LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP063023\
Data File : BP015844.D
Acq On : 30 Jun 2023 15:06
Operator : MA/JU
Sample : 03161-06
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : DCFW2

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: BP015844.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	46	rVB	57104	102312	1.45%	0.092%
2	3.828	106	109	122	rBV	430370	716408	10.18%	0.647%
3	3.928	123	126	135	rVB2	50316	78771	1.12%	0.071%
4	4.046	142	146	154	rVB	41209	65934	0.94%	0.060%
5	4.146	160	163	169	rVB2	22137	30363	0.43%	0.027%
6	5.093	321	324	328	rBV4	8184	10513	0.15%	0.009%
7	6.328	526	534	537	rBV10	5739	14861	0.21%	0.013%
8	7.052	654	657	664	rVB9	4605	9850	0.14%	0.009%
9	7.234	681	688	706	rBV	450802	1216631	17.28%	1.098%
10	7.381	706	713	726	rBV	555540	1010906	14.36%	0.912%
11	7.587	741	748	773	rBV	681087	1338768	19.02%	1.208%
12	8.052	820	827	843	rBV	935809	1753977	24.92%	1.583%
13	8.563	909	914	920	rBV10	5245	14377	0.20%	0.013%
14	8.793	947	953	972	rBV	451958	1196817	17.00%	1.080%
15	9.246	1023	1030	1046	rBV	557053	1217178	17.29%	1.098%
16	9.593	1085	1089	1093	rVB5	10635	16934	0.24%	0.015%
17	9.975	1145	1154	1176	rBV	366067	1029208	14.62%	0.929%
18	10.557	1245	1253	1286	rBV	367292	1420903	20.18%	1.282%
19	10.887	1301	1309	1330	rBV	1168731	2463644	35.00%	2.223%
20	11.099	1338	1345	1362	rBV2	59617	266025	3.78%	0.240%
21	12.081	1507	1512	1518	rVV9	5306	12017	0.17%	0.011%
22	12.410	1563	1568	1572	rBV8	4765	7932	0.11%	0.007%
23	12.504	1580	1584	1586	rBV5	8393	12662	0.18%	0.011%
24	13.216	1700	1705	1710	rBV8	7330	13785	0.20%	0.012%
25	13.422	1737	1740	1743	rBV5	5325	7442	0.11%	0.007%
26	13.504	1750	1754	1758	rVV6	10487	12773	0.18%	0.012%
27	13.587	1761	1768	1779	rVB4	22207	49970	0.71%	0.045%
28	13.681	1779	1784	1789	rBV	39051	55857	0.79%	0.050%
29	14.116	1851	1858	1871	rBV	1297001	2201449	31.27%	1.987%
30	14.216	1871	1875	1881	rVB7	25137	41386	0.59%	0.037%
31	14.398	1899	1906	1923	rBV	1564045	2670805	37.94%	2.410%
32	14.575	1931	1936	1940	rVB4	14258	21328	0.30%	0.019%
33	14.704	1951	1958	1976	rBV	1897000	3072925	43.65%	2.773%
34	14.904	1987	1992	1993	rBV5	5106	8383	0.12%	0.008%
35	14.934	1993	1997	2000	rVB6	5274	7597	0.11%	0.007%
36	14.998	2001	2008	2025	rBV	157243	633357	9.00%	0.572%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP063023\
Data File : BP015844.D
Acq On : 30 Jun 2023 15:06
Operator : MA/JU
Sample : 03161-06
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCFW2

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

37	15.116	2026	2028	2039	rVB9	29751	65819	0.93%	0.059%
38	15.475	2085	2089	2094	rVV7	7408	14827	0.21%	0.013%
39	15.528	2094	2098	2107	rVB5	16369	30422	0.43%	0.027%
40	15.704	2120	2128	2148	rBV	1859362	3286906	46.69%	2.966%
41	15.875	2151	2157	2176	rBV	281161	776022	11.02%	0.700%
42	16.069	2185	2190	2202	rBV	487429	829692	11.79%	0.749%
43	16.398	2240	2246	2253	rBV5	26373	70380	1.00%	0.064%
44	16.551	2268	2272	2279	rBV5	32523	52058	0.74%	0.047%
45	16.628	2279	2285	2291	rVV3	41173	77631	1.10%	0.070%
46	16.722	2297	2301	2303	rBV5	15187	19781	0.28%	0.018%
47	16.845	2318	2322	2332	rVB6	31100	49601	0.70%	0.045%
48	17.092	2361	2364	2368	rBV5	15078	22695	0.32%	0.020%
49	17.181	2376	2379	2384	rBV3	22642	31165	0.44%	0.028%
50	17.286	2395	2397	2398	rBV2	10903	9276	0.13%	0.008%
51	17.339	2402	2406	2413	rVB3	56548	89281	1.27%	0.081%
52	17.404	2413	2417	2421	rBV2	45161	59125	0.84%	0.053%
53	17.463	2421	2427	2433	rBV	2142487	3467469	49.26%	3.129%
54	17.510	2433	2435	2440	rVV2	335823	492658	7.00%	0.445%
55	17.569	2440	2445	2468	rVV2	1763616	3199957	45.46%	2.888%
56	17.728	2469	2472	2477	rVB3	52718	68830	0.98%	0.062%
57	17.898	2499	2501	2502	rBV2	15617	12708	0.18%	0.011%
58	18.063	2527	2529	2532	rBV4	18137	20790	0.30%	0.019%
59	18.098	2532	2535	2540	rVB	53460	63872	0.91%	0.058%
60	18.210	2549	2554	2559	rBV2	69938	100453	1.43%	0.091%
61	18.269	2559	2564	2569	rBV	1977996	2619594	37.21%	2.364%
62	18.328	2569	2574	2583	rVV	4585907	6025170	85.59%	5.437%
63	18.522	2603	2607	2611	rBV3	80348	108653	1.54%	0.098%
64	18.575	2612	2616	2620	rBV3	119468	196101	2.79%	0.177%
65	18.845	2659	2662	2665	rBV3	78564	111008	1.58%	0.100%
66	18.892	2665	2670	2678	rVB2	358849	516590	7.34%	0.466%
67	18.957	2678	2681	2690	rBV5	69364	116777	1.66%	0.105%
68	19.192	2718	2721	2723	rBV	83475	96948	1.38%	0.087%
69	19.228	2723	2727	2733	rVB	216169	299885	4.26%	0.271%
70	19.304	2737	2740	2744	rVB	92906	119363	1.70%	0.108%
71	19.404	2753	2757	2759	rBV	320137	393412	5.59%	0.355%
72	19.433	2759	2762	2763	rVV	453474	536885	7.63%	0.485%
73	19.469	2763	2768	2777	rVV	978682	1827429	25.96%	1.649%
74	19.545	2777	2781	2791	rVV	717543	1049249	14.90%	0.947%
75	19.792	2818	2823	2826	rBV	2550907	3457230	49.11%	3.120%
76	19.928	2841	2846	2854	rVB	3321102	3722190	52.87%	3.359%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP063023\
Data File : BP015844.D
Acq On : 30 Jun 2023 15:06
Operator : MA/JU
Sample : 03161-06
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCFW2

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

77	20.116	2875	2878	2882	rBV4	121657	177625	2.52%	0.160%
78	20.269	2900	2904	2909	rBV2	553660	707823	10.05%	0.639%
79	20.592	2955	2959	2964	rBV3	225385	404391	5.74%	0.365%
80	20.751	2984	2986	2991	rBV4	112266	122435	1.74%	0.110%
81	21.222	3060	3066	3073	rBV4	991149	1816725	25.81%	1.639%
82	21.557	3114	3123	3127	rBV2	2130037	3801966	54.01%	3.431%
83	22.133	3217	3221	3224	rBV	752076	958846	13.62%	0.865%
84	22.174	3224	3228	3237	rVB2	587740	1043400	14.82%	0.942%
85	22.921	3351	3355	3360	rVB2	443090	642310	9.12%	0.580%
86	23.233	3403	3408	3415	rVB	2352076	3951422	56.13%	3.566%
87	23.321	3417	3423	3441	rVB2	1016590	2792450	39.67%	2.520%
88	23.933	3521	3527	3533	rVB2	1325920	2756584	39.16%	2.488%
89	24.098	3549	3555	3563	rBV	1346148	2931931	41.65%	2.646%
90	24.233	3574	3578	3581	rBV	405880	726909	10.33%	0.656%
91	24.280	3582	3586	3595	rVB	864430	1640894	23.31%	1.481%
92	24.668	3646	3652	3667	rVB	1857758	4190740	59.53%	3.782%
93	26.127	3892	3900	3919	rVB	2146626	5987467	85.05%	5.403%
94	26.639	3979	3987	3996	rBV	2112807	6775867	96.25%	6.115%
95	26.974	4037	4044	4061	rVB5	1448541	5429988	77.13%	4.900%
96	27.733	4164	4173	4188	rVB2	1766329	7039677	100.00%	6.353%

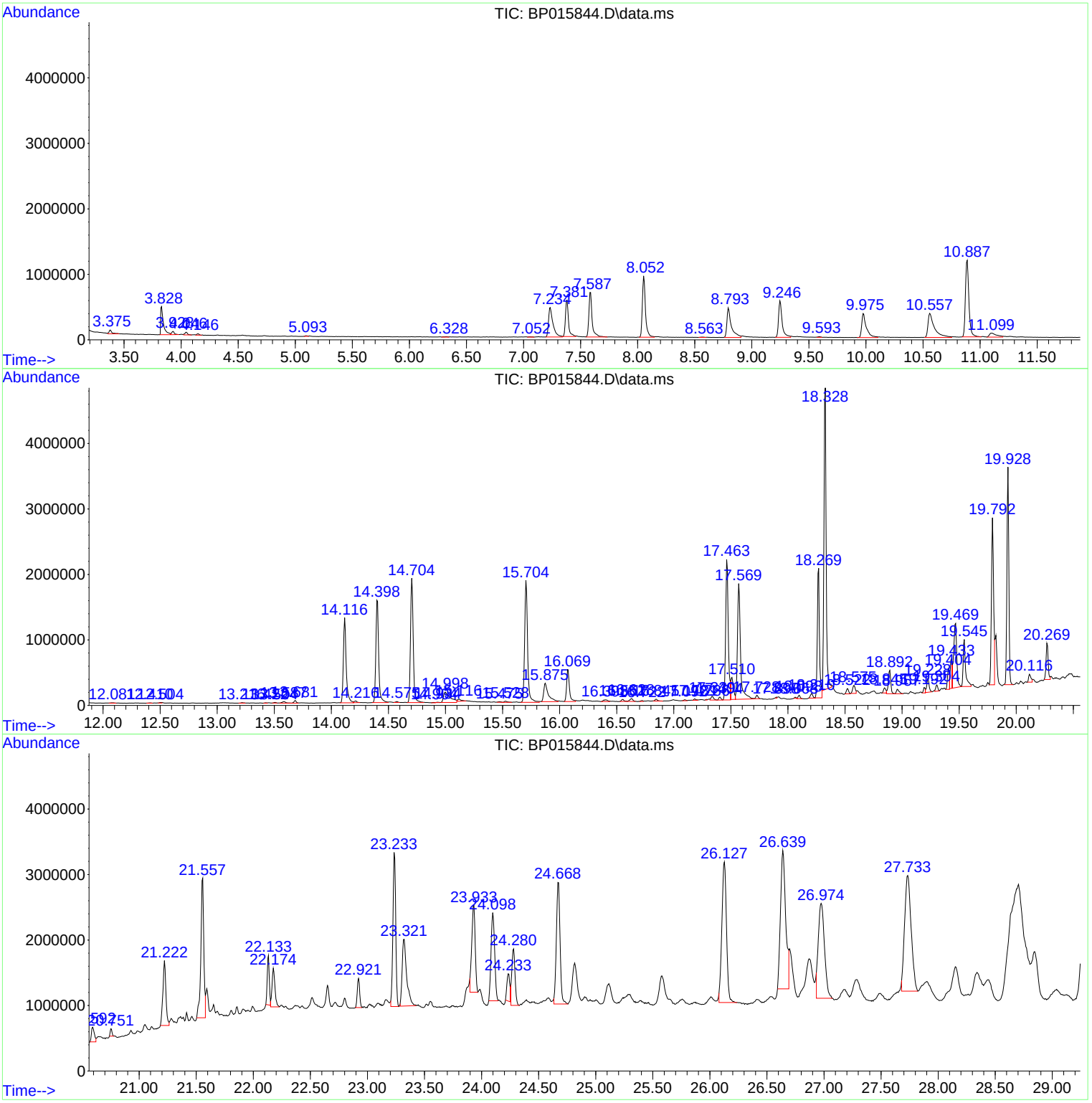
Sum of corrected areas: 110811400

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP063023\
Data File : BP015844.D
Acq On : 30 Jun 2023 15:06
Operator : MA/JU
Sample : 03161-06
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCFW2

