

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040120\
 Data File : BM025881.D
 Acq On : 01 Apr 2020 00:39
 Operator : CG/JU
 Sample : L2045-02
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AB9

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 0.1 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM031420MA.M
 Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.134	39	42	50	rVB3	41354	69772	1.48%	0.090%
2	3.628	122	126	132	rVB	63593	78136	1.66%	0.100%
3	3.840	159	162	166	rVB3	27549	34161	0.73%	0.044%
4	4.181	217	220	224	rVB2	25454	34480	0.73%	0.044%
5	4.740	311	315	321	rBV2	32745	48166	1.02%	0.062%
6	6.275	570	576	583	rVB	237394	342742	7.29%	0.440%
7	6.569	621	626	631	rBV5	20087	36354	0.77%	0.047%
8	6.746	647	656	665	rBV	746488	1166444	24.82%	1.497%
9	6.904	677	683	696	rBV	514782	803638	17.10%	1.032%
10	7.010	696	701	705	rBV	54122	77583	1.65%	0.100%
11	7.098	710	716	726	rVB	743460	1163295	24.75%	1.493%
12	7.557	787	794	802	rVV	699085	1072674	22.82%	1.377%
13	8.263	908	914	920	rBV	901333	1415725	30.12%	1.817%
14	8.322	920	924	929	rVV	380635	555339	11.82%	0.713%
15	8.698	979	988	999	rVV	638897	1017033	21.64%	1.306%
16	9.416	1103	1110	1118	rBV	531164	838918	17.85%	1.077%
17	9.951	1193	1201	1211	rBV	947150	1516781	32.27%	1.947%
18	10.045	1214	1217	1224	rVV3	22152	41252	0.88%	0.053%
19	10.322	1256	1264	1271	rBV	937877	1520363	32.35%	1.952%
20	10.469	1280	1289	1296	rBV	93298	176075	3.75%	0.226%
21	10.975	1369	1375	1383	rVB2	22216	41349	0.88%	0.053%
22	11.828	1515	1520	1524	rBV2	22981	47918	1.02%	0.062%
23	13.533	1805	1810	1815	rVV3	44356	63258	1.35%	0.081%
24	13.616	1818	1824	1829	rBV	1523381	2059699	43.82%	2.644%
25	13.663	1829	1832	1838	rVV	162784	221562	4.71%	0.284%
26	13.886	1861	1870	1885	rBV	1862156	2676007	56.94%	3.435%
27	14.198	1915	1923	1930	rVB	1415057	2029470	43.18%	2.605%
28	14.404	1952	1958	1965	rBV	720985	1035233	22.03%	1.329%
29	14.474	1965	1970	1976	rVB5	48736	101775	2.17%	0.131%
30	14.645	1995	1999	2003	rBV4	26916	37544	0.80%	0.048%
31	14.927	2043	2047	2052	rVB3	46317	63411	1.35%	0.081%
32	15.098	2072	2076	2087	rVB7	30942	69268	1.47%	0.089%
33	15.198	2087	2093	2099	rBV	2397895	3291076	70.02%	4.225%
34	15.321	2108	2114	2122	rBV	661435	907489	19.31%	1.165%

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35	15.668	2167	2173	2175	rBV4	28161	52907	1.13%	0.068%
36	15.792	2188	2194	2198	rVB6	22038	40265	0.86%	0.052%
37	15.874	2203	2208	2214	rBV	105923	168675	3.59%	0.217%
38	15.963	2218	2223	2229	rVB2	104445	185509	3.95%	0.238%
39	16.051	2234	2238	2242	rBV	163140	218978	4.66%	0.281%
40	16.116	2242	2249	2254	rBV2	136438	250124	5.32%	0.321%
41	16.174	2254	2259	2263	rBV3	162148	227242	4.83%	0.292%
42	16.216	2263	2266	2270	rVB	99512	118615	2.52%	0.152%
43	16.274	2271	2276	2277	rBV4	33346	47549	1.01%	0.061%
44	16.316	2281	2283	2287	rVB	57904	68709	1.46%	0.088%
45	16.374	2287	2293	2299	rBV4	144693	274137	5.83%	0.352%
46	16.439	2299	2304	2308	rBV	192322	252590	5.37%	0.324%
47	16.510	2313	2316	2327	rVB2	108213	192925	4.10%	0.248%
48	16.610	2327	2333	2336	rBV5	22136	45157	0.96%	0.058%
49	16.745	2351	2356	2363	rVB4	32978	68716	1.46%	0.088%
50	16.945	2384	2390	2394	rBV	1657705	2299949	48.93%	2.952%
51	16.986	2394	2397	2401	rVB	301598	372652	7.93%	0.478%
52	17.045	2401	2407	2416	rBV	2573872	3589290	76.37%	4.607%
53	17.157	2420	2426	2436	rBV3	581802	833949	17.74%	1.071%
54	17.345	2452	2458	2463	rBV	73043	120131	2.56%	0.154%
55	17.392	2463	2466	2473	rVB	40913	64049	1.36%	0.082%
56	17.480	2478	2481	2484	rVB3	33859	40608	0.86%	0.052%
57	17.821	2535	2539	2542	rBV2	32656	39682	0.84%	0.051%
58	17.874	2542	2548	2566	rBV2	1135170	1781833	37.91%	2.287%
59	18.010	2568	2571	2576	rVB2	65250	92813	1.97%	0.119%
60	18.127	2588	2591	2594	rBV4	26584	33803	0.72%	0.043%
61	18.168	2595	2598	2603	rVB2	57856	75856	1.61%	0.097%
62	18.357	2627	2630	2634	rVB2	87667	101652	2.16%	0.130%
63	18.480	2648	2651	2656	rVB6	57059	71111	1.51%	0.091%
64	18.580	2664	2668	2674	rBV2	142356	202832	4.32%	0.260%
65	18.745	2693	2696	2700	rVB5	45833	61459	1.31%	0.079%
66	18.809	2703	2707	2713	rBV3	80888	134020	2.85%	0.172%
67	18.862	2713	2716	2718	rBV	65794	72951	1.55%	0.094%
68	18.974	2732	2735	2736	rBV2	33491	37850	0.81%	0.049%
69	19.004	2736	2740	2744	rVV	843683	1158232	24.64%	1.487%
70	19.039	2744	2746	2748	rVV2	143670	152645	3.25%	0.196%
71	19.080	2748	2753	2762	rVV	511797	732778	15.59%	0.941%

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72	19.162	2763	2767	2771	rVV	312325	437903	9.32%	0.562%
73	19.209	2772	2775	2786	rVB6	184165	349546	7.44%	0.449%
74	19.345	2792	2798	2801	rBV	3173179	4365644	92.88%	5.604%
75	19.398	2805	2807	2813	rVB	620611	676099	14.38%	0.868%
76	19.845	2879	2883	2886	rBV4	175747	245930	5.23%	0.316%
77	19.927	2895	2897	2901	rVB	125222	125223	2.66%	0.161%
78	19.974	2902	2905	2909	rVV2	98824	131280	2.79%	0.169%
79	20.027	2911	2914	2919	rVB4	79444	121776	2.59%	0.156%
80	20.362	2966	2971	2976	rBV2	525180	878576	18.69%	1.128%
81	20.427	2979	2982	2985	rVB	190326	221000	4.70%	0.284%
82	20.886	3056	3060	3065	rBV3	589693	870871	18.53%	1.118%
83	21.086	3091	3094	3096	rBV2	149758	164252	3.49%	0.211%
84	21.139	3097	3103	3107	rVV	2358667	3401244	72.37%	4.366%
85	21.174	3107	3109	3120	rVB	539554	711277	15.13%	0.913%
86	21.327	3132	3135	3141	rVB	490880	490353	10.43%	0.629%
87	21.750	3203	3207	3216	rVB	1066402	1449037	30.83%	1.860%
88	21.992	3246	3248	3252	rVB2	239231	236140	5.02%	0.303%
89	22.192	3279	3282	3292	rVB	691812	967459	20.58%	1.242%
90	22.650	3355	3360	3361	rBV	547694	758372	16.14%	0.973%
91	22.680	3361	3365	3370	rVB	2718261	3785269	80.54%	4.859%
92	23.103	3434	3437	3440	rBV	199359	266955	5.68%	0.343%
93	23.150	3440	3445	3450	rVV	2414524	4068657	86.57%	5.223%
94	23.215	3454	3456	3462	rVB	695209	964171	20.51%	1.238%
95	23.286	3462	3468	3475	rBV	1601157	2768308	58.90%	3.554%
96	23.833	3555	3561	3567	rVV	1601726	2882413	61.33%	3.700%
97	23.903	3567	3573	3583	rVB	2607205	4700100	100.00%	6.033%
98	24.533	3677	3680	3689	rVB	355699	648205	13.79%	0.832%
99	26.174	3954	3959	3969	rVB5	455656	1127891	24.00%	1.448%
100	27.374	4156	4163	4170	rBV4	426035	1152540	24.52%	1.479%

