

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP063023\
 Data File : BP015842.D
 Acq On : 30 Jun 2023 13:58
 Operator : MA/JU
 Sample : 03161-22
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCFX8

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-BP062623.MA.M
 Title : SVOA CALIBRATION

Signal : TIC: BP015842.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.375	29	32	37	rVB	33378	44609	0.58%	0.047%
2	3.828	107	109	122	rBV	243499	411894	5.33%	0.431%
3	3.928	122	126	135	rVB	62211	97626	1.26%	0.102%
4	4.046	142	146	152	rVB	44630	69961	0.90%	0.073%
5	4.146	161	163	169	rVB2	17138	20695	0.27%	0.022%
6	4.387	200	204	210	rVB2	28784	42962	0.56%	0.045%
7	4.540	226	230	232	rBV5	8552	12124	0.16%	0.013%
8	4.728	259	262	268	rVB6	8981	12916	0.17%	0.014%
9	4.816	273	277	280	rVB5	8036	10690	0.14%	0.011%
10	5.099	321	325	327	rBV	9137	11933	0.15%	0.012%
11	5.234	343	348	352	rBV8	7810	14809	0.19%	0.015%
12	6.699	592	597	601	rVB2	25904	37060	0.48%	0.039%
13	7.240	681	689	707	rBV	322192	957813	12.39%	1.002%
14	7.381	707	713	725	rBV	410068	757544	9.80%	0.792%
15	7.587	742	748	767	rBV	498790	1005874	13.01%	1.052%
16	8.051	820	827	843	rBV	728633	1465477	18.95%	1.533%
17	8.581	908	917	920	rBV	6717	18454	0.24%	0.019%
18	8.798	947	954	973	rBV	283106	850627	11.00%	0.890%
19	9.251	1023	1031	1049	rBV	426872	1005018	13.00%	1.051%
20	9.592	1084	1089	1093	rVB7	7770	11241	0.15%	0.012%
21	9.981	1147	1155	1174	rBV	280134	837906	10.84%	0.876%
22	10.557	1246	1253	1275	rBV	319207	1151766	14.90%	1.205%
23	10.887	1301	1309	1326	rBV	1050305	2163803	27.98%	2.263%
24	11.087	1336	1343	1365	rBV2	99695	400204	5.18%	0.419%
25	11.763	1449	1458	1461	rBV10	4476	13038	0.17%	0.014%
26	11.881	1474	1478	1482	rBV6	8547	15110	0.20%	0.016%
27	12.286	1541	1547	1553	rVB10	6111	13223	0.17%	0.014%
28	12.498	1579	1583	1590	rVB7	8085	17835	0.23%	0.019%
29	13.216	1702	1705	1708	rBV3	9778	12815	0.17%	0.013%
30	13.422	1735	1740	1742	rBV5	9483	13989	0.18%	0.015%
31	13.445	1742	1744	1750	rVV7	11368	17544	0.23%	0.018%
32	13.504	1750	1754	1759	rVV5	11558	20663	0.27%	0.022%
33	13.569	1760	1765	1773	rVB5	20893	46434	0.60%	0.049%
34	13.851	1809	1813	1816	rBV5	9168	13265	0.17%	0.014%
35	14.010	1835	1840	1846	rBV9	15588	32978	0.43%	0.034%
36	14.116	1849	1858	1870	rVV	1126323	2019405	26.12%	2.112%

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Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
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37	14.210	1872	1874	1881	rVB8	21165	32430	0.42%	0.034%
38	14.398	1898	1906	1920	rBV2	1491425	2464774	31.88%	2.578%
39	14.522	1924	1927	1931	rVV6	18902	31304	0.40%	0.033%
40	14.575	1931	1936	1940	rVB2	19280	29437	0.38%	0.031%

41	14.704	1952	1958	1973	rBV	1733858	2814088	36.39%	2.943%
42	14.804	1973	1975	1980	rVB6	10453	10784	0.14%	0.011%
43	14.933	1987	1997	2001	rBV7	25572	53006	0.69%	0.055%
44	14.998	2001	2008	2024	rBV3	136672	553804	7.16%	0.579%
45	15.122	2025	2029	2032	rVB5	15342	25957	0.34%	0.027%

46	15.469	2084	2088	2094	rBV9	9525	17625	0.23%	0.018%
47	15.522	2094	2097	2103	rVB2	23996	36112	0.47%	0.038%
48	15.604	2103	2111	2118	rBV2	19864	43987	0.57%	0.046%
49	15.704	2120	2128	2146	rBV	1756426	3119853	40.35%	3.263%
50	15.875	2151	2157	2172	rBV	244507	664542	8.59%	0.695%

51	16.075	2185	2191	2199	rBV	385965	602451	7.79%	0.630%
52	16.257	2220	2222	2228	rVB7	22490	30755	0.40%	0.032%
53	16.322	2229	2233	2235	rBV4	12535	15664	0.20%	0.016%
54	16.551	2268	2272	2279	rBV6	32592	49923	0.65%	0.052%
55	16.622	2279	2284	2291	rVV5	51071	116274	1.50%	0.122%

56	16.763	2302	2308	2314	rBV	36625	71412	0.92%	0.075%
57	16.839	2319	2321	2326	rVB4	24861	32003	0.41%	0.033%
58	16.998	2344	2348	2352	rBV7	18261	32158	0.42%	0.034%
59	17.180	2376	2379	2386	rBV2	31039	43252	0.56%	0.045%
60	17.286	2395	2397	2401	rVB	25704	30937	0.40%	0.032%

61	17.333	2401	2405	2413	rBV3	55053	92829	1.20%	0.097%
62	17.404	2413	2417	2421	rBV3	39801	52489	0.68%	0.055%
63	17.463	2421	2427	2432	rBV	1981714	3070590	39.71%	3.211%
64	17.510	2432	2435	2440	rVV2	191185	376274	4.87%	0.394%
65	17.569	2440	2445	2457	rVB2	1571195	2641052	34.16%	2.762%

66	17.921	2502	2505	2509	rVB	32816	38246	0.49%	0.040%
67	18.098	2532	2535	2539	rVB2	76460	89482	1.16%	0.094%
68	18.210	2550	2554	2558	rBV	73923	99707	1.29%	0.104%
69	18.269	2558	2564	2569	rBV	2398440	3112978	40.26%	3.256%
70	18.327	2569	2574	2592	rVB	4938645	6890058	89.11%	7.206%

71	18.521	2603	2607	2611	rVB2	275364	349230	4.52%	0.365%
72	18.586	2615	2618	2628	rVB4	85592	177307	2.29%	0.185%
73	18.739	2641	2644	2657	rVB3	159498	310782	4.02%	0.325%
74	19.192	2718	2721	2724	rBV	111352	141711	1.83%	0.148%
75	19.227	2724	2727	2733	rVB2	128828	188028	2.43%	0.197%

76	19.410	2754	2758	2759	rBV2	650891	759301	9.82%	0.794%
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77	19.433	2759	2762	2765	rVV	1450821	1670309	21.60%	1.747%
78	19.545	2777	2781	2786	rBV	1110006	1436903	18.58%	1.503%
79	19.751	2814	2816	2818	rBV	95529	98794	1.28%	0.103%
80	19.792	2818	2823	2837	rVB2	2401992	4078348	52.74%	4.265%
81	19.927	2842	2846	2853	rVB	741362	859398	11.11%	0.899%
82	20.268	2900	2904	2908	rBV2	363799	443828	5.74%	0.464%
83	20.592	2955	2959	2965	rBV4	316390	563791	7.29%	0.590%
84	20.757	2984	2987	2996	rVB5	167276	274313	3.55%	0.287%
85	20.927	3014	3016	3021	rVB	140556	132330	1.71%	0.138%
86	21.227	3060	3067	3073	rBV2	1353255	2421637	31.32%	2.533%
87	21.521	3114	3117	3118	rBV	288153	325287	4.21%	0.340%
88	21.557	3118	3123	3128	rVB2	1501386	2444176	31.61%	2.556%
89	22.133	3217	3221	3224	rBV	628260	832898	10.77%	0.871%
90	22.180	3225	3229	3238	rVB	943028	1576616	20.39%	1.649%
91	22.921	3352	3355	3361	rVB	467587	646809	8.36%	0.676%
92	23.239	3404	3409	3415	rVB	2708565	4285385	55.42%	4.482%
93	23.327	3419	3424	3435	rVB	863298	2070531	26.78%	2.165%
94	23.933	3523	3527	3534	rVB2	1003781	1955641	25.29%	2.045%
95	24.098	3550	3555	3570	rVB	1064214	2531476	32.74%	2.648%
96	24.280	3583	3586	3595	rVB	760498	1409442	18.23%	1.474%
97	24.674	3647	3653	3665	rVB	2074027	4514736	58.39%	4.722%
98	26.127	3893	3900	3915	rVB2	1564769	4220553	54.58%	4.414%
99	26.639	3979	3987	4010	rVB	1932844	7732449	100.00%	8.087%
100	27.739	4166	4174	4190	rVB3	1502195	6128948	79.26%	6.410%

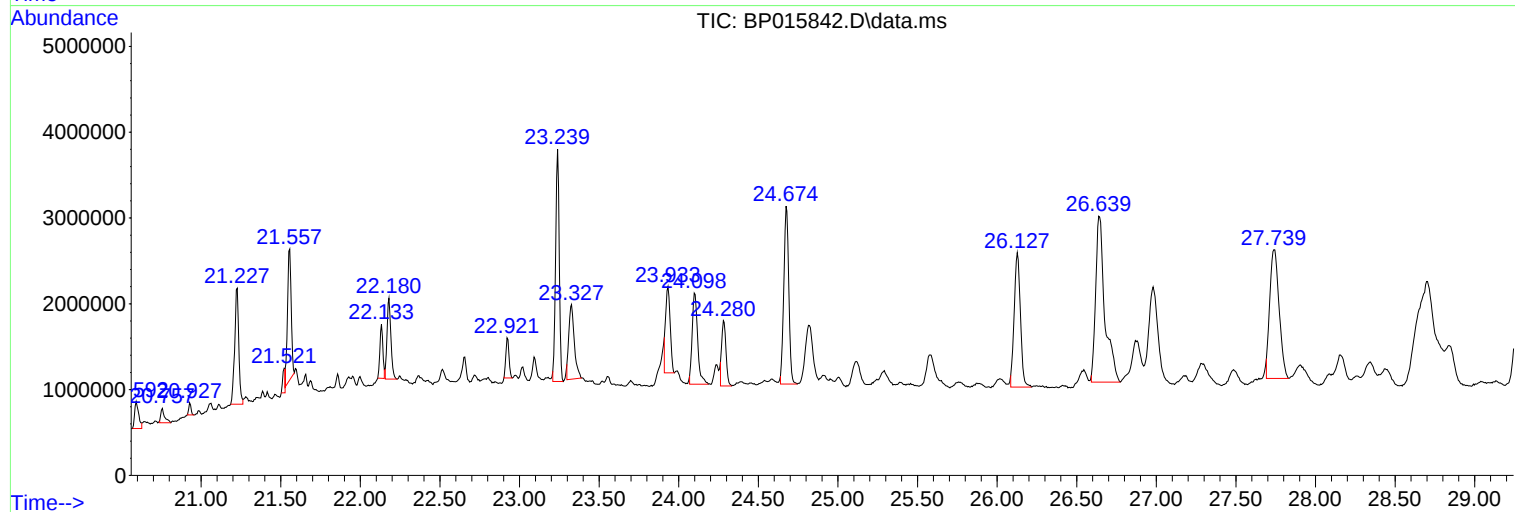
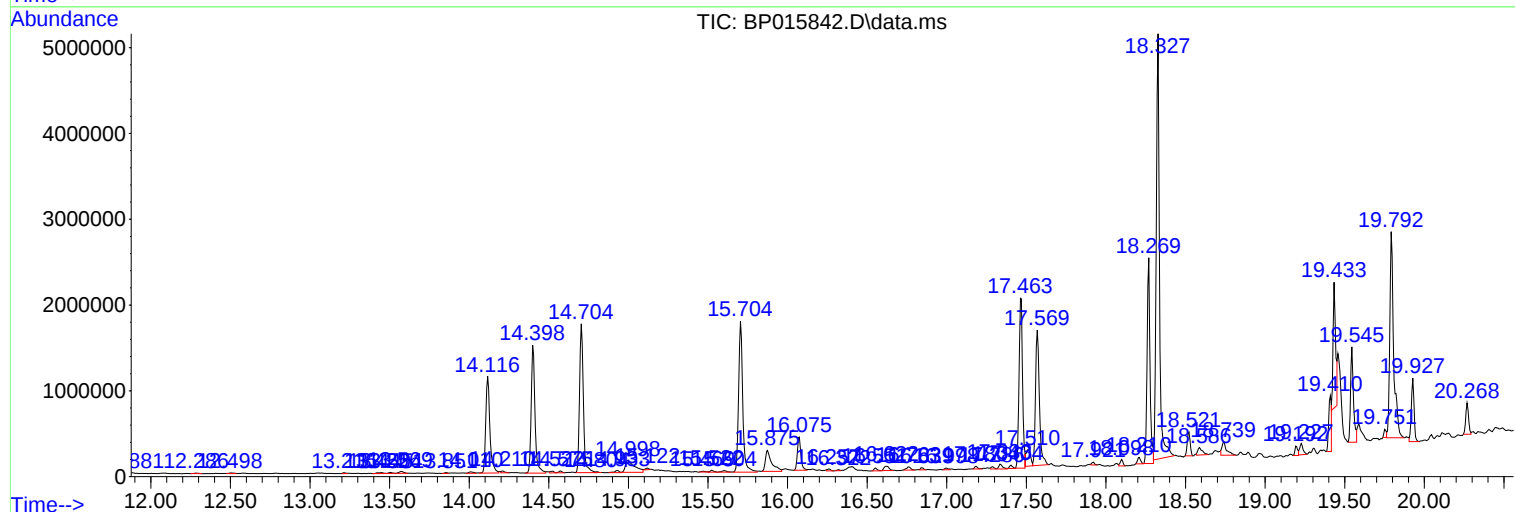
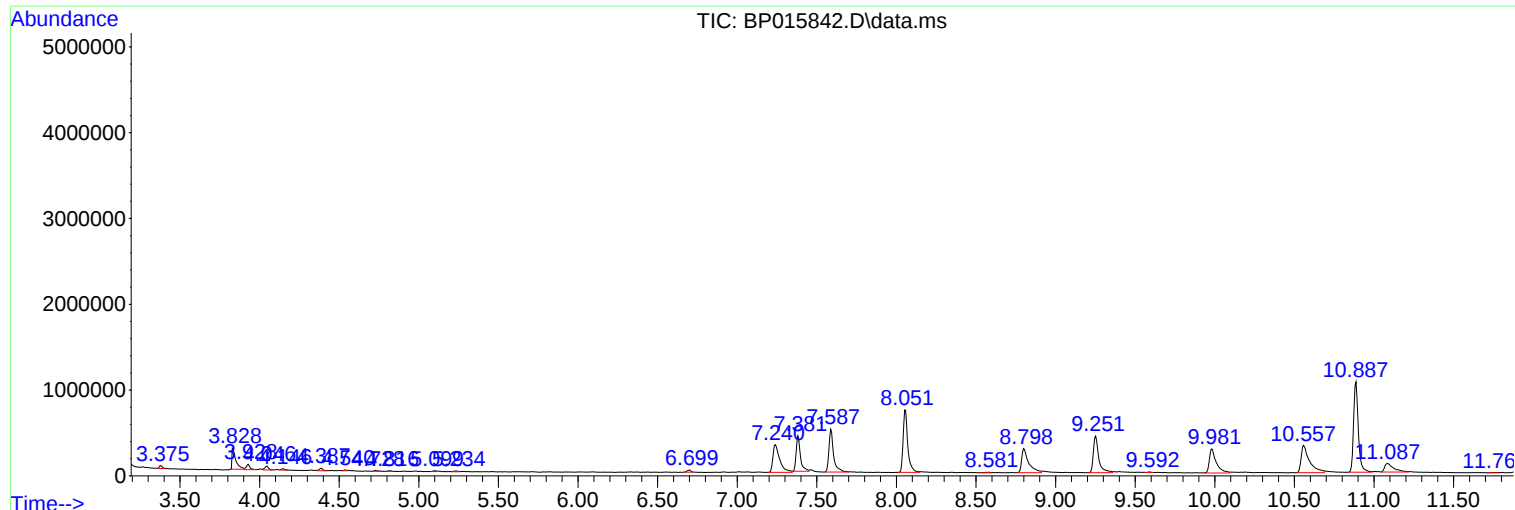
Sum of corrected areas: 95616499