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP063023\
Data File : BP015844.D
Acq On : 30 Jun 2023 15:06
Operator : MA/JU
Sample : 03161-06
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCFW2

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

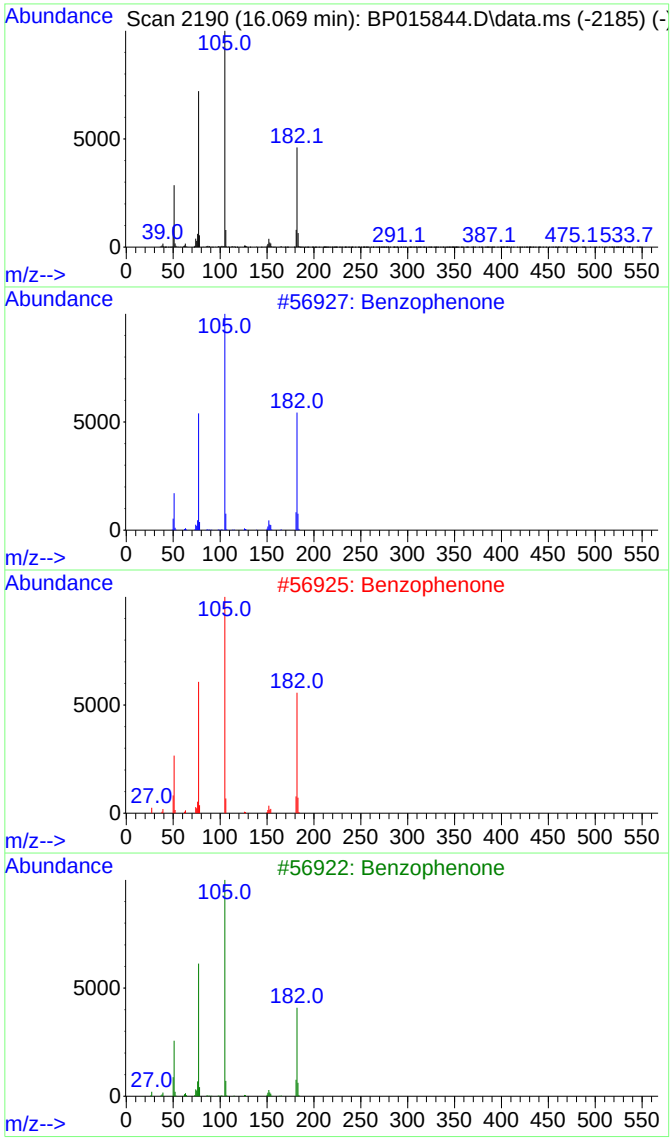
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

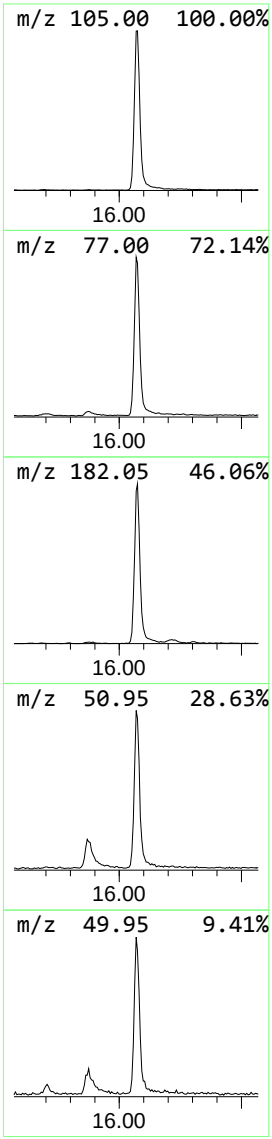
****

Peak Number 1 Benzophenone Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.069	5.40 ng/ul	829692	Acenaphthene-d10	14.704

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	97
2	Benzophenone	182	C13H10O	000119-61-9	96
3	Benzophenone	182	C13H10O	000119-61-9	96
4	Benzophenone	182	C13H10O	000119-61-9	91
5	1,2,4,5-Tetroxane, 3,3,6,6-tetra...	396	C26H20O4	016204-36-7	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP063023\
Data File : BP015844.D
Acq On : 30 Jun 2023 15:06
Operator : MA/JU
Sample : 03161-06
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCFW2

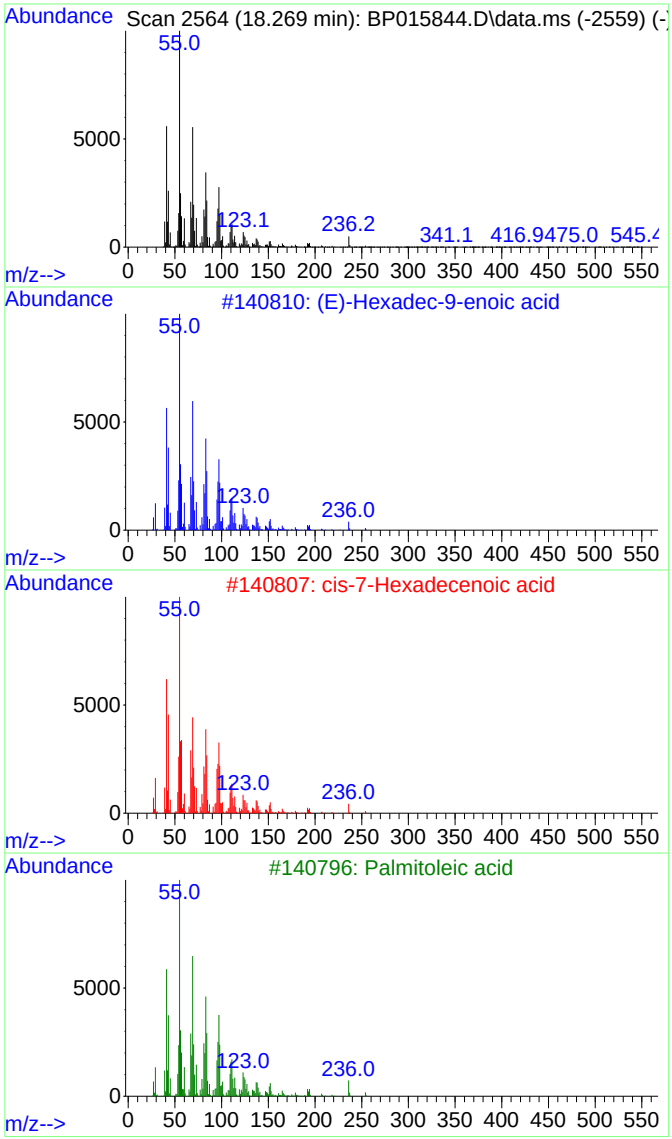
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

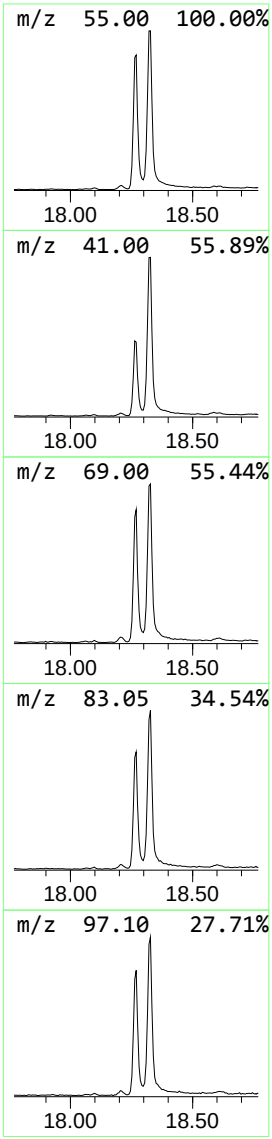
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.269	15.11 ng/ul	2619590	Phenanthrene-d10	17.463

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-Hexadec-9-enoic acid	254	C16H30O2	010030-73-6	99
2	cis-7-Hexadecenoic acid	254	C16H30O2	002416-19-5	98
3	Palmitoleic acid	254	C16H30O2	000373-49-9	94
4	Myristoleic acid	226	C14H26O2	000544-64-9	93
5	Myristoleic acid	226	C14H26O2	000544-64-9	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP063023\
Data File : BP015844.D
Acq On : 30 Jun 2023 15:06
Operator : MA/JU
Sample : 03161-06
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCFW2

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

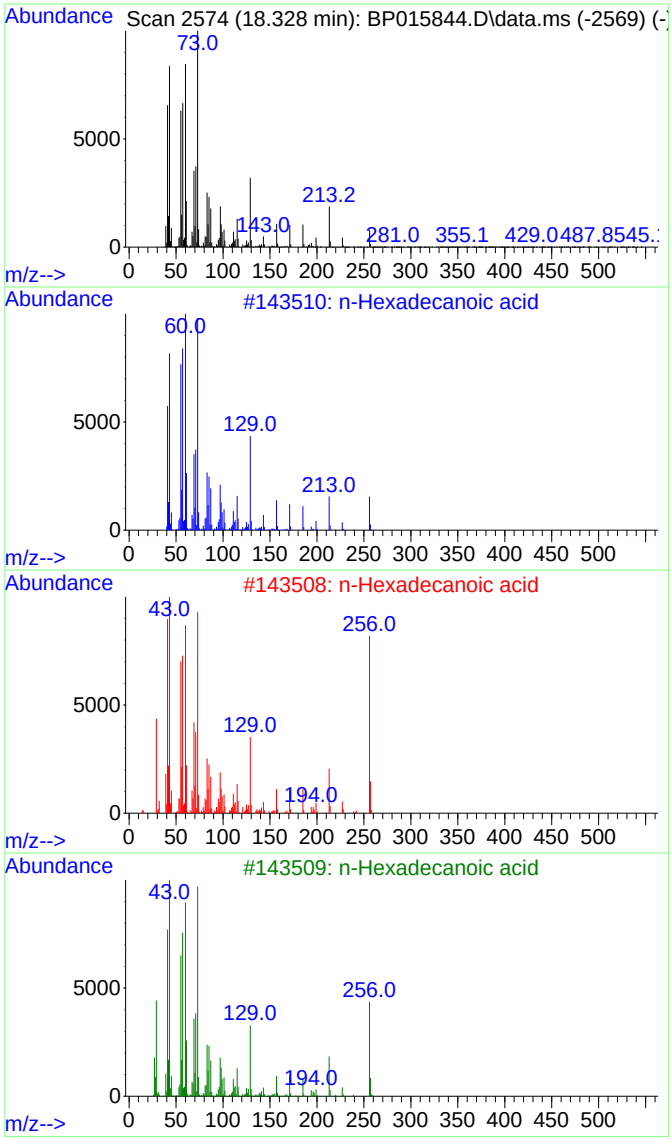
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

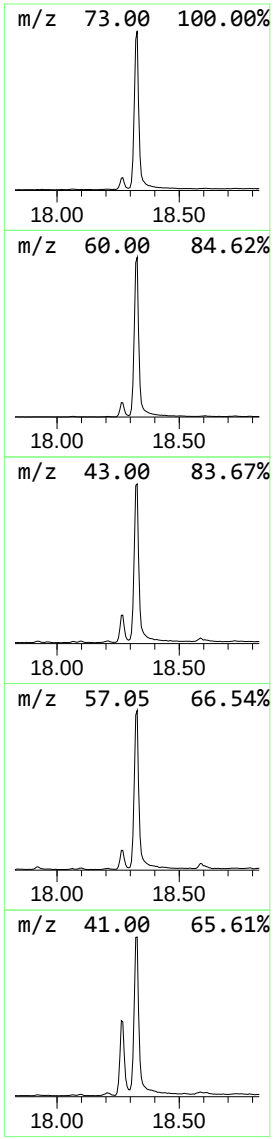
****

Peak Number 3 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.328	34.75 ng/ul	6025170	Phenanthrene-d10	17.463

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	97
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP063023\
Data File : BP015844.D
Acq On : 30 Jun 2023 15:06
Operator : MA/JU
Sample : 03161-06
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCFW2

