LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070323\
Data File : BP015964.D
Acq On : 03 Jul 2023 22:52
Operator : MA/JU
Sample : 03245-08
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : DCGG6

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: BP015964.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.370	27	31	45	rVB	113487	182532	1.38%	0.080%
2	4.034	138	144	150	rVB	135610	211034	1.59%	0.092%
3	4.375	198	202	210	rVB	78677	117404	0.89%	0.051%
4	6.681	587	594	604	rVB	2731117	4164546	31.40%	1.815%
5	6.993	642	647	651	rVV	181050	262577	1.98%	0.114%
6	7.222	678	686	698	rBV	1317038	3101316	23.38%	1.352%
7	7.369	705	711	719	rBV	1394270	2391583	18.03%	1.042%
8	7.452	719	725	738	rVB	1803819	2989803	22.54%	1.303%
9	7.575	738	746	761	rBV	1744539	3208547	24.19%	1.398%
10	8.040	818	825	839	rVV	1812942	3229397	24.35%	1.407%
11	8.246	854	860	865	rVV	58302	95261	0.72%	0.042%
12	8.299	865	869	875	rVB	60051	89254	0.67%	0.039%
13	8.781	944	951	965	rBV	1412328	3217666	24.26%	1.402%
14	8.893	965	970	980	rVB	316230	605413	4.56%	0.264%
15	9.228	1019	1027	1043	rBV	1702354	3303131	24.91%	1.440%
16	9.958	1144	1151	1174	rBV	1264527	2773794	20.91%	1.209%
17	10.163	1174	1186	1195	rBV5	193700	700017	5.28%	0.305%
18	10.481	1231	1240	1242	rBV2	76250	160126	1.21%	0.070%
19	10.528	1242	1248	1267	rVB	1308613	3521520	26.55%	1.535%
20	10.716	1275	1280	1288	rVB2	108193	207804	1.57%	0.091%
21	10.869	1299	1306	1313	rVV	2664342	4838105	36.48%	2.109%
22	10.922	1313	1315	1321	rVV3	105103	175064	1.32%	0.076%
23	10.999	1321	1328	1332	rVV	198228	477664	3.60%	0.208%
24	11.052	1332	1337	1355	rVV	395534	1273131	9.60%	0.555%
25	11.187	1355	1360	1372	rVB3	82252	182032	1.37%	0.079%
26	12.910	1644	1653	1658	rBV2	107844	202784	1.53%	0.088%
27	13.057	1667	1678	1691	rVB6	40881	138045	1.04%	0.060%
28	13.487	1746	1751	1756	rVV2	69157	122599	0.92%	0.053%
29	13.563	1757	1764	1775	rVB4	121834	280556	2.12%	0.122%
30	13.993	1832	1837	1843	rVV5	78958	147964	1.12%	0.064%
31	14.104	1849	1856	1869	rVB	3740376	5796402	43.70%	2.526%
32	14.387	1897	1904	1917	rVB2	4539067	7060238	53.23%	3.077%
33	14.510	1920	1925	1928	rVV	78684	114785	0.87%	0.050%
34	14.551	1928	1932	1939	rVB3	70216	115768	0.87%	0.050%
35	14.628	1939	1945	1949	rBV3	91865	138720	1.05%	0.060%
36	14.693	1949	1956	1976	rVB	4210312	6430278	48.48%	2.802%

LSC Area Percent Report

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Operator : MA/JU
Sample : 03245-08
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCGG6

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	14.916	1989	1994	1998	rBV2	130223	182870	1.38%	0.080%
38	14.981	1998	2005	2022	rBV2	528718	1797222	13.55%	0.783%
39	15.104	2022	2026	2040	rVB8	110881	355317	2.68%	0.155%
40	15.510	2091	2095	2101	rVV3	78004	108225	0.82%	0.047%
41	15.692	2118	2126	2142	rBV	5151593	8519098	64.23%	3.713%
42	15.857	2149	2154	2176	rBV	793403	1884065	14.21%	0.821%
43	16.057	2182	2188	2196	rBV	1517926	2370504	17.87%	1.033%
44	16.245	2216	2220	2224	rBV2	92841	119170	0.90%	0.052%
45	16.387	2238	2244	2249	rBV2	101761	228734	1.72%	0.100%
46	16.440	2249	2253	2259	rVB2	51825	89228	0.67%	0.039%
47	16.540	2266	2270	2277	rBV5	129890	228963	1.73%	0.100%
48	16.616	2278	2283	2292	rVB	292694	513738	3.87%	0.224%
49	16.834	2317	2320	2325	rVB2	82884	106559	0.80%	0.046%
50	17.169	2373	2377	2380	rBV2	79067	102654	0.77%	0.045%
51	17.328	2400	2404	2411	rVB	241604	348963	2.63%	0.152%
52	17.392	2411	2415	2420	rBV2	177323	251419	1.90%	0.110%
53	17.451	2420	2425	2430	rBV	4556741	6827712	51.48%	2.976%
54	17.498	2430	2433	2438	rVB2	303034	466141	3.51%	0.203%
55	17.557	2438	2443	2452	rBV2	4509910	7120517	53.69%	3.103%
56	17.904	2499	2502	2506	rVB2	73293	86731	0.65%	0.038%
57	18.086	2530	2533	2537	rVB2	122975	161824	1.22%	0.071%
58	18.198	2547	2552	2557	rBV2	340738	525815	3.96%	0.229%
59	18.257	2557	2562	2567	rVV	3429926	4621611	34.85%	2.014%
60	18.322	2567	2573	2593	rVB	8529459	13262646	100.00%	5.780%
61	18.510	2601	2605	2610	rVB2	243850	330915	2.50%	0.144%
62	18.575	2612	2616	2618	rBV2	175015	240434	1.81%	0.105%
63	18.881	2664	2668	2671	rVV	486732	627884	4.73%	0.274%
64	18.910	2671	2673	2677	rVV	291680	301585	2.27%	0.131%
65	18.951	2677	2680	2686	rVV6	88922	168084	1.27%	0.073%
66	19.004	2687	2689	2694	rVB3	75710	96310	0.73%	0.042%
67	19.145	2710	2713	2716	rBV	80524	112506	0.85%	0.049%
68	19.181	2716	2719	2722	rBV	151786	209710	1.58%	0.091%
69	19.298	2735	2739	2743	rBV	318956	521494	3.93%	0.227%
70	19.398	2752	2756	2757	rBV	664376	726614	5.48%	0.317%
71	19.422	2757	2760	2762	rVV2	1173347	1563708	11.79%	0.682%
72	19.445	2762	2764	2775	rVB2	1389010	2274807	17.15%	0.991%
73	19.533	2775	2779	2790	rBV	1859187	2466413	18.60%	1.075%
74	19.739	2811	2814	2816	rBV	131023	142852	1.08%	0.062%
75	19.781	2816	2821	2832	rVB	5601708	8635239	65.11%	3.763%
76	19.916	2840	2844	2849	rBV	1326932	1535228	11.58%	0.669%

LSC Area Percent Report

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Operator : MA/JU
Sample : 03245-08
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCGG6

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

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Peak separation: 5

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

77	19.986	2853	2856	2860	rVB3	285674	334018	2.52%	0.146%
78	20.257	2897	2902	2907	rBV3	769095	1153879	8.70%	0.503%
79	20.580	2953	2957	2962	rBV2	486961	694803	5.24%	0.303%
80	20.728	2978	2982	2989	rBV2	3423653	4820564	36.35%	2.101%
81	21.086	3039	3043	3049	rBV5	519100	861783	6.50%	0.376%
82	21.198	3058	3062	3064	rBV2	1353975	1963530	14.80%	0.856%
83	21.222	3064	3066	3073	rVB	1803599	2216587	16.71%	0.966%
84	21.404	3094	3097	3100	rVB	422015	467906	3.53%	0.204%
85	21.504	3112	3114	3116	rBV2	303397	349648	2.64%	0.152%
86	21.545	3116	3121	3127	rVV	3366735	4797098	36.17%	2.091%
87	22.116	3214	3218	3222	rVB	946223	1167929	8.81%	0.509%
88	22.175	3224	3228	3239	rVB	745282	1209829	9.12%	0.527%
89	22.627	3302	3305	3313	rVB2	607870	1012115	7.63%	0.441%
90	23.216	3399	3405	3413	rVB	4461633	7261624	54.75%	3.165%
91	23.316	3418	3422	3438	rVB3	707886	1844789	13.91%	0.804%
92	23.921	3519	3525	3539	rVB2	2874545	6346797	47.85%	2.766%
93	24.086	3547	3553	3569	rVB	2358259	5591765	42.16%	2.437%
94	24.251	3578	3581	3590	rVB	996268	1790460	13.50%	0.780%
95	24.539	3622	3630	3638	rVB	5545055	12251209	92.37%	5.339%
96	24.645	3641	3648	3660	rVB	4629314	10303890	77.69%	4.491%
97	26.092	3886	3894	3906	rVB	2805712	7725431	58.25%	3.367%
98	26.598	3971	3980	3989	rBV	3636778	10995461	82.91%	4.792%
99	26.957	4035	4041	4065	rVB3	1397573	5401268	40.73%	2.354%
100	27.721	4163	4171	4186	rVB4	1636684	6628045	49.98%	2.889%

Sum of corrected areas: 229450797

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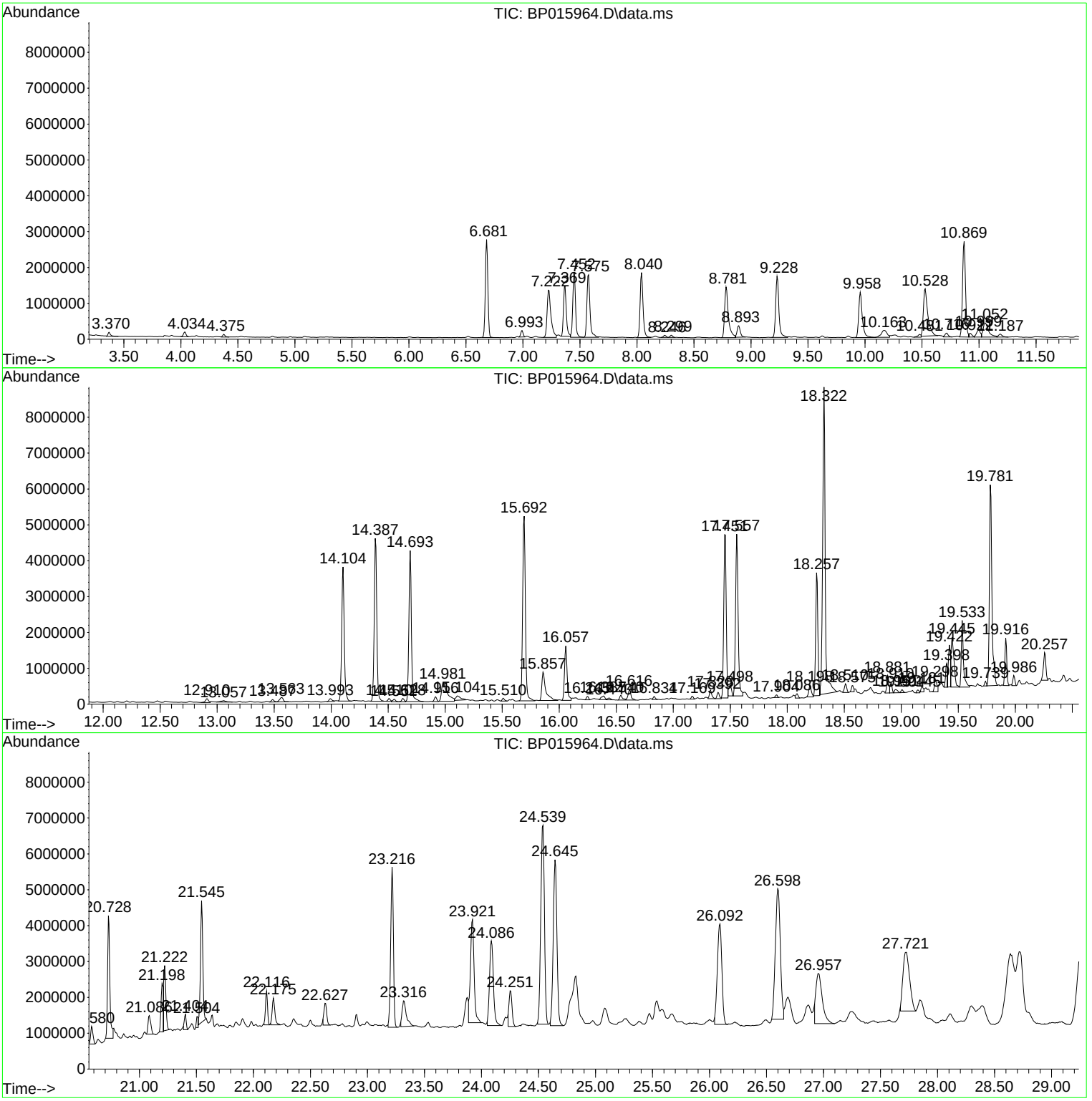
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCGG6

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\BP070323\
Data File : BP015964.D
Acq On : 03 Jul 2023 22:52
Operator : MA/JU
Sample : 03245-08
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ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCGG6

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

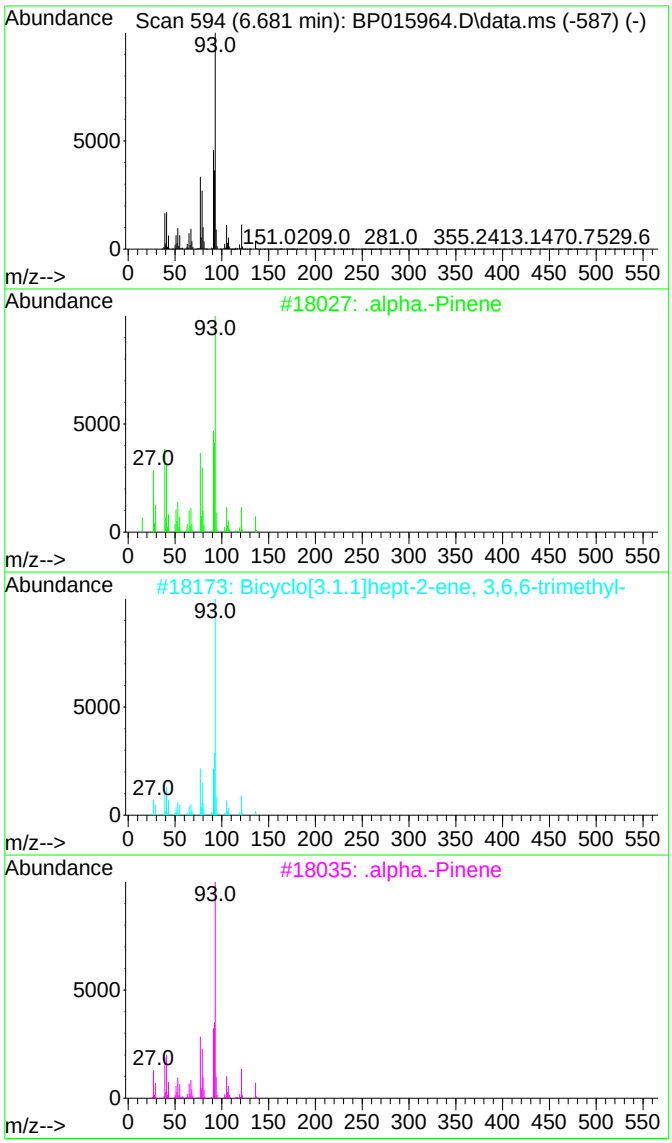
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