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

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



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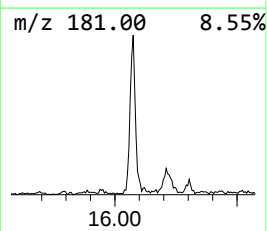
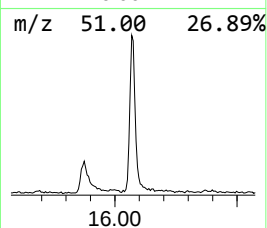
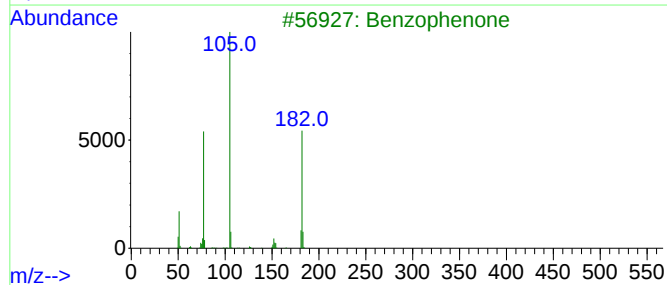
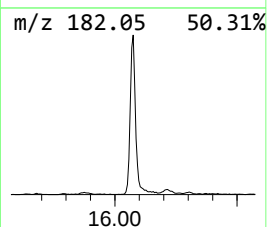
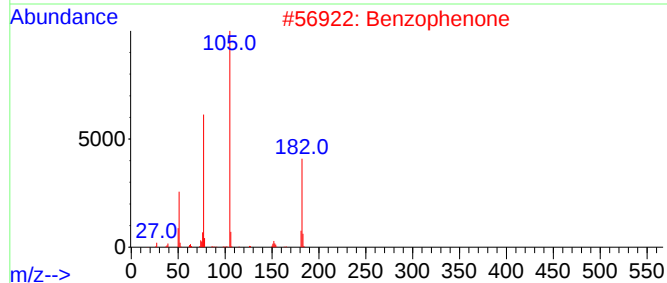
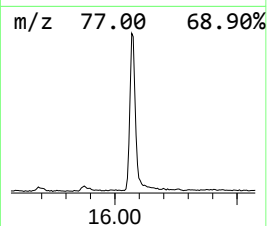
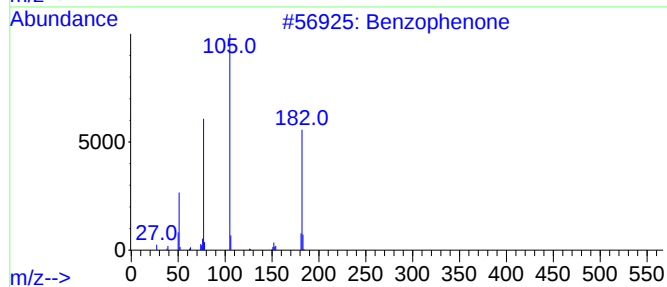
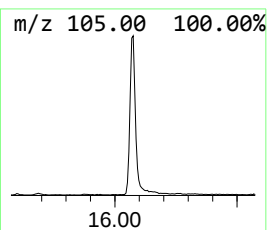
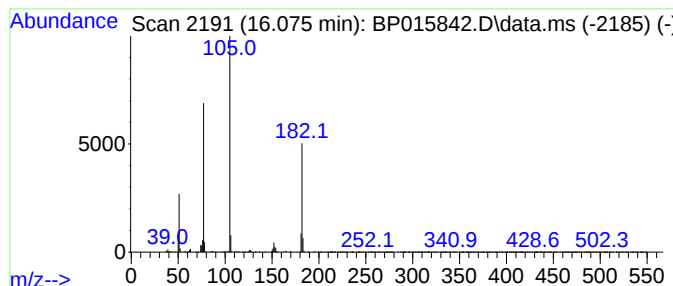
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Benzophenone Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.075	4.28 ng/ul	602451	Acenaphthene-d10	14.704

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzophenone	182	C13H10O	000119-61-9	96
2			Benzophenone	182	C13H10O	000119-61-9	96
3			Benzophenone	182	C13H10O	000119-61-9	95
4			Benzophenone	182	C13H10O	000119-61-9	91
5			Azobenzene	182	C12H10N2	000103-33-3	64



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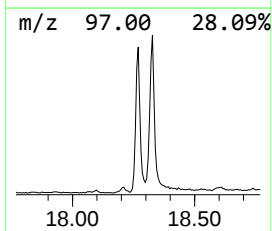
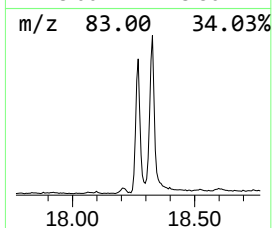
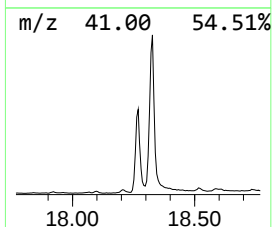
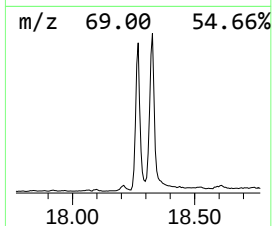
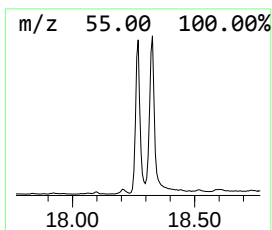
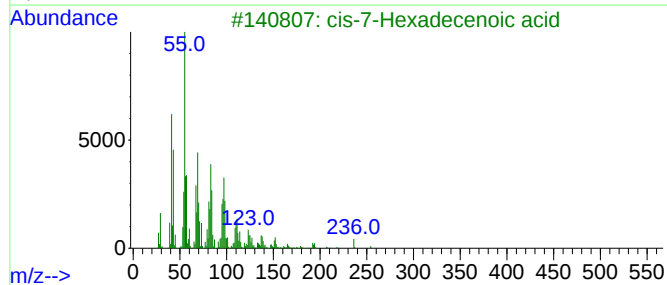
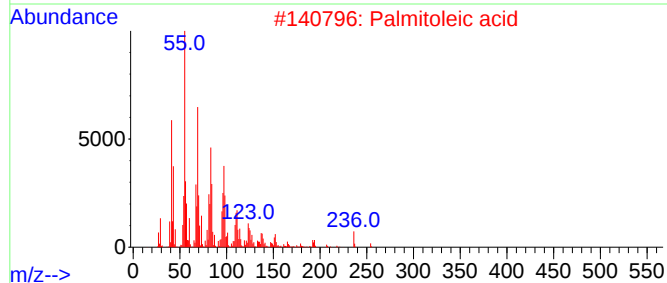
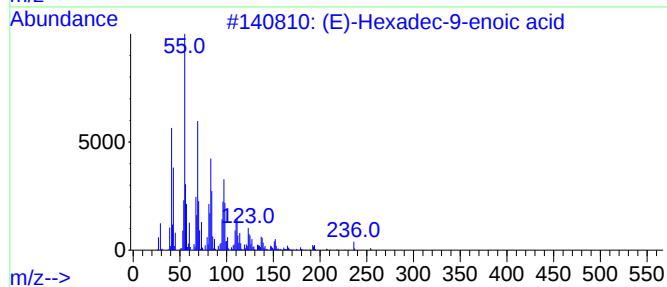
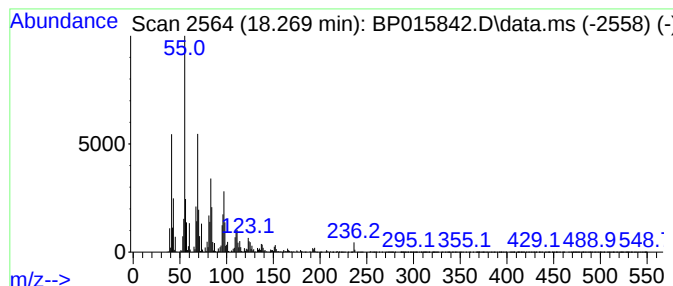
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 (E)-Hexadec-9-enoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.269	20.28 ng/ul	3112980	Phenanthrene-d10	17.469

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		(E)-Hexadec-9-enoic acid	254	C16H30O2	010030-73-6	94
2		Palmitoleic acid	254	C16H30O2	000373-49-9	94
3		cis-7-Hexadecenoic acid	254	C16H30O2	002416-19-5	91
4		9-Hexadecenoic acid	254	C16H30O2	002091-29-4	90
5		Myristoleic acid	226	C14H26O2	000544-64-9	83



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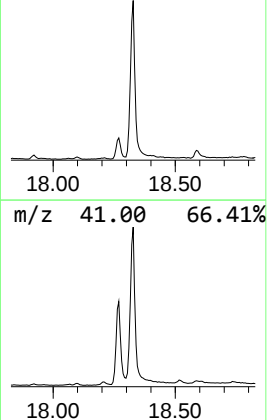
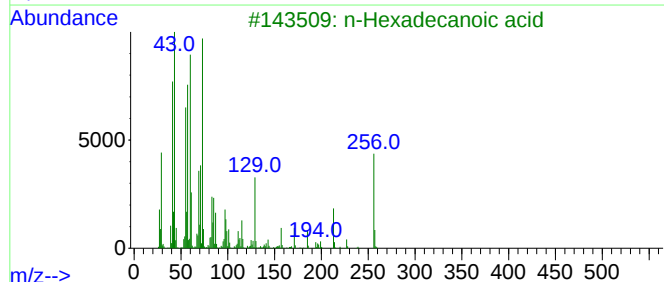
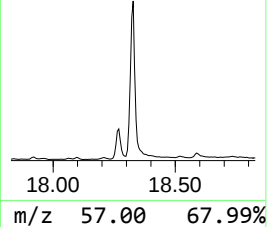
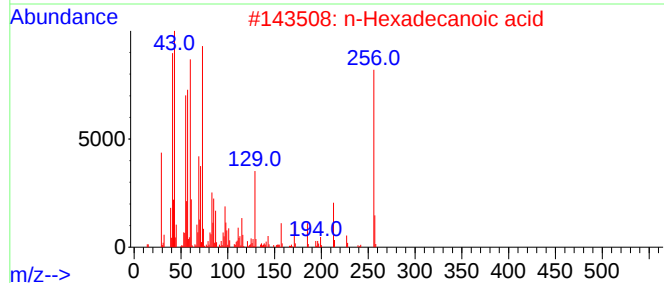
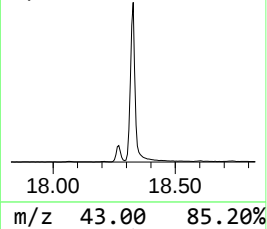
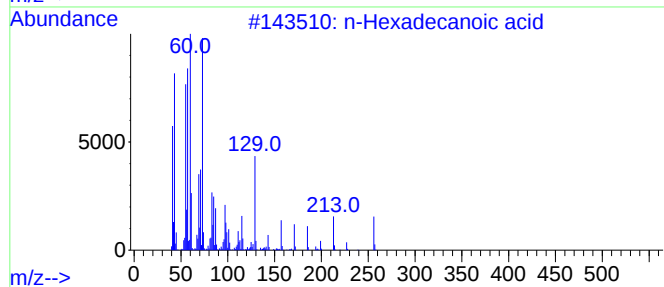
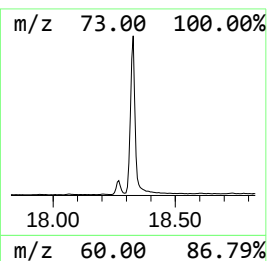
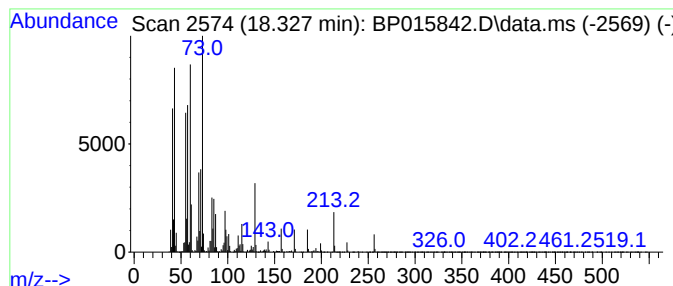
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 3 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.327	44.88 ng/ul	6890060	Phenanthrene-d10	17.469