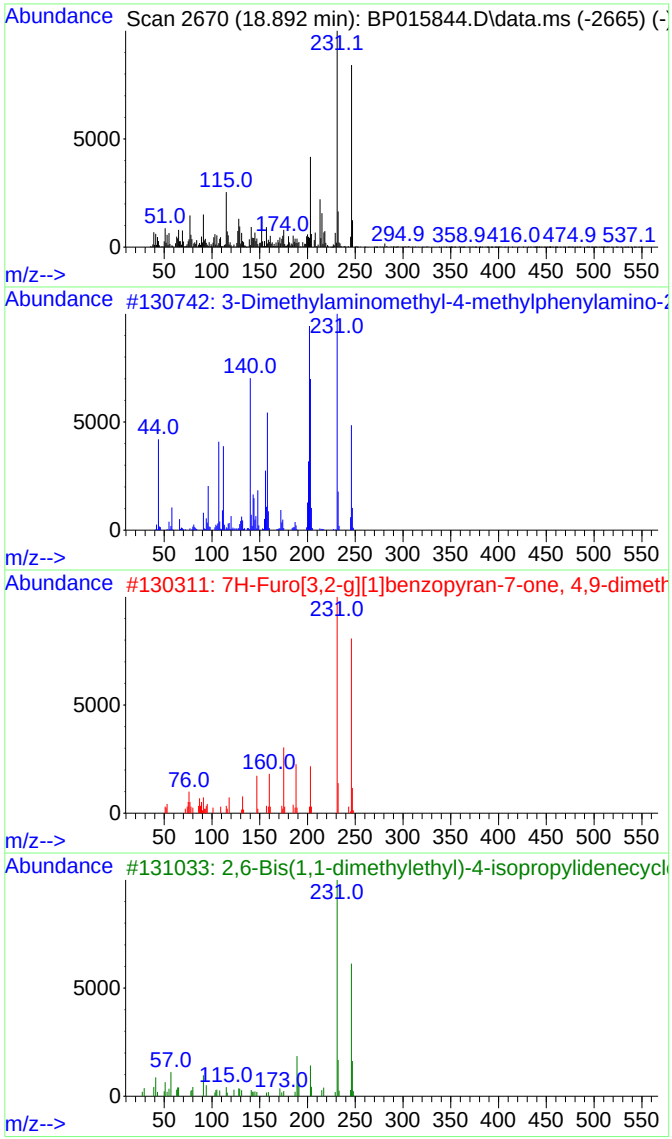
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

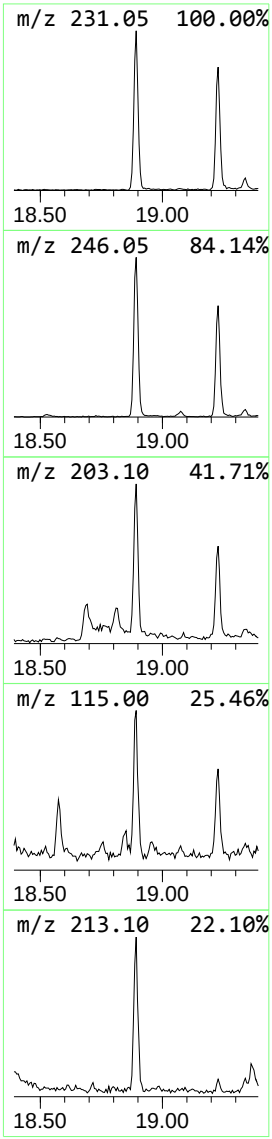
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 3-Dimethylaminomethyl-4-met... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.892	2.98 ng/ul	516590	Phenanthrene-d10	17.463

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Dimethylaminomethyl-4-methylph...	246	C14H18N2O2	1000427-46-0	98
2	7H-Furo[3,2-g][1]benzopyran-7-on...	246	C13H10O5	000482-27-9	68
3	2,6-Bis(1,1-dimethylethyl)-4-iso...	246	C17H26O	005427-02-1	62
4	Benzene, hexaethyl-	246	C18H30	000604-88-6	62
5	Pimpinellin	246	C13H10O5	000131-12-4	58





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP063023\
Data File : BP015844.D
Acq On : 30 Jun 2023 15:06
Operator : MA/JU
Sample : 03161-06
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCFW2

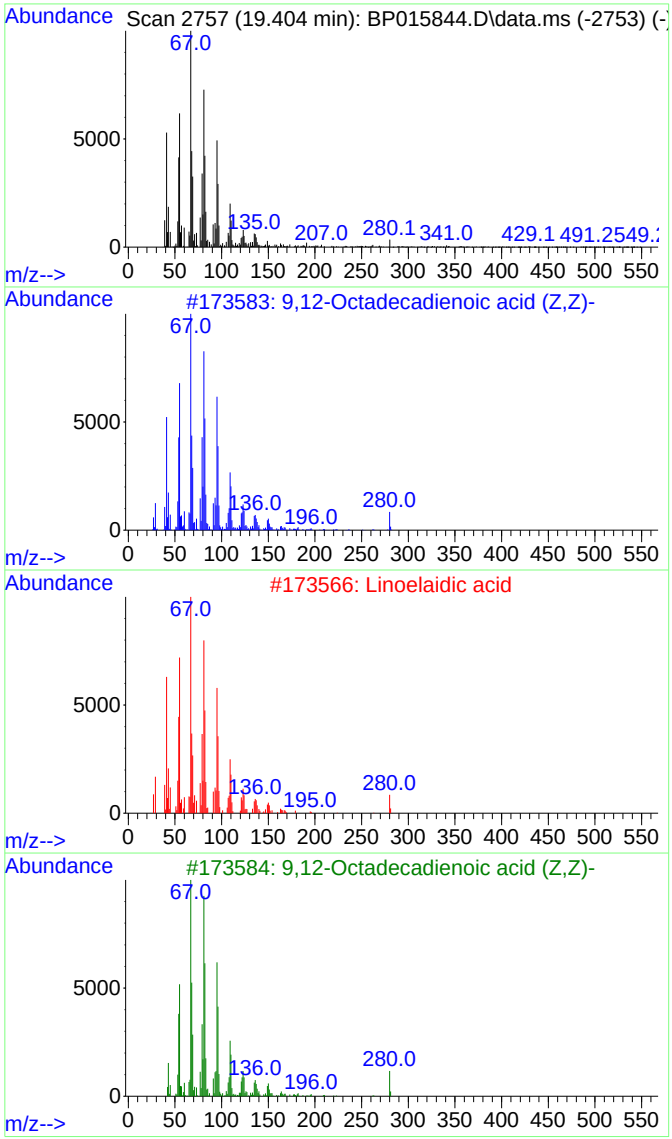
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

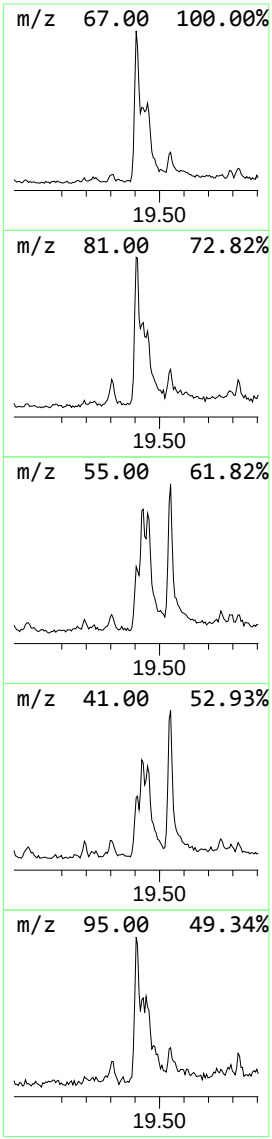
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 9,12-Octadecadienoic acid (... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.404	2.27 ng/ul	393412	Phenanthrene-d10	17.463

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid (Z,Z)-	280	C18H32O2	000060-33-3	99
2	Linoelaidic acid	280	C18H32O2	000506-21-8	98
3	9,12-Octadecadienoic acid (Z,Z)-	280	C18H32O2	000060-33-3	98
4	10E,12Z-Octadecadienoic acid	280	C18H32O2	002420-56-6	97
5	(9E,11E)-Octadecadienoic acid	280	C18H32O2	000544-71-8	96





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP063023\
Data File : BP015844.D
Acq On : 30 Jun 2023 15:06
Operator : MA/JU
Sample : 03161-06
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCFW2

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

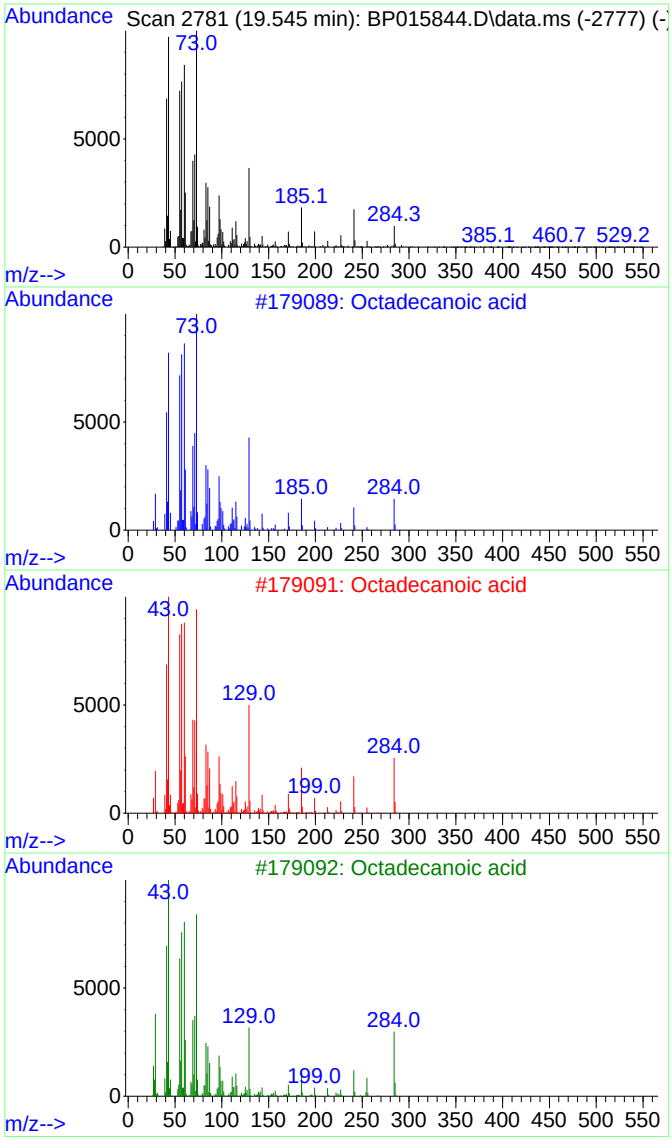
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

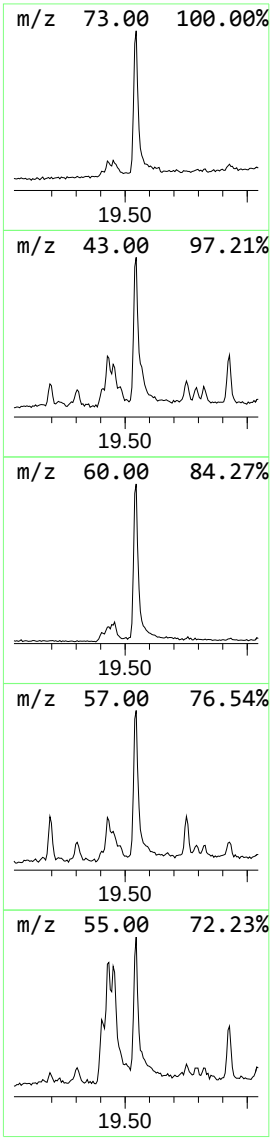
****

Peak Number 6 Octadecanoic acid Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.545	5.52 ng/ul	1049250	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	95
4	Octadecanoic acid	284	C18H36O2	000057-11-4	95
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	93





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Sample : 03161-06
Misc :
ALS Vial : 11 Sample Multiplier: 1