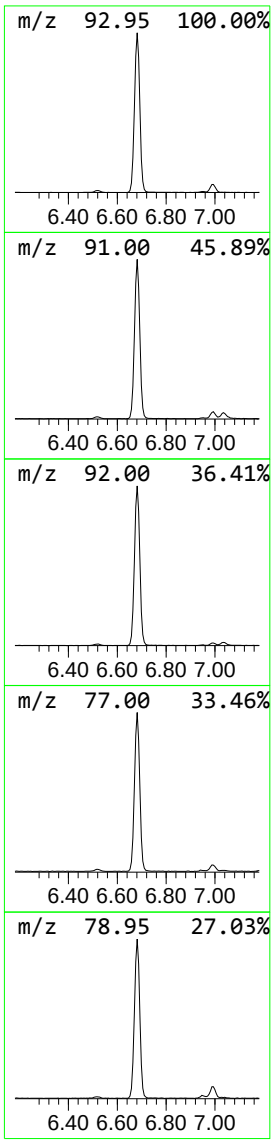
****

Peak Number 1 .alpha.-Pinene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.681	25.79 ng/ul	4164550	1,4-Dichlorobenzene-d4	8.040

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.alpha.-Pinene	136	C10H16	000080-56-8	95
2	Bicyclo[3.1.1]hept-2-ene, 3,6,6-...	136	C10H16	004889-83-2	94
3	.alpha.-Pinene	136	C10H16	000080-56-8	94
4	(+)-3-Carene	136	C10H16	000498-15-7	91
5	3-Carene	136	C10H16	013466-78-9	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070323\
Data File : BP015964.D
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ALS Vial : 20 Sample Multiplier: 1

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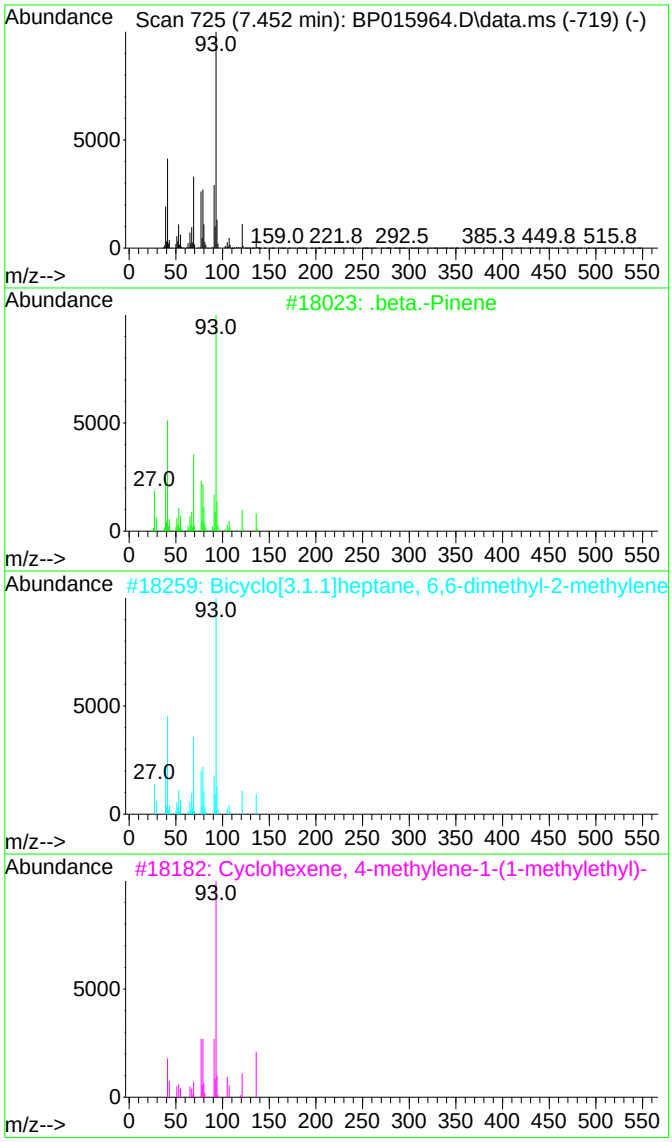
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

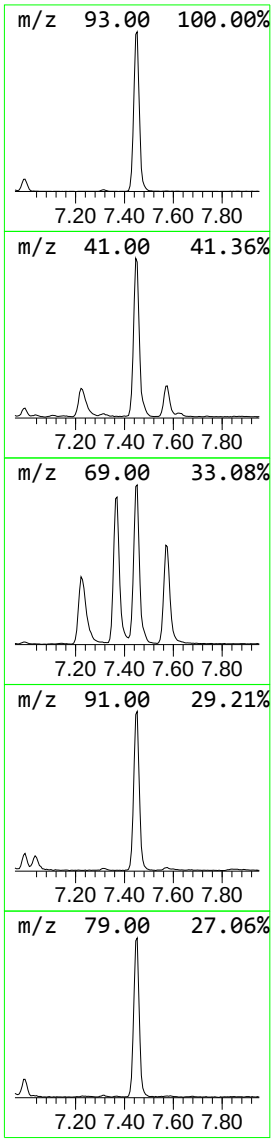
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 .beta.-Pinene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.452	18.52 ng/ul	2989800	1,4-Dichlorobenzene-d4	8.040

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.beta.-Pinene	136	C10H16	000127-91-3	91
2	Bicyclo[3.1.1]heptane, 6,6-dimet...	136	C10H16	018172-67-3	91
3	Cyclohexene, 4-methylene-1-(1-me...	136	C10H16	000099-84-3	91
4	.beta.-Pinene	136	C10H16	000127-91-3	91
5	.beta.-Pinene	136	C10H16	000127-91-3	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070323\
Data File : BP015964.D
Acq On : 03 Jul 2023 22:52
Operator : MA/JU
Sample : 03245-08
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCGG6

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

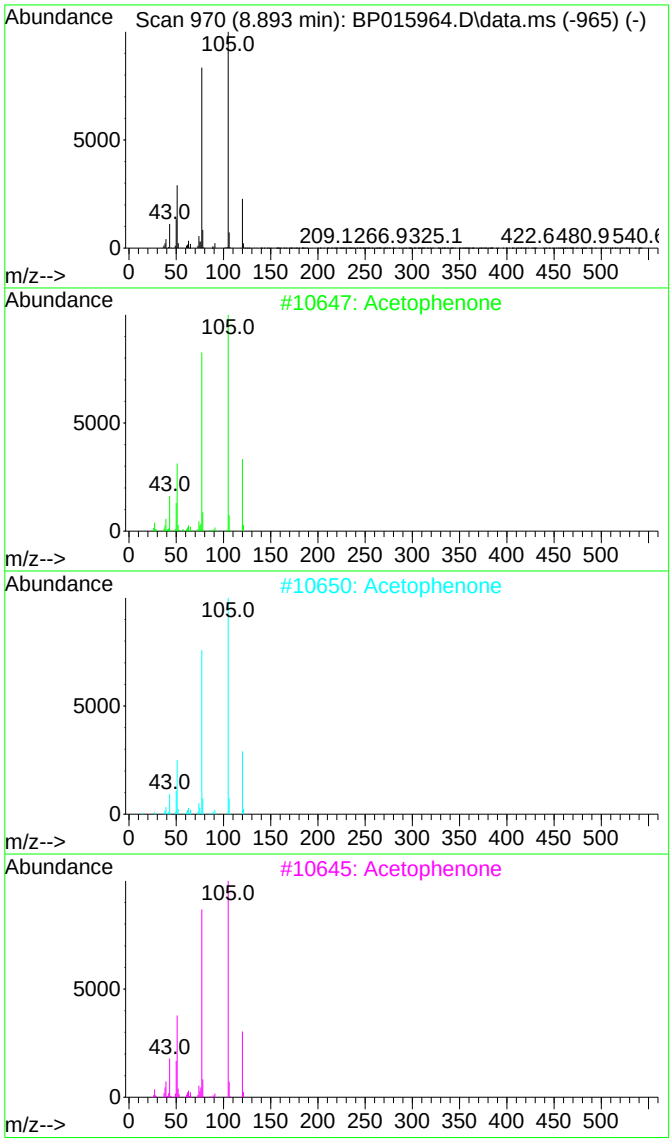
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

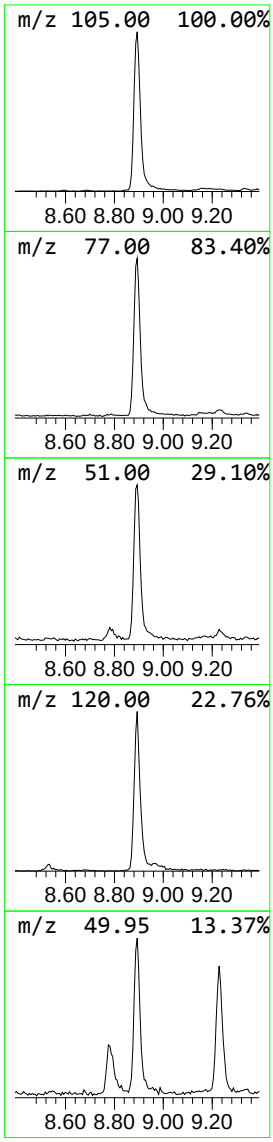
****

Peak Number 3 Aceto phenone Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.893	3.75 ng/ul	605413	1,4-Dichlorobenzene-d4	8.040

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetophenone	120	C8H8O	000098-86-2	95
2	Acetophenone	120	C8H8O	000098-86-2	95
3	Acetophenone	120	C8H8O	000098-86-2	94
4	Acetophenone	120	C8H8O	000098-86-2	91
5	Acetophenone	120	C8H8O	000098-86-2	91





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Acq On : 03 Jul 2023 22:52
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Sample : 03245-08
Misc :
ALS Vial : 20 Sample Multiplier: 1

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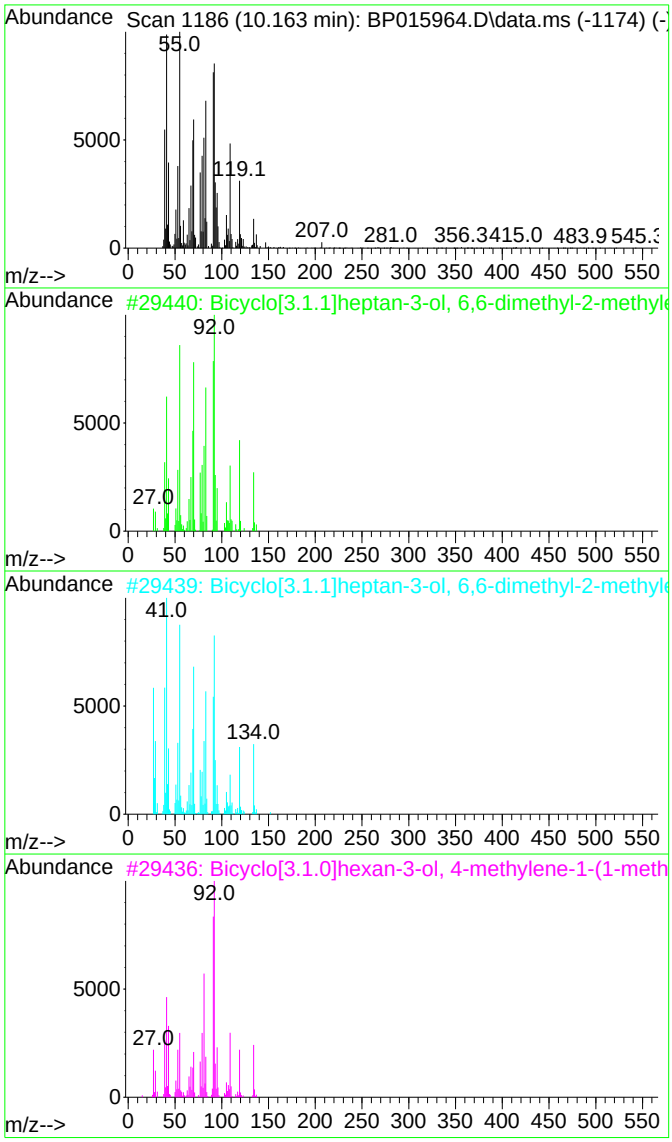
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

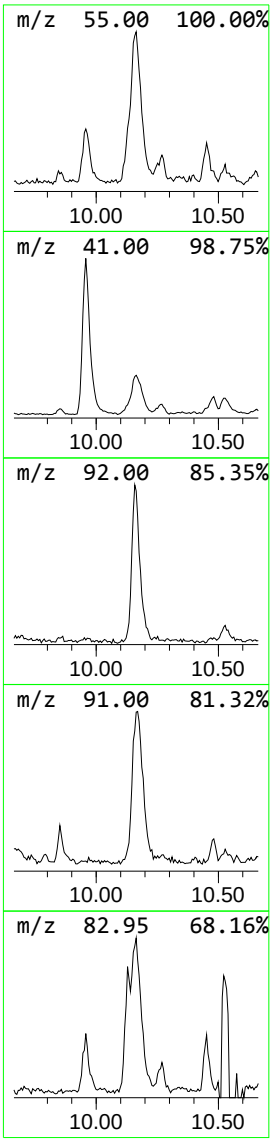
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Bicyclo[3.1.1]heptan-3-ol, ... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.163	2.89 ng/ul	700017	Naphthalene-d8	10.869

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[3.1.1]heptan-3-ol, 6,6-d...	152	C10H16O	000547-61-5	59
2	Bicyclo[3.1.1]heptan-3-ol, 6,6-d...	152	C10H16O	000547-61-5	50
3	Bicyclo[3.1.0]hexan-3-ol, 4-meth...	152	C10H16O	003310-02-9	47
4	Bicyclo[3.1.0]hexan-3-ol, 4-meth...	152	C10H16O	000471-16-9	45
5	Bicyclo[3.1.0]hexan-3-ol, 4-meth...	152	C10H16O	000471-16-9	43