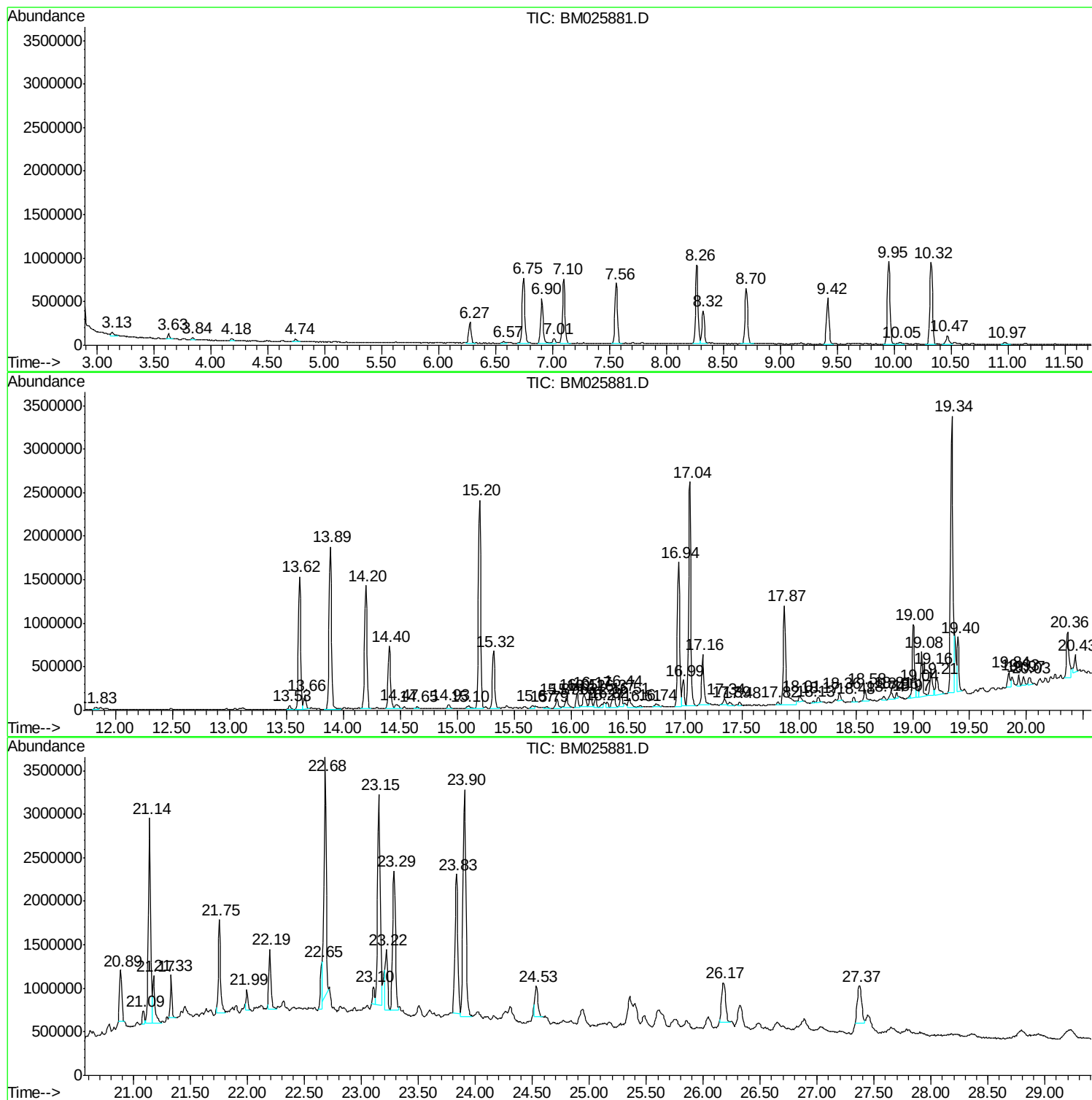
Sum of corrected areas: 77902724

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM031420MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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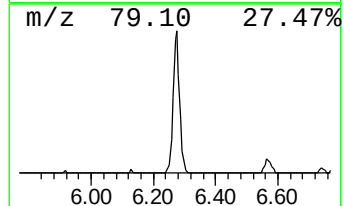
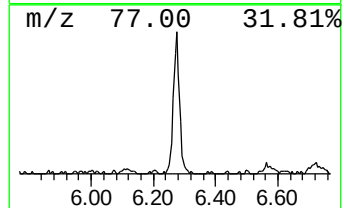
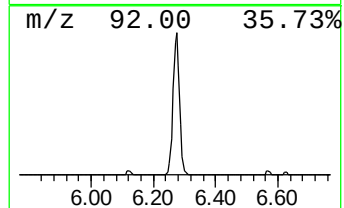
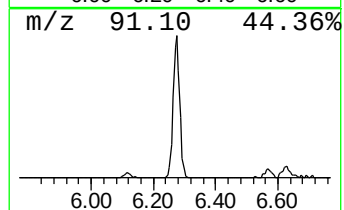
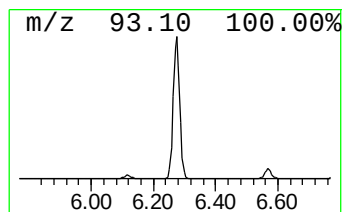
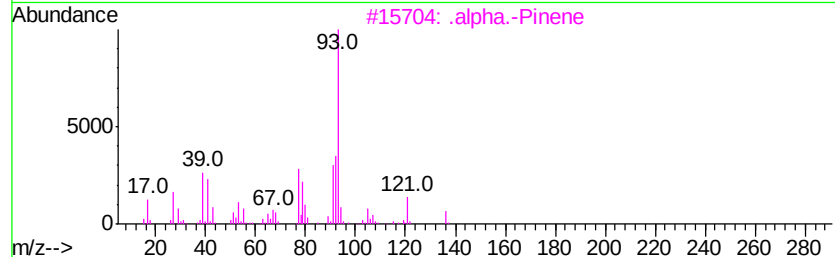
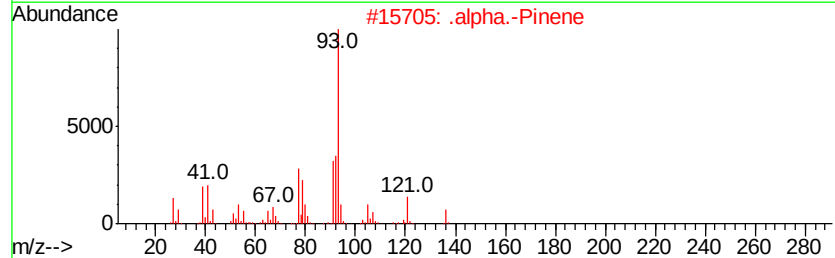
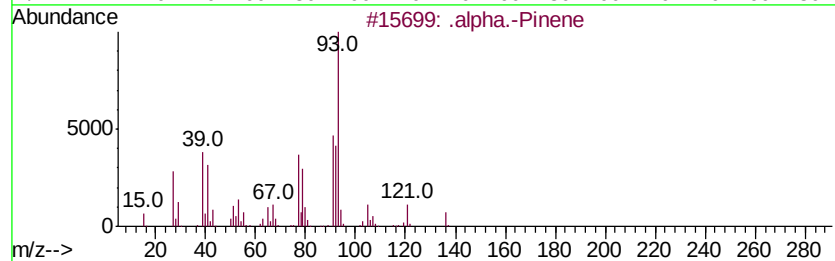
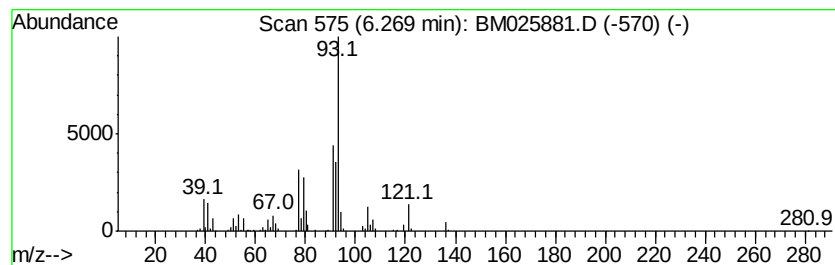
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM031420MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 .alpha.-Pinene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.	
6.27	6.39 ng/ul	342742	1,4-Dichlorobenzene-d4	7.56	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.alpha.-Pinene	136	C10H16	000080-56-8	95
2	.alpha.-Pinene	136	C10H16	000080-56-8	94
3	.alpha.-Pinene	136	C10H16	000080-56-8	91
4	Tricyclo[2.2.1.0(2,6)]heptane, 1...	136	C10H16	000508-32-7	91
5	(1R)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-70-8	91



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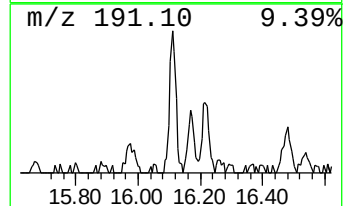
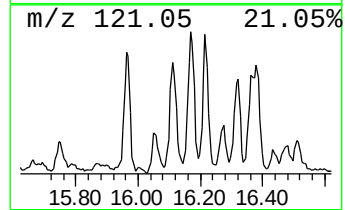
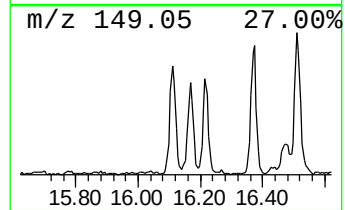
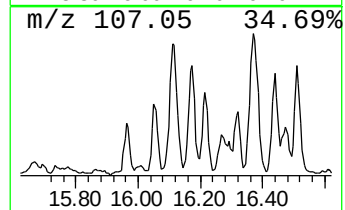
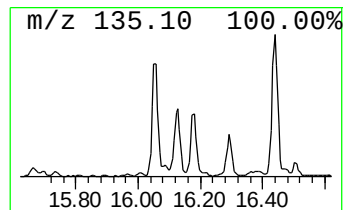
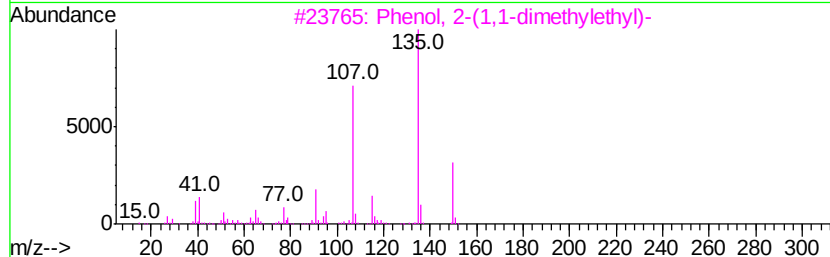
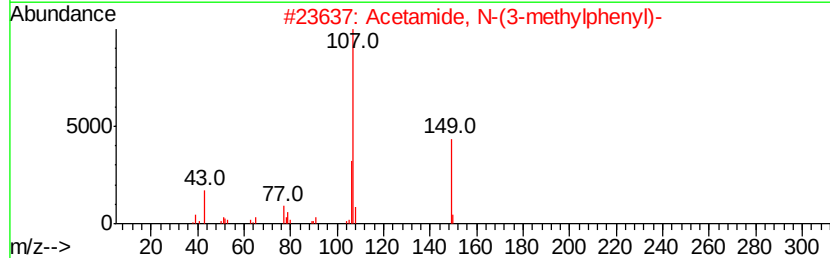
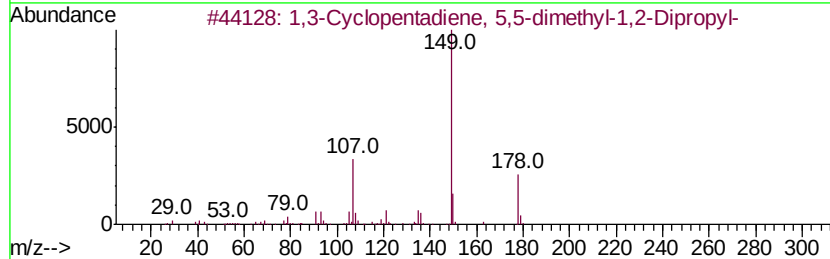
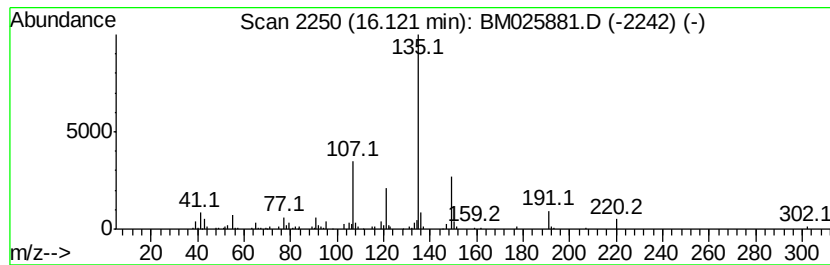
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 2 1,3-Cyclopentadiene, 5,5-di... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.12	2.18 ng/ul	250124	Phenanthrene-d10	16.94

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,3-Cyclopentadiene, 5,5-dimethy...	178	C13H22	1000163-88-0	50
2		Acetamide, N-(3-methylphenyl)-	149	C9H11NO	000537-92-8	46
3		Phenol, 2-(1,1-dimethylethyl)-	150	C10H14O	000088-18-6	46
4		Acetamide, N-(4-methylphenyl)-	149	C9H11NO	000103-89-9	43
5		Hexestrol	270	C18H22O2	005635-50-7	35



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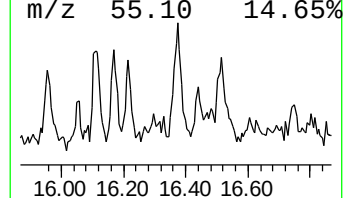
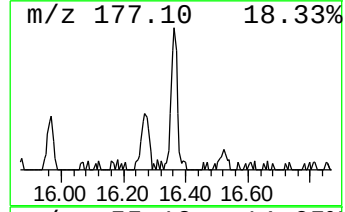
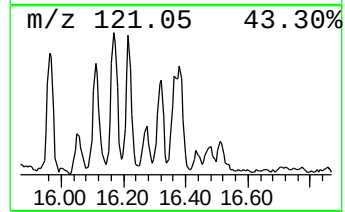
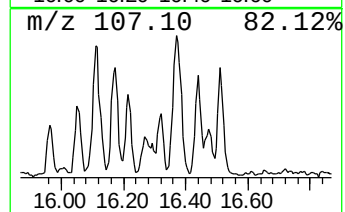
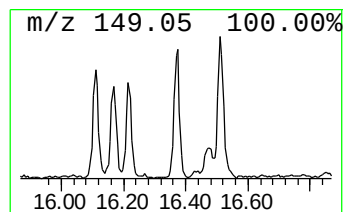
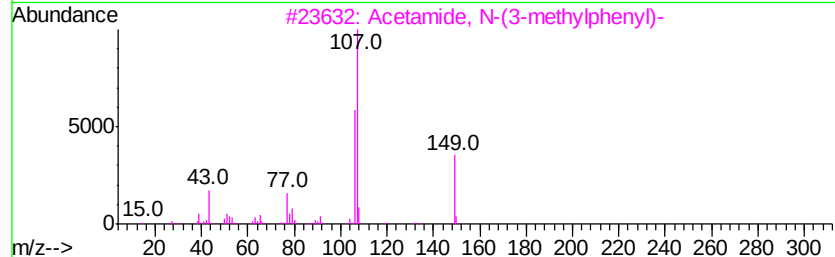
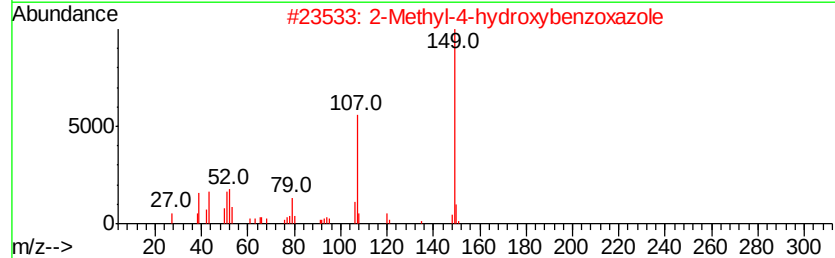
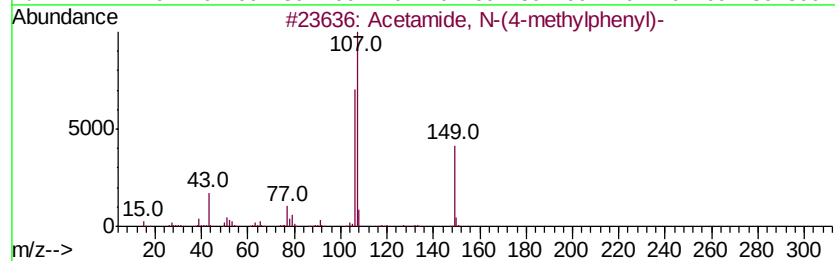
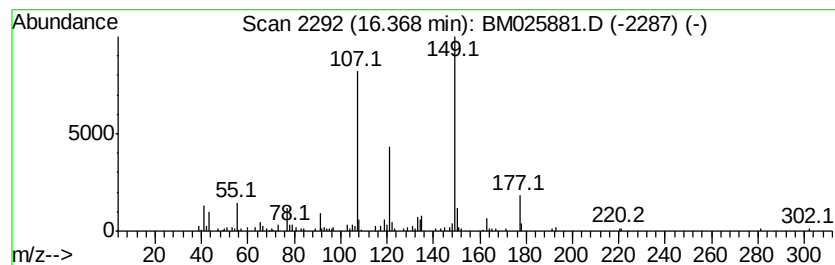
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Peak Number 3 Acetamide, N-(4-methylphenyl)- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.37	2.38 ng/ul	274137	Phenanthrene-d10	16.94