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BNA_P
ClientSampleId :
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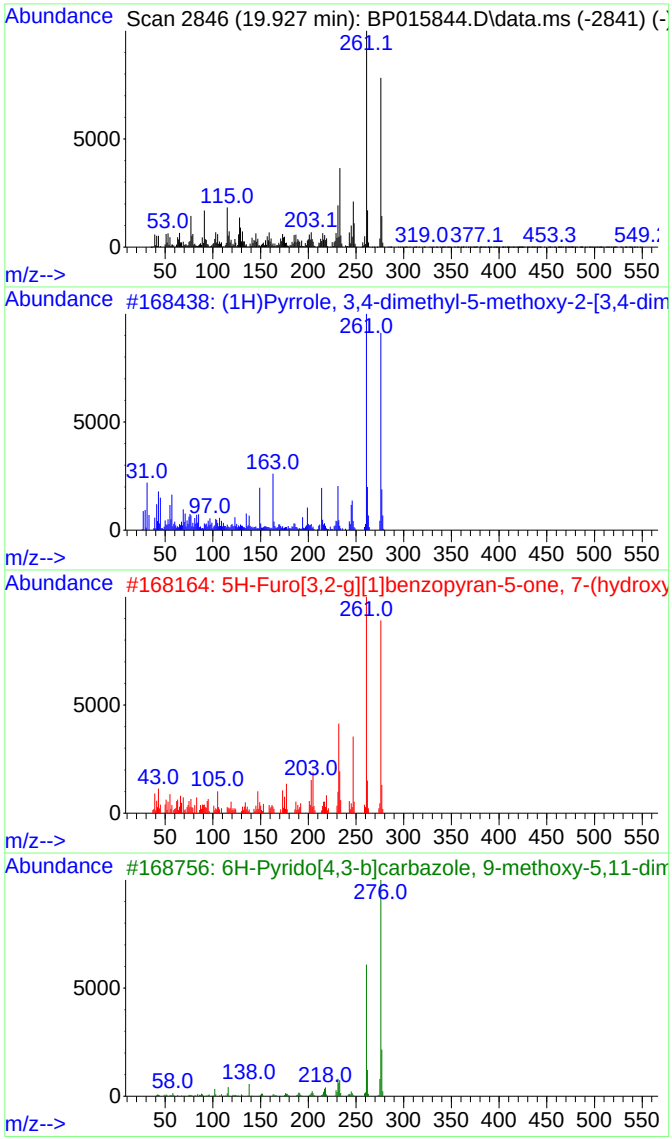
Quant Title : SVOA CALIBRATION

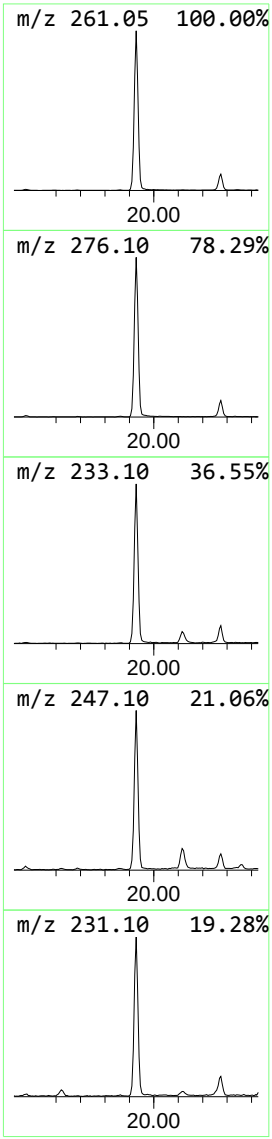
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 (1H)Pyrrole, 3,4-dimethyl-5... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.927	19.58 ng/ul	3722190	Chrysene-d12	21.557

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(1H)Pyrrole, 3,4-dimethyl-5-meth...	276	C15H20N2OS	1000197-22-6	90
2	5H-Furo[3,2-g][1]benzopyran-5-on...	276	C14H12O6	000668-10-0	72
3	6H-Pyrido[4,3-b]carbazole, 9-met...	276	C18H16N2O	010371-86-5	72
4	3,5-di-tert-Butyl-4-hydroxycinna...	276	C17H24O3	022014-01-3	70
5	4-(3-Fluoro-8-nitronaphthalen-2-...	276	C14H13FN2O3	1000409-37-1	64





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ALS Vial : 11 Sample Multiplier: 1

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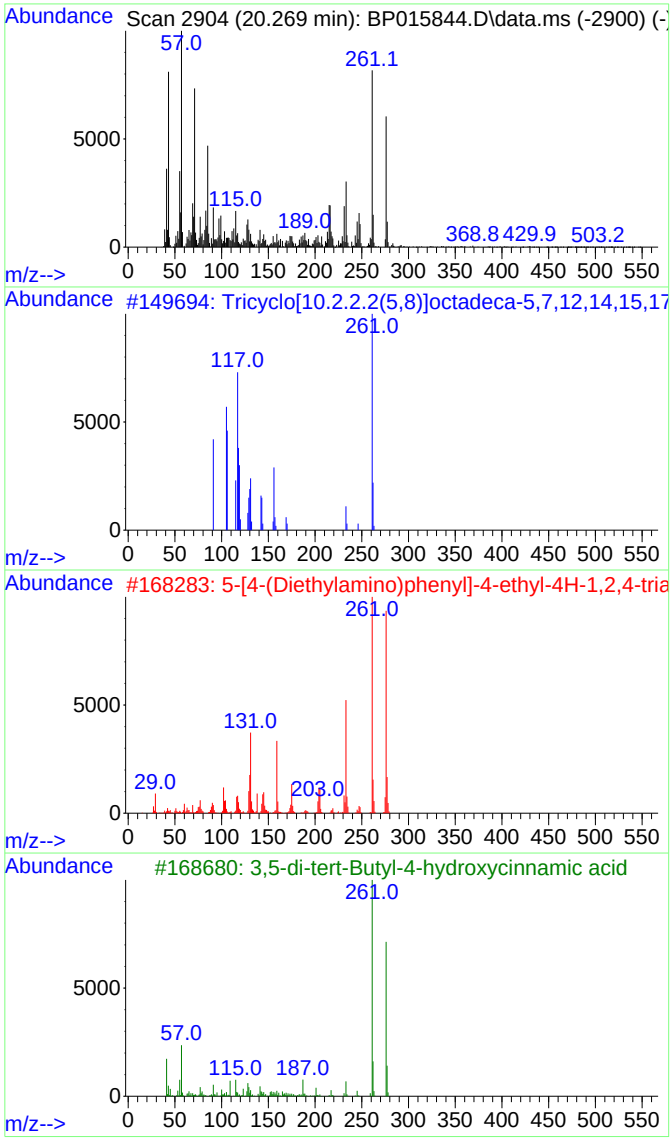
Quant Title : SVOA CALIBRATION

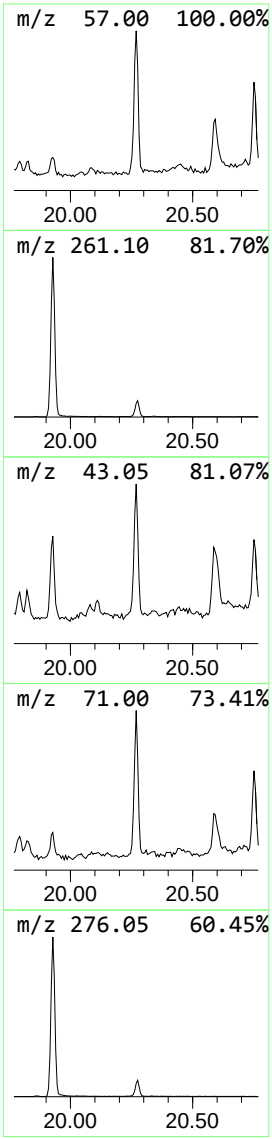
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Tricyclo[10.2.2.2(5,8)]octa... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.269	3.72 ng/ul	707823	Chrysene-d12	21.557

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tricyclo[10.2.2.2(5,8)]octadeca-...	261	C19H19N	024770-03-4	83
2	5-[4-(Diethylamino)phenyl]-4-eth...	276	C14H20N4S	1000476-62-2	43
3	3,5-di-tert-Butyl-4-hydroxycinna...	276	C17H24O3	022014-01-3	41
4	6H-Pyrido[4,3-b]carbazole, 9-met...	276	C18H16N2O	010371-86-5	38
5	3-Methoxy-5-pentyl-2-prenylpheno...	276	C18H28O2	083036-53-7	38





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Sample : 03161-06
Misc :
ALS Vial : 11 Sample Multiplier: 1

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BNA_P
ClientSampleId :
DCFW2

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Quant Title : SVOA CALIBRATION

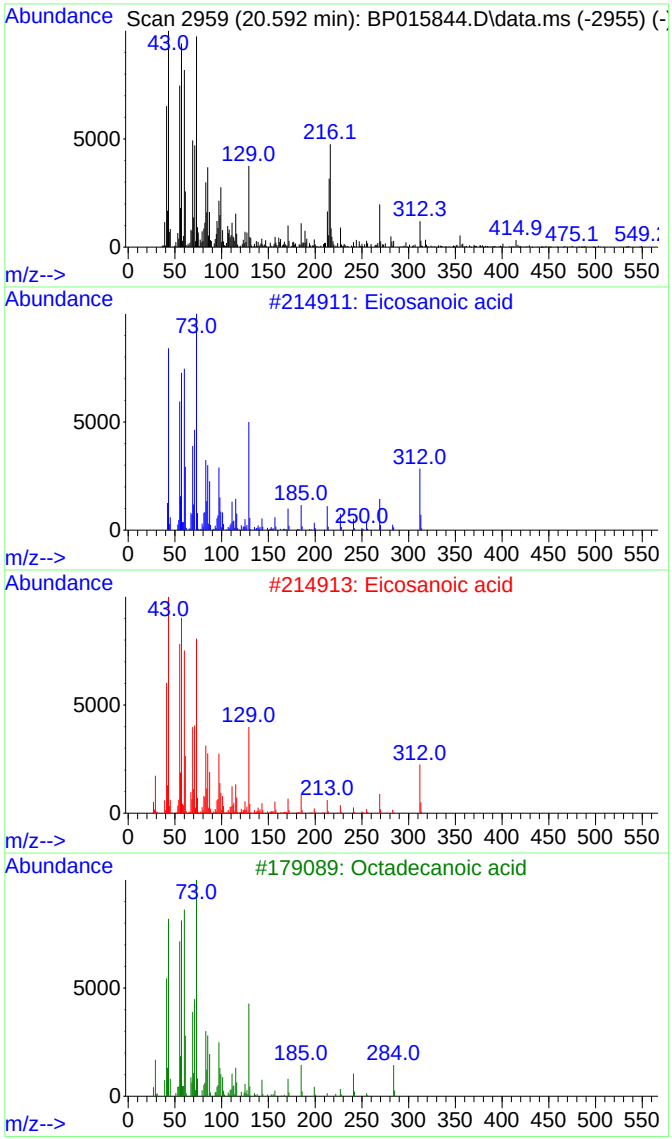
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

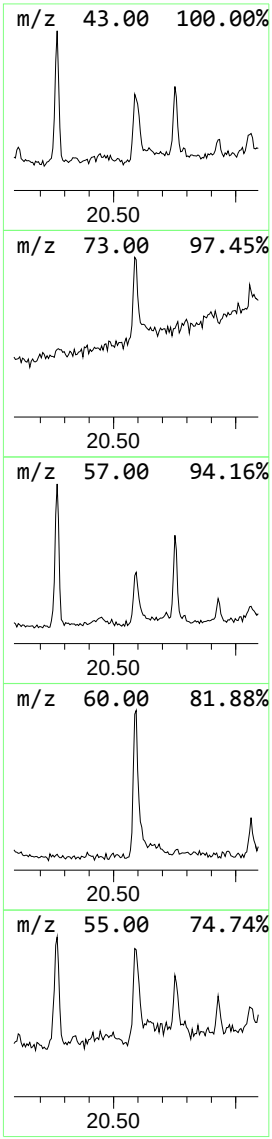
****

Peak Number 9 Eicosanoic acid Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.592	2.13 ng/ul	404391	Chrysene-d12	21.557

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosanoic acid	312	C20H40O2	000506-30-9	97
2	Eicosanoic acid	312	C20H40O2	000506-30-9	95
3	Octadecanoic acid	284	C18H36O2	000057-11-4	91
4	Eicosanoic acid	312	C20H40O2	000506-30-9	84
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	60





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Data File : BP015844.D
Acq On : 30 Jun 2023 15:06
Operator : MA/JU
Sample : 03161-06
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCFW2