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Data File : BP015964.D
Acq On : 03 Jul 2023 22:52
Operator : MA/JU
Sample : 03245-08
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCGG6

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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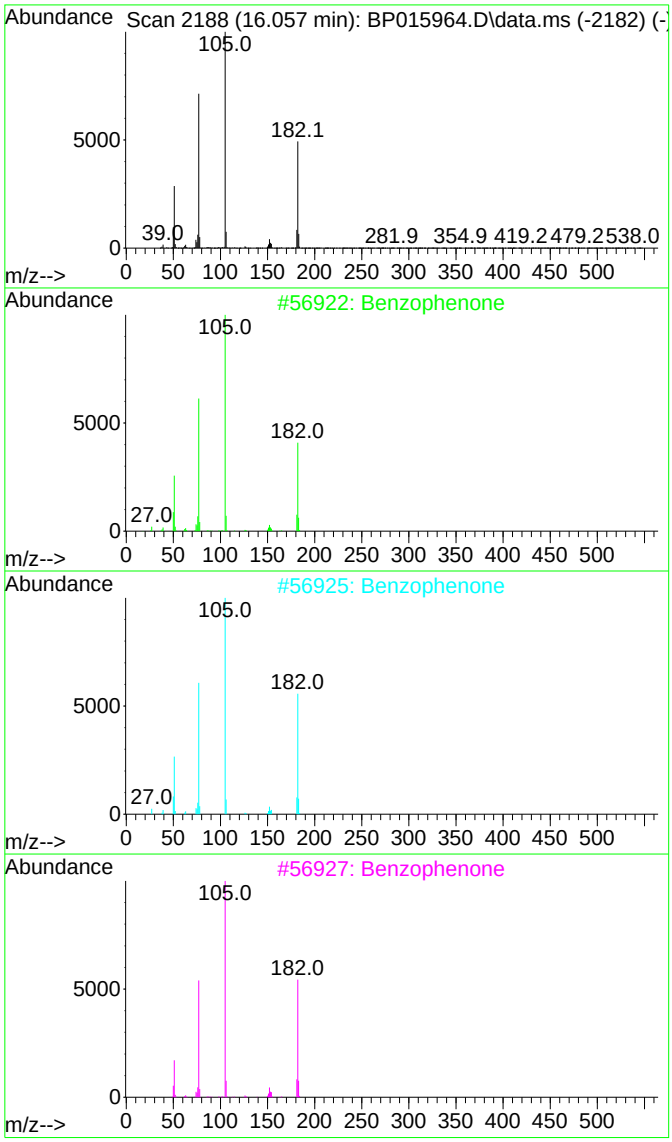
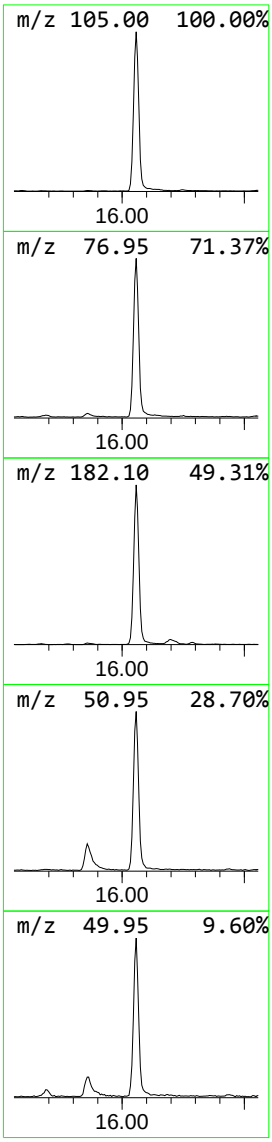
Peak Number 5 Benzophenone Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.057	7.37 ng/ul	2370500	Acenaphthene-d10	14.693

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	Benzophenone	182	C13H10O	000119-61-9	91





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Acq On : 03 Jul 2023 22:52
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Sample : 03245-08
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCGG6

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Quant Title : SVOA CALIBRATION

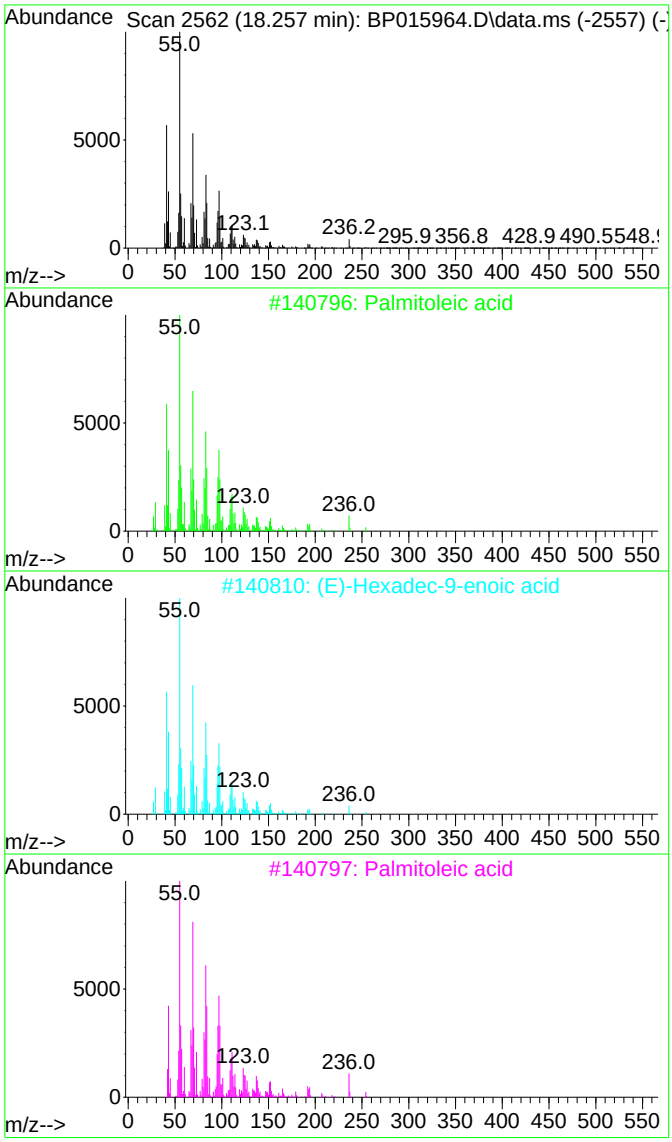
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

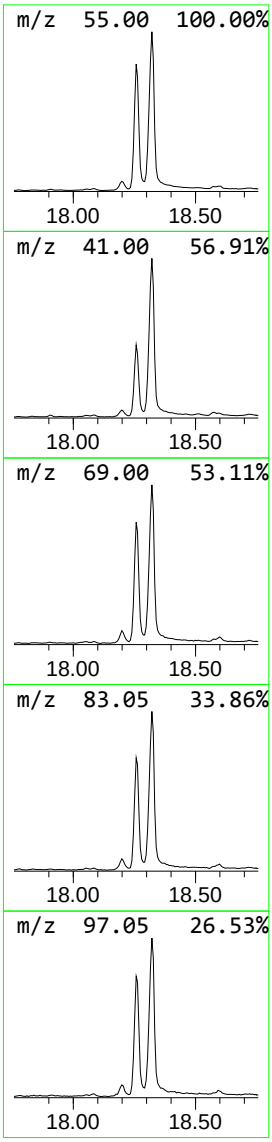
****

Peak Number 6 Palmitoleic acid Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.257	13.54 ng/ul	4621610	Phenanthrene-d10	17.457

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Palmitoleic acid	254	C16H30O2	000373-49-9	94
2	(E)-Hexadec-9-enoic acid	254	C16H30O2	010030-73-6	91
3	Palmitoleic acid	254	C16H30O2	000373-49-9	90
4	Oxacycloheptadecan-2-one	254	C16H30O2	000109-29-5	90
5	13-Borabicyclo[7.3.0]tridecane, ...	236	C15H29BO	1000156-41-7	89





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Sample : 03245-08
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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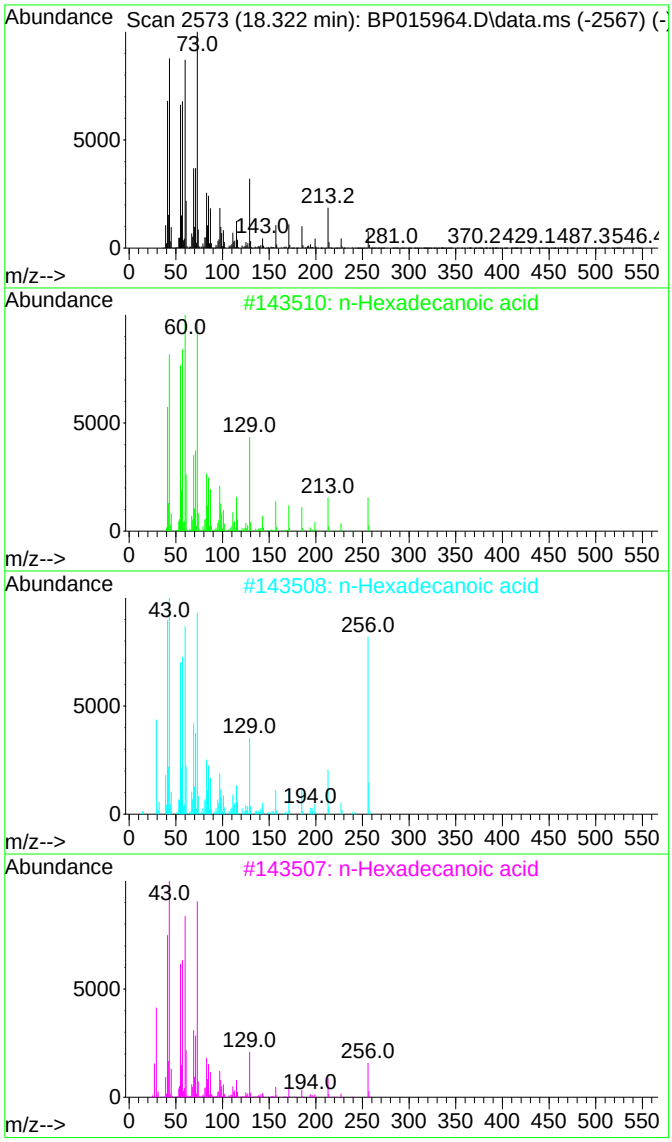
Quant Title : SVOA CALIBRATION

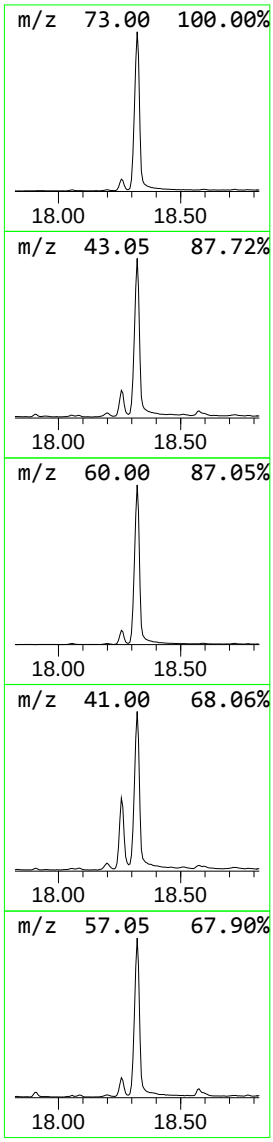
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.322	38.85 ng/ul	13262600	Phenanthrene-d10	17.457

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	97
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95





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Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
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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

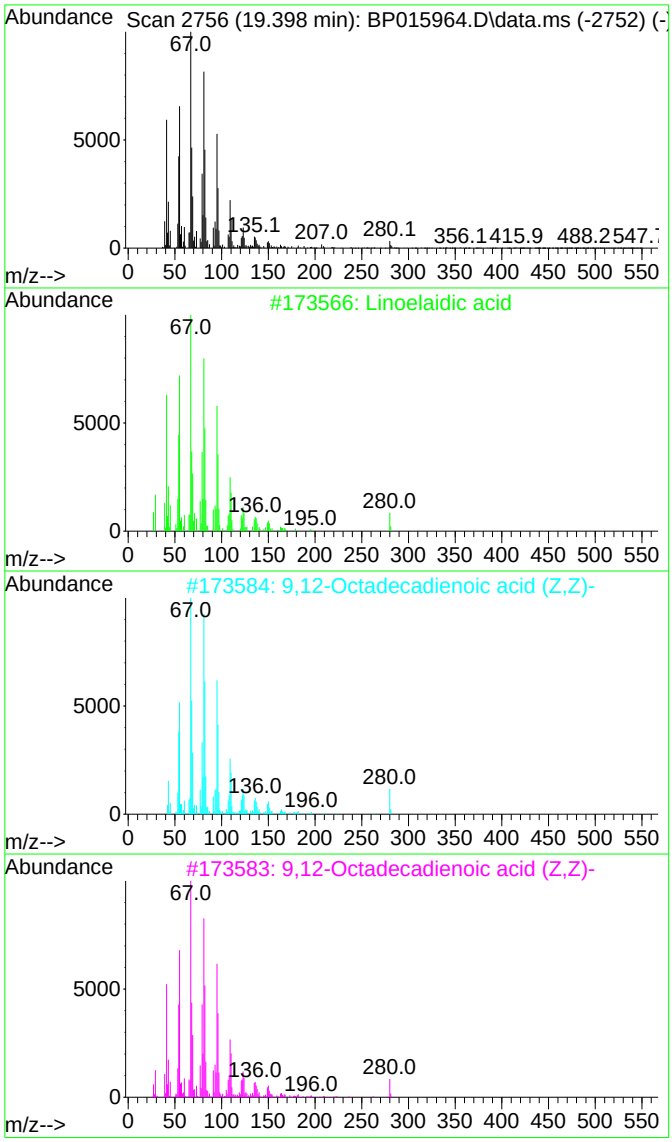
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

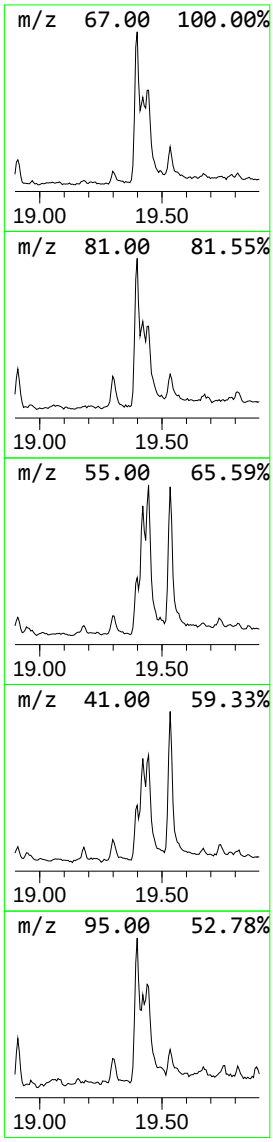
****

Peak Number 8 Linoelaidic acid Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.398	2.13 ng/ul	726614	Phenanthrene-d10	17.457

