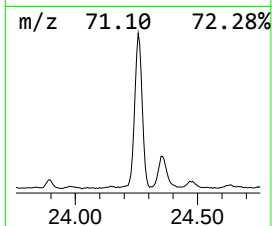
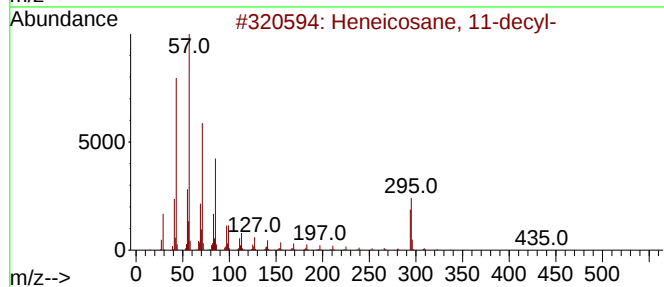
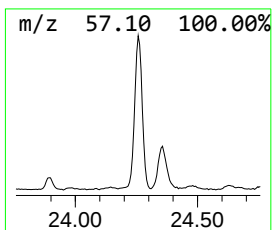
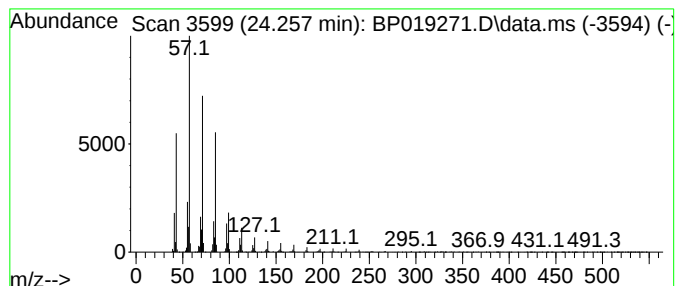
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 23 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.257	17.31 ng/ul	2469220	Perylene-d12	23.669

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heneicosane, 11-decyl-	437	C31H64	055320-06-4	97
2			Octacosane, 2-methyl-	408	C29H60	001560-98-1	91
3			Hexacosane	366	C26H54	000630-01-3	91
4			Heneicosane	296	C21H44	000629-94-7	91
5			triacontane	422	C30H62	000638-68-6	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010424\
Data File : BP019271.D
Acq On : 04 Jan 2024 19:22
Operator : MA/JU
Sample : 05951-19
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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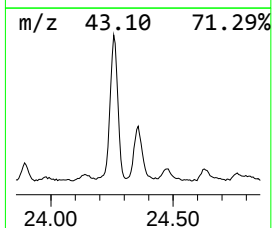
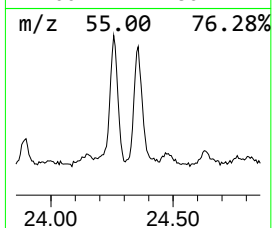
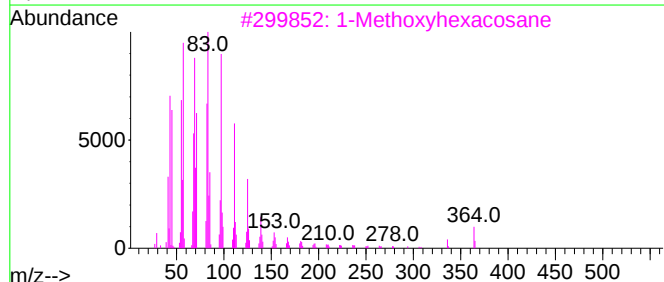
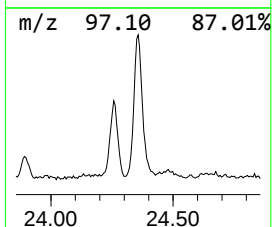
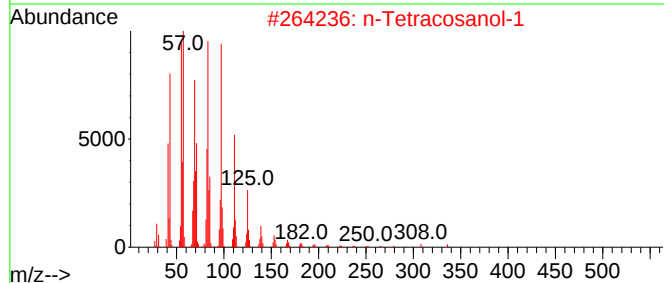
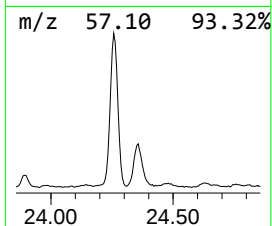
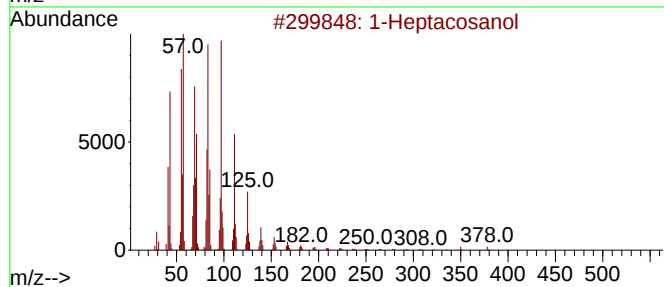
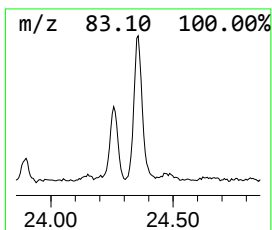
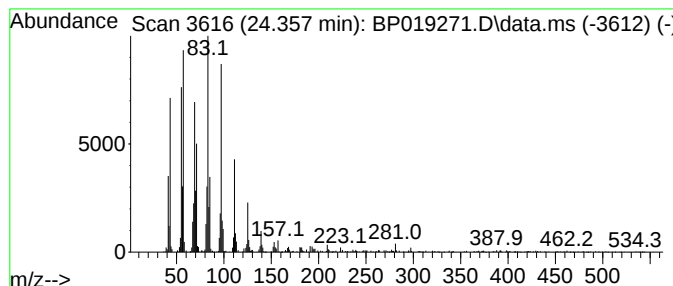
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 24 1-Heptacosanol Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.357	9.77 ng/ul	1394510	Perylene-d12	23.669