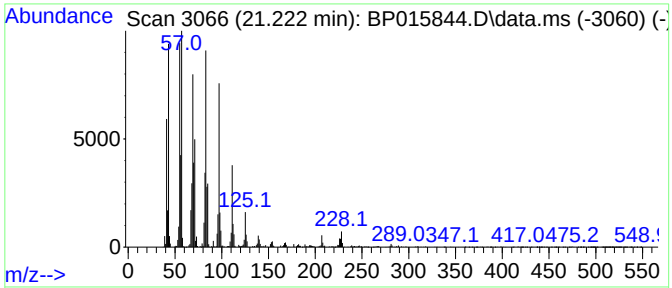
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

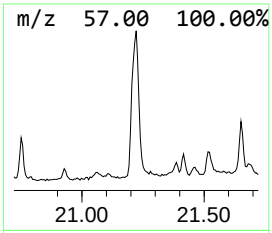
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

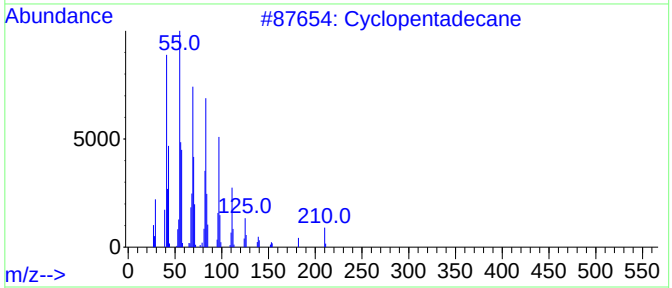
****
Peak Number 10 (DEL) Alkane: Cyclic21.222 Concentration Rank 11

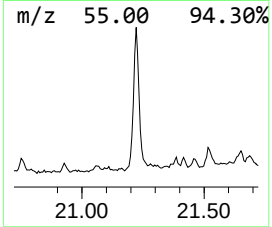
R.T.	EstConc	Area	Relative to ISTD	R.T.
21.222	9.56 ng/ul	1816730	Chrysene-d12	21.557

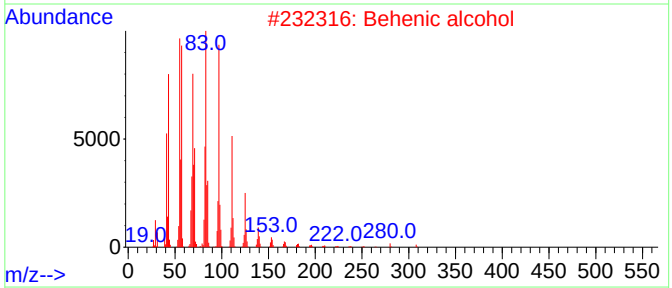
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentadecane	210	C15H30	000295-48-7	96
2	Behenic alcohol	326	C22H46O	000661-19-8	94
3	n-Tetracosanol-1	354	C24H50O	000506-51-4	94
4	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	94
5	1-Tetracosene	336	C24H48	010192-32-2	91

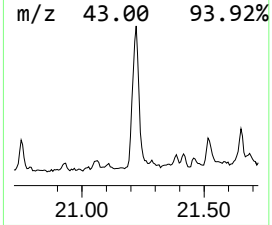


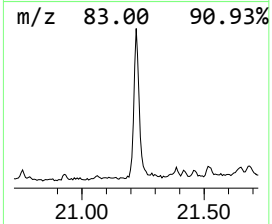


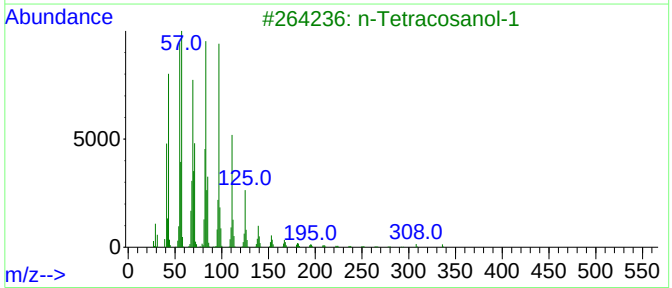


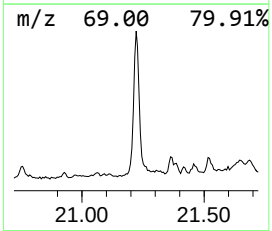












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Data File : BP015844.D
Acq On : 30 Jun 2023 15:06
Operator : MA/JU
Sample : 03161-06
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCFW2

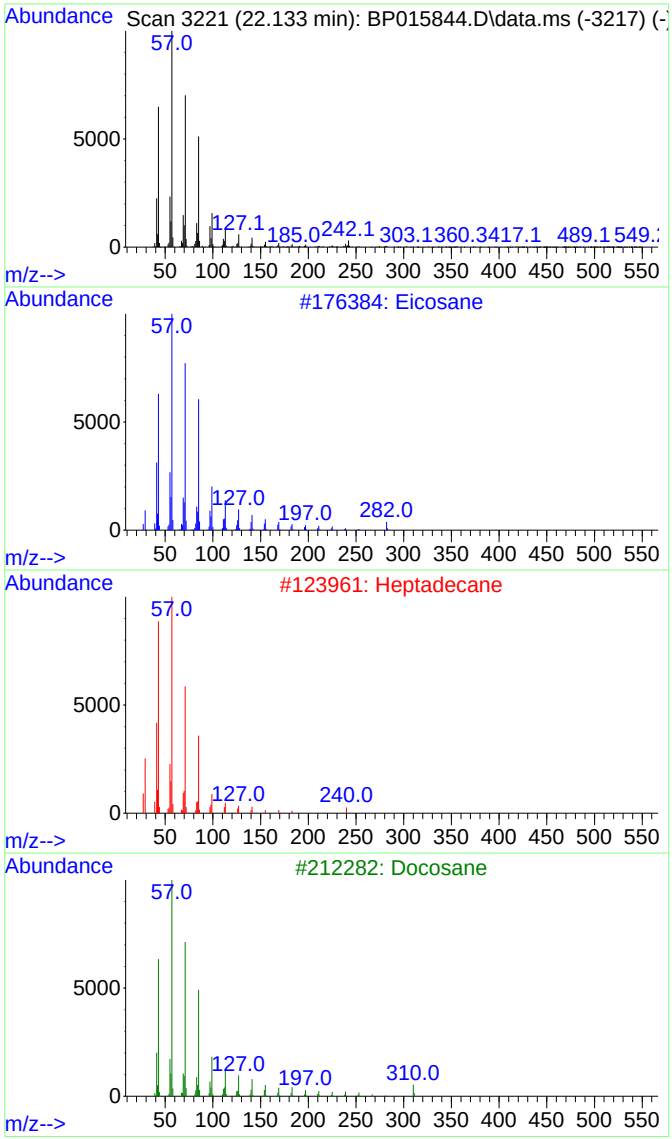
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

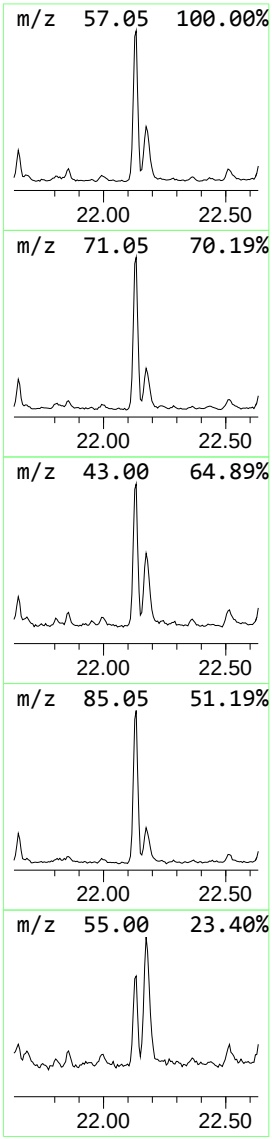
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.133	5.04 ng/ul	958846	Chrysene-d12	21.557

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	97
2	Heptadecane	240	C17H36	000629-78-7	94
3	Docosane	310	C22H46	000629-97-0	94
4	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	93
5	Hexacosane	366	C26H54	000630-01-3	91





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Sample : 03161-06
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCFW2

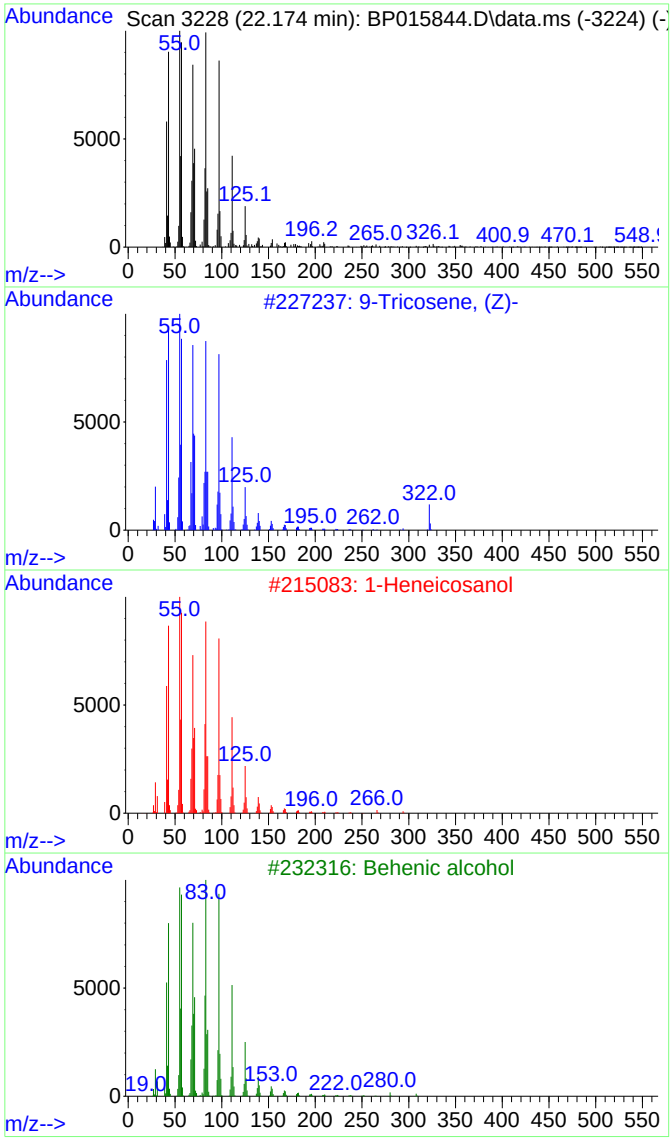
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

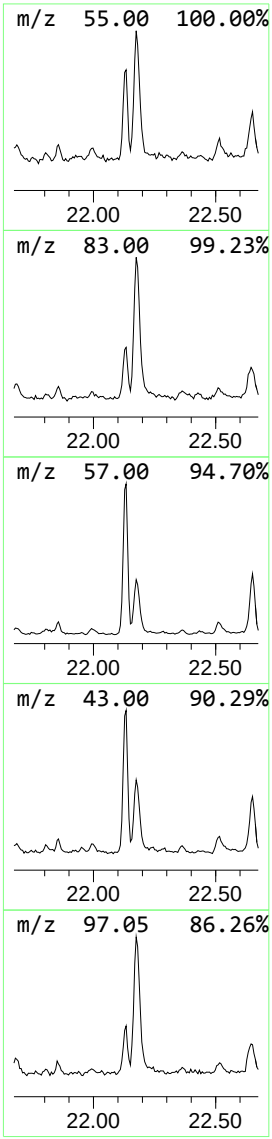
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.174	5.49 ng/ul	1043400	Chrysene-d12	21.557

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Tricosene, (Z)-	322	C23H46	027519-02-4	95
2	1-Heneicosanol	312	C21H44O	015594-90-8	94
3	Behenic alcohol	326	C22H46O	000661-19-8	94
4	1-Tricosene	322	C23H46	018835-32-0	93
5	1-Octadecanol	270	C18H38O	000112-92-5	91





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ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCFW2