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





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Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCGG6

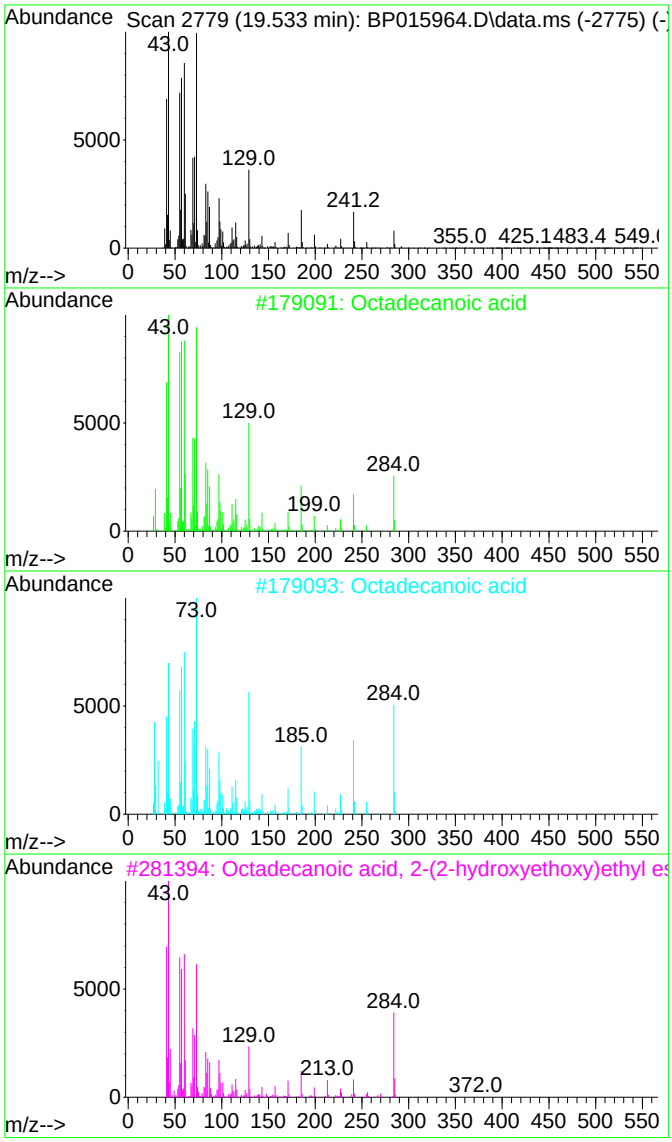
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

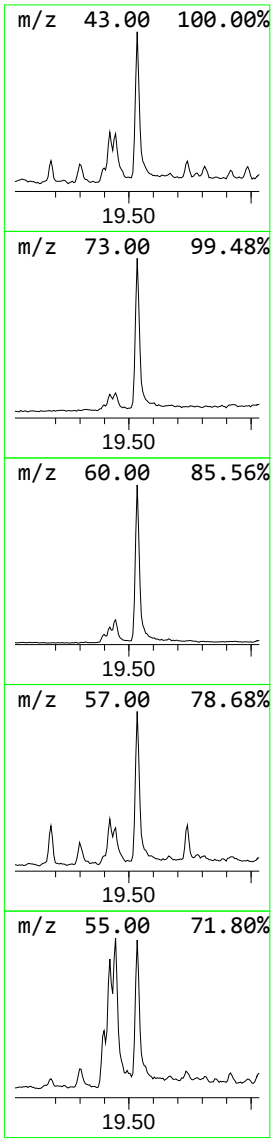
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Octadecanoic acid Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.534	10.28 ng/ul	2466410	Chrysene-d12	21.545

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, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	96
4	Octadecanoic acid	284	C18H36O2	000057-11-4	95
5	Octadecanoic acid	284	C18H36O2	000057-11-4	94





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Sample : 03245-08
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCGG6

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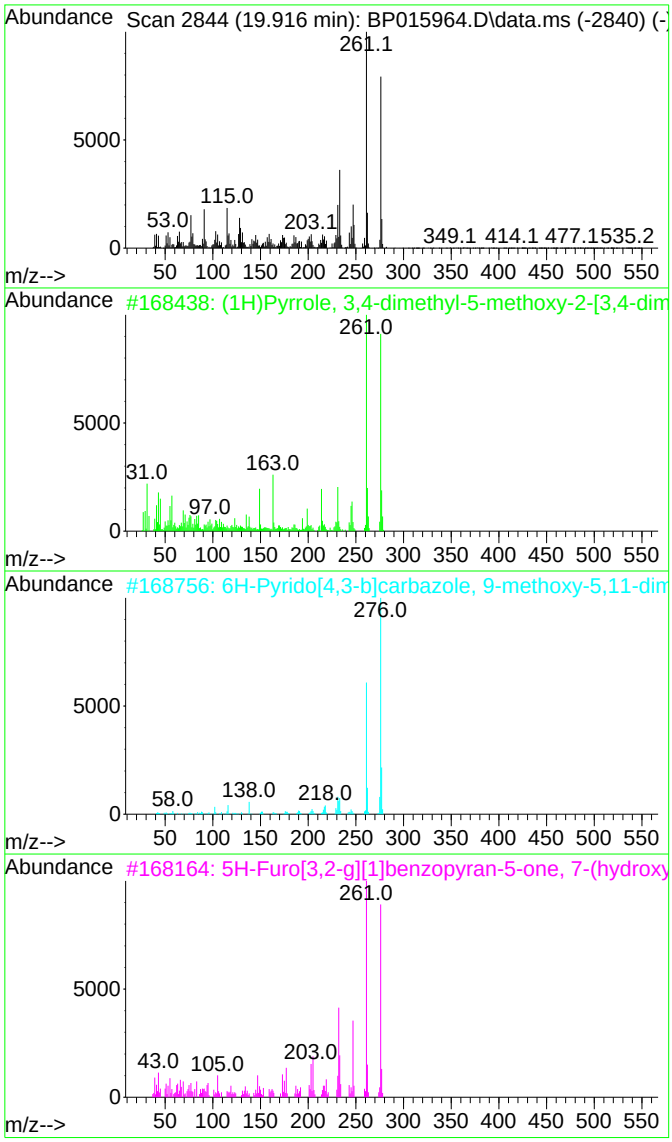
Quant Title : SVOA CALIBRATION

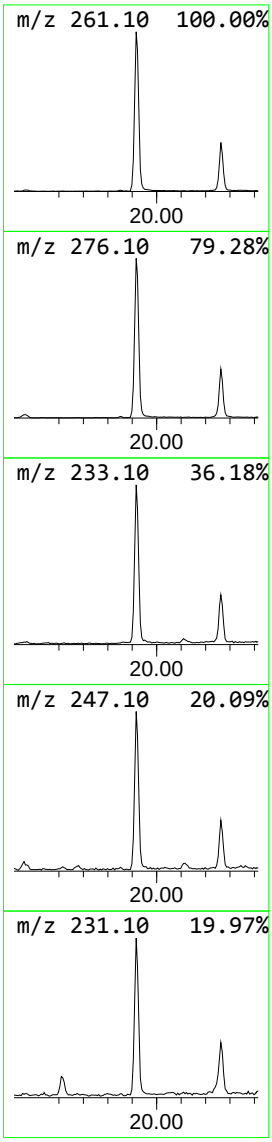
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 (1H)Pyrrole, 3,4-dimethyl-5... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.916	6.40 ng/ul	1535230	Chrysene-d12	21.545

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(1H)Pyrrole, 3,4-dimethyl-5-meth...	276	C15H20N2OS	1000197-22-6	90
2	6H-Pyrido[4,3-b]carbazole, 9-met...	276	C18H16N2O	010371-86-5	72
3	5H-Furo[3,2-g][1]benzopyran-5-on...	276	C14H12O6	000668-10-0	72
4	3,5-di-tert-Butyl-4-hydroxycinna...	276	C17H24O3	022014-01-3	70
5	5-[4-(Diethylamino)phenyl]-4-eth...	276	C14H20N4S	1000476-62-2	59





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ALS Vial : 20 Sample Multiplier: 1

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ClientSampleId :
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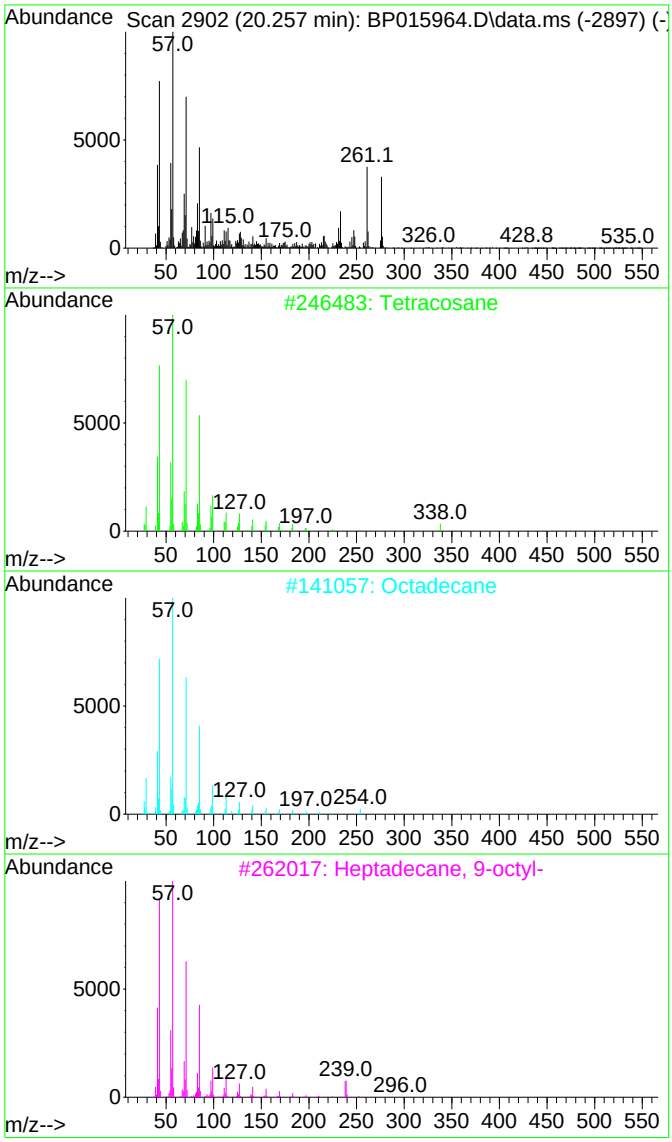
Quant Title : SVOA CALIBRATION

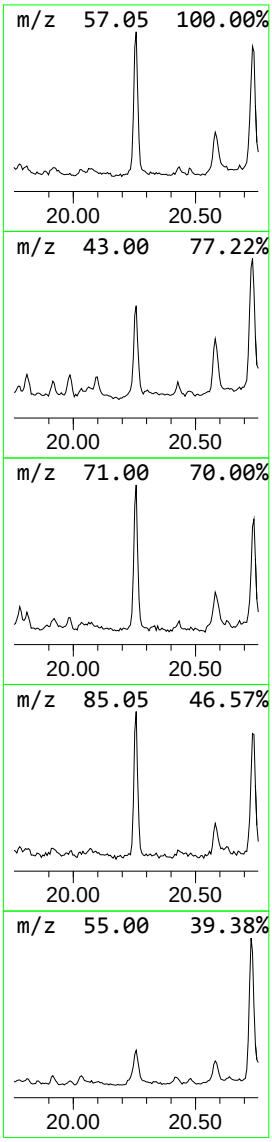
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.257	4.81 ng/ul	1153880	Chrysene-d12	21.545

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	89
2	Octadecane	254	C18H38	000593-45-3	89
3	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	64
4	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	64
5	Pentadecane	212	C15H32	000629-62-9	50





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Operator : MA/JU
Sample : 03245-08
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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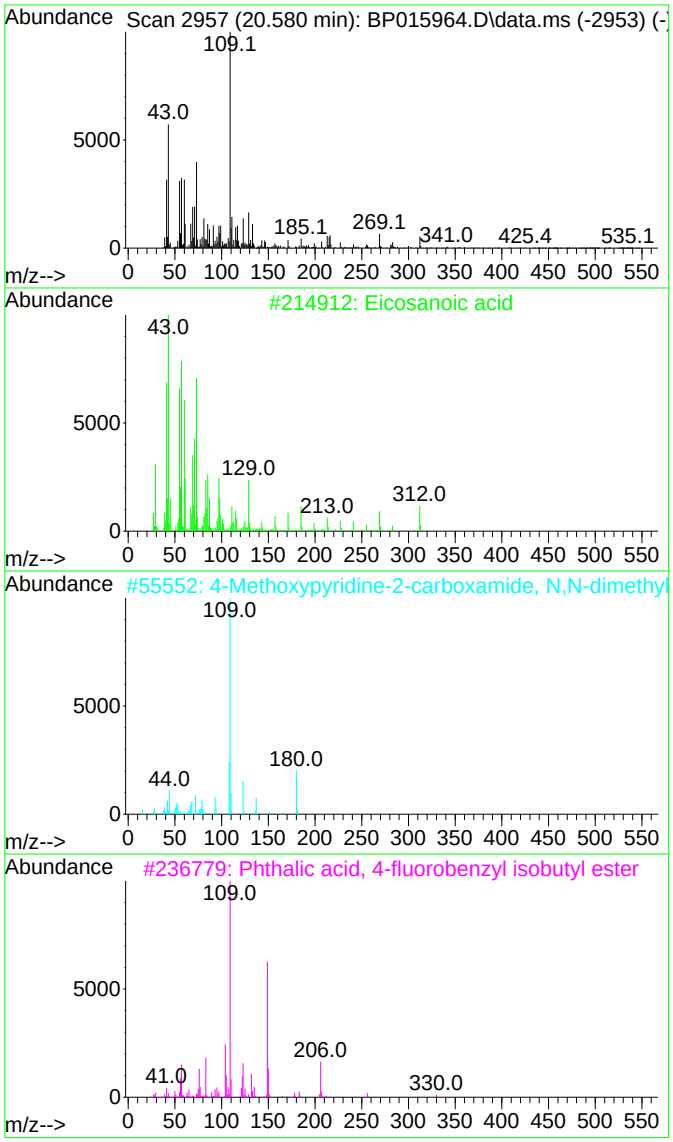
Quant Title : SVOA CALIBRATION