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Acetamide, N-(4-methylphenyl)-	149	C9H11NO	000103-89-9	64
2		2-Methyl-4-hydroxybenzoxazole	149	C8H7NO2	051110-60-2	64
3		Acetamide, N-(3-methylphenyl)-	149	C9H11NO	000537-92-8	59
4		Phenol, 2-methyl-4-(1,1,3,3-tetr...	220	C15H24O	002219-84-3	43
5		Acetamide, N-(4-methylphenyl)-	149	C9H11NO	000103-89-9	43



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040120\
Data File : BM025881.D
Acq On : 01 Apr 2020 00:39
Operator : CG/JU
Sample : L2045-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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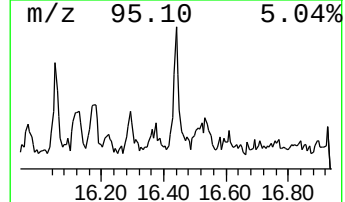
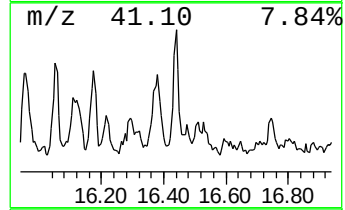
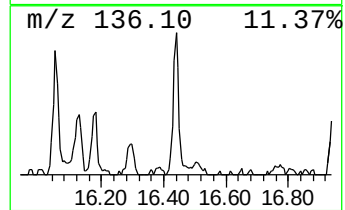
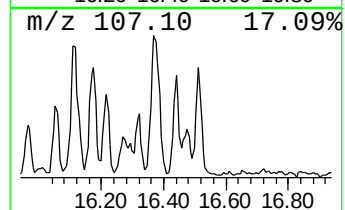
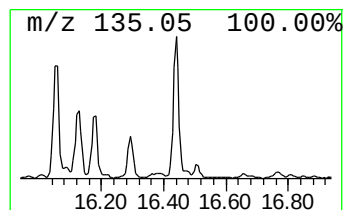
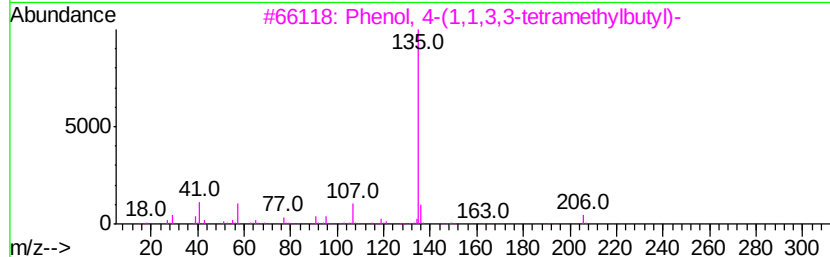
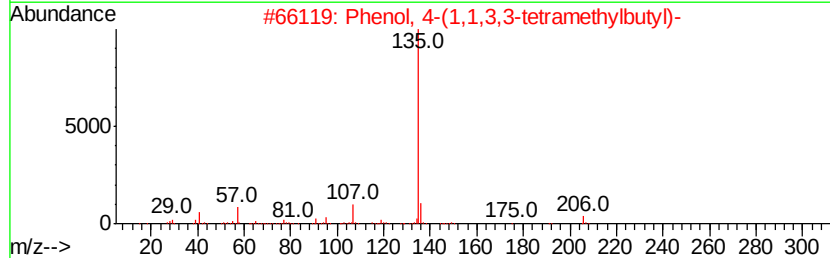
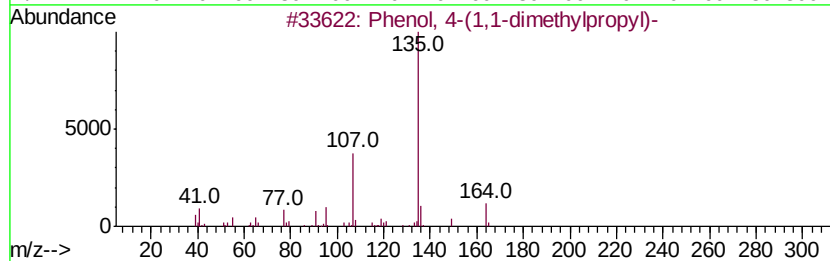
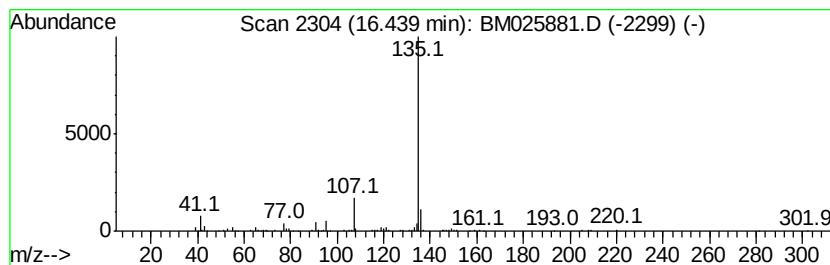
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Phenol, 4-(1,1-dimethylprop... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.44	2.20 ng/ul	252590	Phenanthrene-d10	16.94

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	78
2		Phenol, 4-(1,1,3,3-tetramethylbu...	206	C14H22O	000140-66-9	78
3		Phenol, 4-(1,1,3,3-tetramethylbu...	206	C14H22O	000140-66-9	78
4		Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	78
5		4-(1,1-Dimethylpropyl)phenyl ace...	206	C13H18O2	1000373-45-3	78



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040120\
Data File : BM025881.D
Acq On : 01 Apr 2020 00:39
Operator : CG/JU
Sample : L2045-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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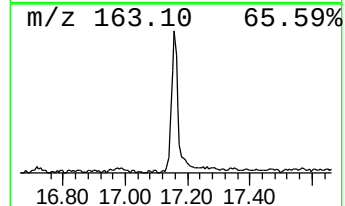
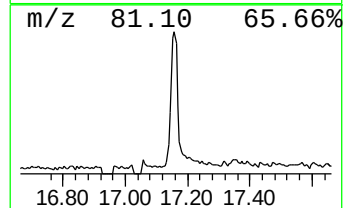
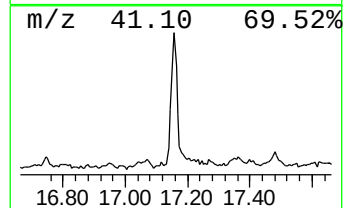
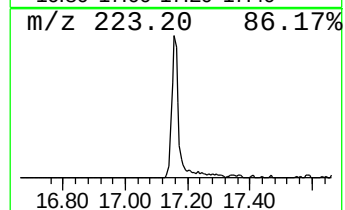
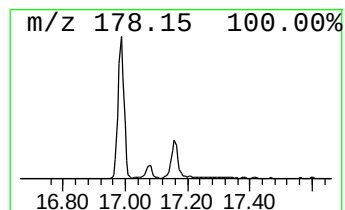
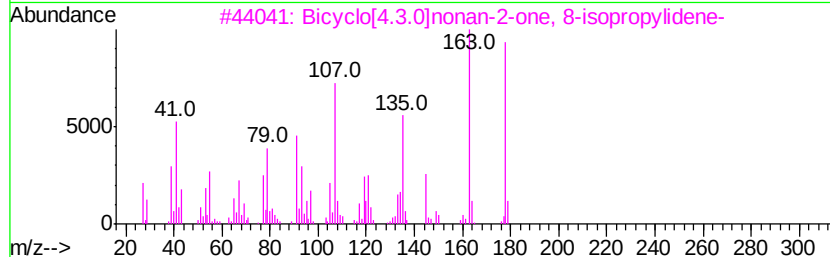
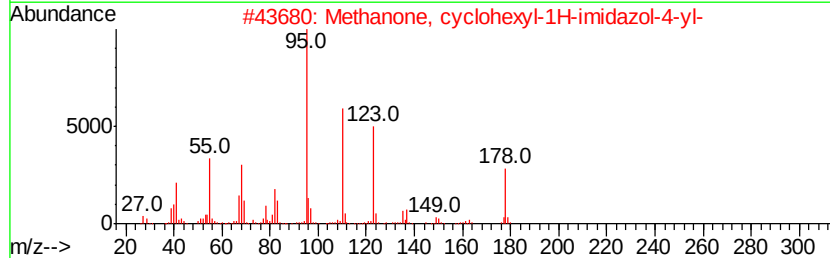
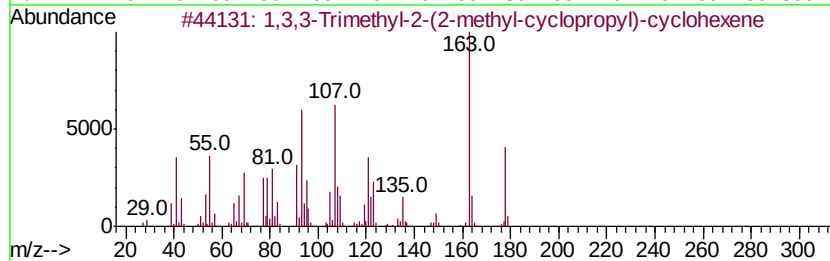
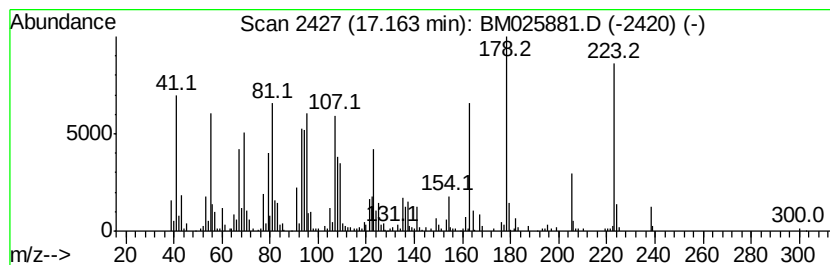
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 unknown-01 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.16	7.25 ng/ul	833949	Phenanthrene-d10	16.94

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,3,3-Trimethyl-2-(2-methyl-cycl...	178	C13H22	285129-06-8	38
2		Methanone, cyclohexyl-1H-imidazo...	178	C10H14N2O	061985-29-3	27
3		Bicyclo[4.3.0]nonan-2-one, 8-iso...	178	C12H18O	1000159-42-7	27
4		1-(2-Fluoro-4-nitro-phenyl)-2-me...	238	C12H15FN2O2	1000278-20-9	18
5		1H-Benzoimidazole, 5-amino-1-m-t...	223	C14H13N3	1000317-05-0	15



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040120\
Data File : BM025881.D
Acq On : 01 Apr 2020 00:39
Operator : CG/JU
Sample : L2045-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