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	98
5			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97



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Data File : BP015842.D
Acq On : 30 Jun 2023 13:58
Operator : MA/JU
Sample : 03161-22
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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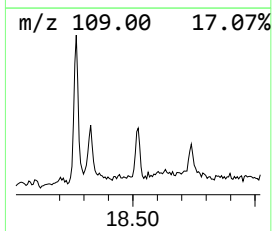
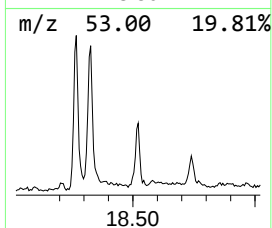
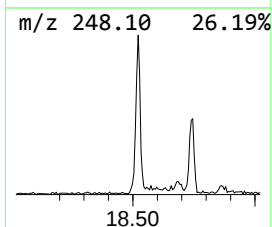
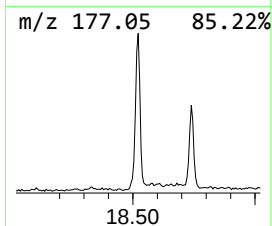
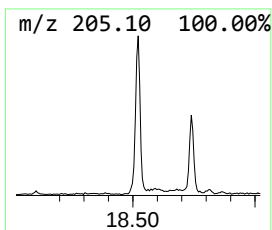
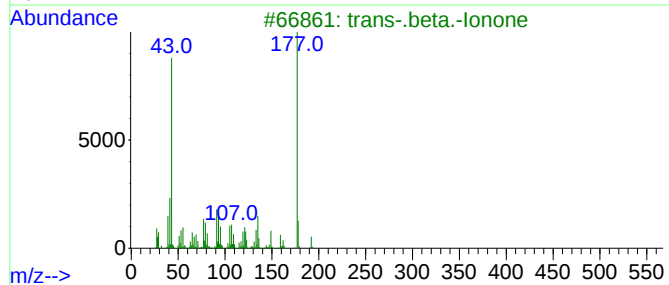
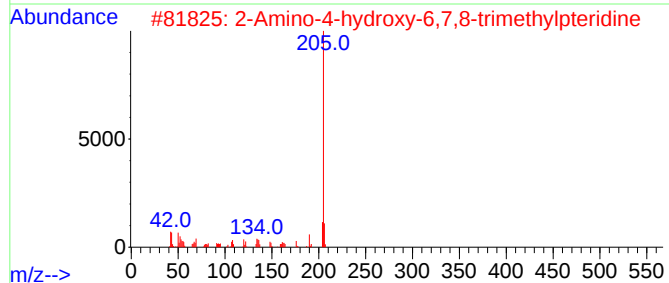
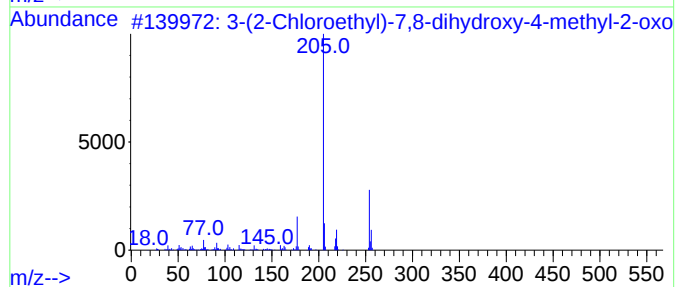
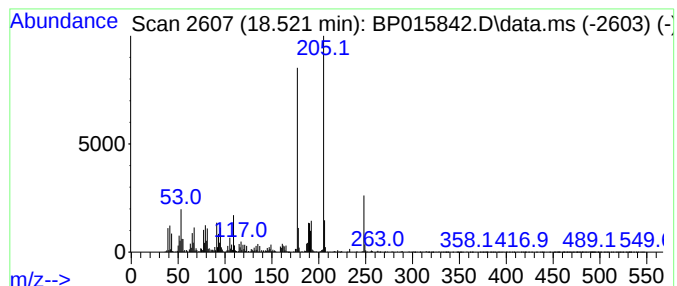
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 3-(2-Chloroethyl)-7,8-dihyd... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.521	2.27 ng/ul	349230	Phenanthrene-d10	17.469

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-(2-Chloroethyl)-7,8-dihydroxy-...	254	C12H11ClO4	104295-88-7	59
2			2-Amino-4-hydroxy-6,7,8-trimethy...	205	C9H11N5O	013045-86-8	38
3			trans-.beta.-Ionone	192	C13H20O	000079-77-6	38
4			Phenol, 2,6-bis(1-methylpropyl)-	206	C14H22O	005510-99-6	38
5			trans-.beta.-Ionone	192	C13H20O	000079-77-6	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP063023\
Data File : BP015842.D
Acq On : 30 Jun 2023 13:58
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Sample : 03161-22
Misc :
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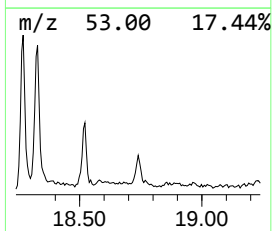
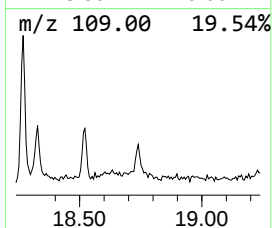
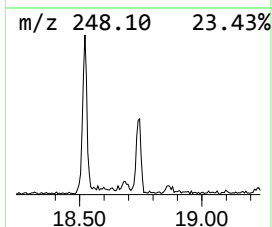
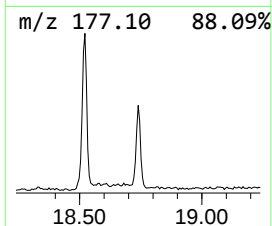
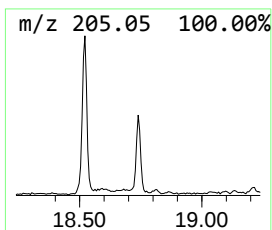
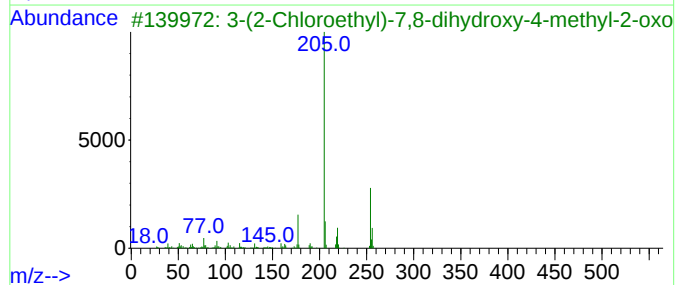
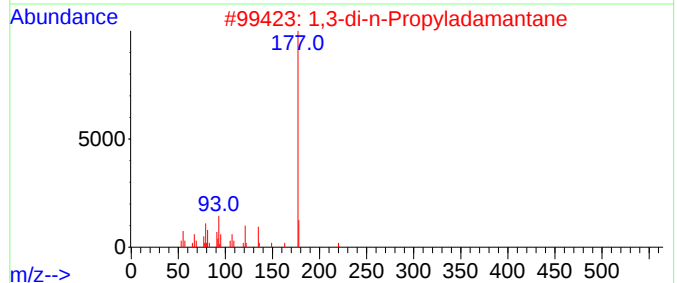
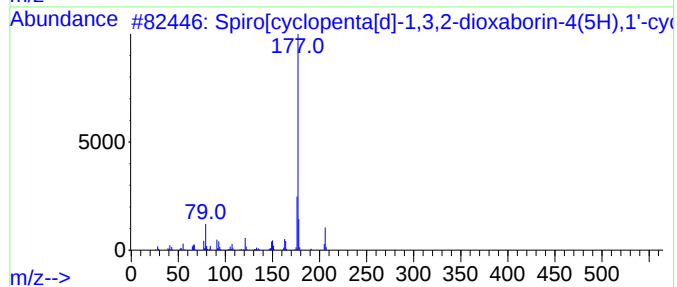
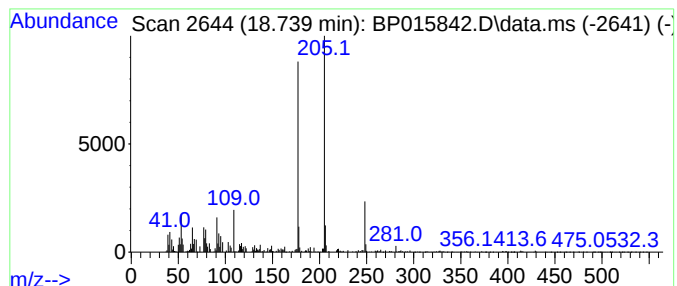
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 unknown-01 Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.739	2.02 ng/ul	310782	Phenanthrene-d10	17.469

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Spiro[cyclopenta[d]-1,3,2-dioxab...	206	C12H19B02	062238-26-0	38
2			1,3-di-n-Propyladamantane	220	C16H28	040002-47-9	38
3			3-(2-Chloroethyl)-7,8-dihydroxy-...	254	C12H11ClO4	104295-88-7	35
4			Phenol, 2,5-bis(1-methylpropyl)-	206	C14H22O	054932-77-3	30
5			Phenol, 2,4,6-tris(1-methylethyl)-	220	C15H24O	002934-07-8	27



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP063023\
Data File : BP015842.D
Acq On : 30 Jun 2023 13:58
Operator : MA/JU
Sample : 03161-22
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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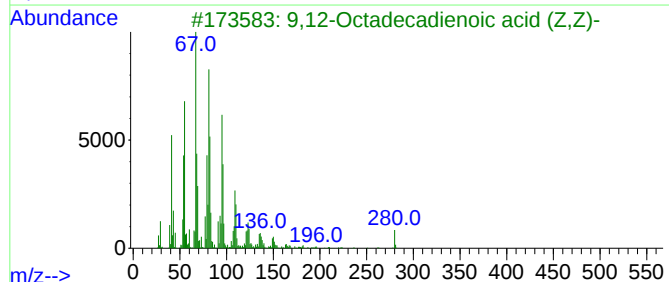
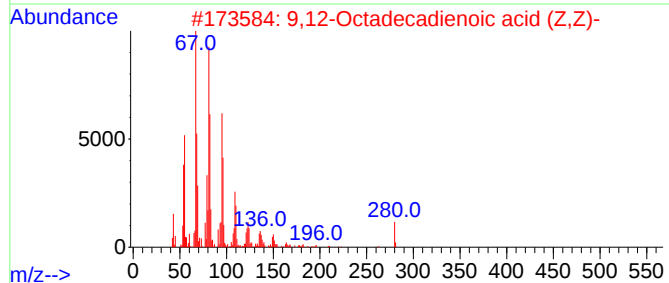
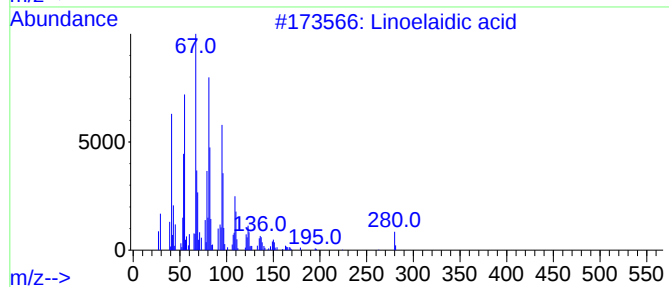
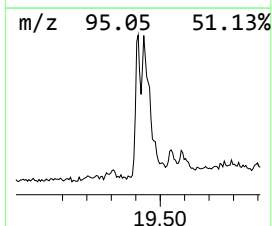
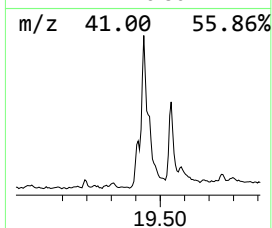
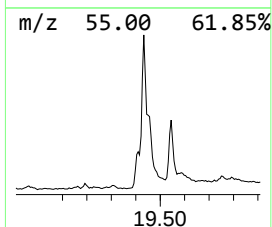
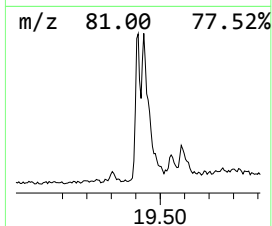
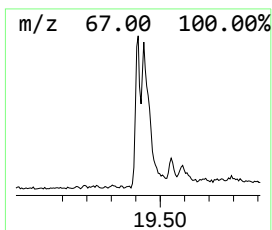
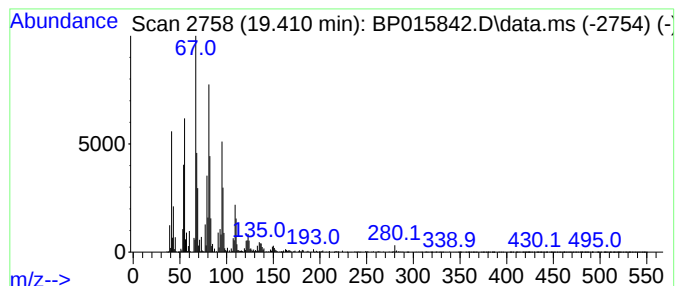
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 Linoelaidic acid Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.410	4.95 ng/ul	759301	Phenanthrene-d10	17.469