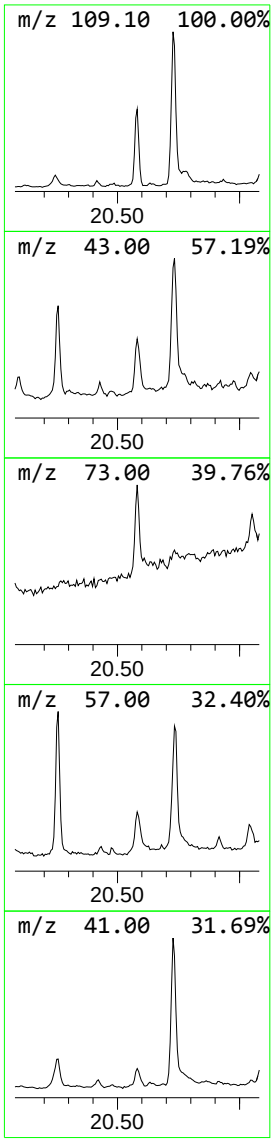
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Eicosanoic acid Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.581	2.90 ng/ul	694803	Chrysene-d12	21.545

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosanoic acid	312	C20H40O2	000506-30-9	53
2	4-Methoxypyridine-2-carboxamide,...	180	C9H12N2O2	1872090-67-9	46
3	Phthalic acid, 4-fluorobenzyl is...	330	C19H19FO4	1000377-74-2	43
4	2-Cyclopentene-1-carboxylic acid...	154	C9H14O2	006894-69-5	43
5	2,5-Dimethylhex-5-en-3-yn-2-ol	124	C8H12O	1000302-74-9	43





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Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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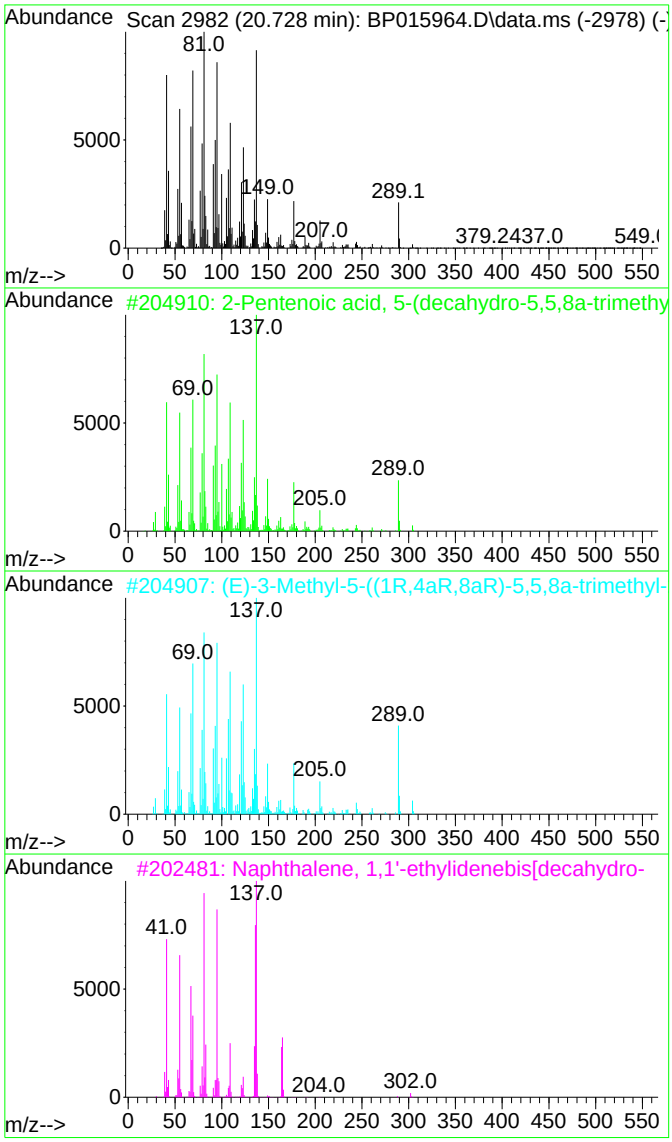
Quant Title : SVOA CALIBRATION

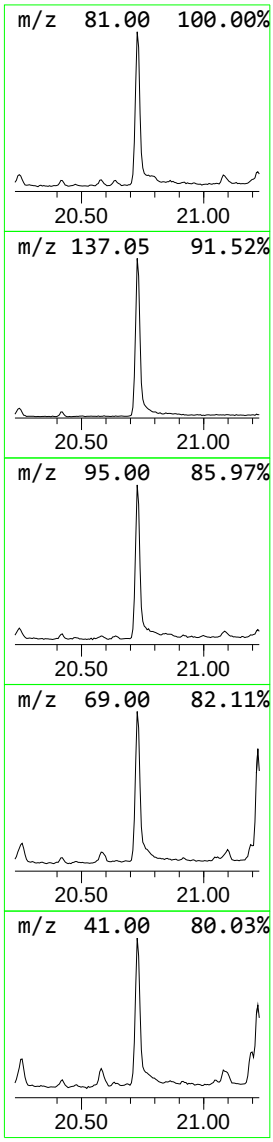
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 2-Pentenoic acid, 5-(decahy... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.727	20.10 ng/ul	4820560	Chrysene-d12	21.545

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentenoic acid, 5-(decahydro-5...	304	C20H32O2	024470-48-2	96
2	(E)-3-Methyl-5-((1R,4aR,8aR)-5,5...	304	C20H32O2	020257-75-4	81
3	Naphthalene, 1,1'-ethylidenebis[...	302	C22H38	054934-70-2	60
4	Naphthalene, 1,1'-(1,2-ethanediy...	302	C22H38	054934-69-9	49
5	2,5-Octadiene, 3,4,5,6-tetramethyl-	166	C12H22	247797-85-9	42





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ClientSampleId :
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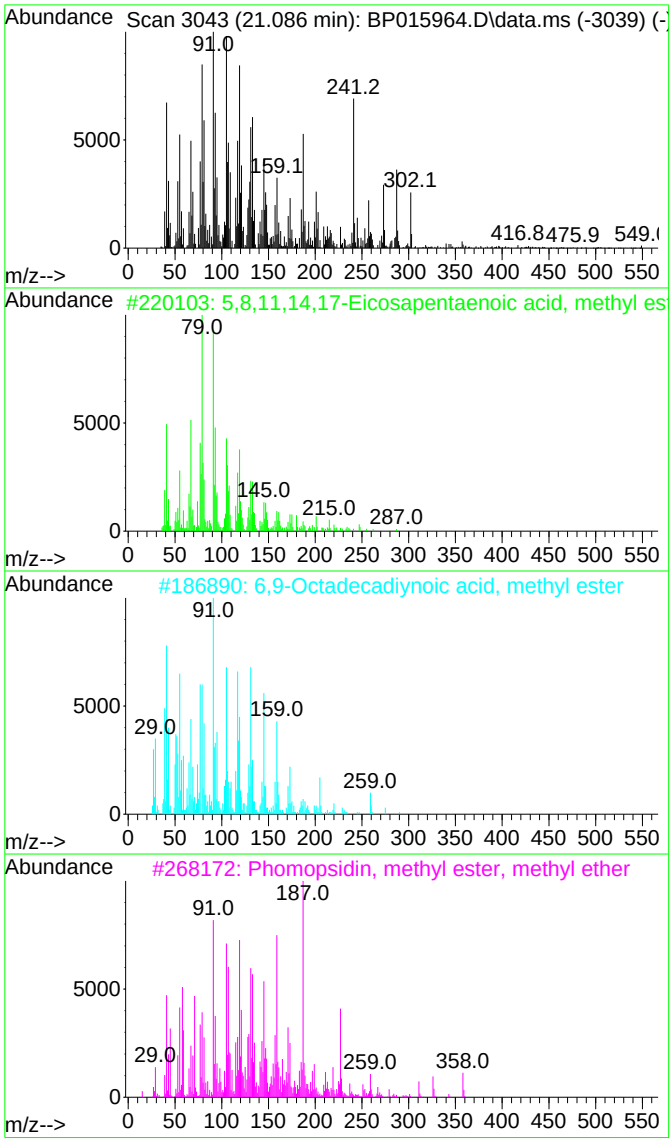
Quant Title : SVOA CALIBRATION

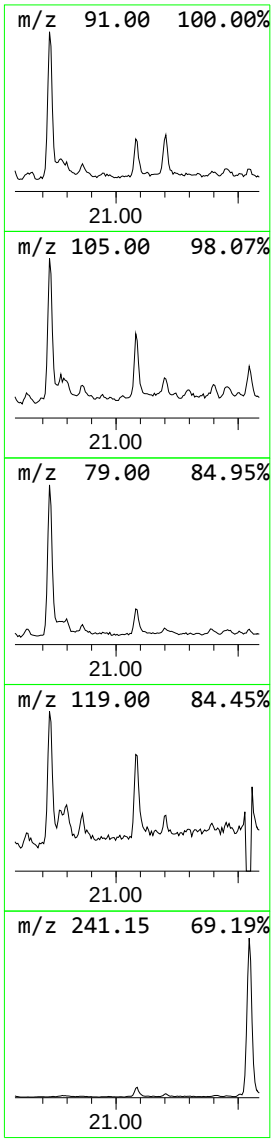
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 5,8,11,14,17-Eicosapentaeno... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.086	3.59 ng/ul	861783	Chrysene-d12	21.545

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,8,11,14,17-Eicosapentaenoic ac...	316	C21H32O2	002734-47-6	53
2	6,9-Octadecadiynoic acid, methyl...	290	C19H30O2	056847-03-1	51
3	Phomopsidin, methyl ester, methy...	358	C23H34O3	1000503-33-8	43
4	4-(4,5-Dimethylimidazol-1-yl)ani...	187	C11H13N3	1429649-60-4	38
5	(3R,4aS,8aS)-8a-Methyl-5-methyle...	202	C15H22	212394-95-1	38





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ALS Vial : 20 Sample Multiplier: 1

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ClientSampleId :
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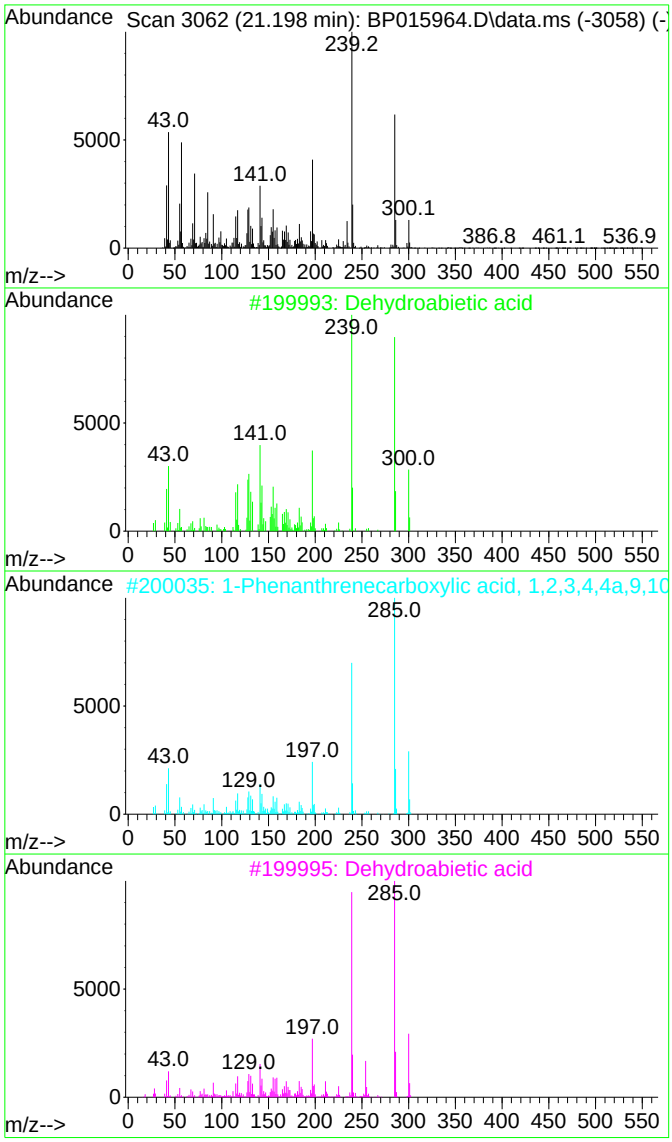
Quant Title : SVOA CALIBRATION

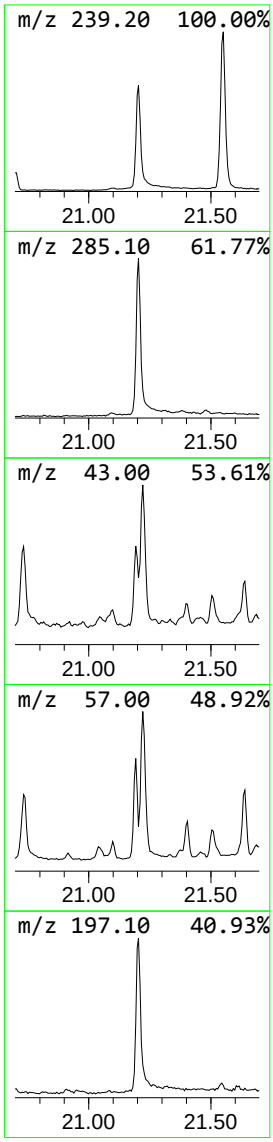
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Dehydroabietic acid Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.198	8.19 ng/ul	1963530	Chrysene-d12	21.545

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dehydroabietic acid	300	C20H28O2	001740-19-8	99
2	1-Phenanthrenecarboxylic acid, 1...	300	C20H28O2	005155-70-4	93
3	Dehydroabietic acid	300	C20H28O2	001740-19-8	91
4	Dehydroabietic acid	300	C20H28O2	001740-19-8	87
5	trans-1,2-Bis(methyldichlorosily...	252	C4H8Cl4Si2	065899-10-7	83