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		1-Heptacosanol	396	C27H56O	002004-39-9	93
2		n-Tetracosanol-1	354	C24H50O	000506-51-4	93
3		1-Methoxyhexacosane	396	C27H56O	237742-59-5	91
4		Octacosyl acetate	452	C30H60O2	018206-97-8	91
5		1-Hexacosene	364	C26H52	018835-33-1	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010424\
Data File : BP019271.D
Acq On : 04 Jan 2024 19:22
Operator : MA/JU
Sample : 05951-19
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
GCF83

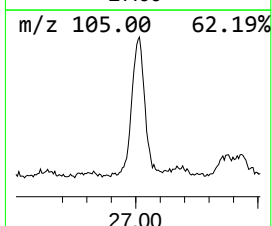
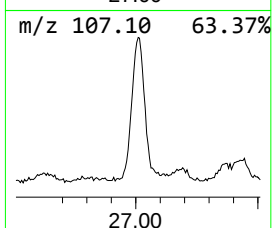
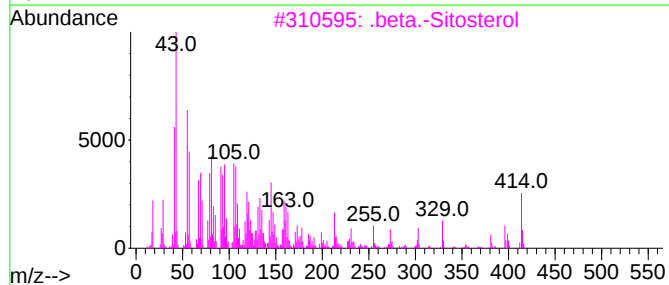
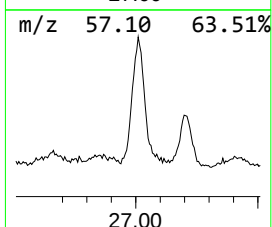
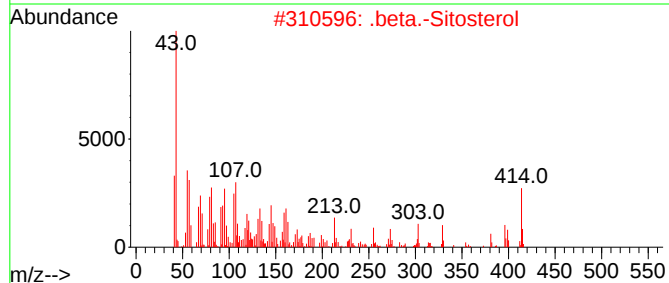
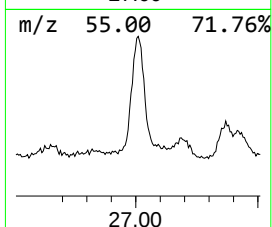
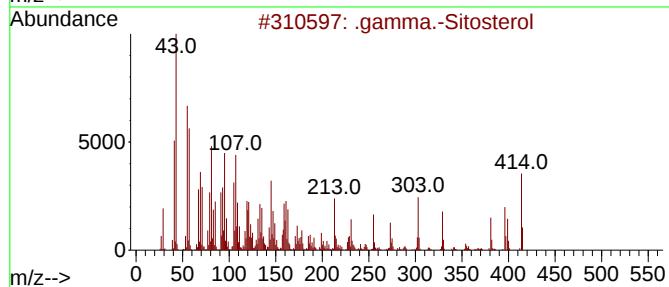
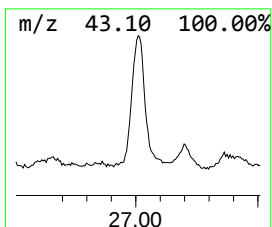
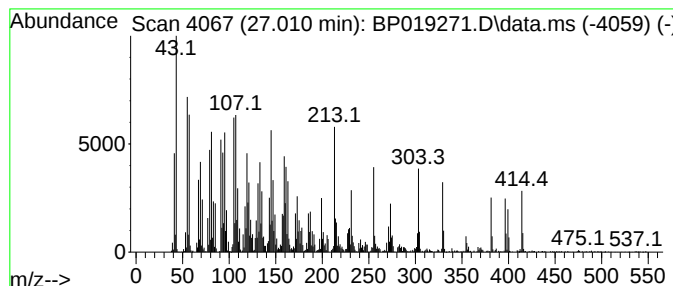
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 25 .gamma.-Sitosterol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.010	32.78 ng/ul	4676450	Perylene-d12	23.669