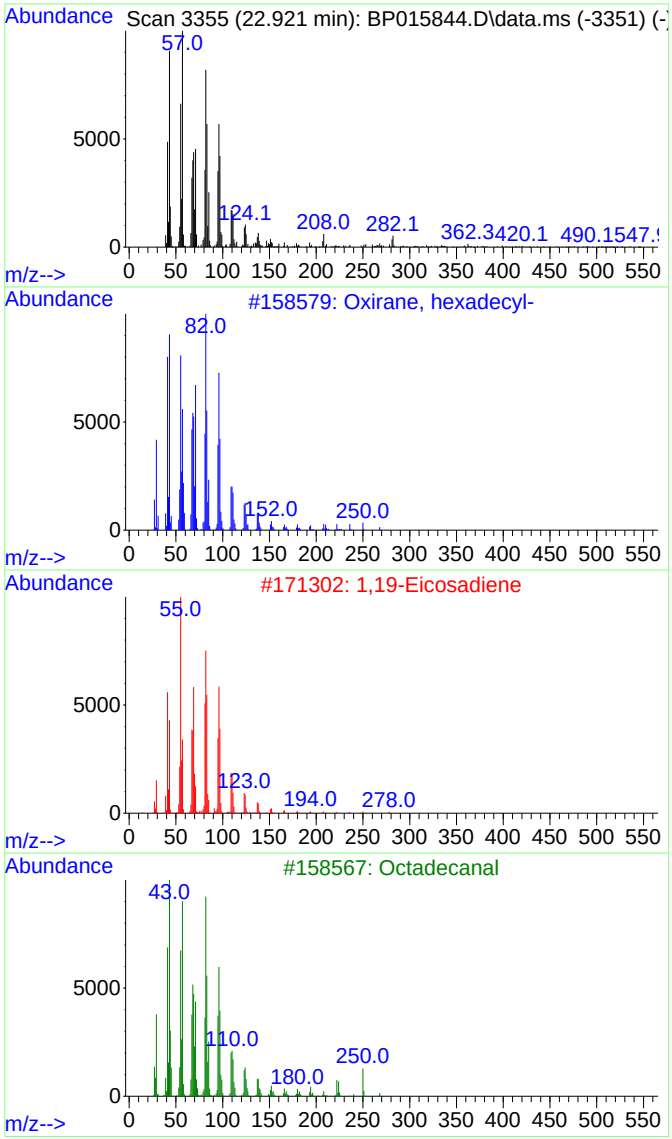
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

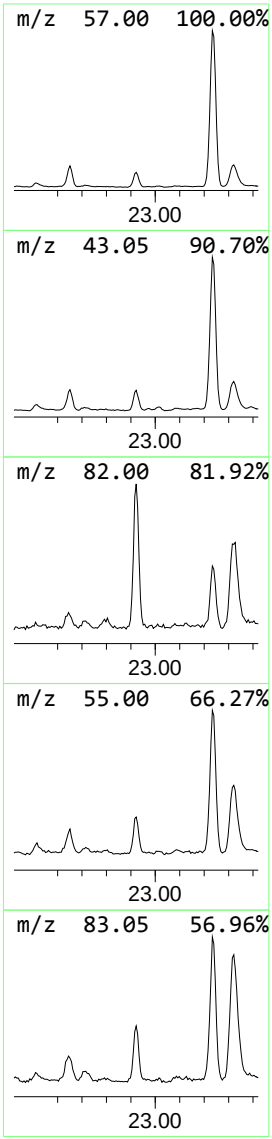
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Oxirane, hexadecyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.922	4.38 ng/ul	642310	Perylene-d12	24.098

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	95
2	1,19-Eicosadiene	278	C20H38	014811-95-1	95
3	Octadecanal	268	C18H36O	000638-66-4	95
4	Hexacosanal	380	C26H52O	026627-85-0	94
5	Octadecanal	268	C18H36O	000638-66-4	91





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Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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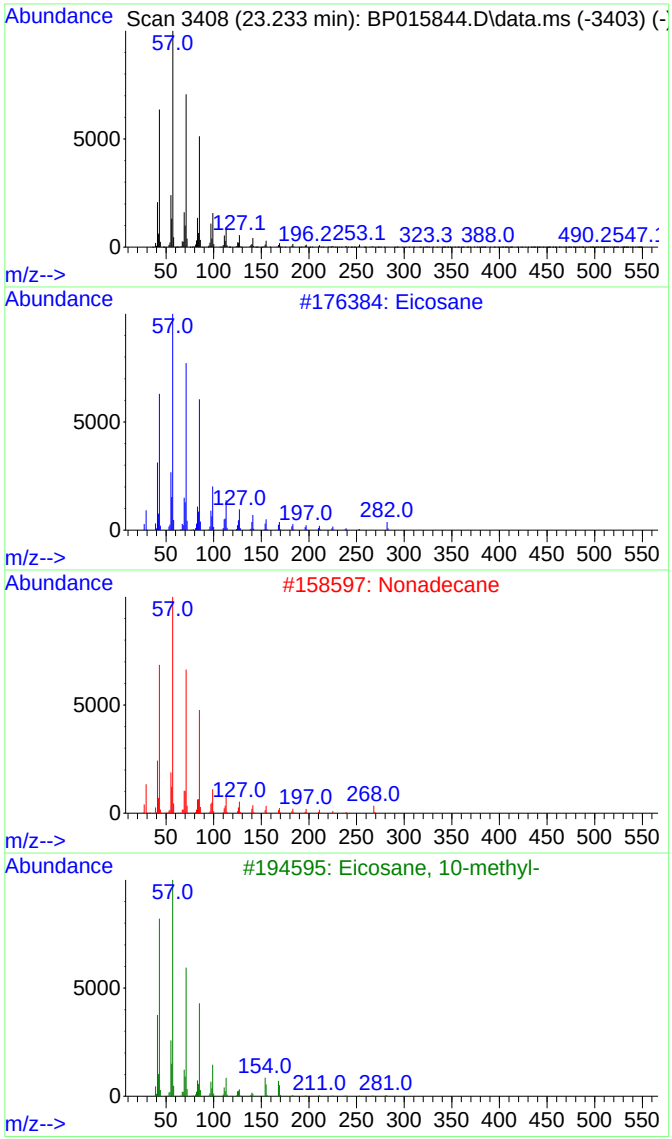
Quant Title : SVOA CALIBRATION

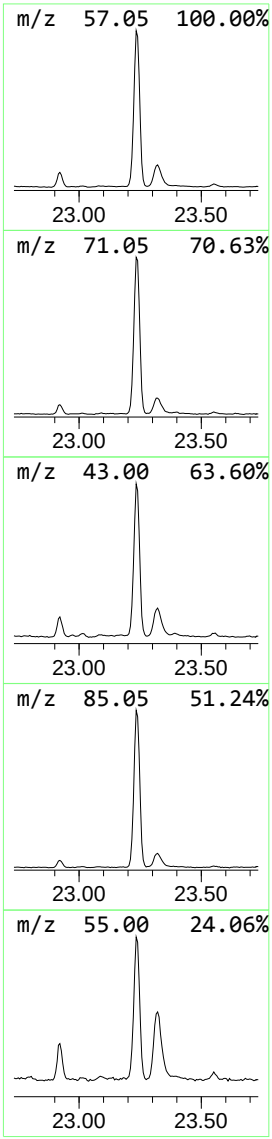
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.233	26.95 ng/ul	3951420	Perylene-d12	24.098

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	97
2	Nonadecane	268	C19H40	000629-92-5	94
3	Eicosane, 10-methyl-	296	C21H44	054833-23-7	94
4	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	93
5	Heneicosane	296	C21H44	000629-94-7	91





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Quant Title : SVOA CALIBRATION

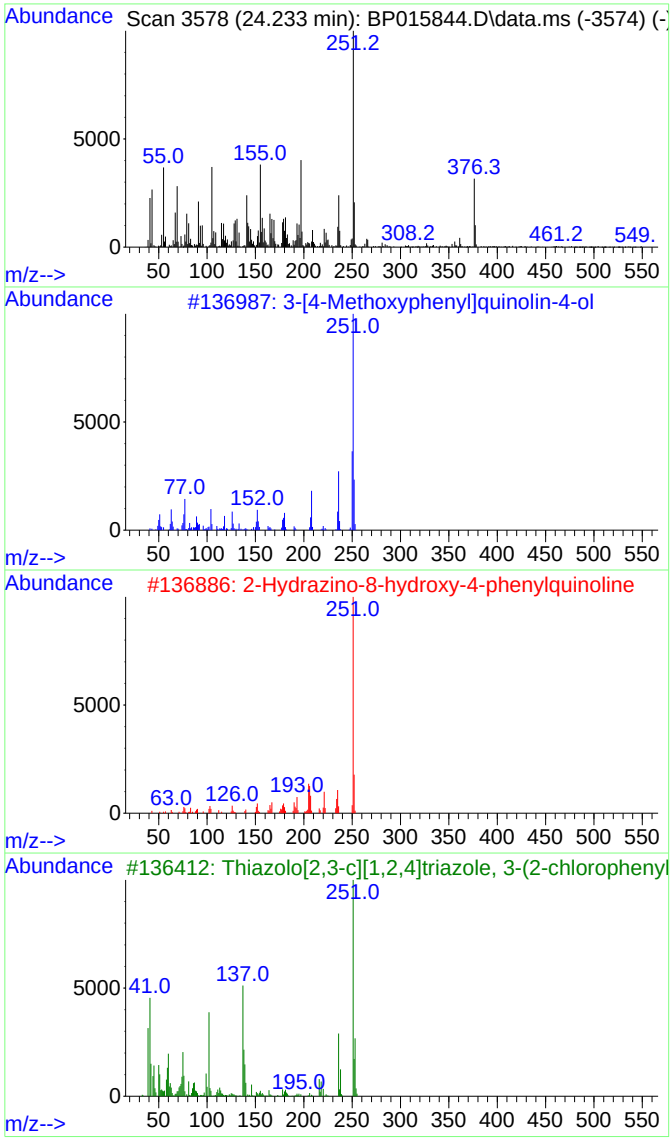
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

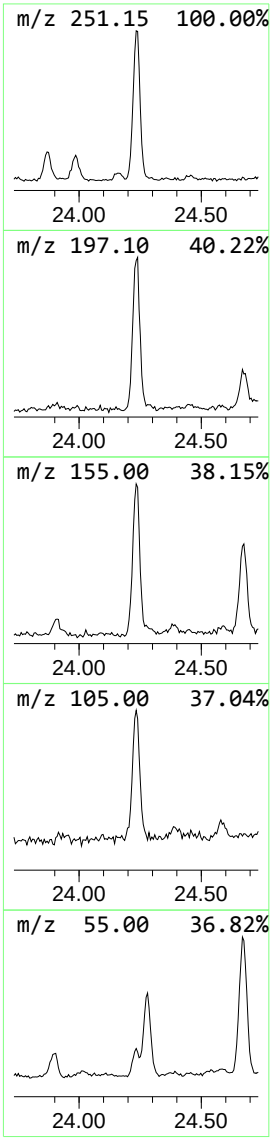
****

Peak Number 15 unknown-01 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.233	4.96 ng/ul	726909	Perylene-d12	24.098

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-[4-Methoxyphenyl]quinolin-4-ol	251	C16H13NO2	1010254-66-9	43
2	2-Hydrazino-8-hydroxy-4-phenylqu...	251	C15H13N3O	104926-85-4	38
3	Thiazolo[2,3-c][1,2,4]triazole, ...	251	C11H10ClN3S	1000303-64-8	38
4	9-(3-Chlorobenzyl)-9-hydroxy-3,6...	376	C25H25ClO	142728-03-8	35
5	N,N-Dimethyl-4-(6-methyl-1H-benz...	251	C16H17N3	069570-95-2	30





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Sample : 03161-06
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCFW2

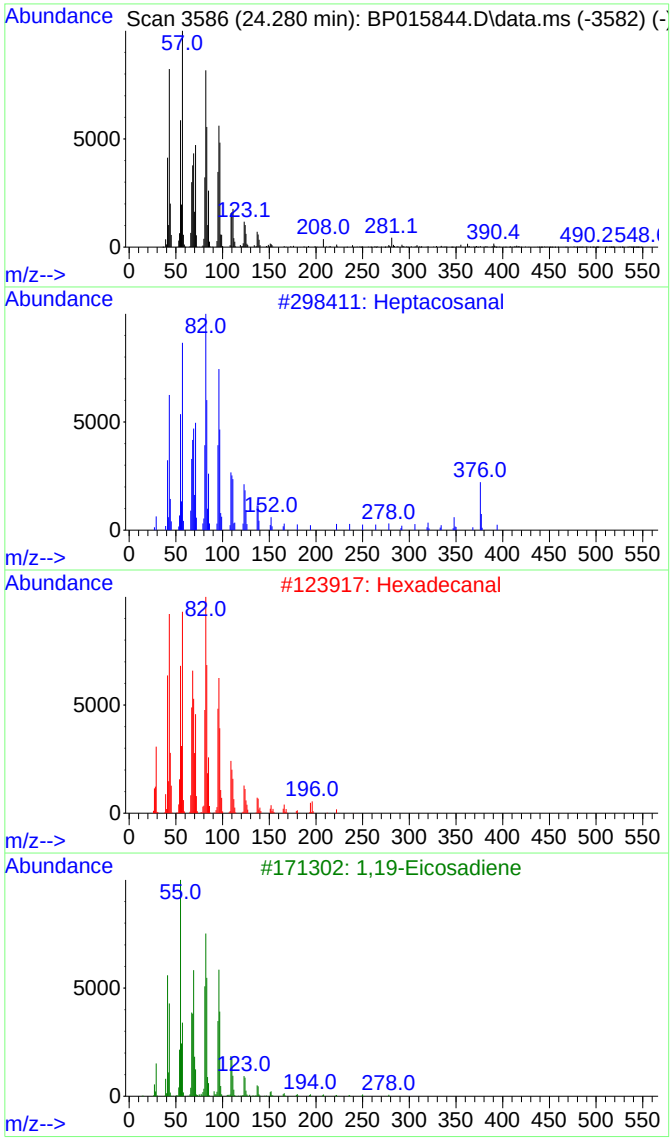
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