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Linoelaidic acid	280	C18H32O2	000506-21-8	99
2			9,12-Octadecadienoic acid (Z,Z)-	280	C18H32O2	000060-33-3	99
3			9,12-Octadecadienoic acid (Z,Z)-	280	C18H32O2	000060-33-3	97
4			10E,12Z-Octadecadienoic acid	280	C18H32O2	002420-56-6	97
5			(9E,11E)-Octadecadienoic acid	280	C18H32O2	000544-71-8	97



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP063023\
Data File : BP015842.D
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Operator : MA/JU
Sample : 03161-22
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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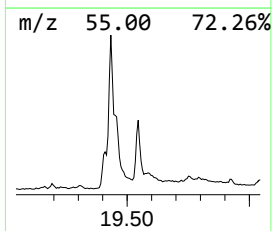
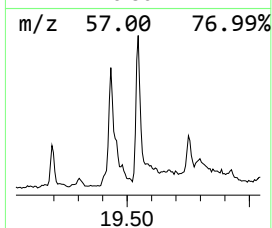
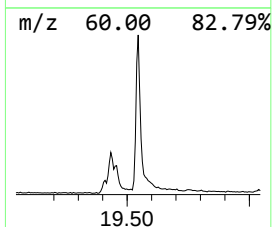
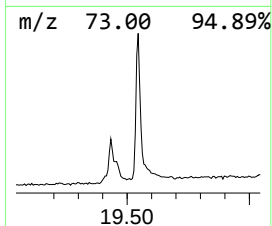
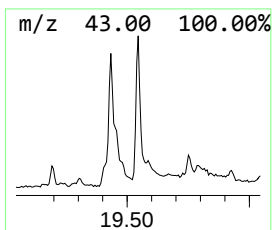
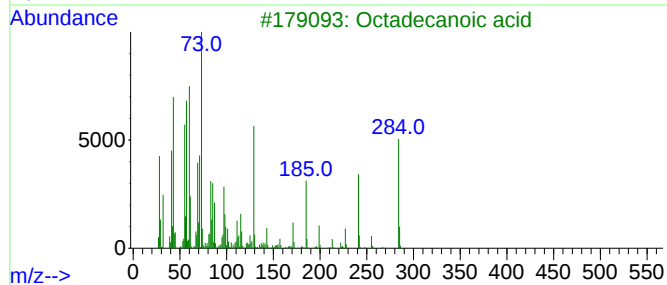
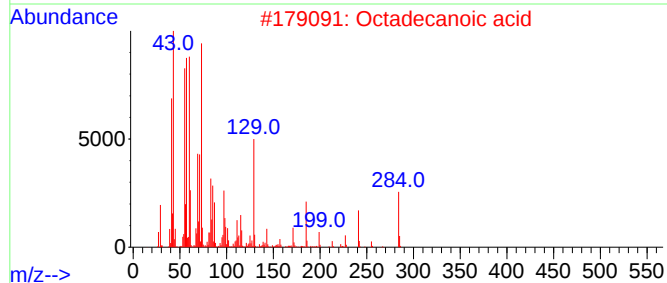
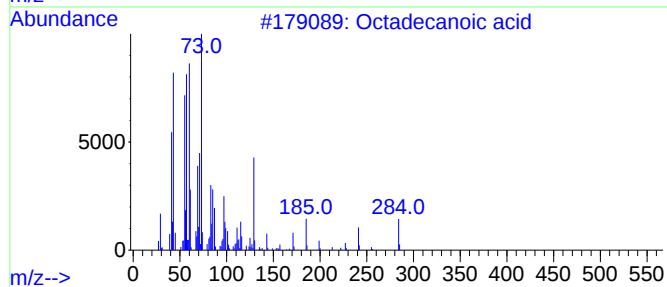
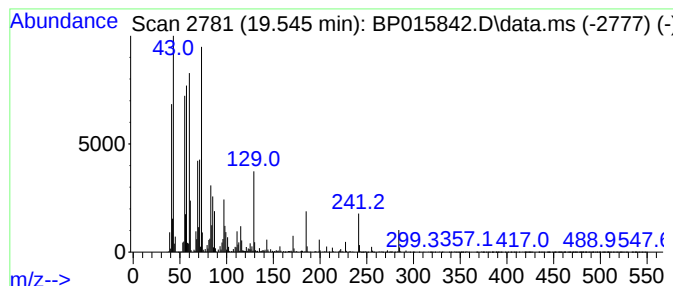
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 Octadecanoic acid Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.545	11.76 ng/ul	1436900	Chrysene-d12	21.557

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	95
5			Octadecanoic acid	284	C18H36O2	000057-11-4	95



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP063023\
Data File : BP015842.D
Acq On : 30 Jun 2023 13:58
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Sample : 03161-22
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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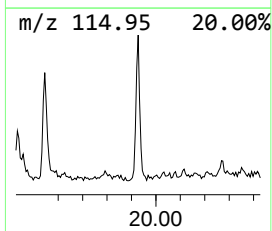
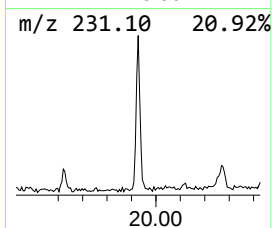
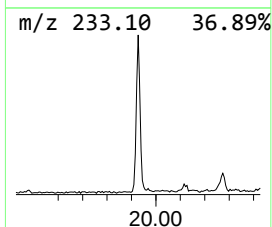
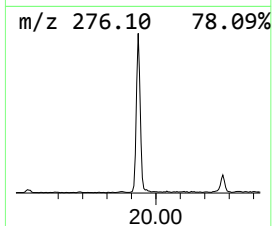
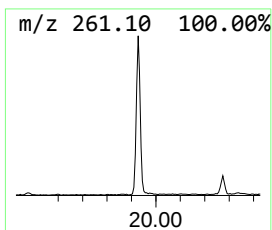
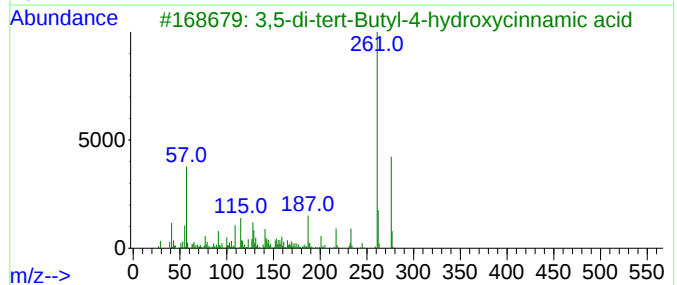
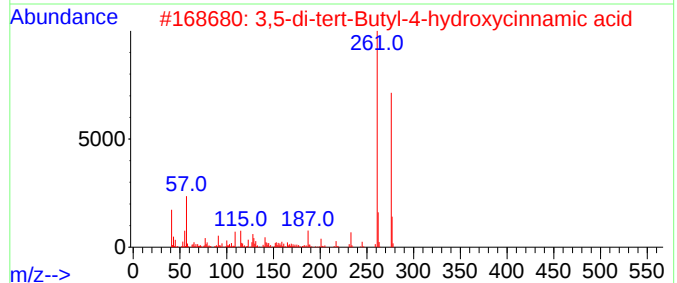
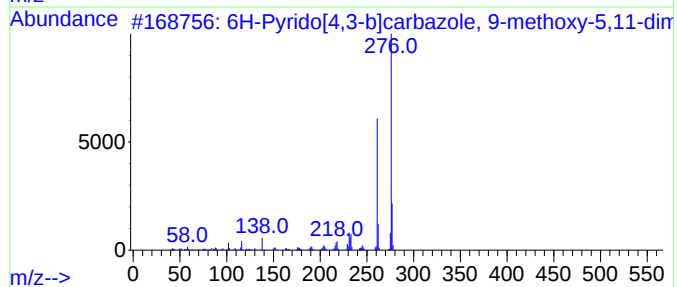
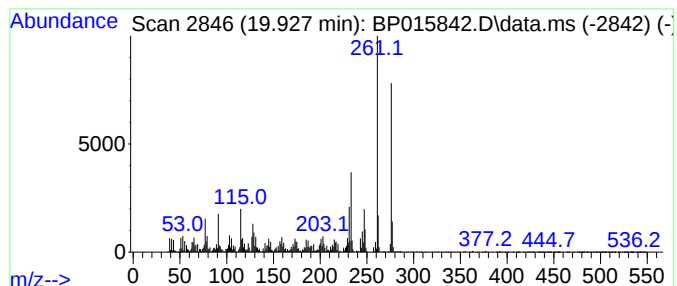
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 6H-Pyrido[4,3-b]carbazole, ... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.927	7.03 ng/ul	859398	Chrysene-d12	21.557

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			6H-Pyrido[4,3-b]carbazole, 9-met...	276	C18H16N2O	010371-86-5	72
2			3,5-di-tert-Butyl-4-hydroxycinna...	276	C17H24O3	022014-01-3	70
3			3,5-di-tert-Butyl-4-hydroxycinna...	276	C17H24O3	022014-01-3	70
4			5H-Furo[3,2-g][1]benzopyran-5-on...	276	C14H12O6	000668-10-0	64
5			3-Methoxy-5-pentyl-2-prenylpheno...	276	C18H28O2	083036-53-7	62



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP063023\
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Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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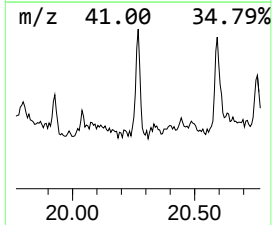
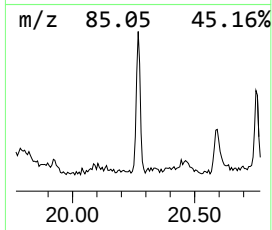
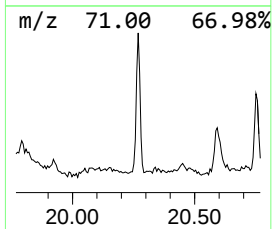
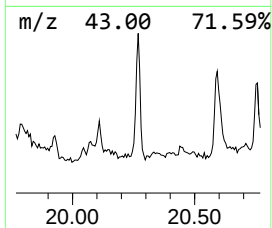
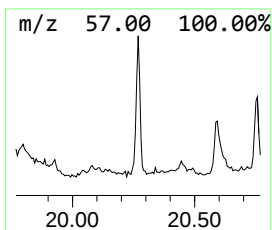
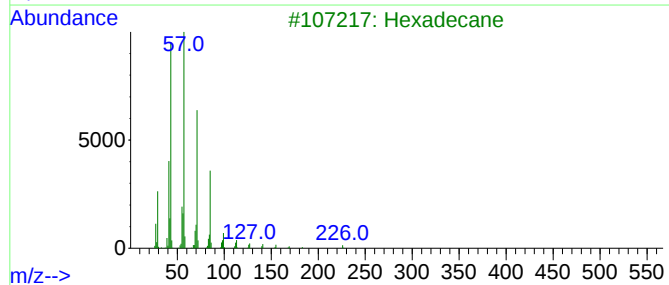
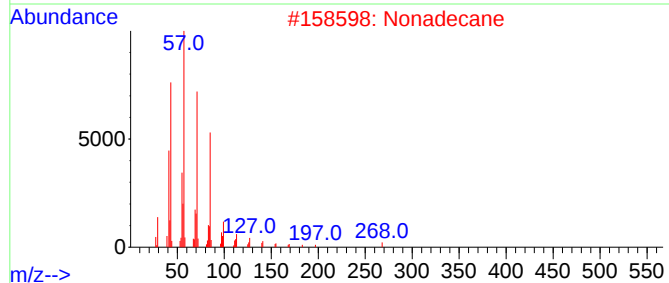
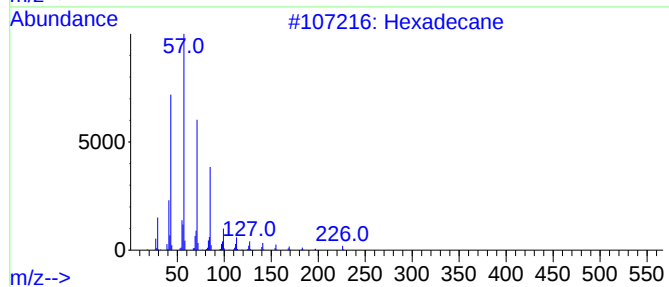
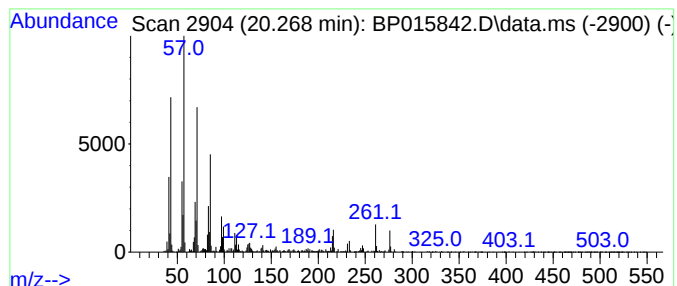
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.268	3.63 ng/ul	443828	Chrysene-d12	21.557