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		.gamma.-Sitosterol	414	C29H50O	000083-47-6	99
2		.beta.-Sitosterol	414	C29H50O	000083-46-5	78
3		.beta.-Sitosterol	414	C29H50O	000083-46-5	48
4		(3S,8S,9S,10R,13R,14S,17R)-17-((... 414	C29H50O		029365-29-5	46
5		(3S,8S,9S,10R,13R,14S,17R)-17-((... 428	C30H52O		020194-50-7	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010424\
 Data File : BP019271.D
 Acq On : 04 Jan 2024 19:22
 Operator : MA/JU
 Sample : 05951-19
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 GCF83

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP122723.MA.M
 Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST0.L
 TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Bicyclo[3.1.0]h...	6.305	3.0	ng/ul	156085	1	7.793	1026190	20.0
Longifolene	13.698	4.3	ng/ul	393809	3	14.440	1843130	20.0
Cedrol	15.722	4.6	ng/ul	423710	3	14.440	1843130	20.0
unknown-01	15.828	2.2	ng/ul	270465	4	17.198	2445690	20.0
(E)-Hexadec-9-e...	18.040	4.4	ng/ul	538656	4	17.198	2445690	20.0
n-Hexadecanoic ...	18.098	15.9	ng/ul	1942760	4	17.198	2445690	20.0
9-Octadecenoic ...	19.216	2.6	ng/ul	316080	4	17.198	2445690	20.0
(4aS,4bR,10aS)-...	19.251	3.8	ng/ul	642604	5	21.304	3400470	20.0
Octadecanoic acid	19.334	3.4	ng/ul	575632	5	21.304	3400470	20.0
unknown-02	19.404	6.1	ng/ul	1043410	5	21.304	3400470	20.0
Pisiferol	20.233	3.8	ng/ul	648268	5	21.304	3400470	20.0
2-Phenanthrenol...	20.398	24.7	ng/ul	4201010	5	21.304	3400470	20.0
4,4'-Bis(tetra...	20.439	12.9	ng/ul	2190880	5	21.304	3400470	20.0
unknown-03	20.592	2.6	ng/ul	443893	5	21.304	3400470	20.0
Dehydroabietic ...	20.863	2.8	ng/ul	475089	5	21.304	3400470	20.0
((1R,4aR,4bR,10...	20.892	8.2	ng/ul	1392180	5	21.304	3400470	20.0
(DEL) Alkane: C...	21.010	5.5	ng/ul	943185	5	21.304	3400470	20.0
unknown-04	21.075	2.5	ng/ul	426797	5	21.304	3400470	20.0
9(1H)-Phenanthr...	21.869	3.5	ng/ul	596772	5	21.304	3400470	20.0
1-Heneicosanol	21.922	4.0	ng/ul	685655	5	21.304	3400470	20.0
(DEL) Alkane: S...	22.933	6.5	ng/ul	933288	6	23.669	2853440	20.0
Heptacosyl acetate	22.986	7.9	ng/ul	1125250	6	23.669	2853440	20.0
(DEL) Alkane: S...	24.257	17.3	ng/ul	2469220	6	23.669	2853440	20.0
1-Heptacosanol	24.357	9.8	ng/ul	1394510	6	23.669	2853440	20.0
.gamma.-Sitosterol	27.010	32.8	ng/ul	4676450	6	23.669	2853440	20.0