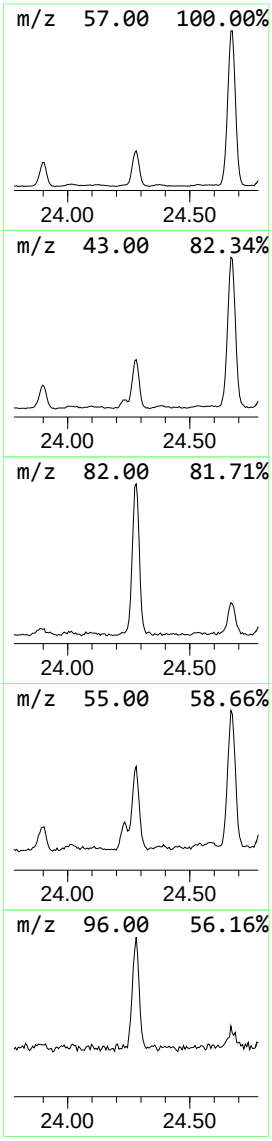
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Heptacosanal Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.280	11.19 ng/ul	1640890	Perylene-d12	24.098

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosanal	394	C27H54O	072934-03-3	98
2	Hexadecanal	240	C16H32O	000629-80-1	96
3	1,19-Eicosadiene	278	C20H38	014811-95-1	93
4	Dotriacontanal	464	C32H64O	057878-00-9	91
5	(Z)-14-Tricosenyl formate	366	C24H46O2	077899-10-6	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP063023\
Data File : BP015844.D
Acq On : 30 Jun 2023 15:06
Operator : MA/JU
Sample : 03161-06
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCFW2

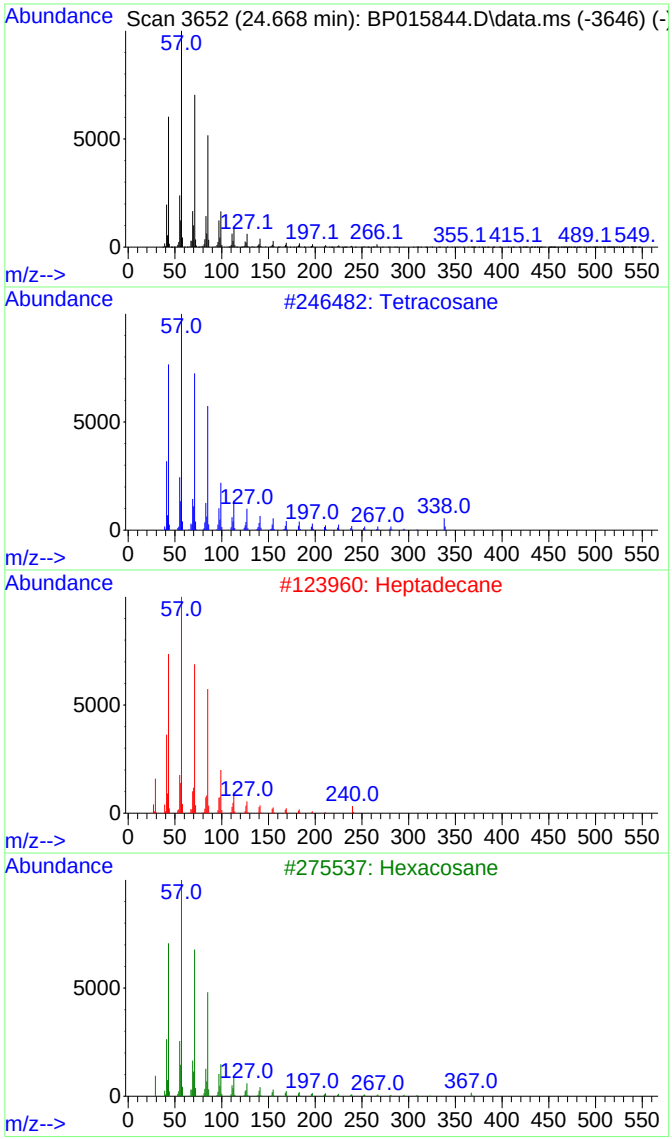
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

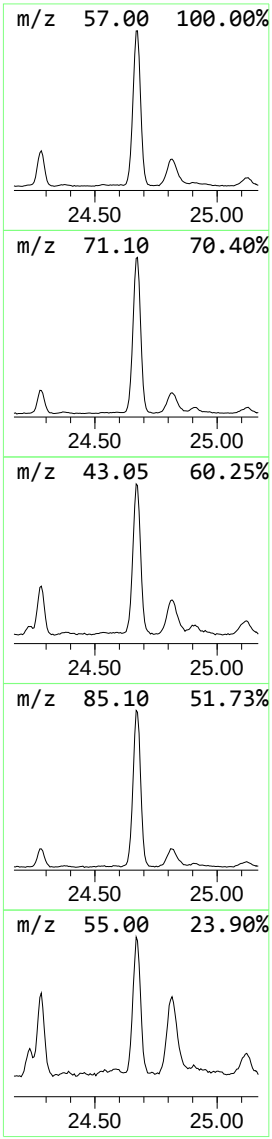
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.668	28.59 ng/ul	4190740	Perylene-d12	24.098

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	96
2	Heptadecane	240	C17H36	000629-78-7	93
3	Hexacosane	366	C26H54	000630-01-3	91
4	Heneicosane	296	C21H44	000629-94-7	91
5	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	91





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Data File : BP015844.D
Acq On : 30 Jun 2023 15:06
Operator : MA/JU
Sample : 03161-06
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCFW2

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

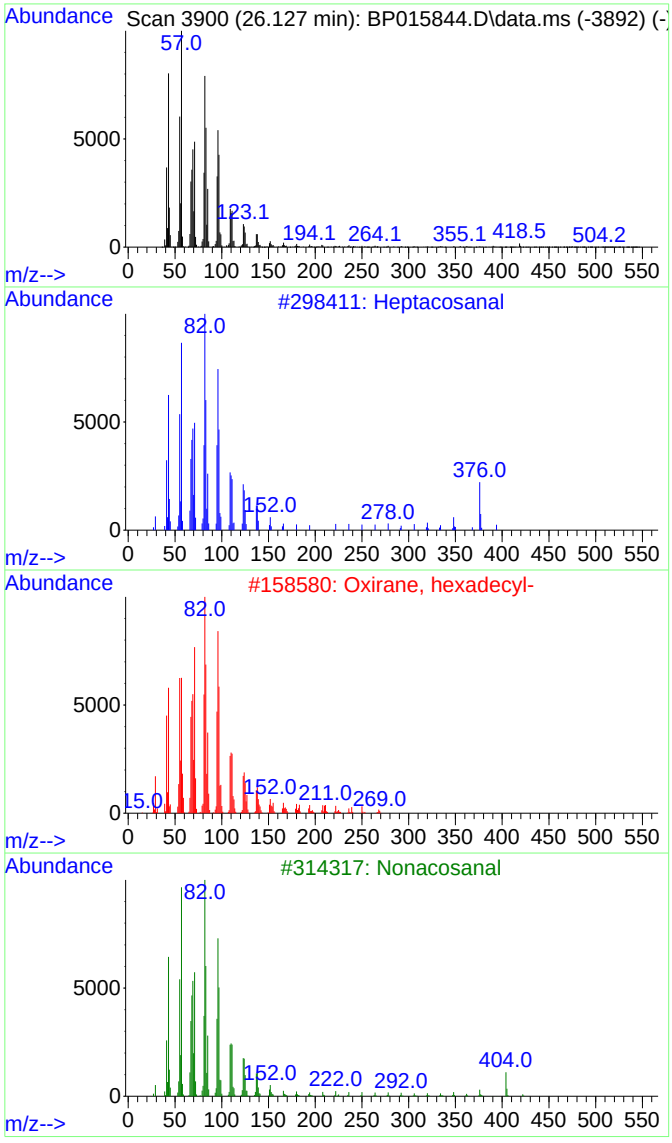
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

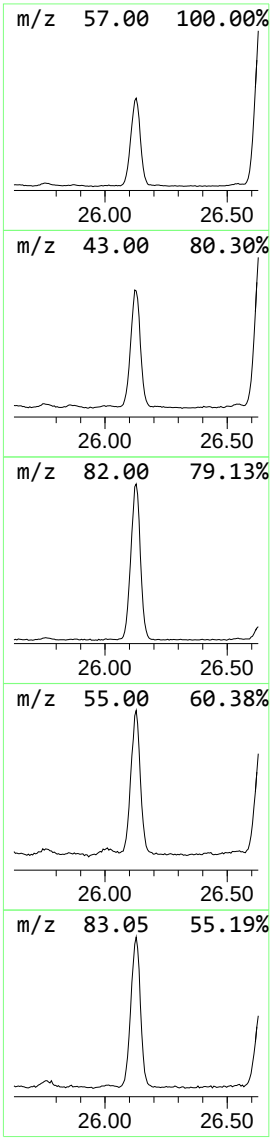
****

Peak Number 18 Nonacosanal Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.127	40.84 ng/ul	5987470	Perylene-d12	24.098

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosanal	394	C27H54O	072934-03-3	99
2	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	91
3	Nonacosanal	422	C29H58O	072934-04-4	91
4	Oxirane, heptadecyl-	282	C19H38O	067860-04-2	91
5	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP063023\
Data File : BP015844.D
Acq On : 30 Jun 2023 15:06
Operator : MA/JU
Sample : 03161-06
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCFW2

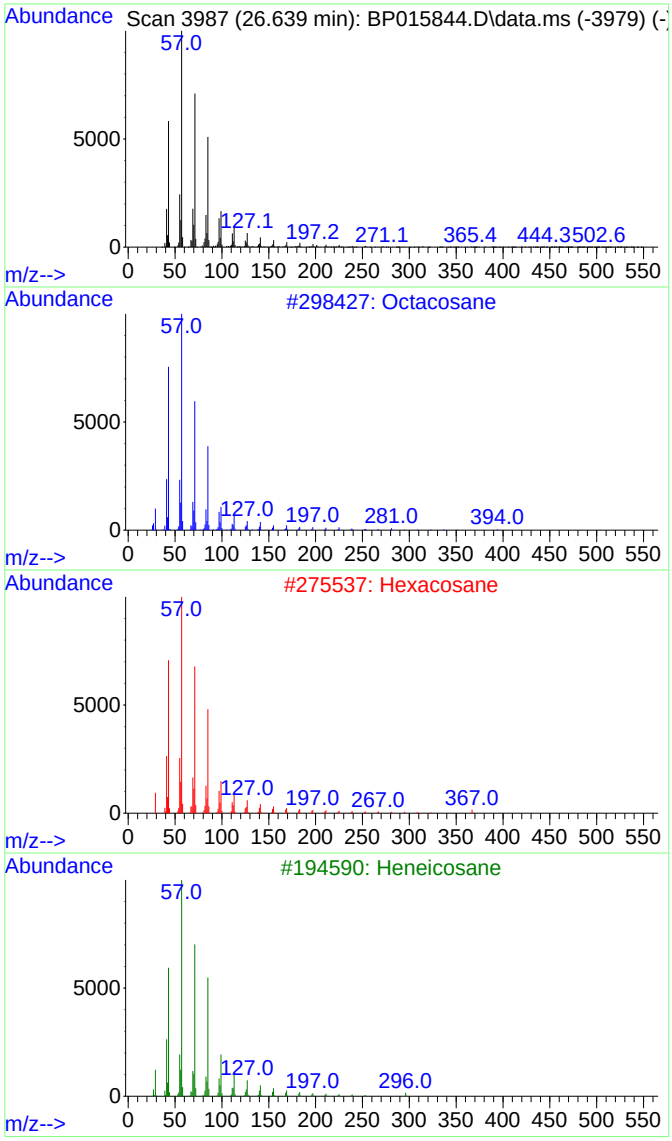
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