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	90
2			Nonadecane	268	C19H40	000629-92-5	83
3			Hexadecane	226	C16H34	000544-76-3	78
4			Tetratetracontane	619	C44H90	007098-22-8	76
5			Tritetracontane	605	C43H88	007098-21-7	76



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP063023\
Data File : BP015842.D
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Operator : MA/JU
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Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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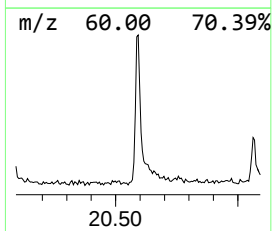
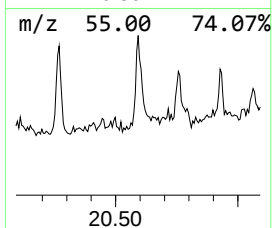
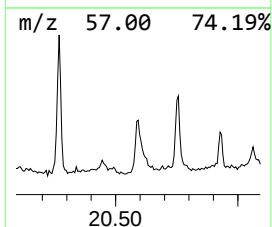
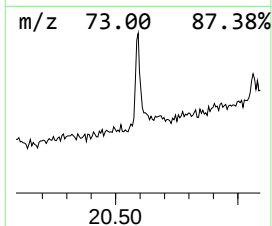
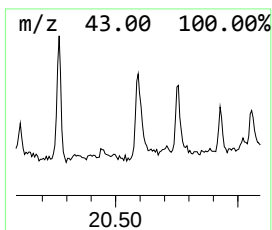
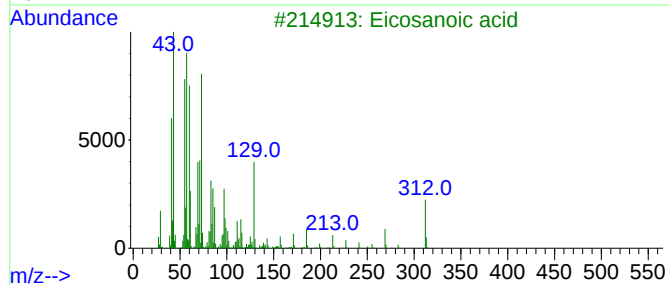
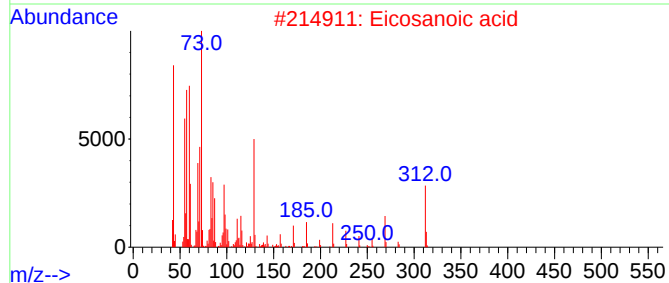
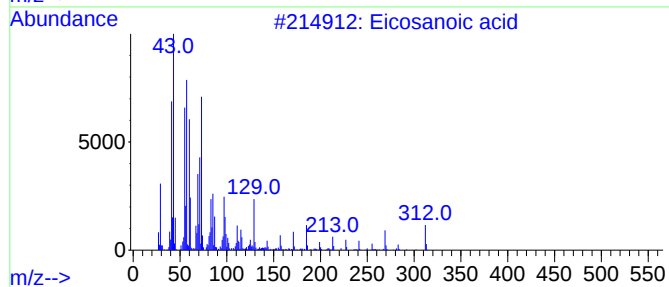
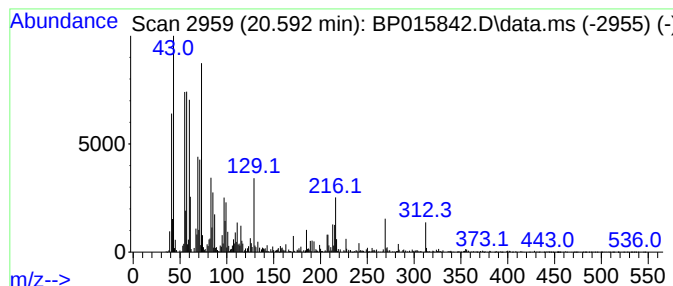
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Quant Title : SVOA CALIBRATION

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

Peak Number 10 Eicosanoic acid Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.592	4.61 ng/ul	563791	Chrysene-d12	21.557

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Eicosanoic acid	312	C20H40O2	000506-30-9	99
2			Eicosanoic acid	312	C20H40O2	000506-30-9	95
3			Eicosanoic acid	312	C20H40O2	000506-30-9	95
4			Nonadecanoic acid	298	C19H38O2	000646-30-0	93
5			Tricosanoic acid	354	C23H46O2	002433-96-7	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP063023\
Data File : BP015842.D
Acq On : 30 Jun 2023 13:58
Operator : MA/JU
Sample : 03161-22
Misc :
ALS Vial : 9 Sample Multiplier: 1

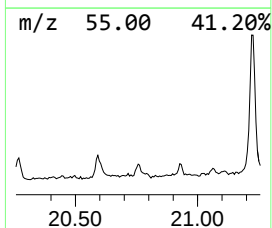
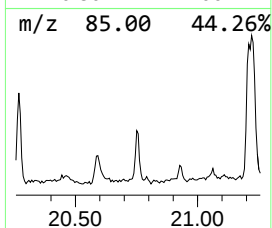
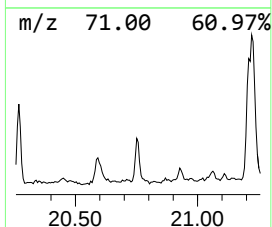
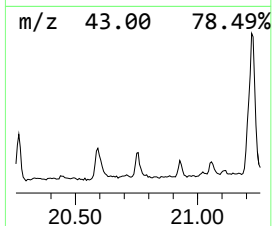
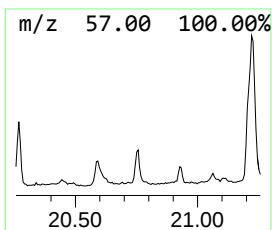
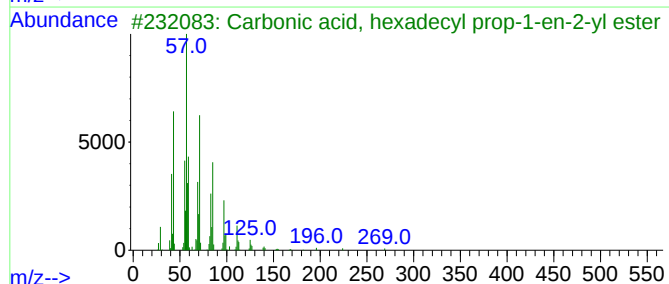
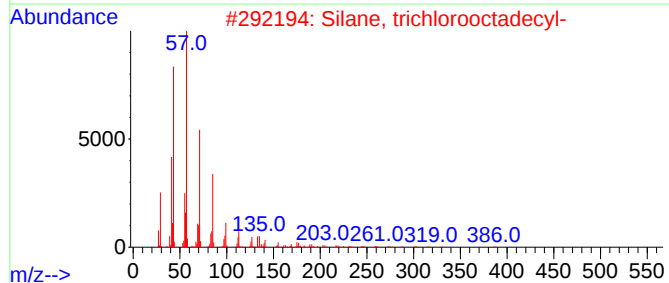
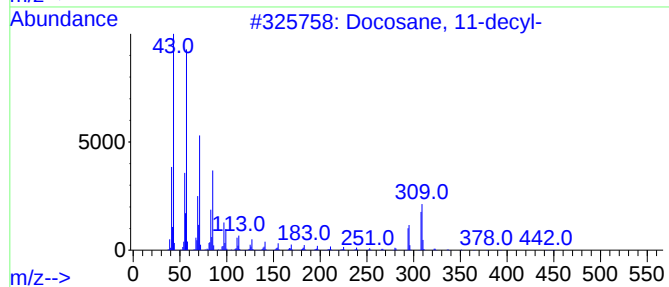
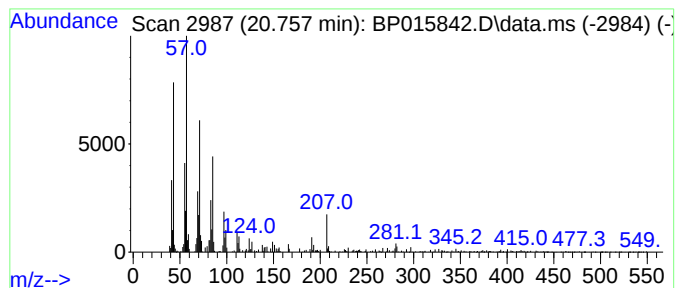
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD		R.T.	
20.757	2.24 ng/ul	274313	Chrysene-d12		21.557	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Docosane, 11-decyl-		451	C32H66	055401-55-3	91
2	Silane, trichlorooctadecyl-		386	C18H37Cl3Si	000112-04-9	90
3	Carbonic acid, hexadecyl prop-1-...		326	C20H38O3	1000382-90-3	87
4	Sulfurous acid, 2-propyl tetrade...		320	C17H36O3S	1010309-12-5	87
5	Tritetracontane		605	C43H88	007098-21-7	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP063023\
Data File : BP015842.D
Acq On : 30 Jun 2023 13:58
Operator : MA/JU
Sample : 03161-22
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCFX8

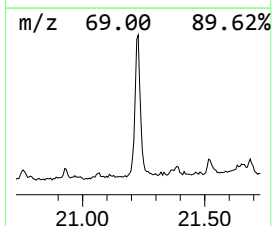
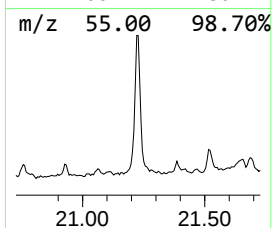
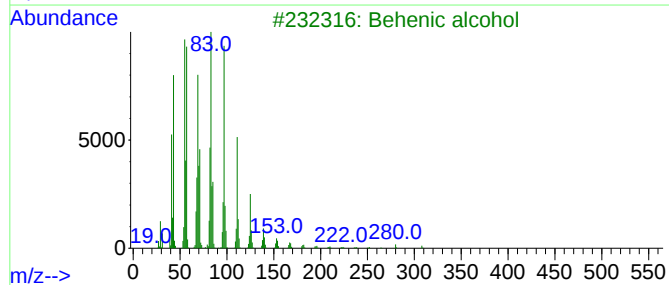
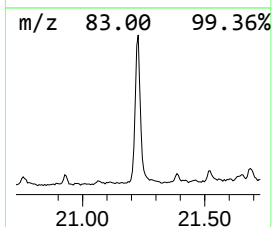
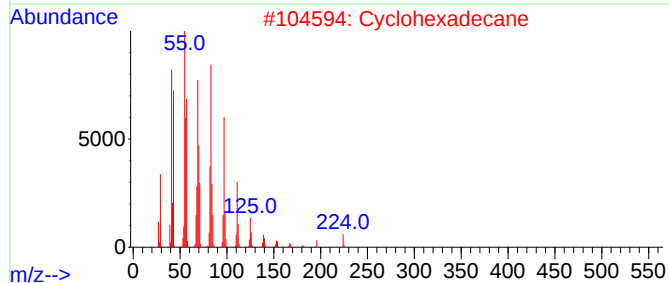
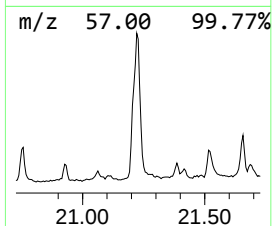
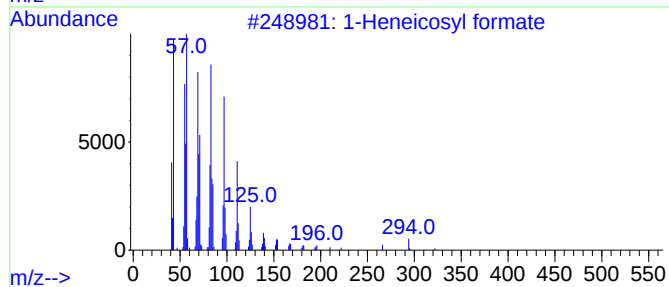
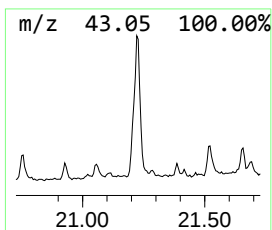
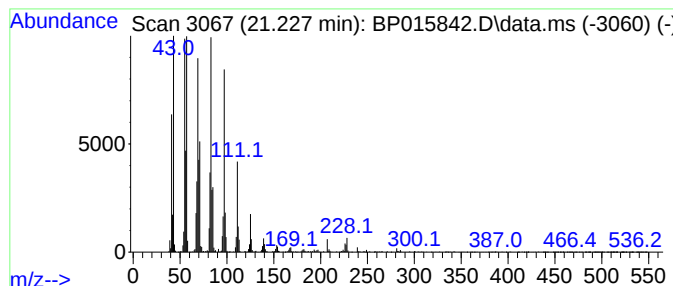
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Quant Title : SVOA CALIBRATION

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

Peak Number 12 1-Heneicosyl formate Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.227	19.82 ng/ul	2421640	Chrysene-d12	21.557

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Heneicosyl formate	340	C22H44O2	077899-03-7	96
2			Cyclohexadecane	224	C16H32	000295-65-8	94
3			Behenic alcohol	326	C22H46O	000661-19-8	94
4			n-Tetracosanol-1	354	C24H50O	000506-51-4	94
5			1-Octadecanol	270	C18H38O	000112-92-5	94