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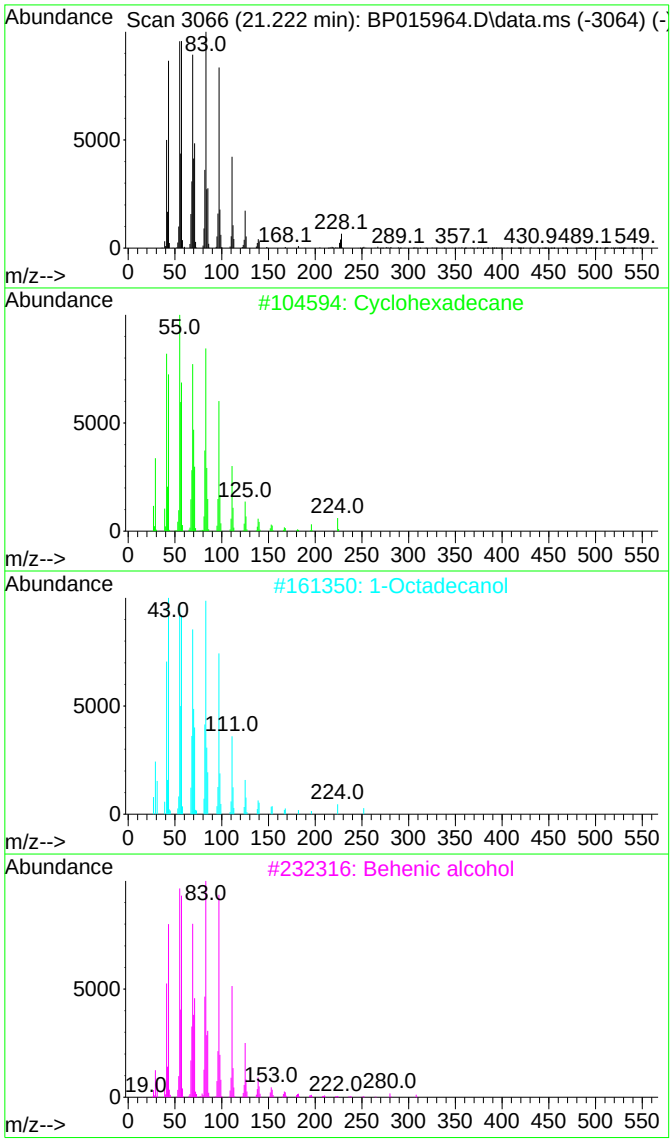
Quant Title : SVOA CALIBRATION

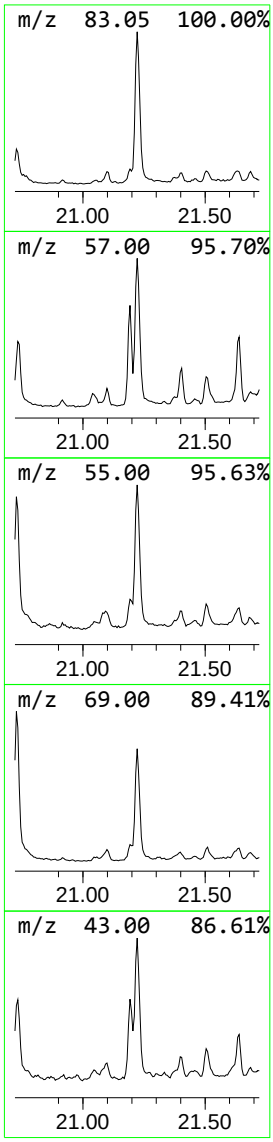
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 (DEL) Alkane: Cyclic21.222 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.222	9.24 ng/ul	2216590	Chrysene-d12	21.545

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	96
2	1-Octadecanol	270	C18H38O	000112-92-5	94
3	Behenic alcohol	326	C22H46O	000661-19-8	94
4	1-Heneicosanol	312	C21H44O	015594-90-8	94
5	Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	91





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Data File : BP015964.D
Acq On : 03 Jul 2023 22:52
Operator : MA/JU
Sample : 03245-08
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCGG6

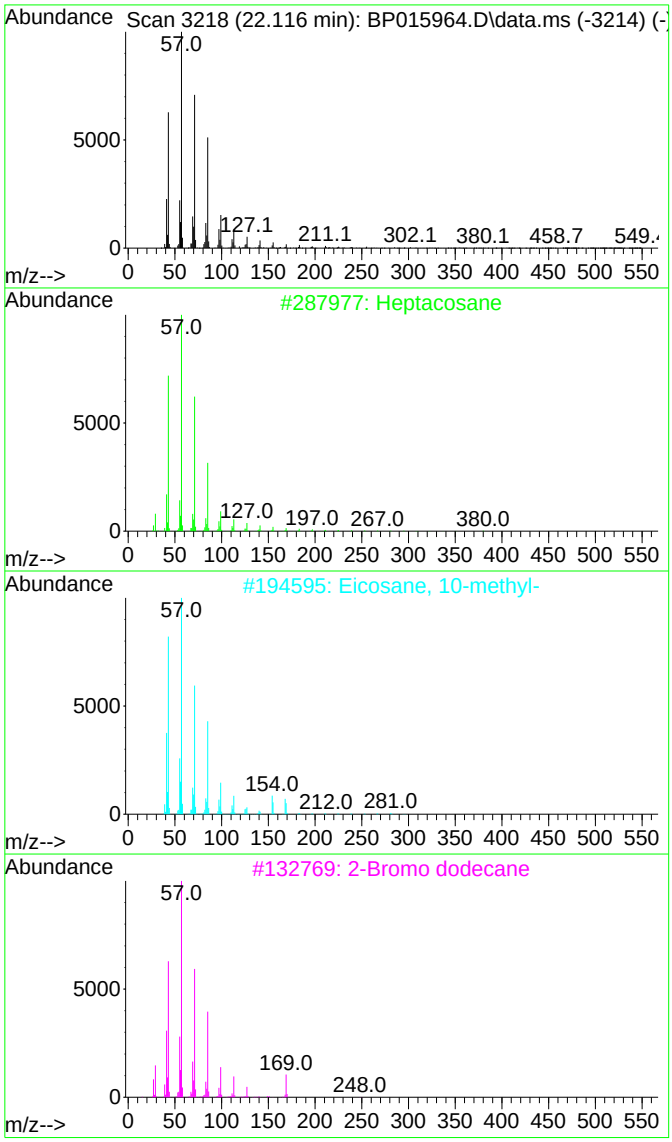
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

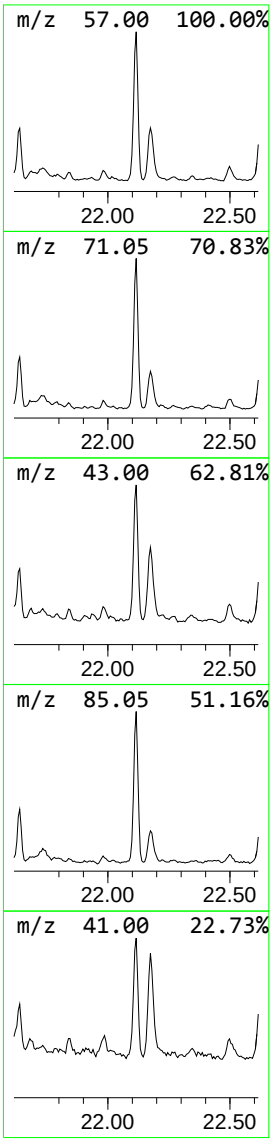
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 (DEL) Alkane: Straight-Chai... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.116	4.87 ng/ul	1167930	Chrysene-d12	21.545

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	98
2	Eicosane, 10-methyl-	296	C21H44	054833-23-7	93
3	2-Bromo dodecane	248	C12H25Br	013187-99-0	93
4	Heneicosane	296	C21H44	000629-94-7	91
5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	91





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Acq On : 03 Jul 2023 22:52
Operator : MA/JU
Sample : 03245-08
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCGG6

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

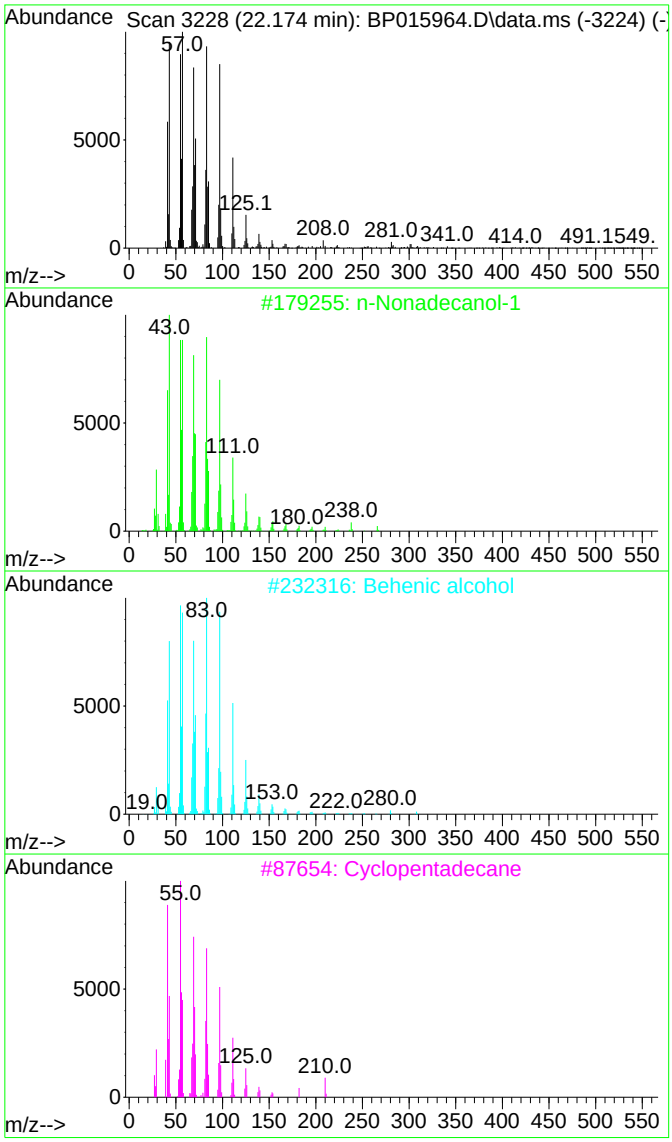
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

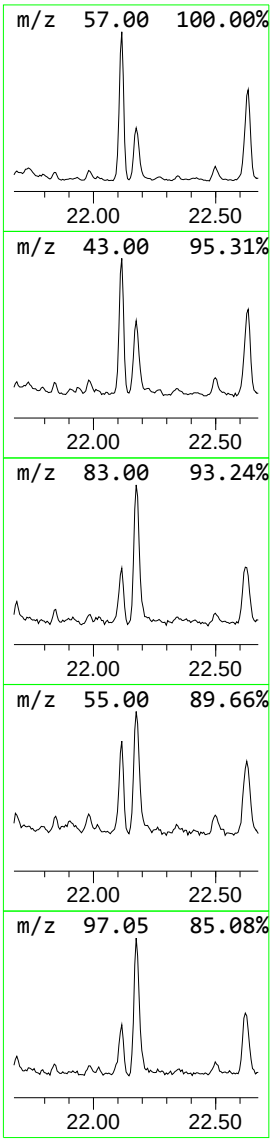
****

Peak Number 18 n-Nonadecanol-1 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.174	5.04 ng/ul	1209830	Chrysene-d12	21.545

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Nonadecanol-1	284	C19H40O	001454-84-8	94
2	Behenic alcohol	326	C22H46O	000661-19-8	94
3	Cyclopentadecane	210	C15H30	000295-48-7	93
4	n-Nonadecanol-1	284	C19H40O	001454-84-8	91
5	1-Nonadecene	266	C19H38	018435-45-5	91





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Acq On : 03 Jul 2023 22:52
Operator : MA/JU
Sample : 03245-08
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCGG6

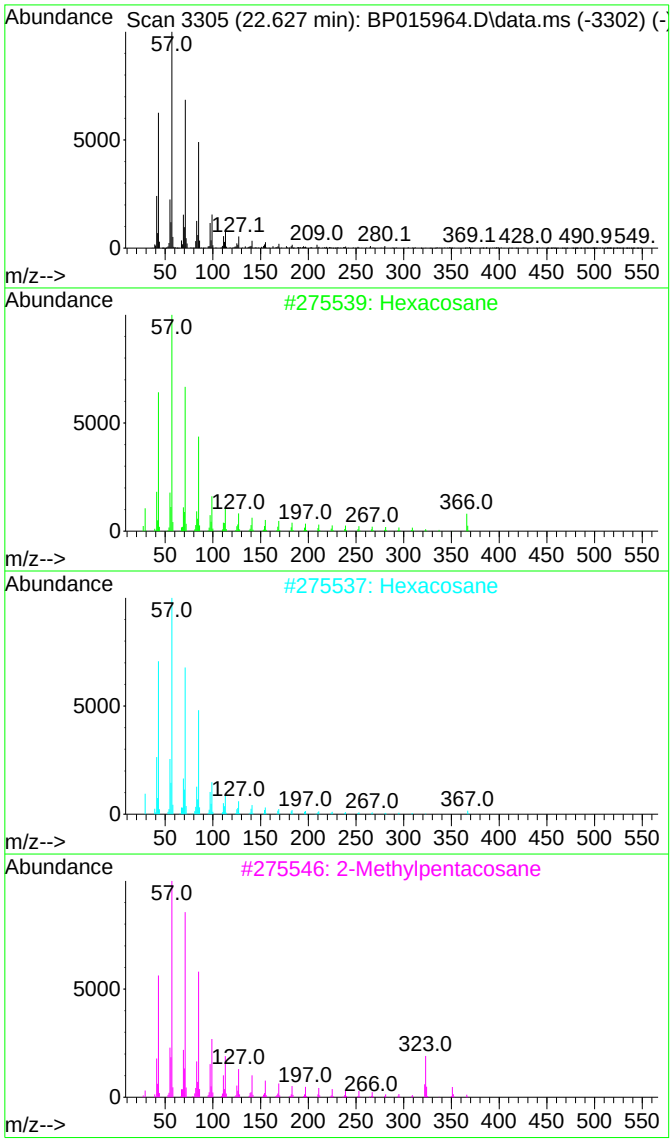
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

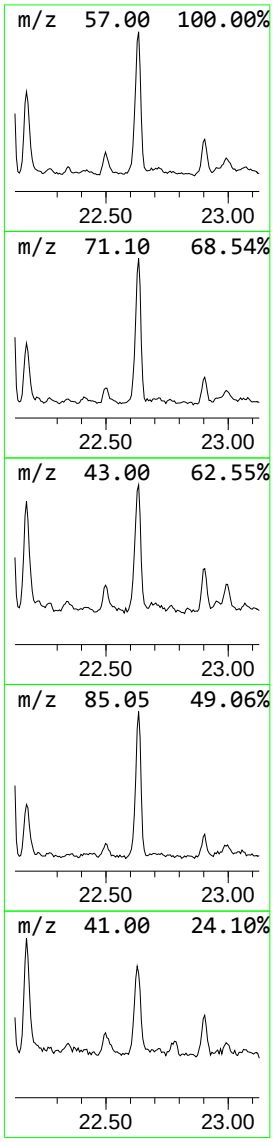
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 (DEL) Alkane: Straight-Chai... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.627	4.22 ng/ul	1012120	Chrysene-d12	21.545

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	93
2	Hexacosane	366	C26H54	000630-01-3	91
3	2-Methylpentacosane	366	C26H54	000629-87-8	91
4	Disulfide, di-tert-dodecyl	402	C24H50S2	027458-90-8	91
5	Heneicosane	296	C21H44	000629-94-7	91





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Acq On : 03 Jul 2023 22:52
Operator : MA/JU
Sample : 03245-08
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCGG6