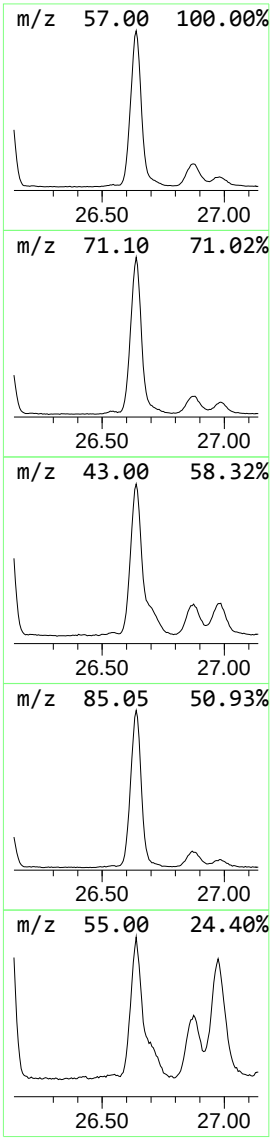
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.639	46.22 ng/ul	6775870	Perylene-d12	24.098

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	91
2	Hexacosane	366	C26H54	000630-01-3	91
3	Heneicosane	296	C21H44	000629-94-7	91
4	Hexacosane, 1-iodo-	492	C26H53I	1000406-32-1	91
5	Sulfurous acid, butyl dodecyl ester	306	C16H34O3S	1000309-17-9	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP063023\
Data File : BP015844.D
Acq On : 30 Jun 2023 15:06
Operator : MA/JU
Sample : 03161-06
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCFW2

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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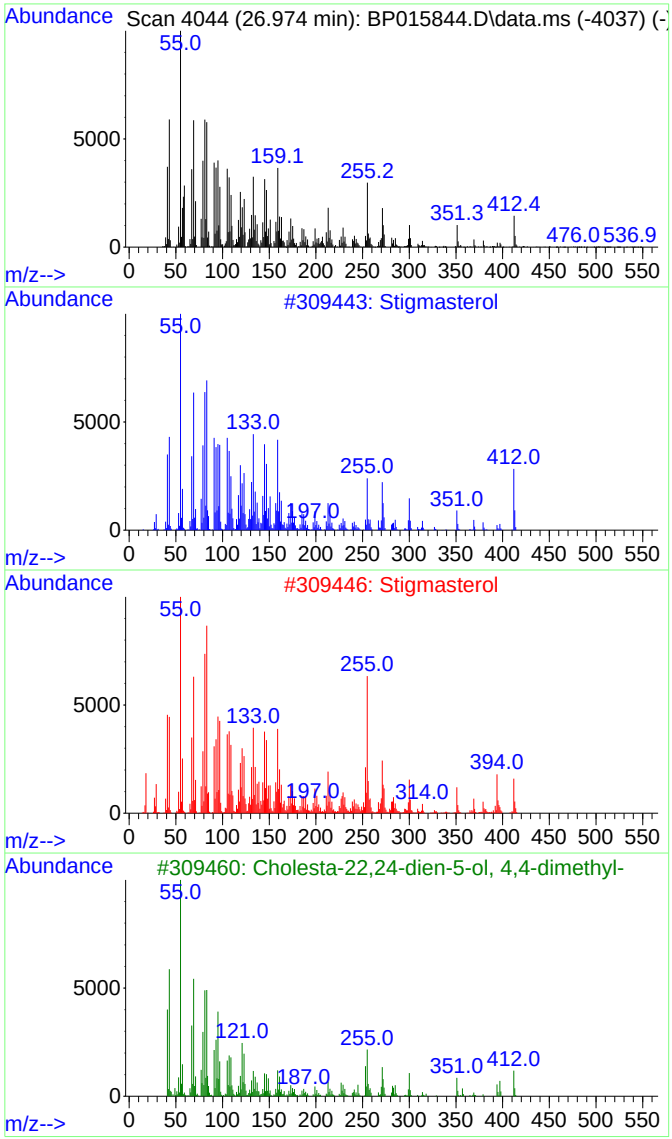
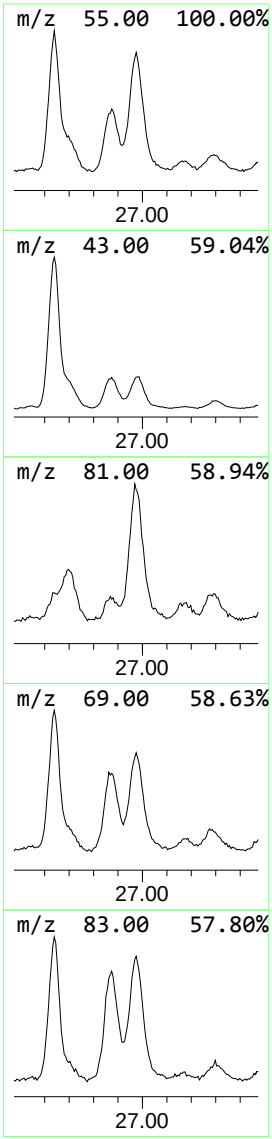
Peak Number 20 Stigmasterol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.974	37.04 ng/ul	5429990	Perylene-d12	24.098

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Stigmasterol	412	C29H48O	000083-48-7	99
2	Stigmasterol	412	C29H48O	000083-48-7	95
3	Cholesta-22,24-dien-5-ol, 4,4-di...	412	C29H48O	1000128-66-1	94
4	Stigmasterol	412	C29H48O	000083-48-7	81
5	Stigmasterol	412	C29H48O	000083-48-7	68





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP063023\
Data File : BP015844.D
Acq On : 30 Jun 2023 15:06
Operator : MA/JU
Sample : 03161-06
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCFW2

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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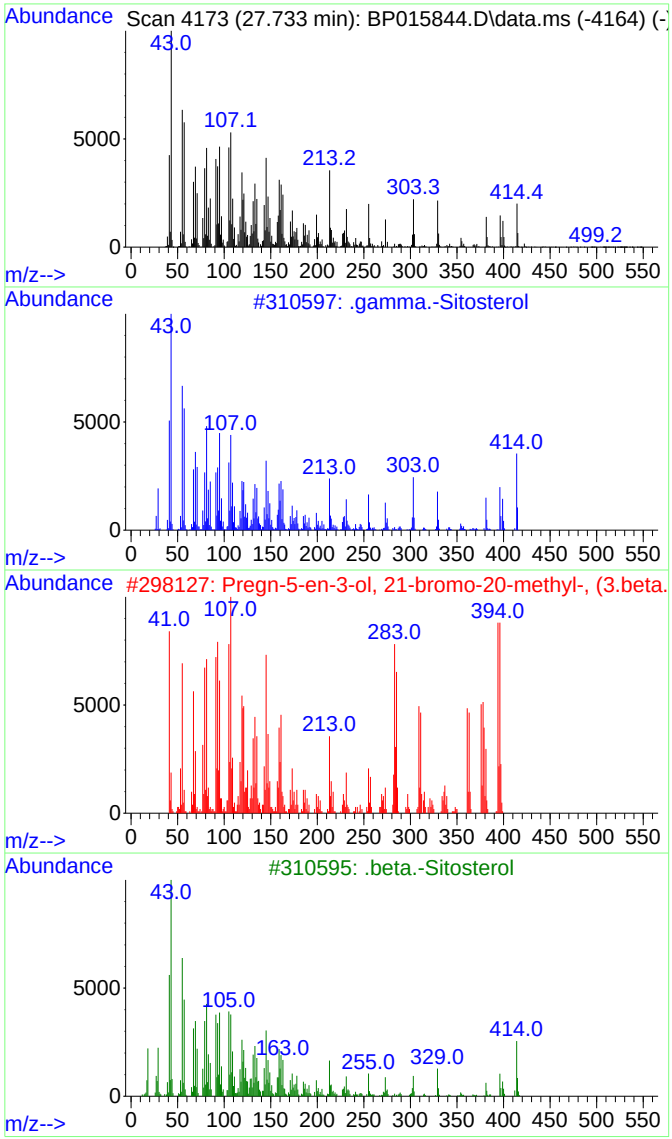
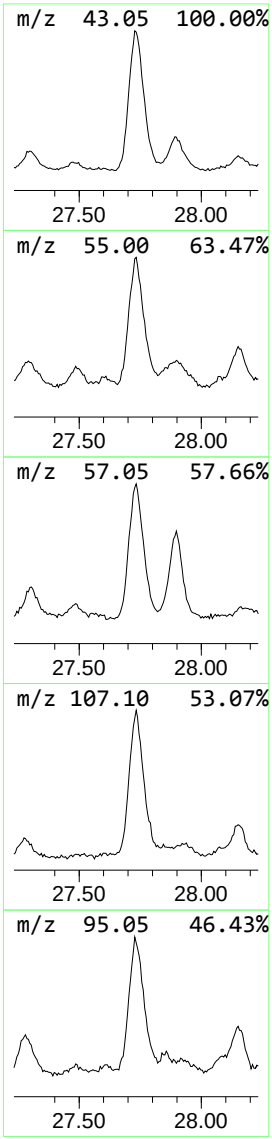
Peak Number 21 .gamma.-Sitosterol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.733	48.02 ng/ul	7039680	Perylene-d12	24.098

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.gamma.-Sitosterol	414	C29H50O	000083-47-6	99
2	Pregn-5-en-3-ol, 21-bromo-20-met...	394	C22H35BrO	055103-80-5	95
3	.beta.-Sitosterol	414	C29H50O	000083-46-5	95
4	.beta.-Sitosterol	414	C29H50O	000083-46-5	92
5	(3S,8S,9S,10R,13R,14S,17R)-17-((...	414	C29H50O	029365-29-5	55





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP063023\
Data File : BP015844.D
Acq On : 30 Jun 2023 15:06
Operator : MA/JU
Sample : 03161-06
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCFW2

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Benzophenone	16.069	5.4	ng/ul	829692	3	14.704	3072930	20.0
(E)-Hexadec-9-e...	18.269	15.1	ng/ul	2619590	4	17.463	3467470	20.0
n-Hexadecanoic ...	18.328	34.8	ng/ul	6025170	4	17.463	3467470	20.0
3-Dimethylamino...	18.892	3.0	ng/ul	516590	4	17.463	3467470	20.0
9,12-Octadecadi...	19.404	2.3	ng/ul	393412	4	17.463	3467470	20.0
Octadecanoic acid	19.545	5.5	ng/ul	1049250	5	21.557	3801970	20.0
(1H)Pyrrole, 3,...	19.927	19.6	ng/ul	3722190	5	21.557	3801970	20.0
Tricyclo[10.2.2...	20.269	3.7	ng/ul	707823	5	21.557	3801970	20.0
Eicosanoic acid	20.592	2.1	ng/ul	404391	5	21.557	3801970	20.0
(DEL) Alkane: C...	21.222	9.6	ng/ul	1816730	5	21.557	3801970	20.0
(DEL) Alkane: S...	22.133	5.0	ng/ul	958846	5	21.557	3801970	20.0
(DEL) Alkane: S...	22.174	5.5	ng/ul	1043400	5	21.557	3801970	20.0
Oxirane, hexade...	22.922	4.4	ng/ul	642310	6	24.098	2931930	20.0
(DEL) Alkane: S...	23.233	26.9	ng/ul	3951420	6	24.098	2931930	20.0
unknown-01	24.233	5.0	ng/ul	726909	6	24.098	2931930	20.0
Heptacosanal	24.280	11.2	ng/ul	1640890	6	24.098	2931930	20.0
(DEL) Alkane: S...	24.668	28.6	ng/ul	4190740	6	24.098	2931930	20.0
Nonacosanal	26.127	40.8	ng/ul	5987470	6	24.098	2931930	20.0
(DEL) Alkane: S...	26.639	46.2	ng/ul	6775870	6	24.098	2931930	20.0
Stigmasterol	26.974	37.0	ng/ul	5429990	6	24.098	2931930	20.0
.gamma.-Sitosterol	27.733	48.0	ng/ul	7039680	6	24.098	2931930	20.0