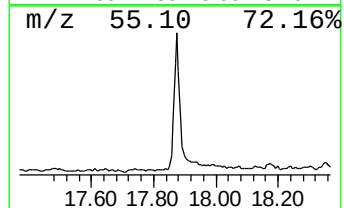
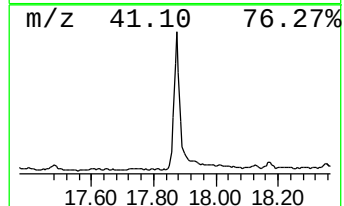
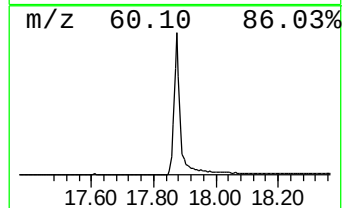
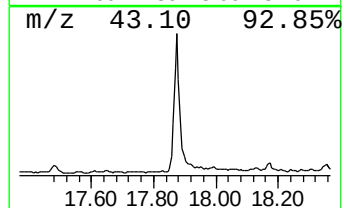
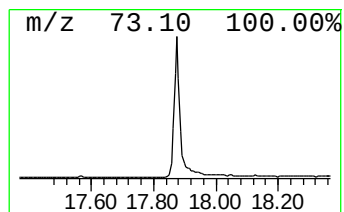
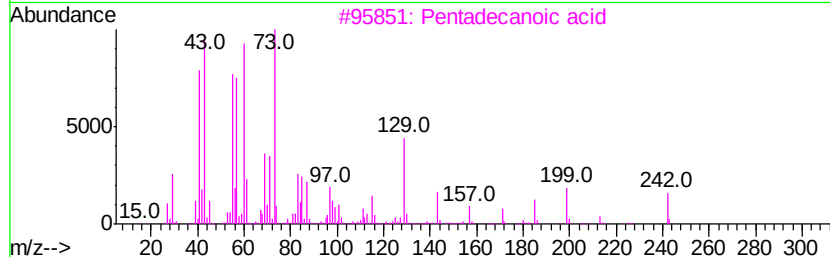
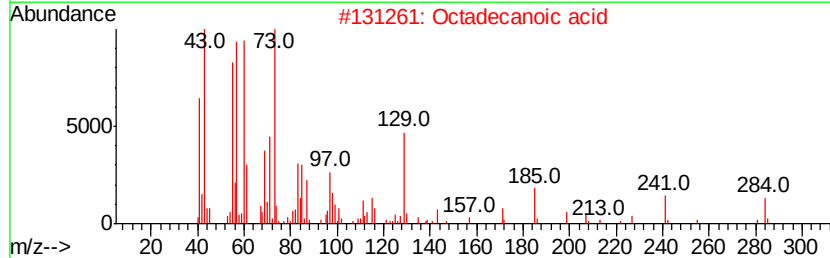
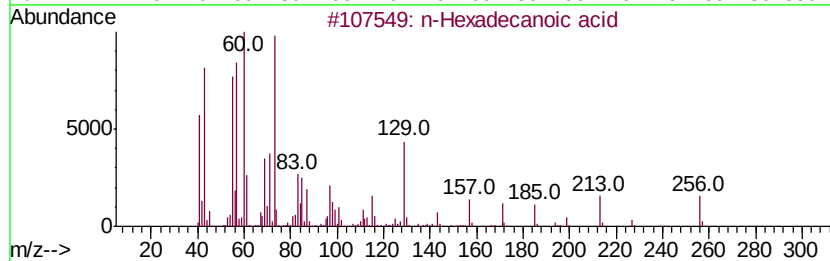
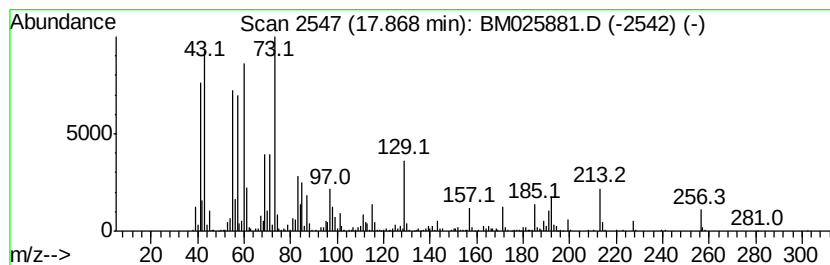
Instrument :
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM031420MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.		
17.87	15.49 ng/ul	1781830	Phenanthrene-d10	16.94		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2		Octadecanoic acid	284	C18H36O2	000057-11-4	93
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	91
4		Tridecanoic acid	214	C13H26O2	000638-53-9	91
5		Tridecanoic acid	214	C13H26O2	000638-53-9	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040120\
Data File : BM025881.D
Acq On : 01 Apr 2020 00:39
Operator : CG/JU
Sample : L2045-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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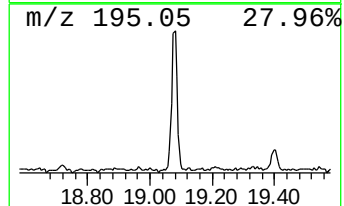
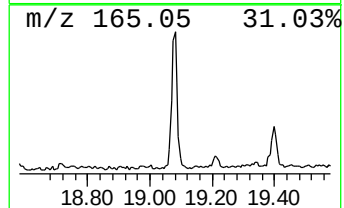
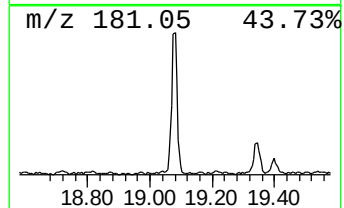
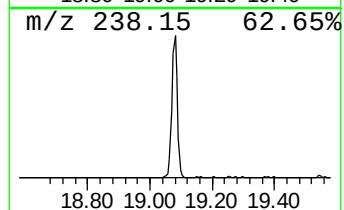
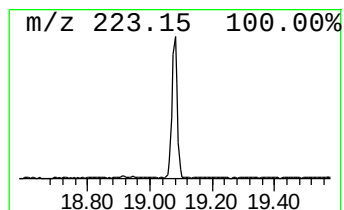
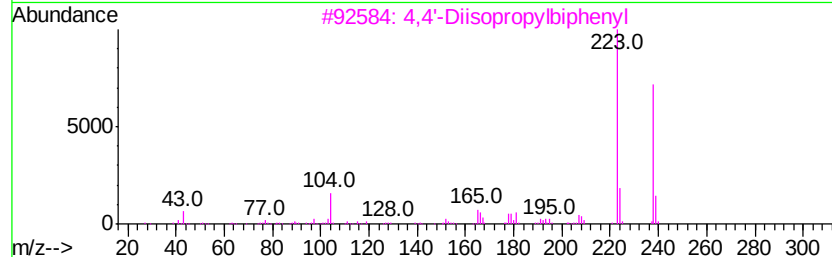
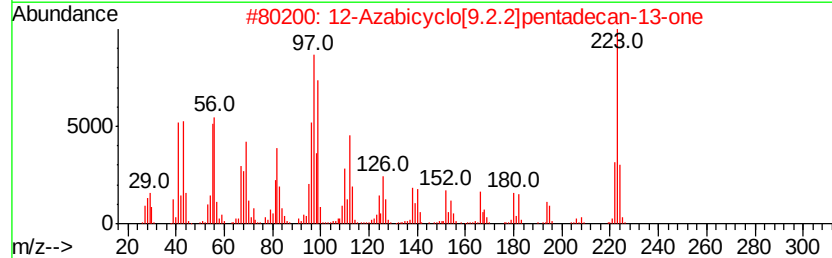
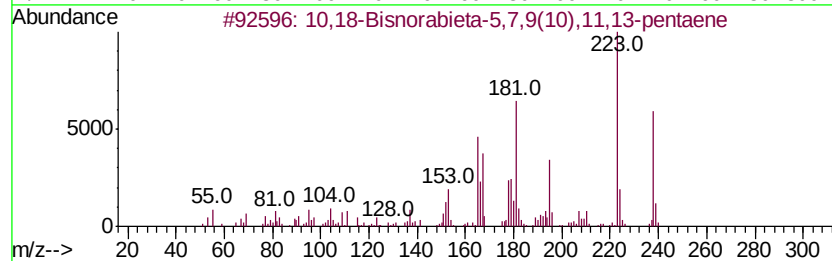
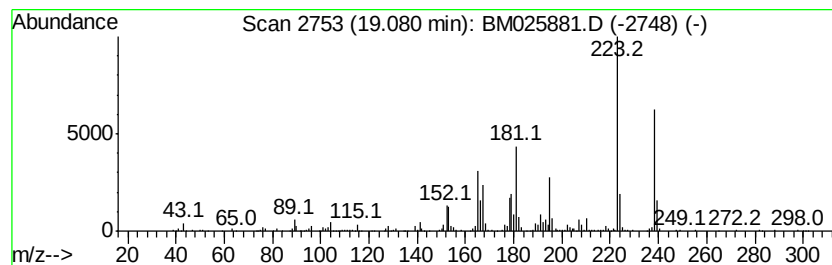
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 10,18-Bisnorabieta-5,7,9(10... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.08	4.31 ng/ul	732778	Chrysene-d12	21.14

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	10,18-Bisnorabieta-5,7,9(10),11,...	238	C18H22	006566-19-4	99
2		12-Azabicyclo[9.2.2]pentadecan-1...	223	C14H25NO	1000191-26-7	74
3		4,4'-Diisopropylbiphenyl	238	C18H22	018970-30-4	60
4		4,4'-Diisopropylbiphenyl	238	C18H22	018970-30-4	58
5		9,10-Anthracenedione, 1-amino-	223	C14H9NO2	000082-45-1	50



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040120\
Data File : BM025881.D
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Sample : L2045-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