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP063023\
Data File : BP015842.D
Acq On : 30 Jun 2023 13:58
Operator : MA/JU
Sample : 03161-22
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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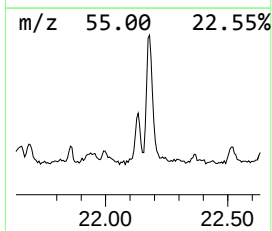
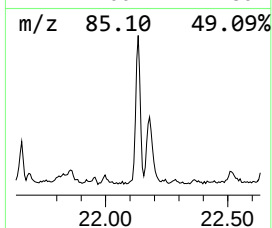
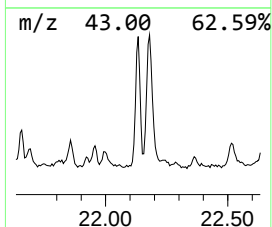
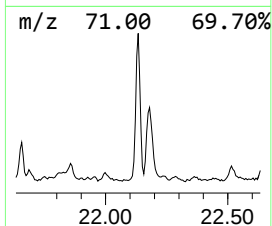
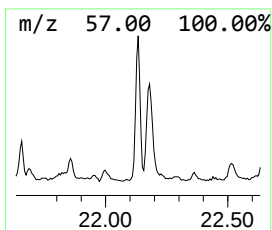
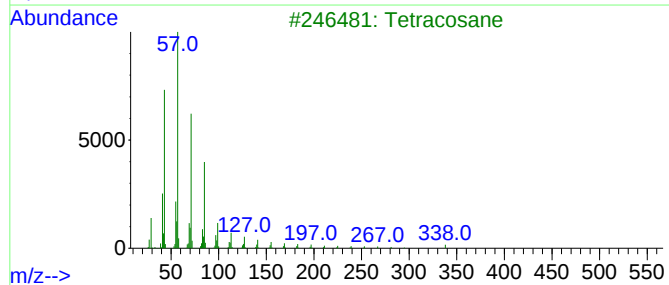
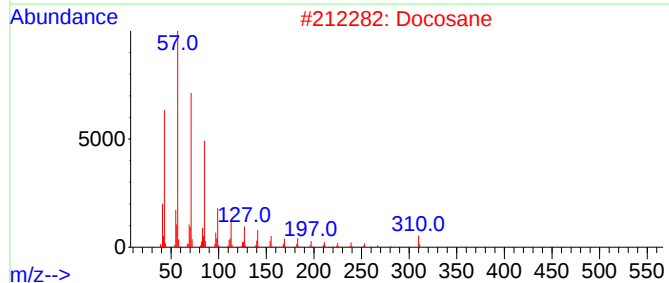
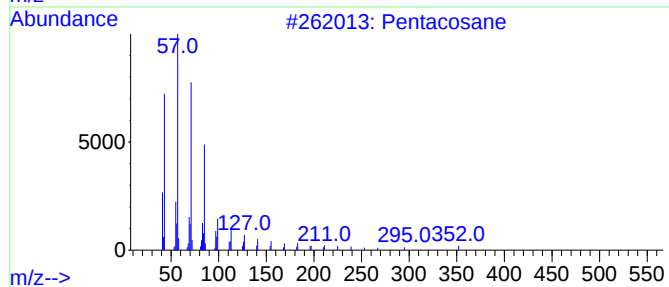
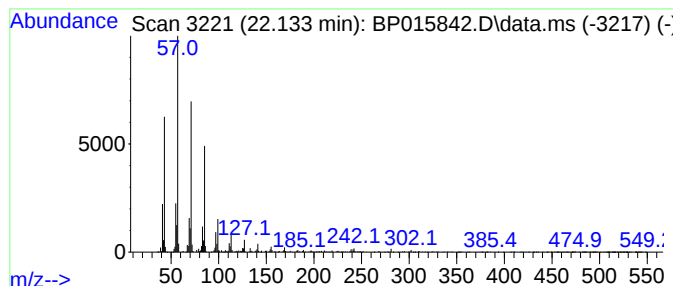
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.133	6.82 ng/ul	832898	Chrysene-d12	21.557

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentacosane	352	C25H52	000629-99-2	93
2			Docosane	310	C22H46	000629-97-0	93
3			Tetracosane	338	C24H50	000646-31-1	91
4			Triacontane, 1-iodo-	548	C30H61I	1000406-32-3	91
5			Hexacosane	366	C26H54	000630-01-3	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP063023\
Data File : BP015842.D
Acq On : 30 Jun 2023 13:58
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Sample : 03161-22
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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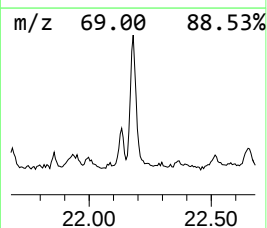
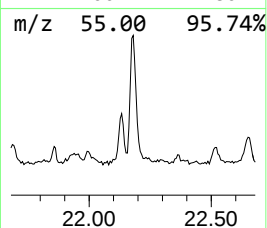
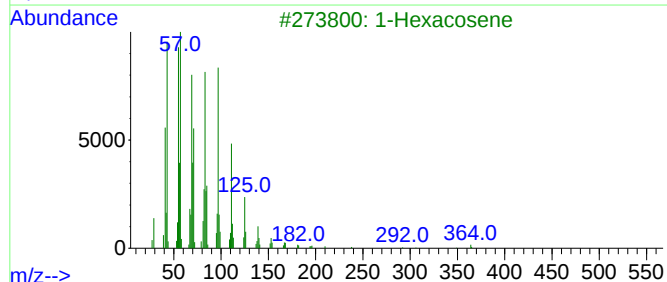
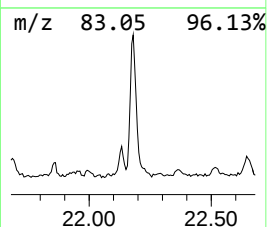
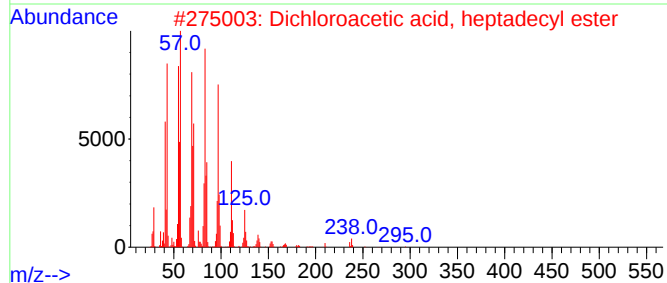
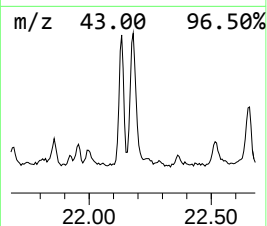
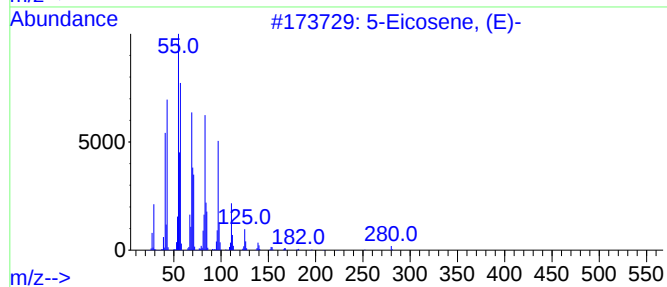
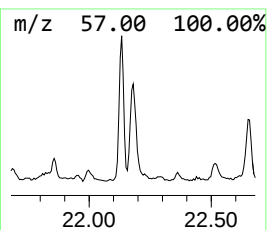
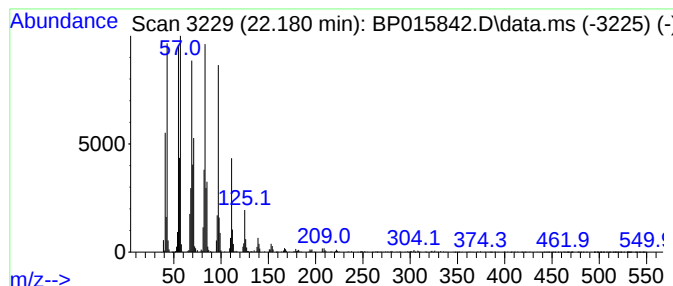
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.180	12.90 ng/ul	1576620	Chrysene-d12	21.557

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-			280	C20H40	074685-30-6	96
2	Dichloroacetic acid, heptadecyl ...			366	C19H36Cl2O2	1000282-98-2	94
3	1-Hexacosene			364	C26H52	018835-33-1	94
4	Behenic alcohol			326	C22H46O	000661-19-8	94
5	n-Tetracosanol-1			354	C24H50O	000506-51-4	94



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP063023\
Data File : BP015842.D
Acq On : 30 Jun 2023 13:58
Operator : MA/JU
Sample : 03161-22
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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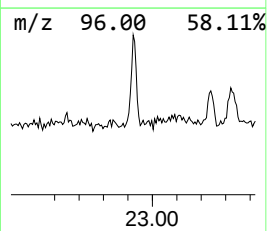
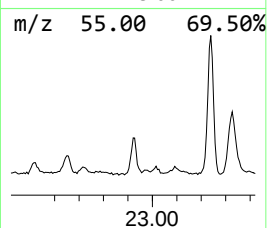
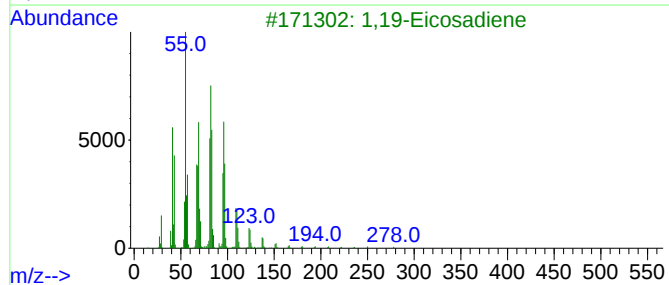
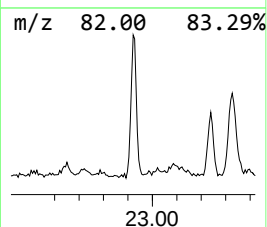
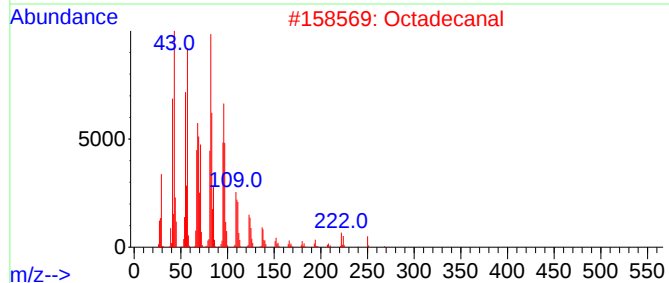
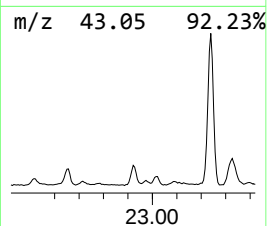
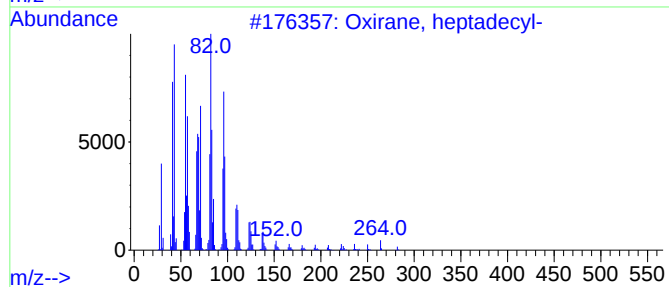
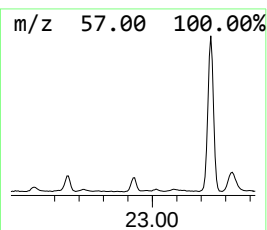
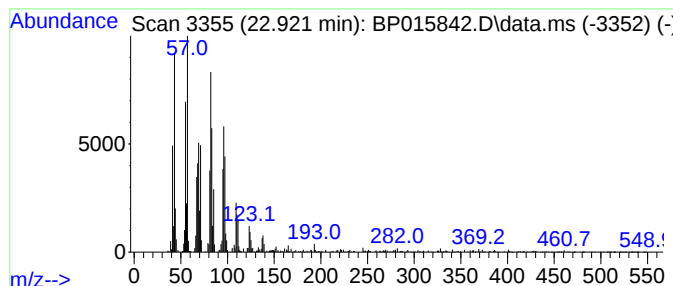
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Quant Title : SVOA CALIBRATION

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

Peak Number 15 Oxirane, heptadecyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.921	5.11 ng/ul	646809	Perylene-d12	24.098