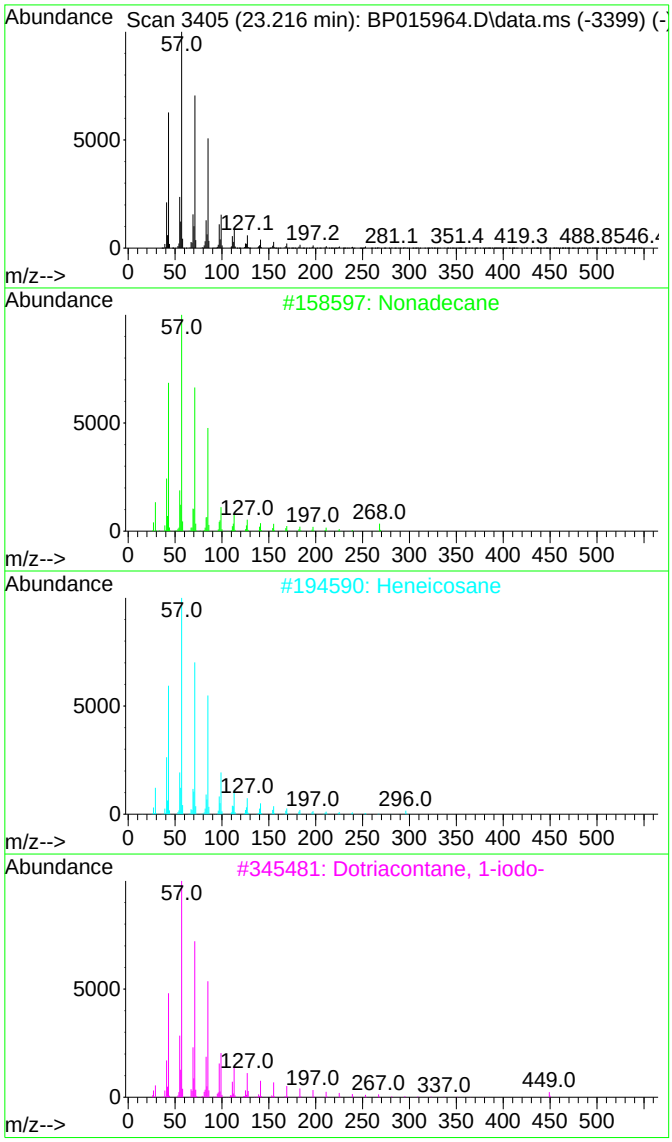
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

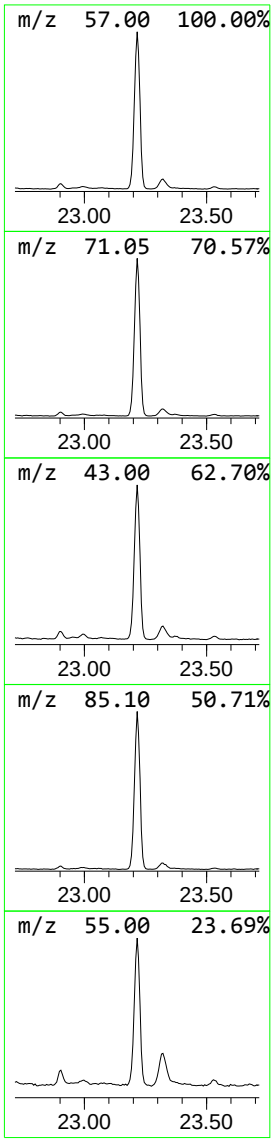
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.216	25.97 ng/ul	7261620	Perylene-d12	24.086

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	94
2	Heneicosane	296	C21H44	000629-94-7	91
3	Dotriacontane, 1-iodo-	576	C32H65I	1000406-32-4	91
4	Octadecane	254	C18H38	000593-45-3	87
5	Heptacosane	380	C27H56	000593-49-7	83





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Misc :
ALS Vial : 20 Sample Multiplier: 1

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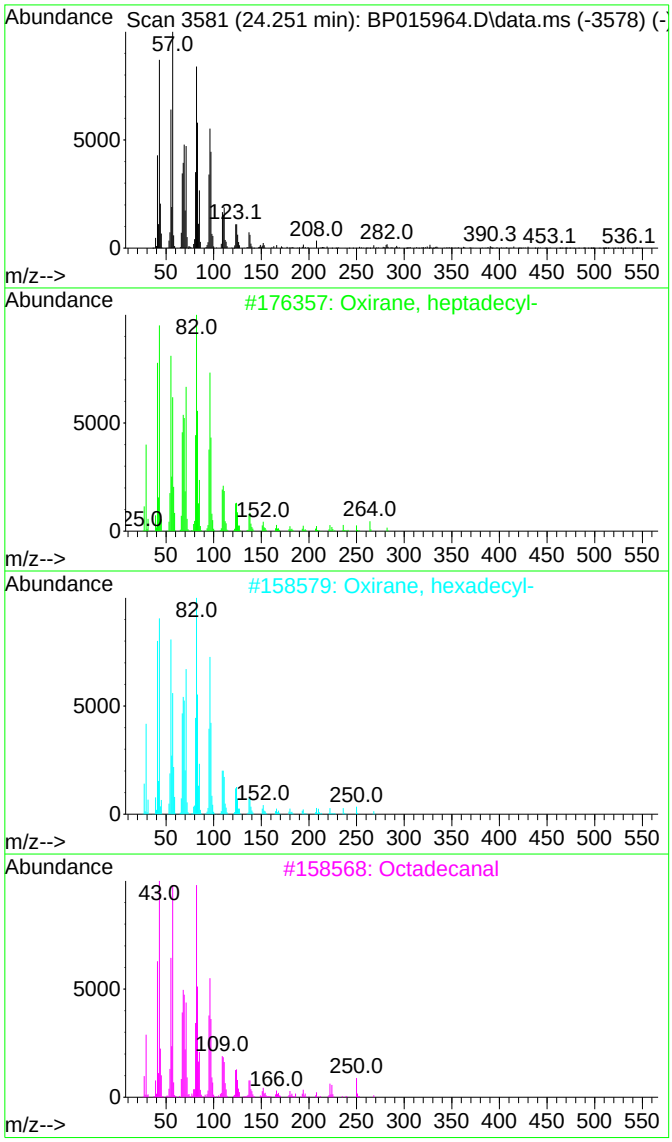
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

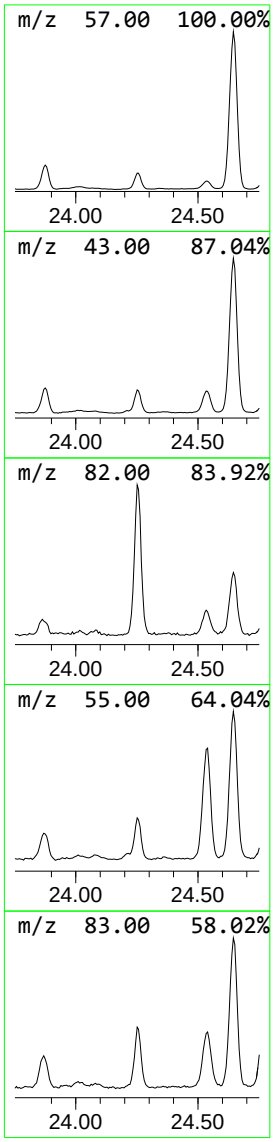
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 Oxirane, heptadecyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.251	6.40 ng/ul	1790460	Perylene-d12	24.086

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxirane, heptadecyl-	282	C19H38O	067860-04-2	97
2	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	95
3	Octadecanal	268	C18H36O	000638-66-4	94
4	Hexacosanal	380	C26H52O	026627-85-0	94
5	Octadecanal	268	C18H36O	000638-66-4	91





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Acq On : 03 Jul 2023 22:52
Operator : MA/JU
Sample : 03245-08
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCGG6

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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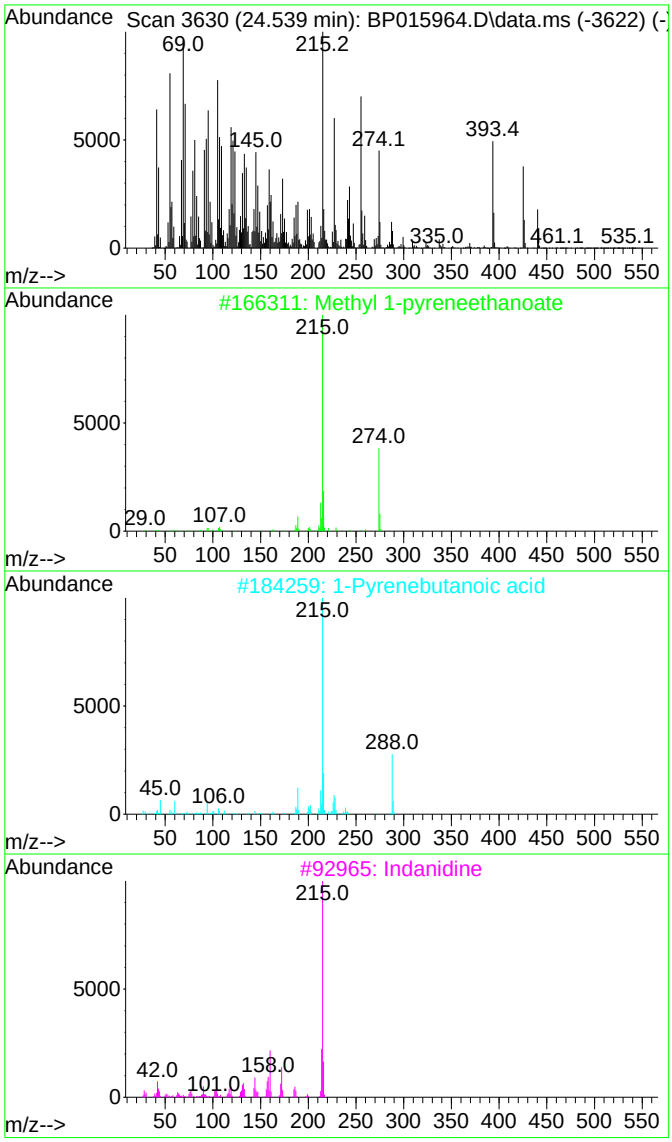
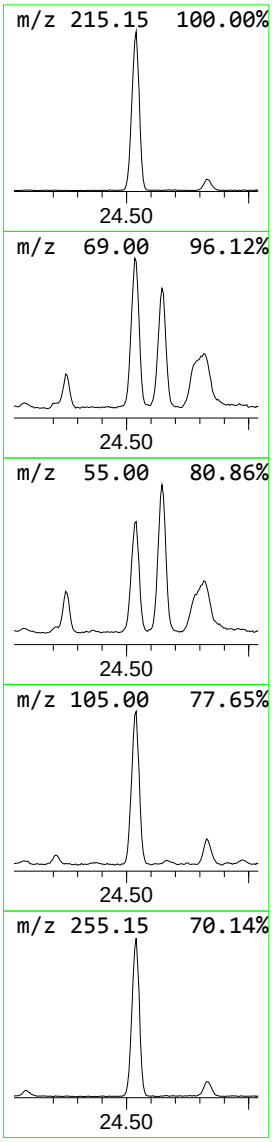
Peak Number 22 unknown-01 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.539	43.82 ng/ul	12251200	Perylene-d12	24.086

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl 1-pyreneethanoate	274	C19H14O2	073654-19-0	43
2	1-Pyrenebutanoic acid	288	C20H16O2	003443-45-6	15
3	Indanidine	215	C11H13N5	085392-79-6	15
4	3-Pyrenylacetic acid	260	C18H12O2	064709-55-3	11
5	6H-Benzo[d]pyrimido[5,4-b]thiopy...	215	C11H9N3S	1010267-44-6	11





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Acq On : 03 Jul 2023 22:52
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Sample : 03245-08
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCGG6

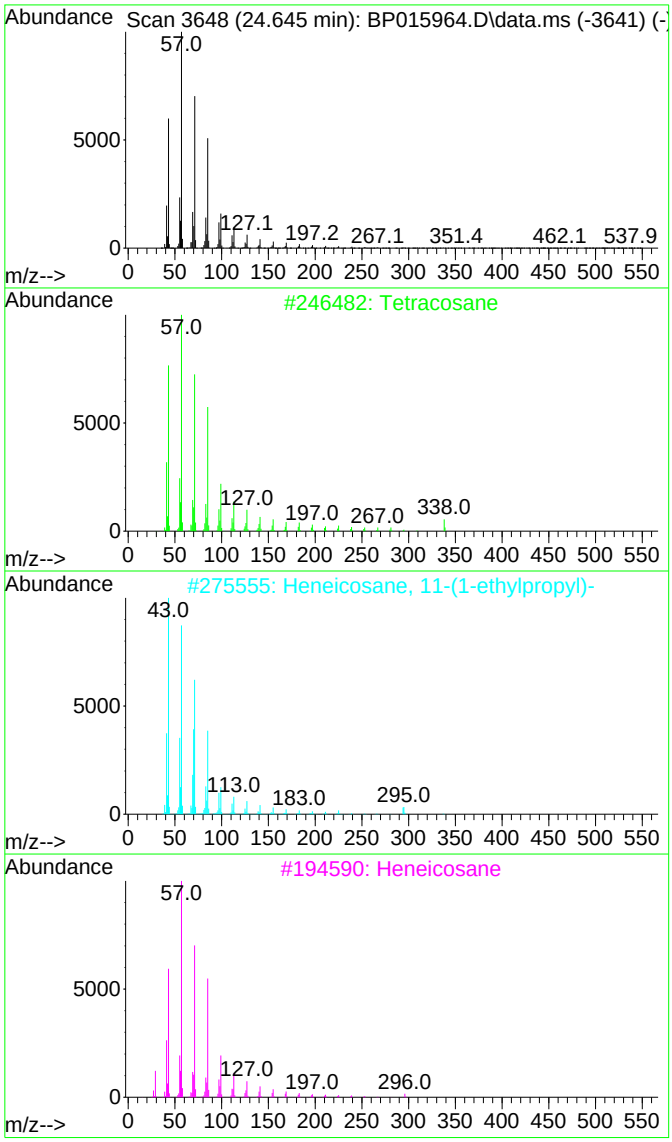
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