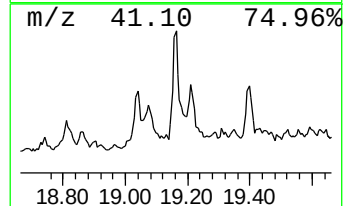
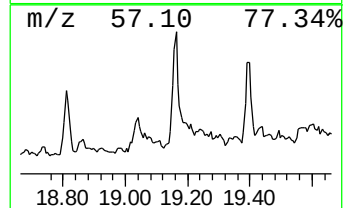
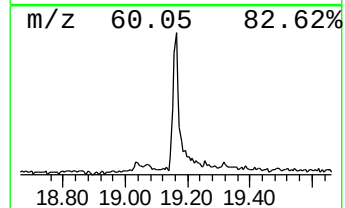
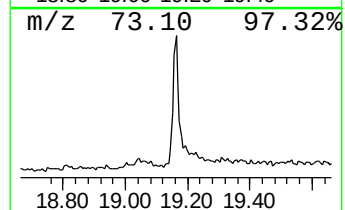
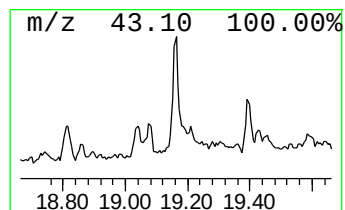
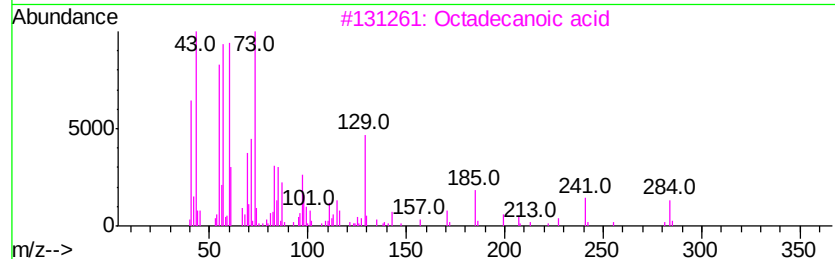
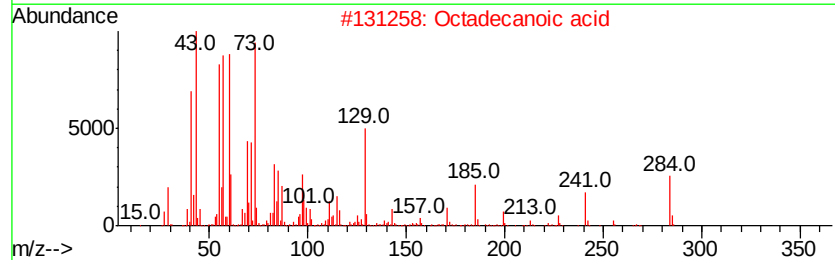
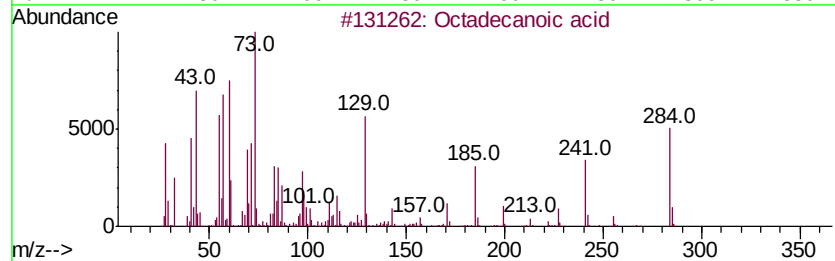
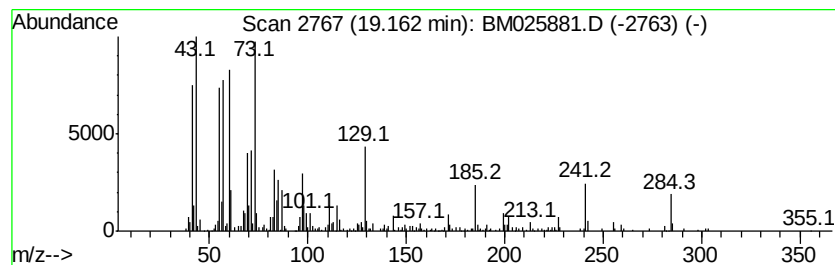
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Octadecanoic acid Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.16	2.57 ng/ul	437903	Chrysene-d12	21.14
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	Octadecanoic acid	284 C18H36O2	000057-11-4	99
4	Octadecanoic acid	284 C18H36O2	000057-11-4	96
5	Pentadecanoic acid	242 C15H30O2	001002-84-2	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040120\
Data File : BM025881.D
Acq On : 01 Apr 2020 00:39
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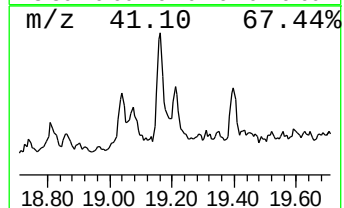
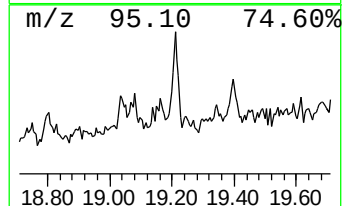
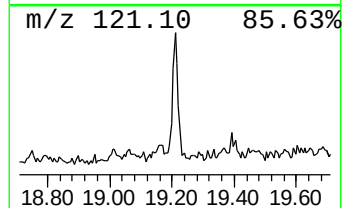
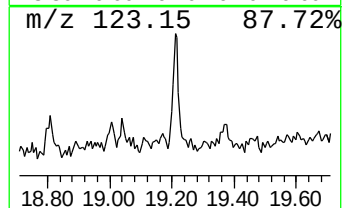
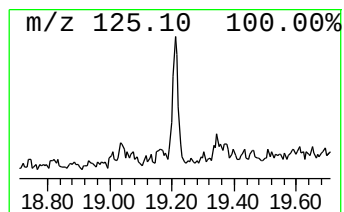
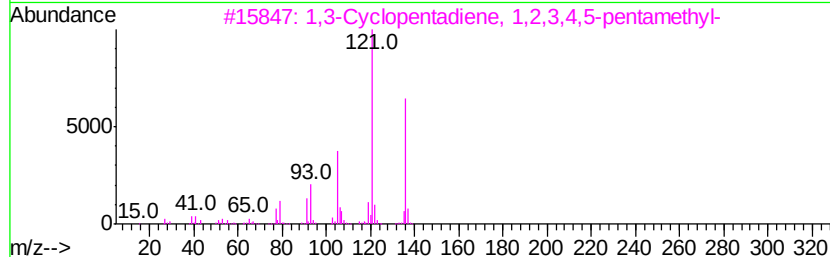
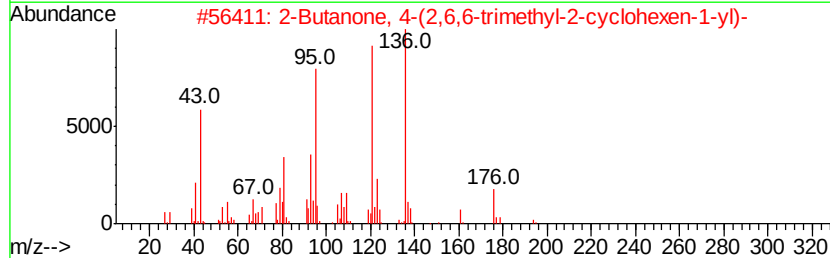
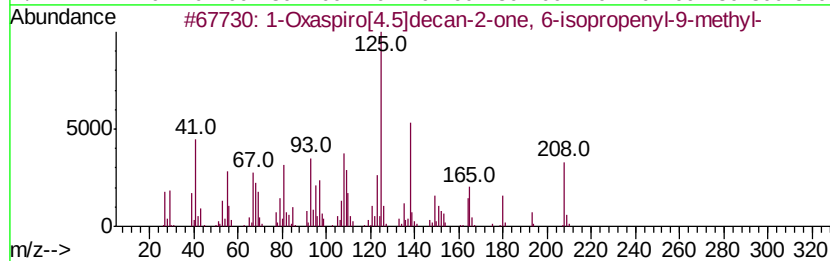
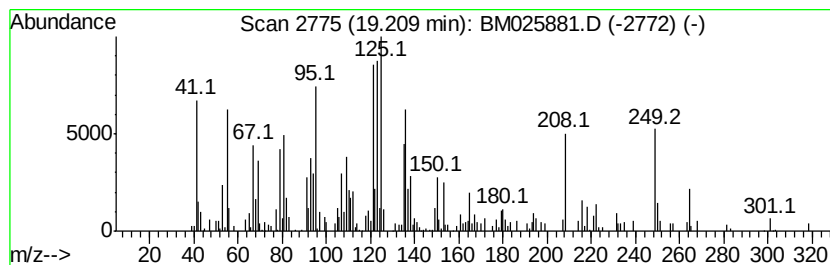
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 unknown-02 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.21	2.06 ng/ul	349546	Chrysene-d12	21.14

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Oxaspiro[4.5]decan-2-one, 6-is...	208	C13H20O2	1000157-58-3	30
2		2-Butanone, 4-(2,6,6-trimethyl-2...	194	C13H22O	031499-72-6	27
3		1,3-Cyclopentadiene, 1,2,3,4,5-p...	136	C10H16	004045-44-7	25
4		2,6,6-Trimethyl-10-methylene-1-o...	194	C13H22O	1000194-34-6	25
5		2-Cyclopenten-1-one, 2,3,4,5-tet...	138	C9H14O	054458-61-6	18



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040120\
Data File : BM025881.D
Acq On : 01 Apr 2020 00:39
Operator : CG/JU
Sample : L2045-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

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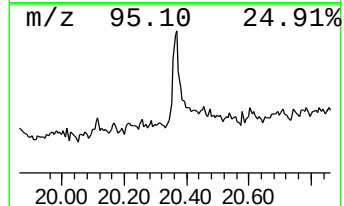
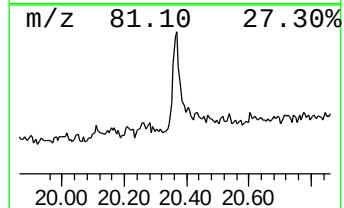
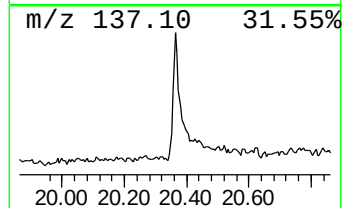
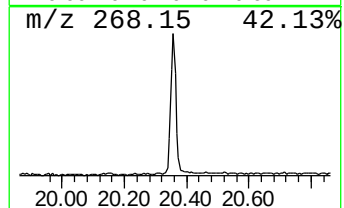
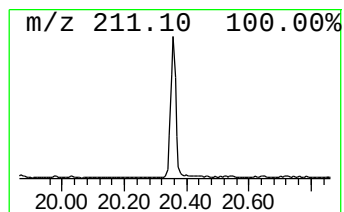
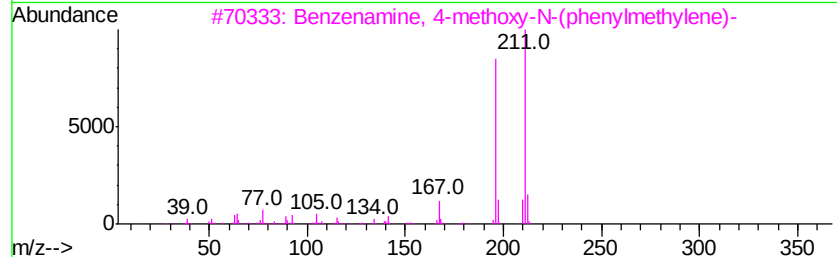
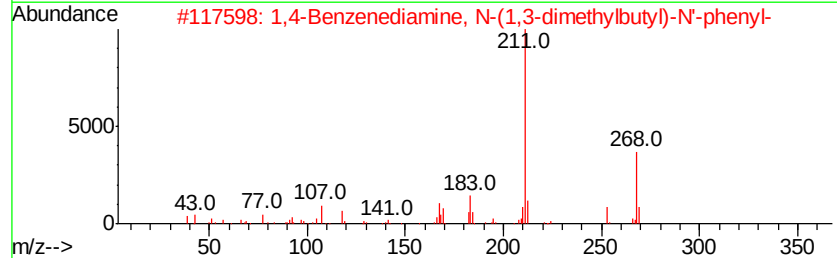
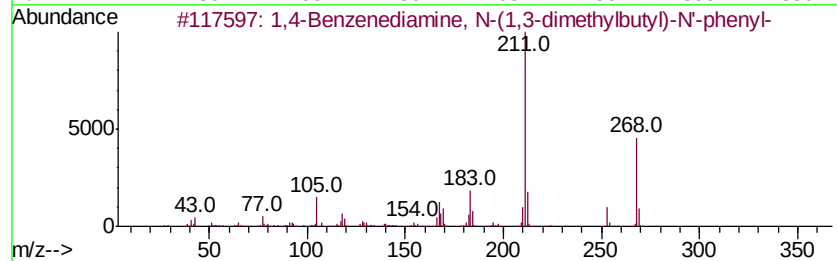
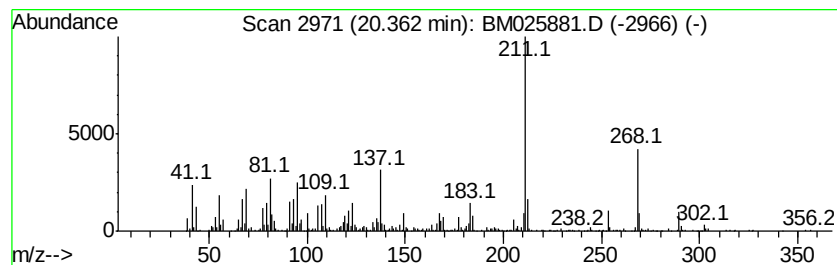
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 1,4-Benzenediamine, N-(1,3-... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.36	5.17 ng/ul	878576	Chrysene-d12	21.14

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,4-Benzenediamine, N-(1,3-dimet...	268	C18H24N2	000793-24-8	99
2			1,4-Benzenediamine, N-(1,3-dimet...	268	C18H24N2	000793-24-8	93
3			Benzenamine, 4-methoxy-N-(phenyl...	211	C14H13NO	000783-08-4	38
4			Propanoic acid, 3-(1,2,3,5,6,11b...	298	C18H22N2O2	096737-38-1	35
5			2,5-Dimethylbenzselenazole	211	C9H9Nse	002818-89-5	35



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040120\
Data File : BM025881.D
Acq On : 01 Apr 2020 00:39
Operator : CG/JU
Sample : L2045-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