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Oxirane, heptadecyl-	282	C19H38O	067860-04-2	95
2			Octadecanal	268	C18H36O	000638-66-4	95
3			1,19-Eicosadiene	278	C20H38	014811-95-1	94
4			17-Octadecenal	266	C18H34O	056554-86-0	91
5			Octadecanal	268	C18H36O	000638-66-4	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP063023\
Data File : BP015842.D
Acq On : 30 Jun 2023 13:58
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Sample : 03161-22
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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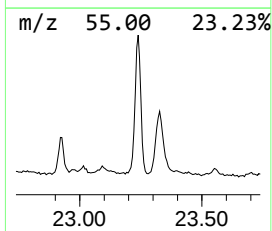
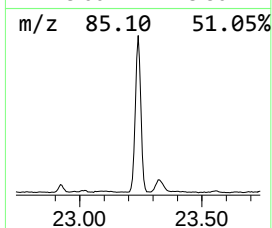
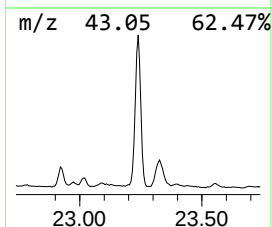
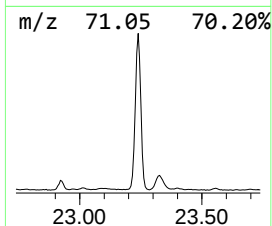
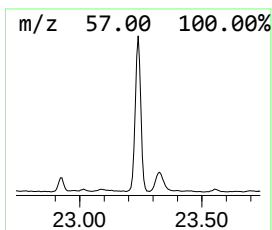
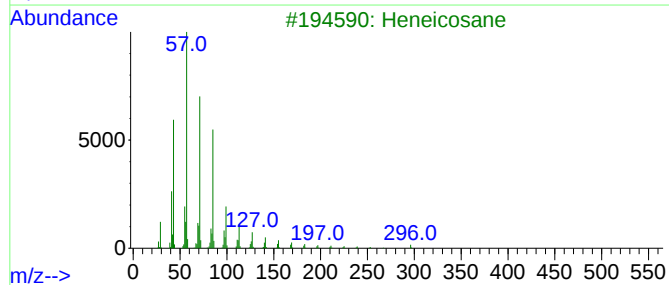
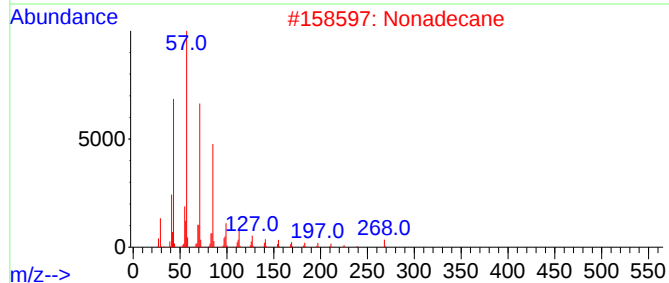
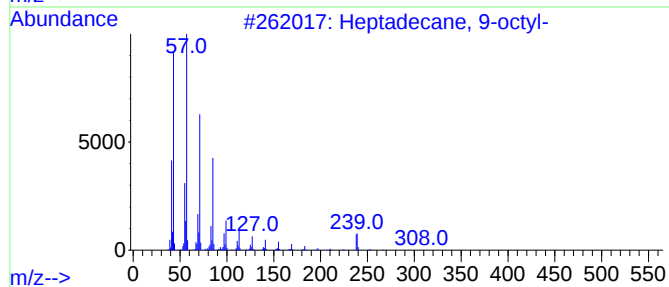
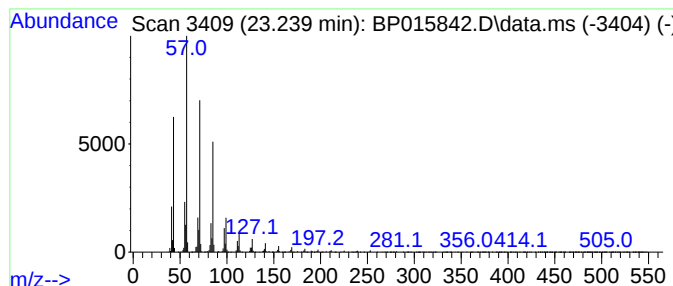
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Quant Title : SVOA CALIBRATION

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

Peak Number 16 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.239	33.86 ng/ul	4285390	Perylene-d12	24.098

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	96
2		Nonadecane	268	C19H40	000629-92-5	94
3		Heneicosane	296	C21H44	000629-94-7	91
4		Hexacosane	366	C26H54	000630-01-3	91
5		Octadecane, 5,14-dibutyl-	366	C26H54	055282-13-8	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP063023\
Data File : BP015842.D
Acq On : 30 Jun 2023 13:58
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Sample : 03161-22
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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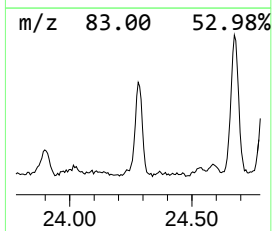
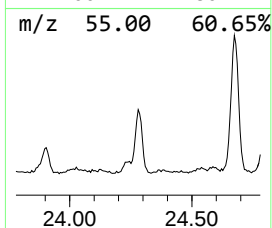
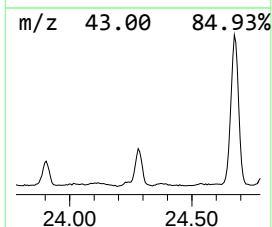
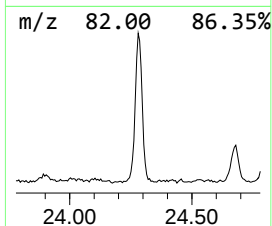
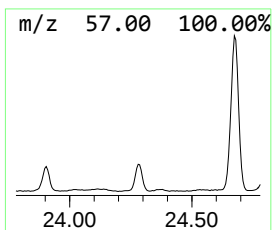
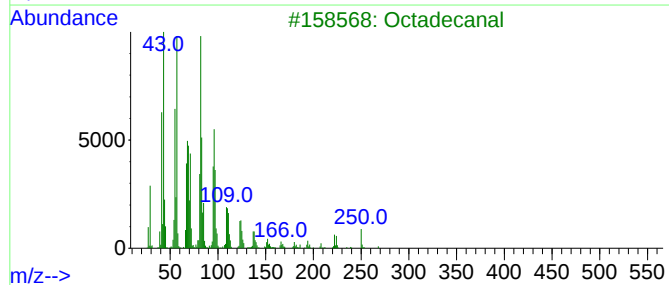
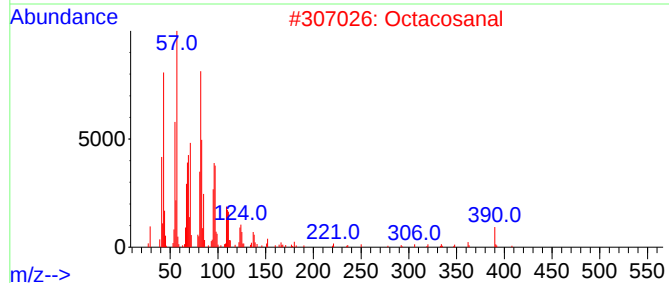
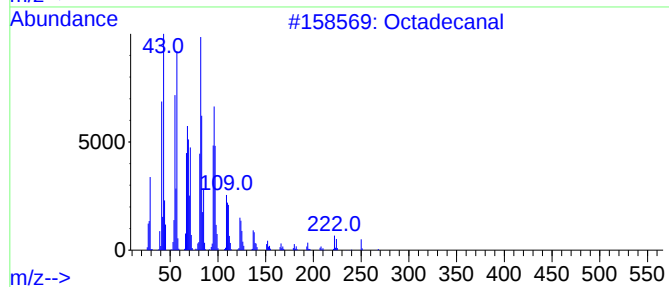
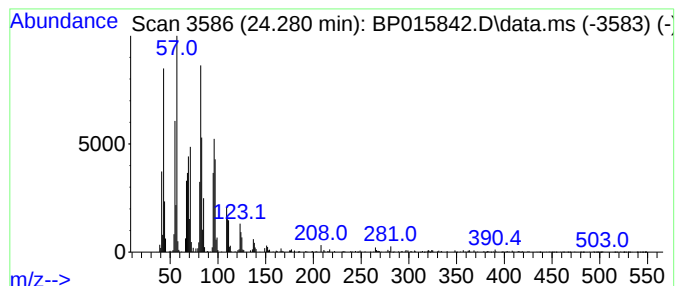
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Quant Title : SVOA CALIBRATION

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

Peak Number 17 Octadecanal Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.280	11.14 ng/ul	1409440	Perylene-d12	24.098

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanal	268	C18H36O	000638-66-4	99
2			Octacosanal	408	C28H56O	022725-64-0	94
3			Octadecanal	268	C18H36O	000638-66-4	94
4			Octadecanal	268	C18H36O	000638-66-4	93
5			17-Octadecenal	266	C18H34O	056554-86-0	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP063023\
Data File : BP015842.D
Acq On : 30 Jun 2023 13:58
Operator : MA/JU
Sample : 03161-22
Misc :
ALS Vial : 9 Sample Multiplier: 1

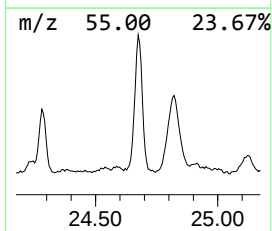
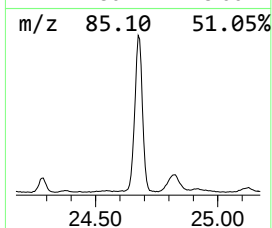
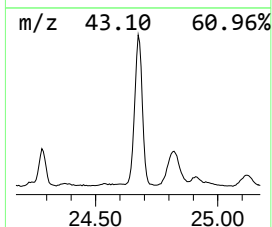
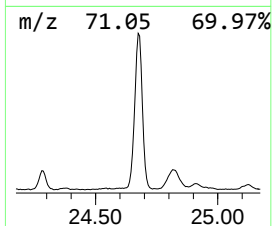
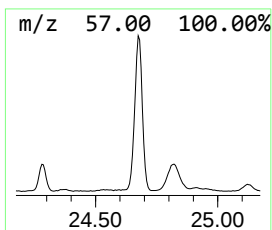
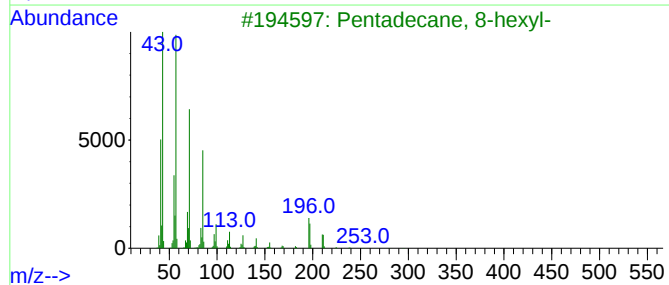
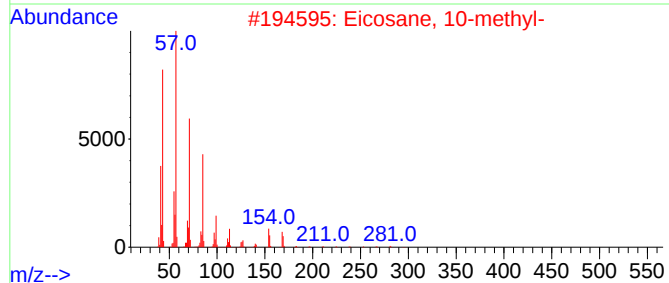
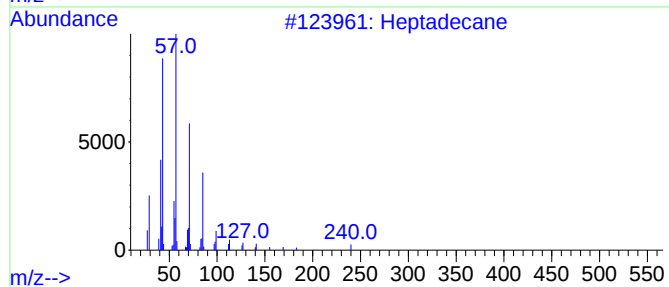
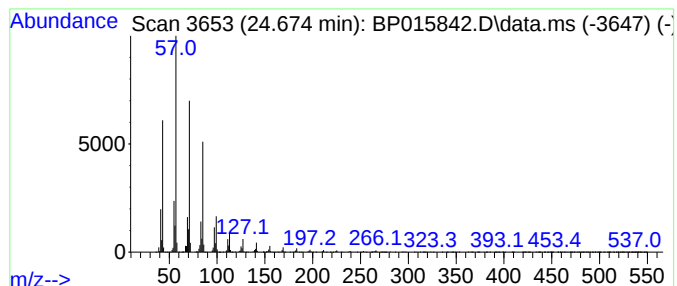
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 18 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.	
24.674	35.67 ng/ul	4514740	Perylene-d12	24.098	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	94
2	Eicosane, 10-methyl-	296	C21H44	054833-23-7	94
3	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	94
4	Heneicosane	296	C21H44	000629-94-7	91
5	Hexacosane	366	C26H54	000630-01-3	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP063023\
Data File : BP015842.D
Acq On : 30 Jun 2023 13:58
Operator : MA/JU
Sample : 03161-22
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCFX8