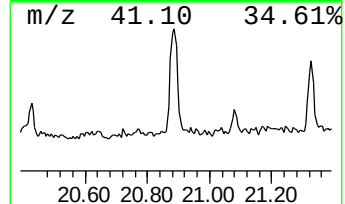
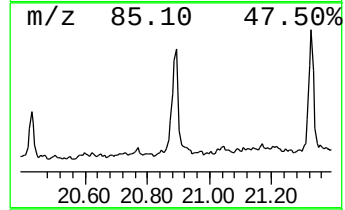
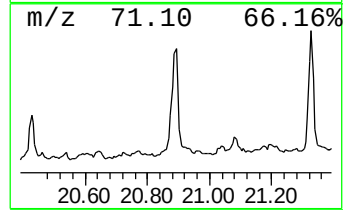
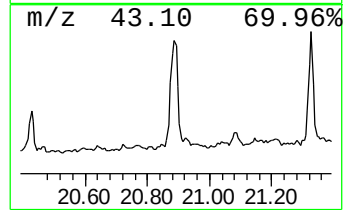
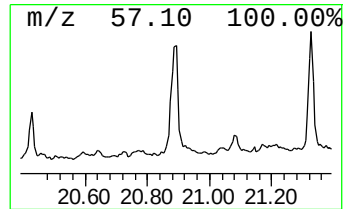
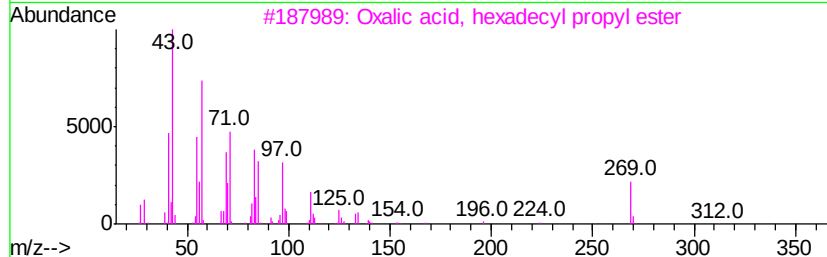
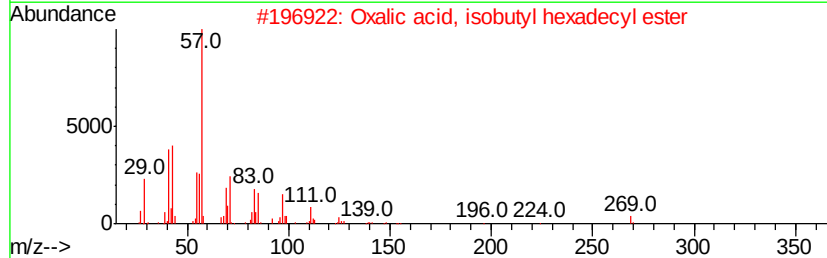
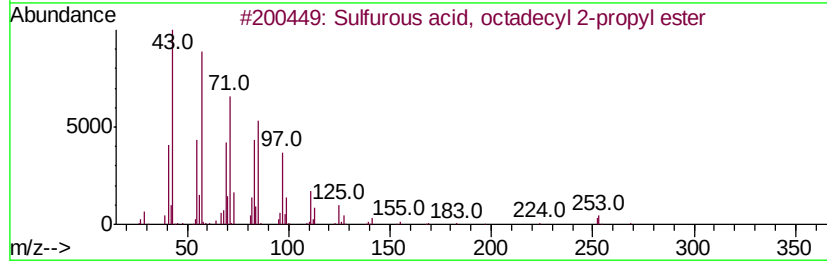
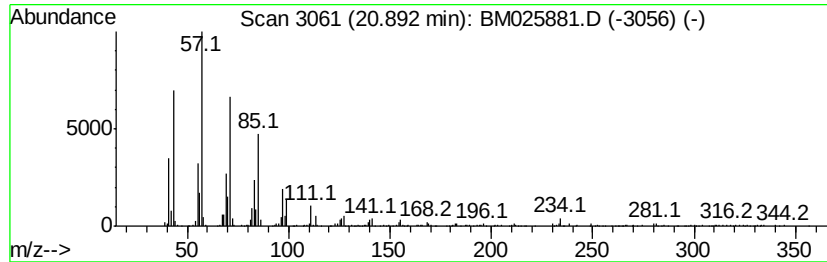
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 Sulfurous acid, octadecyl 2... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.		
20.89	5.12 ng/ul	870871	Chrysene-d12	21.14		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Sulfurous acid, octadecyl 2-prop...	376	C21H44O3S	1000309-12-7	91
2		Oxalic acid, isobutyl hexadecyl ...	370	C22H42O4	1000309-38-1	91
3		Oxalic acid, hexadecyl propyl ester	356	C21H40O4	1000309-26-9	91
4		Ethanol, 2-(hexadecyloxy)-	286	C18H38O2	002136-71-2	91
5		1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040120\
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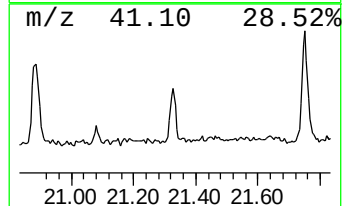
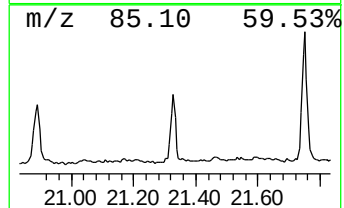
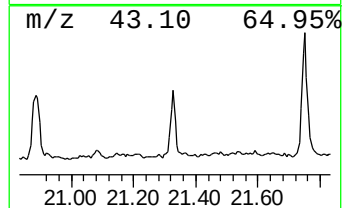
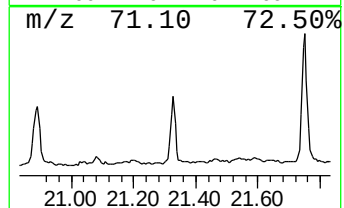
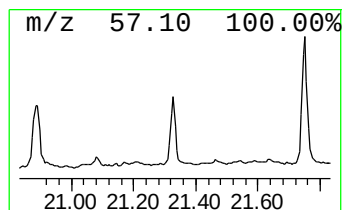
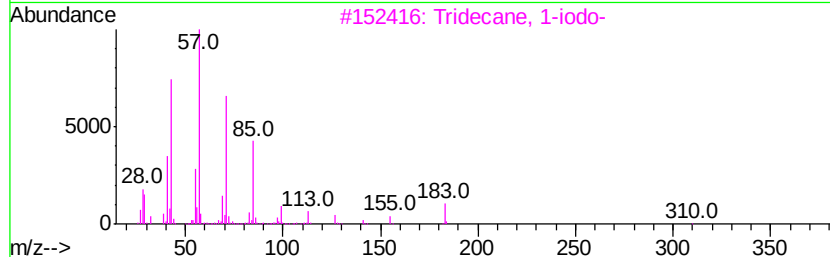
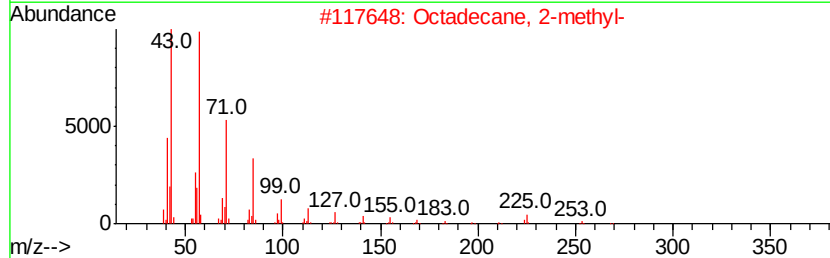
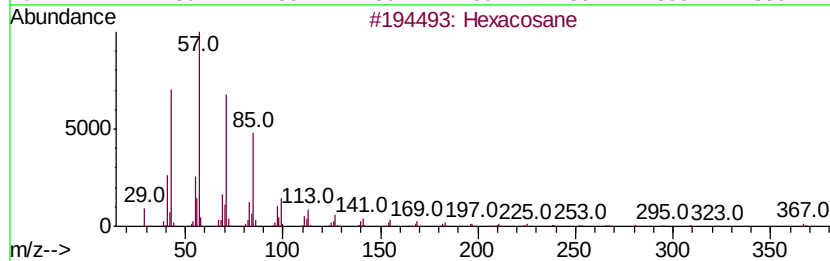
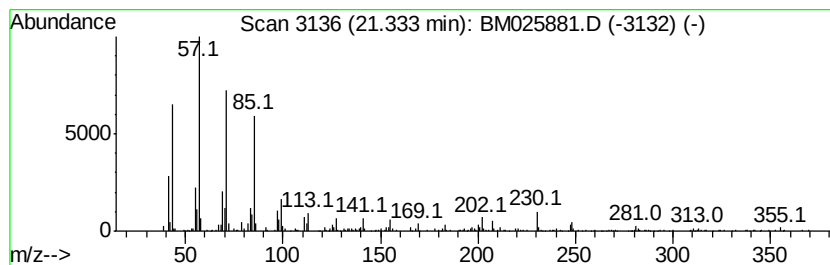
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.33	2.88 ng/ul	490353	Chrysene-d12	21.14

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexacosane	366	C26H54	000630-01-3	93
2			Octadecane, 2-methyl-	268	C19H40	001560-88-9	93
3			Tridecane, 1-iodo-	310	C13H27I	035599-77-0	91
4			Tricosane	324	C23H48	000638-67-5	91
5			Heneicosane	296	C21H44	000629-94-7	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040120\
Data File : BM025881.D
Acq On : 01 Apr 2020 00:39
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Sample : L2045-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
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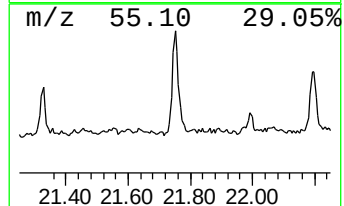
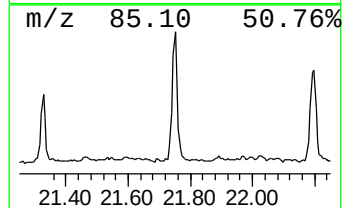
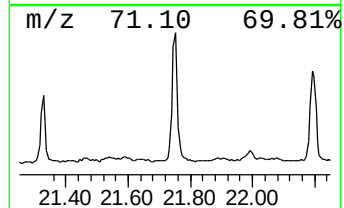
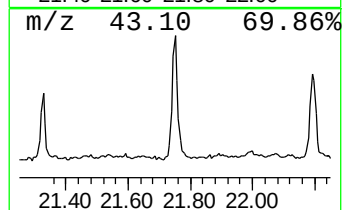
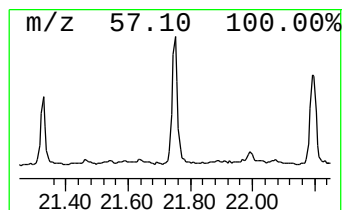
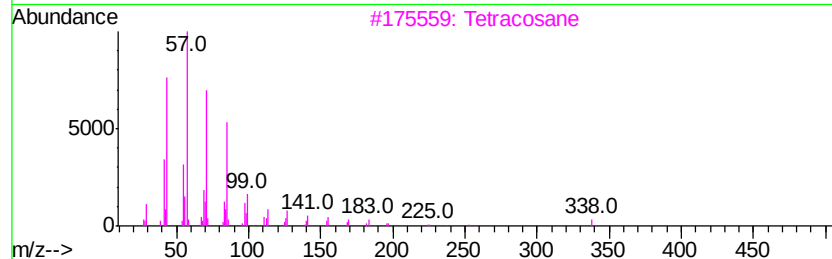
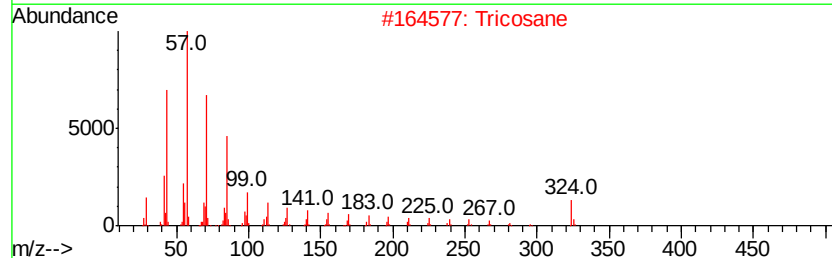
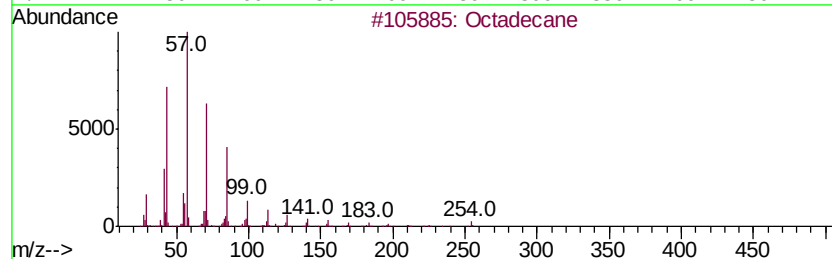
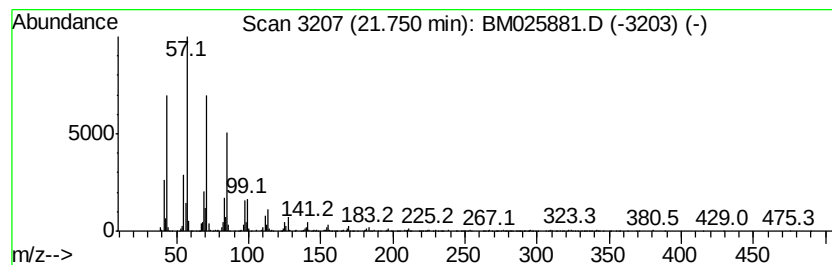
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.75	8.52 ng/ul	1449040	Chrysene-d12	21.14

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecane	254	C18H38	000593-45-3	96
2			Tricosane	324	C23H48	000638-67-5	94
3			Tetracosane	338	C24H50	000646-31-1	94
4			Heptacosane	380	C27H56	000593-49-7	91
5			Hexacosane	366	C26H54	000630-01-3	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040120\
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Acq On : 01 Apr 2020 00:39
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Sample : L2045-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

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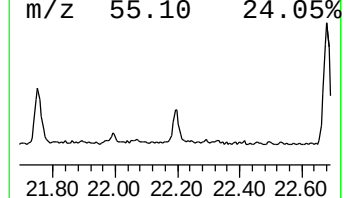
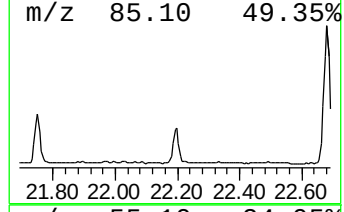
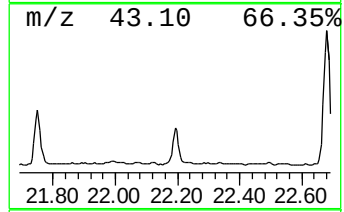
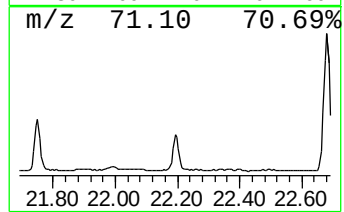
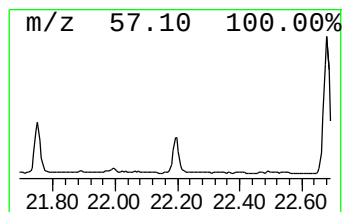
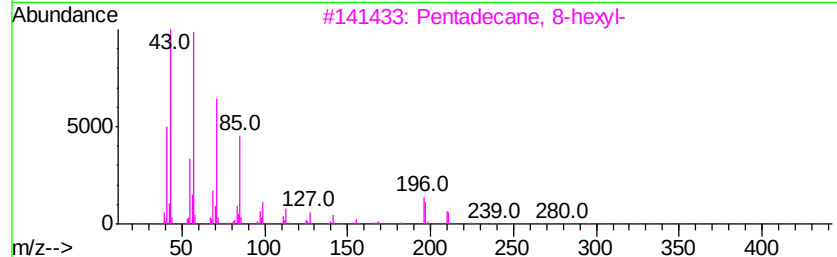
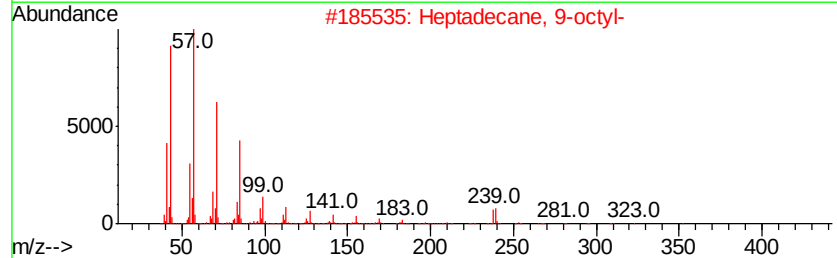
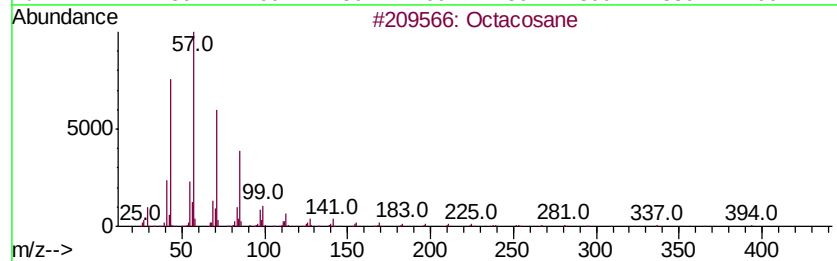
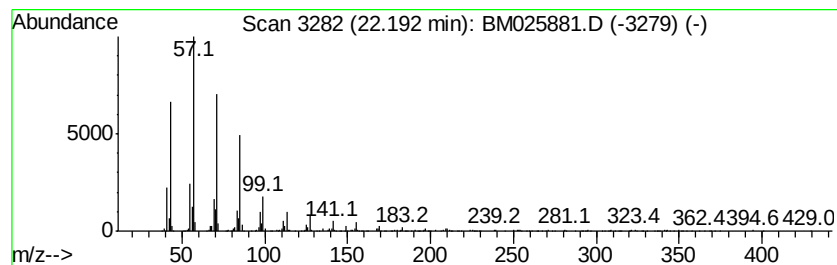
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.19	5.69 ng/ul	967459	Chrysene-d12	21.14

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octacosane	394	C28H58	000630-02-4	96
2			Heptadecane, 9-octyl-	352	C25H52	007225-64-1	95
3			Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	93
4			Heneicosane	296	C21H44	000629-94-7	91
5			Heptacosane	380	C27H56	000593-49-7	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040120\
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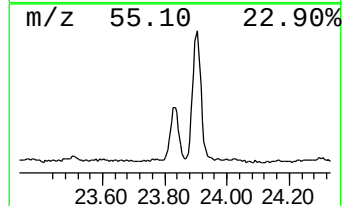
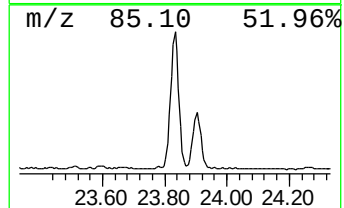
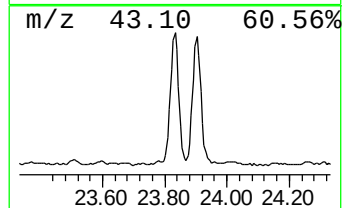
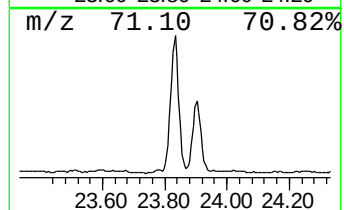
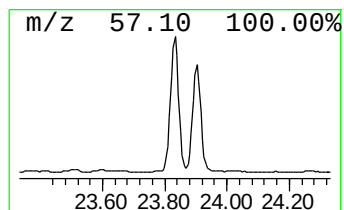
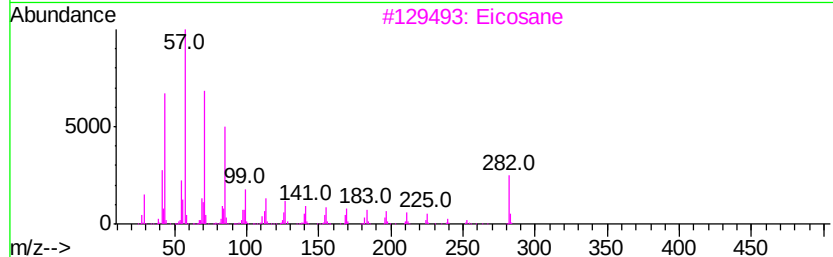
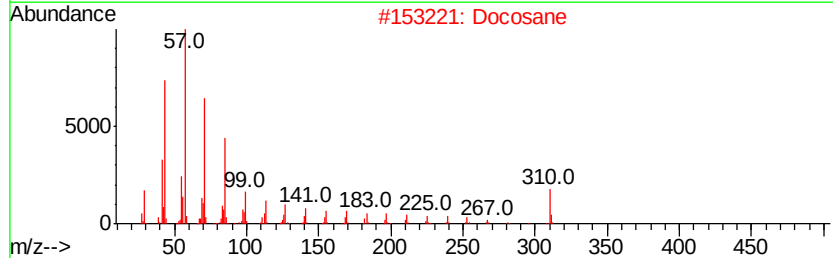
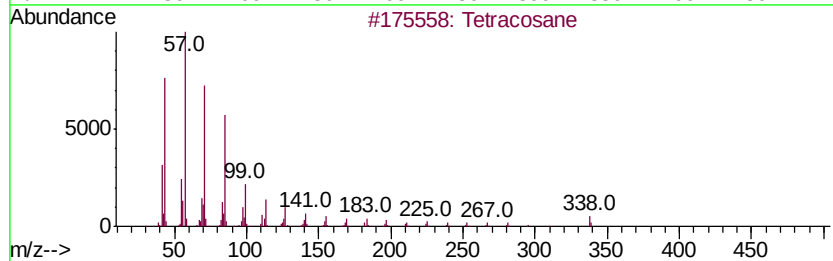
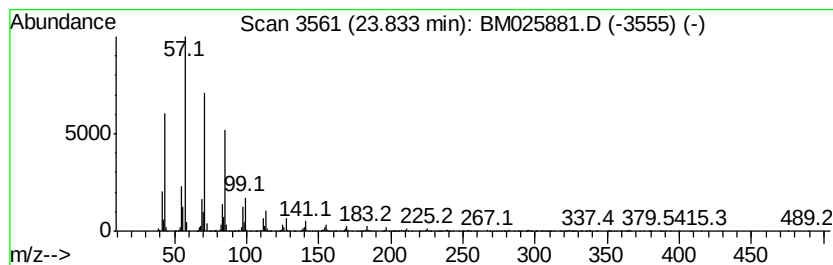
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.83	20.82 ng/ul	2882410	Perylene-d12	23.29

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetracosane	338	C24H50	000646-31-1	94
2		Docosane	310	C22H46	000629-97-0	93
3		Eicosane	282	C20H42	000112-95-8	93
4		Heneicosane	296	C21H44	000629-94-7	91
5		Tetracosane	338	C24H50	000646-31-1	91



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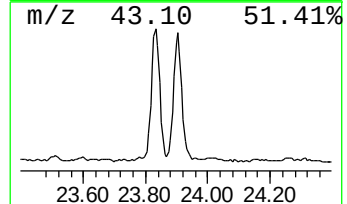
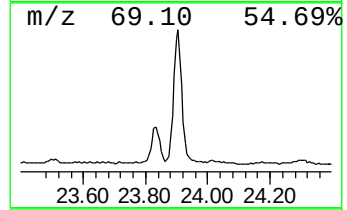
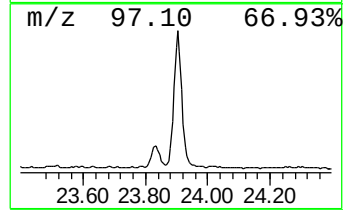
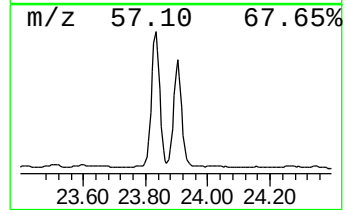
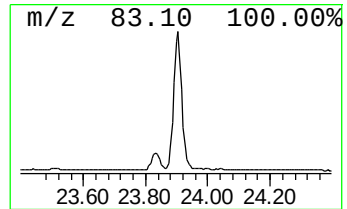
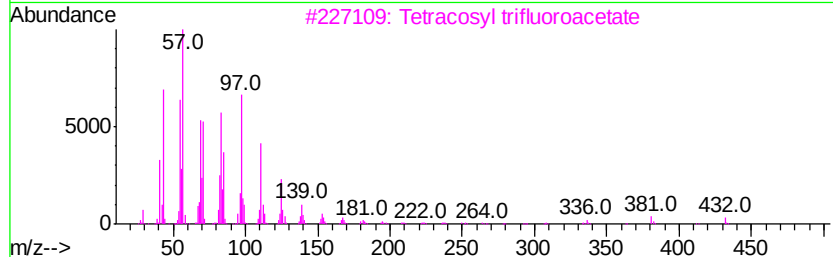
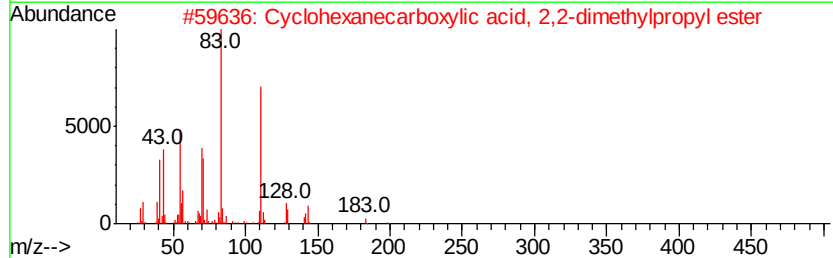
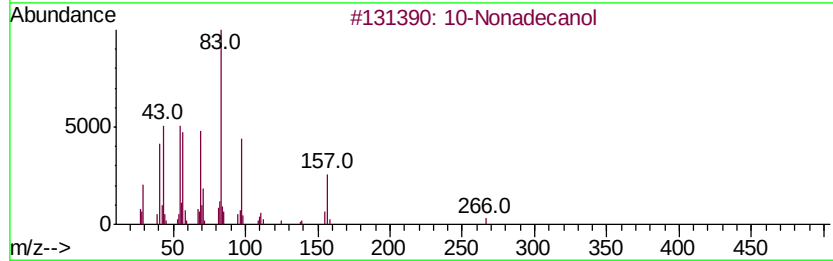
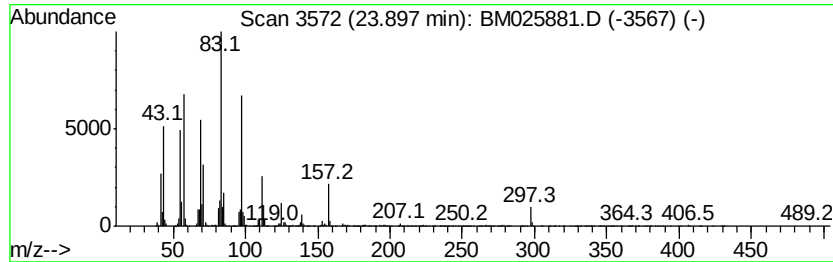
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 10-Nonadecanol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.90	33.96 ng/ul	4700100	Perylene-d12	23.29
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		10-Nonadecanol	284 C19H40O	016840-84-9 64
2		Cyclohexanecarboxylic acid, 2,2-...	198 C12H22O2	1000279-85-6 46
3		Tetracosyl trifluoroacetate	450 C26H49F3O2	1000351-76-4 45
4		Octacosyl pentafluoropropionate	556 C31H57F5O2	1000351-88-9 43
5		Hexacosyl trifluoroacetate	478 C28H53F3O2	1000351-75-0 43