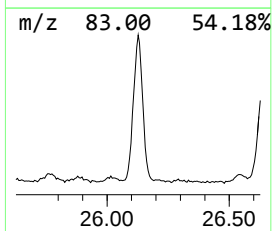
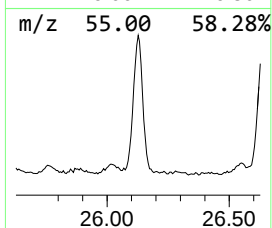
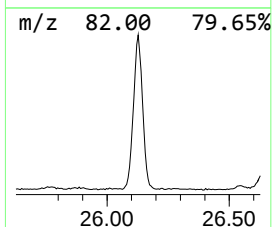
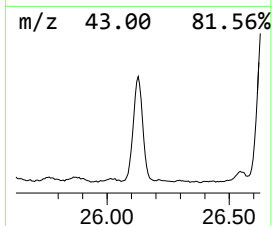
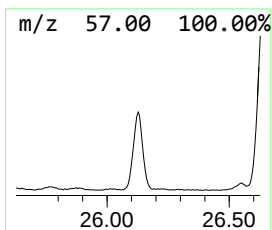
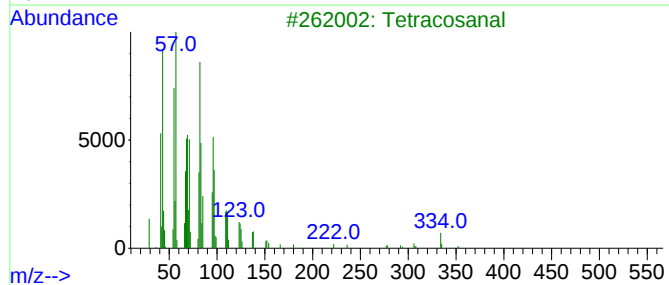
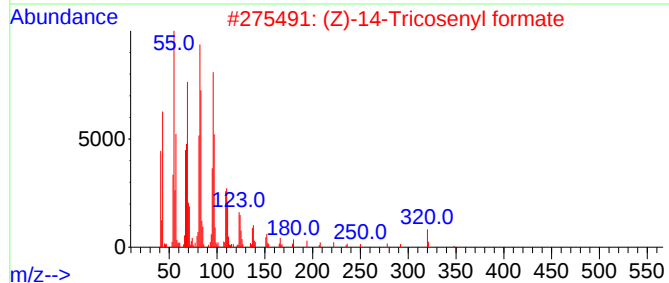
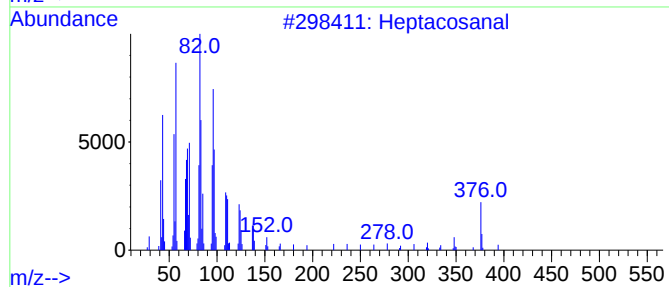
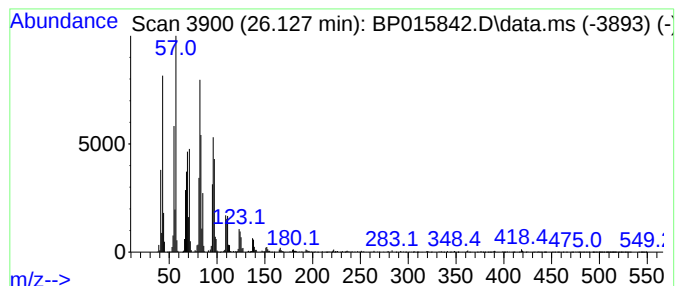
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Quant Title : SVOA CALIBRATION

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

Peak Number 19 Heptacosanal Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.127	33.34 ng/ul	4220550	Perylene-d12	24.098

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptacosanal	394	C27H54O	072934-03-3	98
2			(Z)-14-Tricosenyl formate	366	C24H46O2	077899-10-6	93
3			Tetracosanal	352	C24H48O	057866-08-7	91
4			Oxirane, hexadecyl-	268	C18H36O	007390-81-0	91
5			Nonacosanal	422	C29H58O	072934-04-4	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP063023\
Data File : BP015842.D
Acq On : 30 Jun 2023 13:58
Operator : MA/JU
Sample : 03161-22
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCFX8

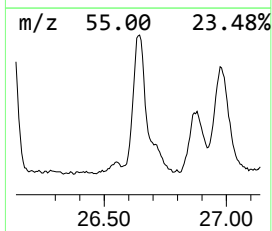
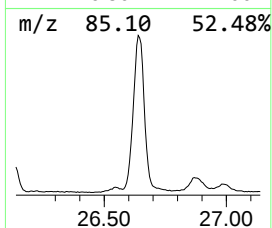
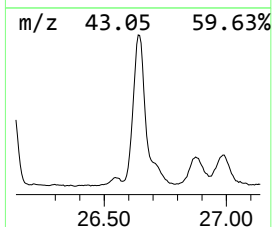
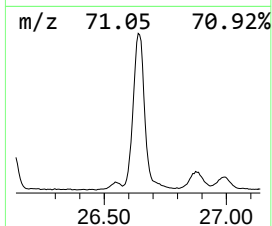
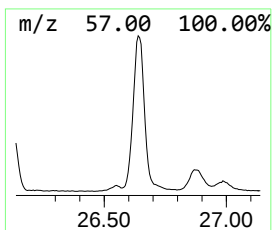
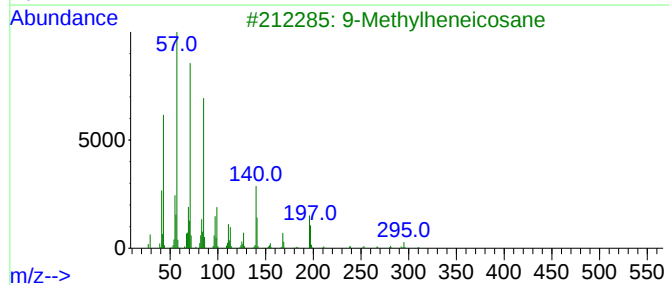
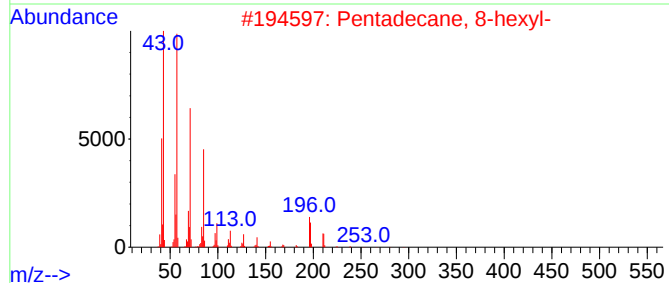
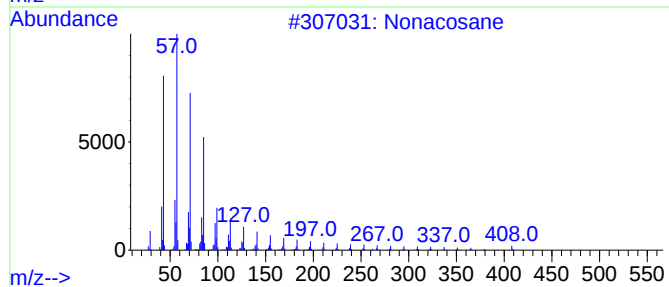
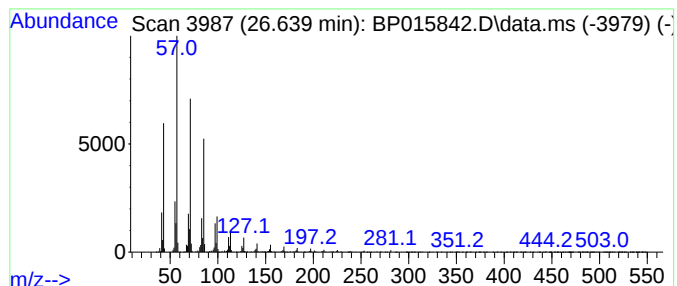
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Quant Title : SVOA CALIBRATION

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

Peak Number 20 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.639	61.09 ng/ul	7732450	Perylene-d12	24.098

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonacosane	408	C29H60	000630-03-5	93
2			Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	93
3			9-Methylheneicosane	310	C22H46	070475-51-3	91
4			Octacosane, 2-methyl-	408	C29H60	001560-98-1	91
5			Tetratetracontane	619	C44H90	007098-22-8	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP063023\
Data File : BP015842.D
Acq On : 30 Jun 2023 13:58
Operator : MA/JU
Sample : 03161-22
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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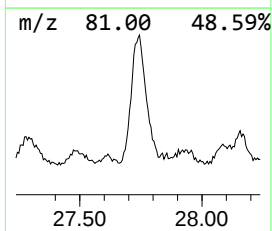
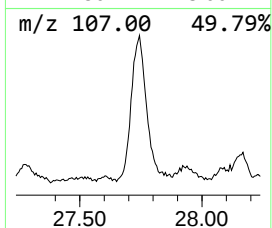
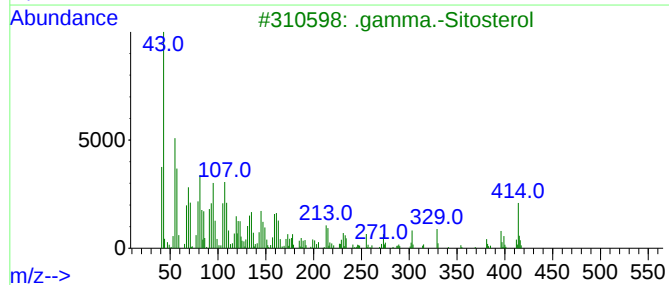
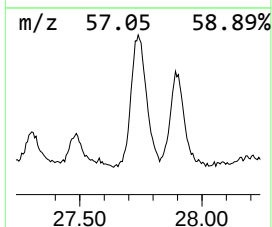
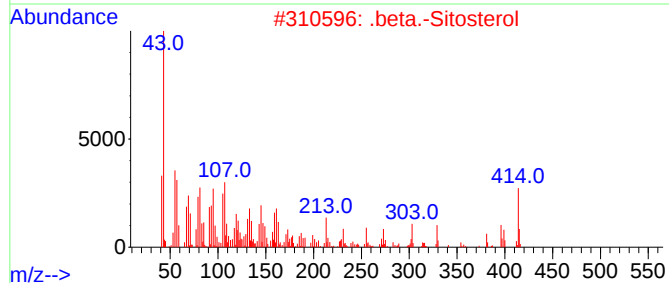
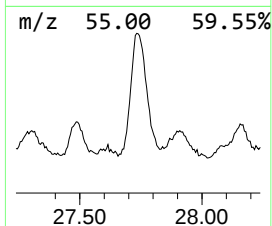
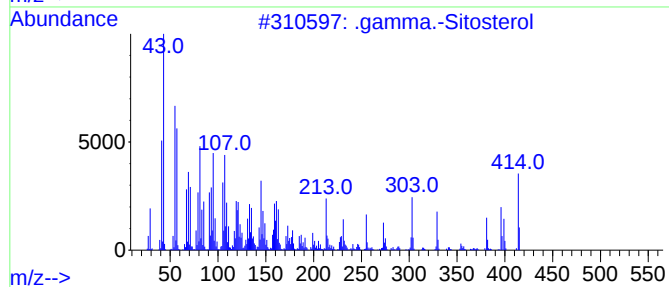
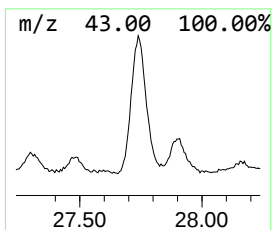
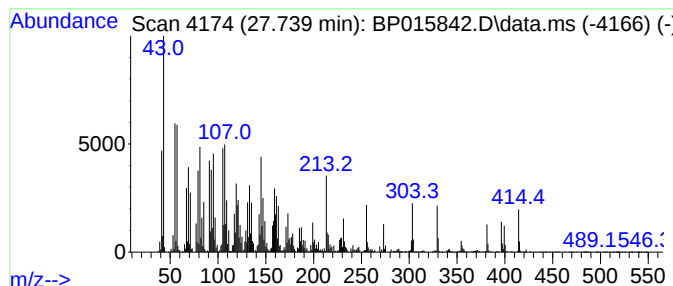
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Quant Title : SVOA CALIBRATION

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

Peak Number 21 .gamma.-Sitosterol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.739	48.42 ng/ul	6128950	Perylene-d12	24.098

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	91
3			.gamma.-Sitosterol	414	C29H50O	000083-47-6	83
4			.beta.-Sitosterol	414	C29H50O	000083-46-5	81
5			Isocholesteryl methyl ether	400	C28H48O	029944-53-4	49



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP063023\
 Data File : BP015842.D
 Acq On : 30 Jun 2023 13:58
 Operator : MA/JU
 Sample : 03161-22
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCFX8

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.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
Benzophenone	16.075	4.3	ng/ul	602451	3	14.704	2814090	20.0
(E)-Hexadec-9-e...	18.269	20.3	ng/ul	3112980	4	17.469	3070590	20.0
n-Hexadecanoic ...	18.327	44.9	ng/ul	6890060	4	17.469	3070590	20.0
3-(2-Chloroethy...	18.521	2.3	ng/ul	349230	4	17.469	3070590	20.0
unknown-01	18.739	2.0	ng/ul	310782	4	17.469	3070590	20.0
Linoelaidic acid	19.410	5.0	ng/ul	759301	4	17.469	3070590	20.0
Octadecanoic acid	19.545	11.8	ng/ul	1436900	5	21.557	2444180	20.0
6H-Pyrido[4,3-b...	19.927	7.0	ng/ul	859398	5	21.557	2444180	20.0
(DEL) Alkane: S...	20.268	3.6	ng/ul	443828	5	21.557	2444180	20.0
Eicosanoic acid	20.592	4.6	ng/ul	563791	5	21.557	2444180	20.0
(DEL) Alkane: S...	20.757	2.2	ng/ul	274313	5	21.557	2444180	20.0
1-Heneicosyl fo...	21.227	19.8	ng/ul	2421640	5	21.557	2444180	20.0
(DEL) Alkane: S...	22.133	6.8	ng/ul	832898	5	21.557	2444180	20.0
(DEL) Alkane: S...	22.180	12.9	ng/ul	1576620	5	21.557	2444180	20.0
Oxirane, heptad...	22.921	5.1	ng/ul	646809	6	24.098	2531480	20.0
(DEL) Alkane: S...	23.239	33.9	ng/ul	4285390	6	24.098	2531480	20.0
Octadecanal	24.280	11.1	ng/ul	1409440	6	24.098	2531480	20.0
(DEL) Alkane: S...	24.674	35.7	ng/ul	4514740	6	24.098	2531480	20.0
Heptacosanal	26.127	33.3	ng/ul	4220550	6	24.098	2531480	20.0
(DEL) Alkane: S...	26.639	61.1	ng/ul	7732450	6	24.098	2531480	20.0
.gamma.-Sitosterol	27.739	48.4	ng/ul	6128950	6	24.098	2531480	20.0