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Acq On : 01 Apr 2020 00:39
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ClientSampleId :
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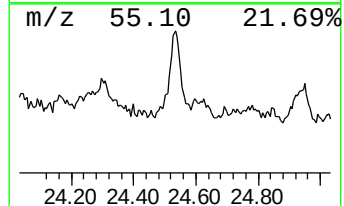
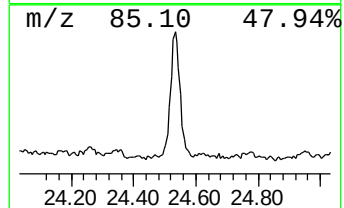
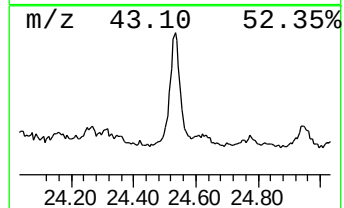
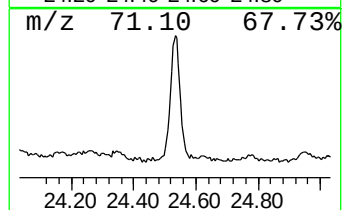
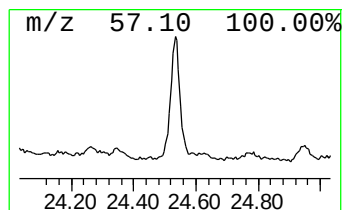
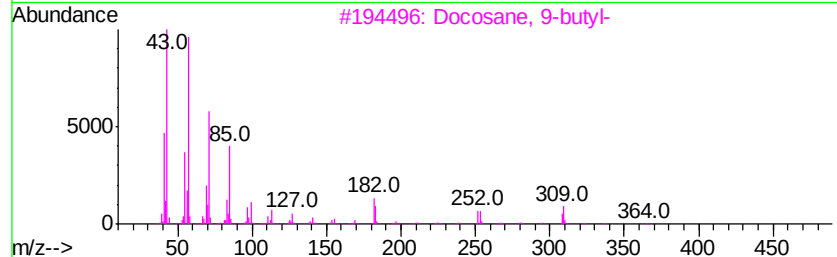
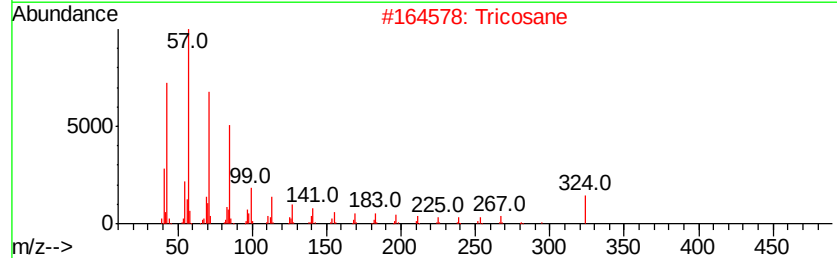
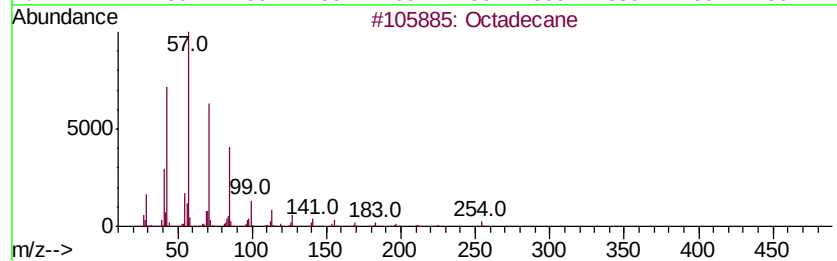
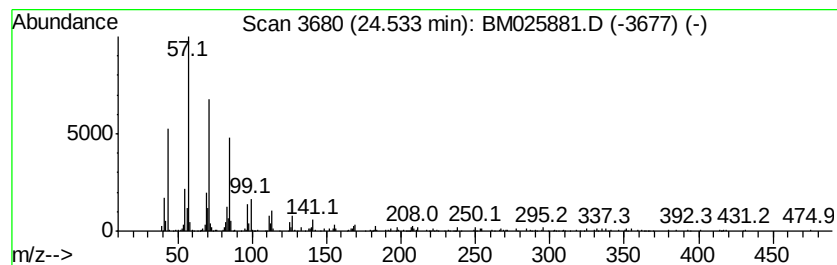
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 (DEL) Alkane: Straight-Chai... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.53	4.68 ng/ul	648205	Perylene-d12	23.29

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecane	254	C18H38	000593-45-3	96
2			Tricosane	324	C23H48	000638-67-5	95
3			Docosane, 9-butyl-	366	C26H54	055282-14-9	93
4			Octadecane	254	C18H38	000593-45-3	93
5			Docosane, 11-butyl-	366	C26H54	013475-76-8	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040120\
Data File : BM025881.D
Acq On : 01 Apr 2020 00:39
Operator : CG/JU
Sample : L2045-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AB9

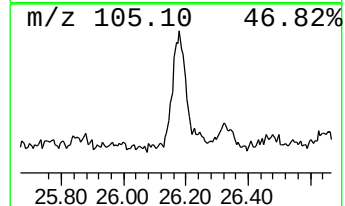
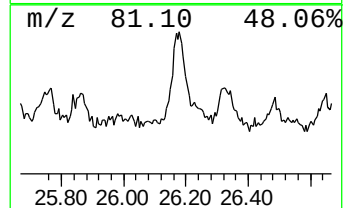
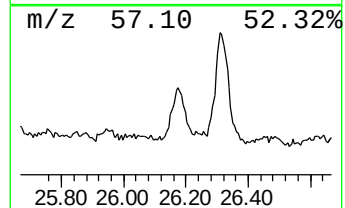
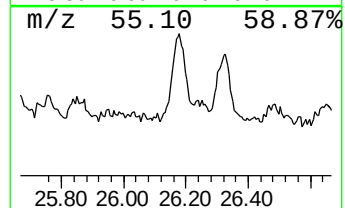
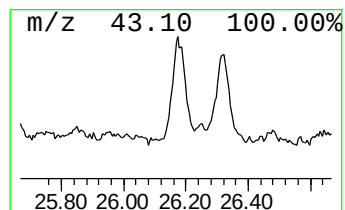
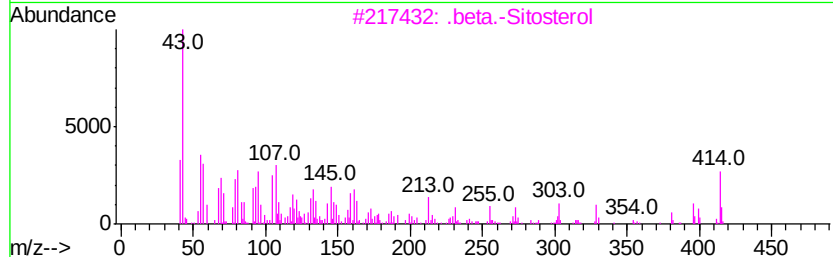
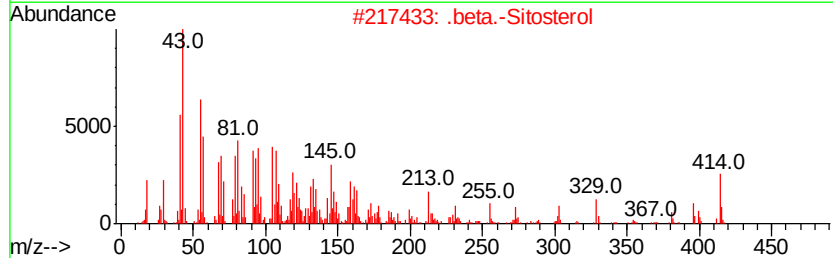
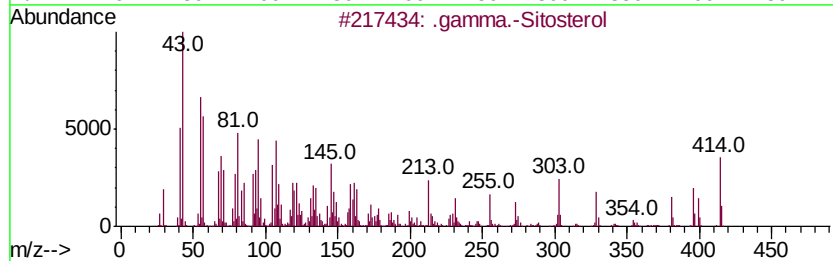
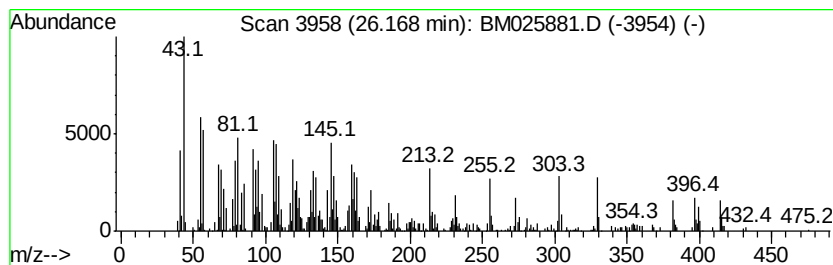
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 .gamma.-Sitosterol Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.17	8.15 ng/ul	1127890	Perylene-d12	23.29

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	.gamma.-Sitosterol	414	C29H50O	000083-47-6	99
2		.beta.-Sitosterol	414	C29H50O	000083-46-5	98
3		.beta.-Sitosterol	414	C29H50O	000083-46-5	91
4		Ergost-5-en-3-ol, (3.beta.)-	400	C28H48O	004651-51-8	43
5		Campesterol	400	C28H48O	000474-62-4	37



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040120\
 Data File : BM025881.D
 Acq On : 01 Apr 2020 00:39
 Operator : CG/JU
 Sample : L2045-02
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AB9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM031420MA.M
 Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
 TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
.alpha.-Pinene	6.27	6.4	ng/ul	342742	1	7.56	1072670	20.0
1,3-Cyclopentadie...	16.12	2.2	ng/ul	250124	4	16.94	2299950	20.0
Acetamide, N-(4-m...	16.37	2.4	ng/ul	274137	4	16.94	2299950	20.0
Phenol, 4-(1,1-di...	16.44	2.2	ng/ul	252590	4	16.94	2299950	20.0
unknown-01	17.16	7.3	ng/ul	833949	4	16.94	2299950	20.0
n-Hexadecanoic acid	17.87	15.5	ng/ul	1781830	4	16.94	2299950	20.0
10,18-Bisnorabiet...	19.08	4.3	ng/ul	732778	5	21.14	3401240	20.0
Octadecanoic acid	19.16	2.6	ng/ul	437903	5	21.14	3401240	20.0
unknown-02	19.21	2.1	ng/ul	349546	5	21.14	3401240	20.0
1,4-Benzenediamin...	20.36	5.2	ng/ul	878576	5	21.14	3401240	20.0
Sulfurous acid, o...	20.89	5.1	ng/ul	870871	5	21.14	3401240	20.0
(DEL) Alkane: Str...	21.33	2.9	ng/ul	490353	5	21.14	3401240	20.0
(DEL) Alkane: Str...	21.75	8.5	ng/ul	1449040	5	21.14	3401240	20.0
(DEL) Alkane: Str...	22.19	5.7	ng/ul	967459	5	21.14	3401240	20.0
(DEL) Alkane: Str...	23.83	20.8	ng/ul	2882410	6	23.29	2768310	20.0
10-Nonadecanol	23.90	34.0	ng/ul	4700100	6	23.29	2768310	20.0
(DEL) Alkane: Str...	24.53	4.7	ng/ul	648205	6	23.29	2768310	20.0
.gamma.-Sitosterol	26.17	8.2	ng/ul	1127890	6	23.29	2768310	20.0