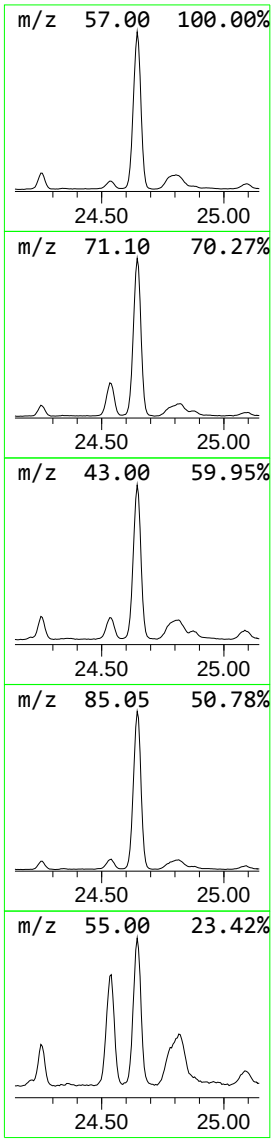
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 23 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.645	36.85 ng/ul	10303900	Perylene-d12	24.086

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	96
2	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	91
3	Heneicosane	296	C21H44	000629-94-7	91
4	Octacosane	394	C28H58	000630-02-4	91
5	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	91





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Sample : 03245-08
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCGG6

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

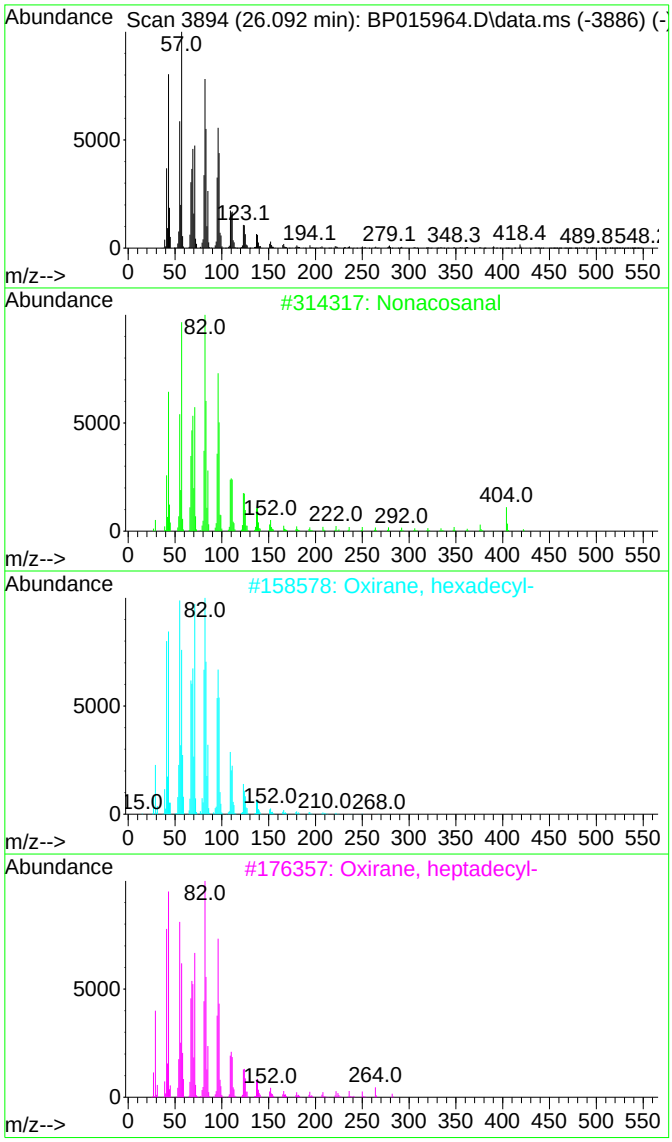
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

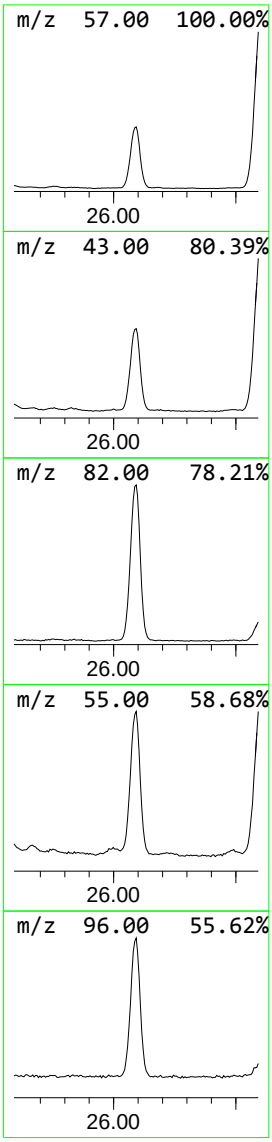
****

Peak Number 24 Nonacosanal Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.092	27.63 ng/ul	7725430	Perylene-d12	24.086

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonacosanal	422	C29H58O	072934-04-4	94
2	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	91
3	Oxirane, heptadecyl-	282	C19H38O	067860-04-2	91
4	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	91
5	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	91





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ALS Vial : 20 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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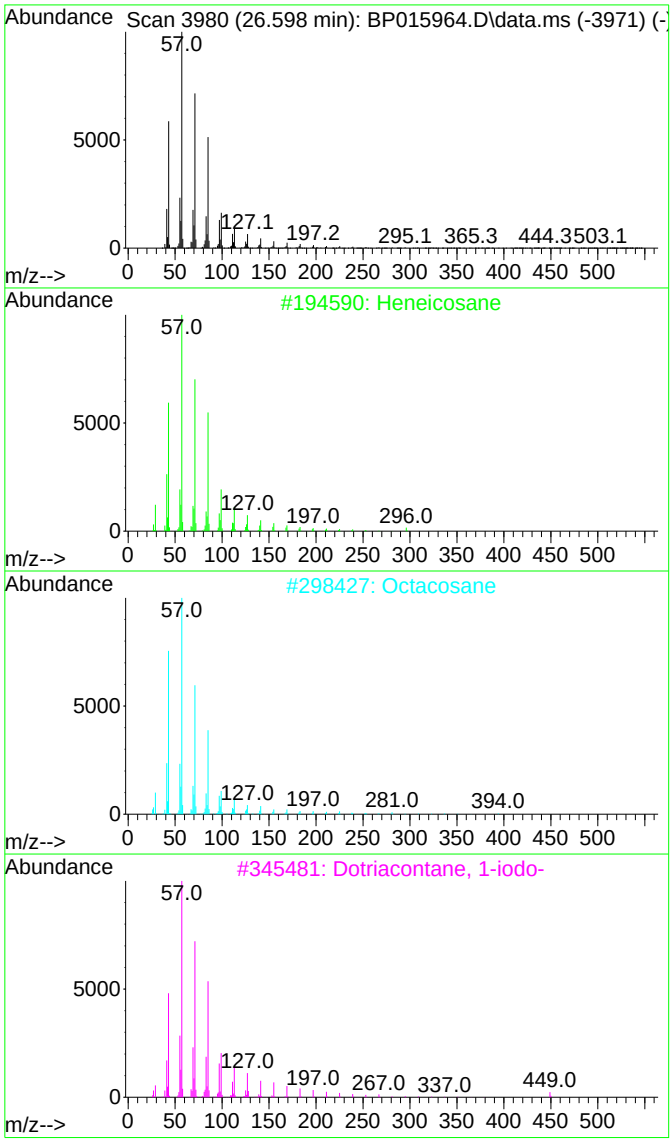
Quant Title : SVOA CALIBRATION

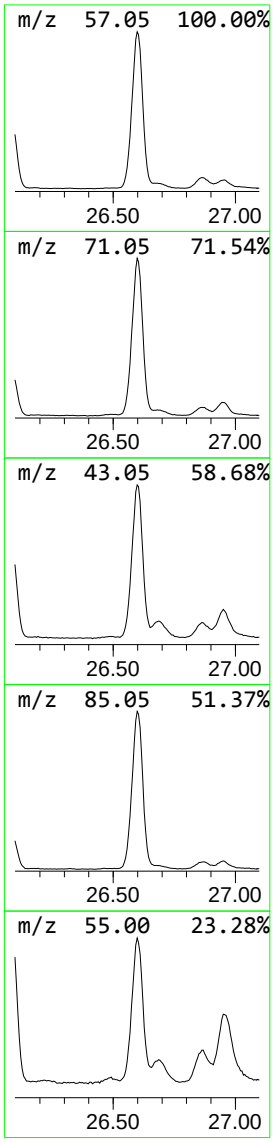
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 25 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.598	39.33 ng/ul	10995500	Perylene-d12	24.086

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Octacosane	394	C28H58	000630-02-4	91
3	Dotriacontane, 1-iodo-	576	C32H65I	1000406-32-4	91
4	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	91
5	Tetratetracontane	619	C44H90	007098-22-8	91





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Sample : 03245-08
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCGG6

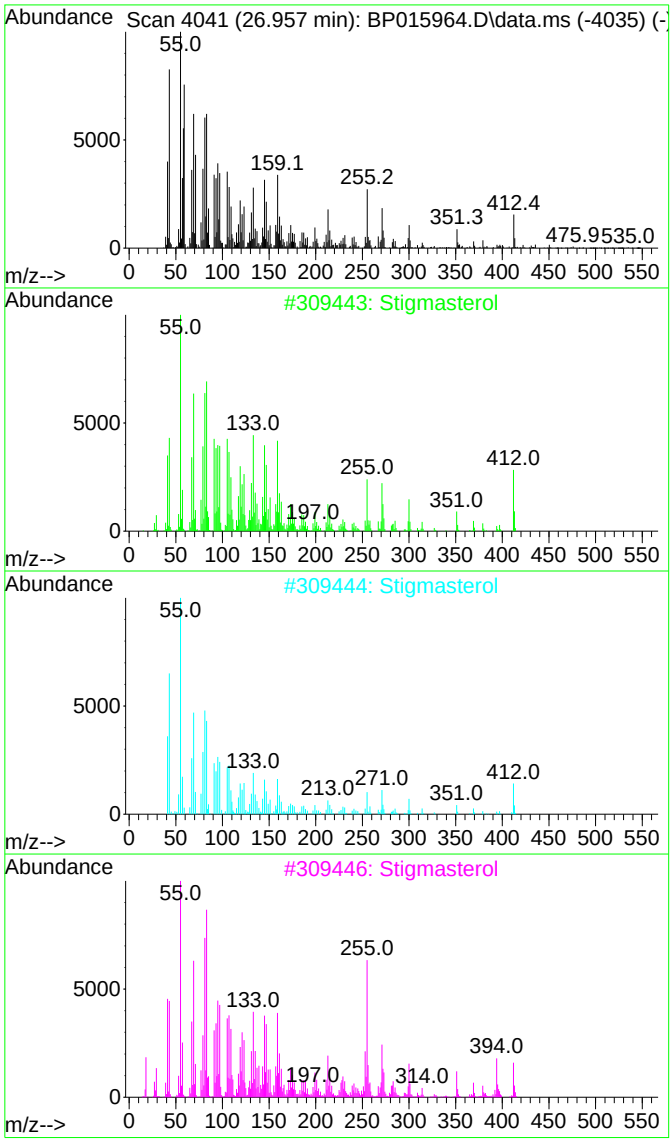
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

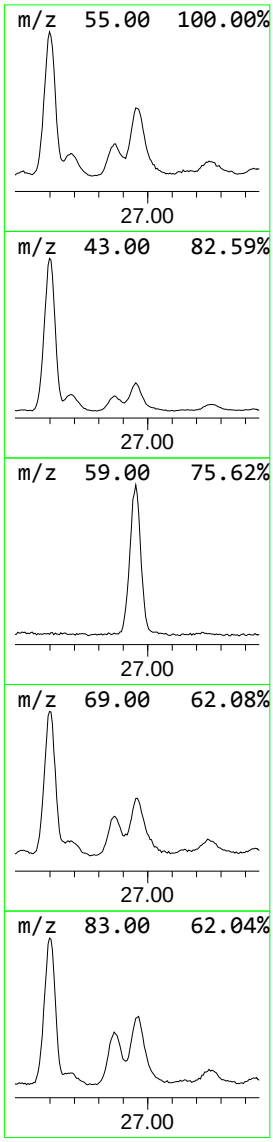
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 26 Stigmasterol Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.957	19.32 ng/ul	5401270	Perylene-d12	24.086

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Stigmasterol	412	C29H48O	000083-48-7	97
2	Stigmasterol	412	C29H48O	000083-48-7	96
3	Stigmasterol	412	C29H48O	000083-48-7	92
4	Stigmasterol	412	C29H48O	000083-48-7	90
5	Cholesta-22,24-dien-5-ol, 4,4-di...	412	C29H48O	1000128-66-1	86





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Sample : 03245-08
Misc :
ALS Vial : 20 Sample Multiplier: 1

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

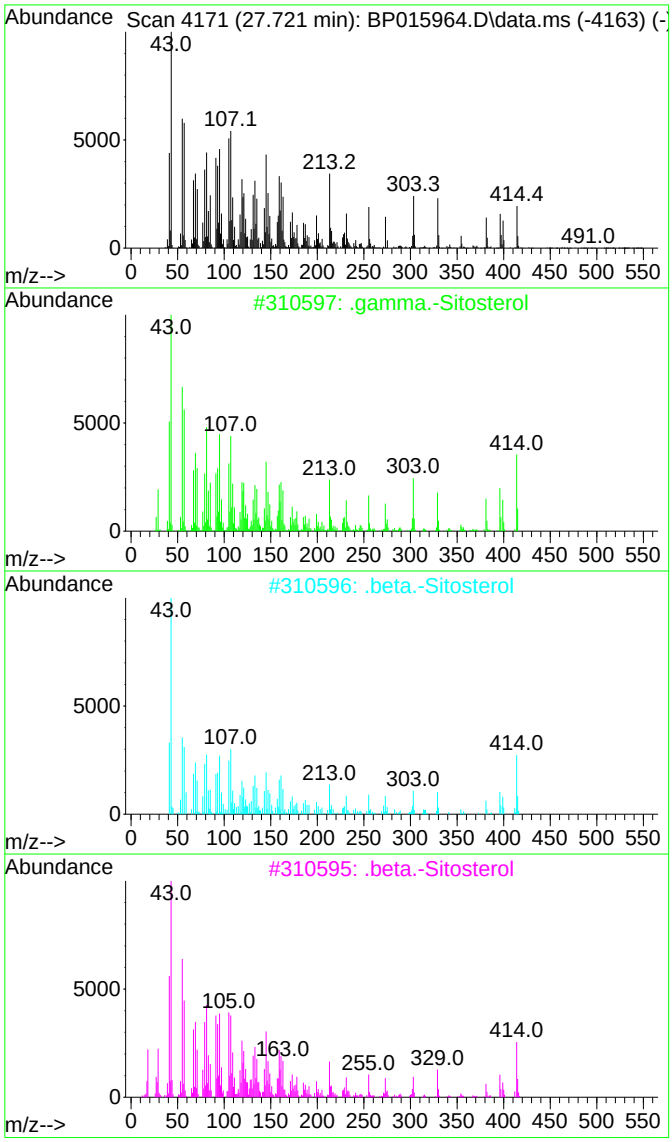
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

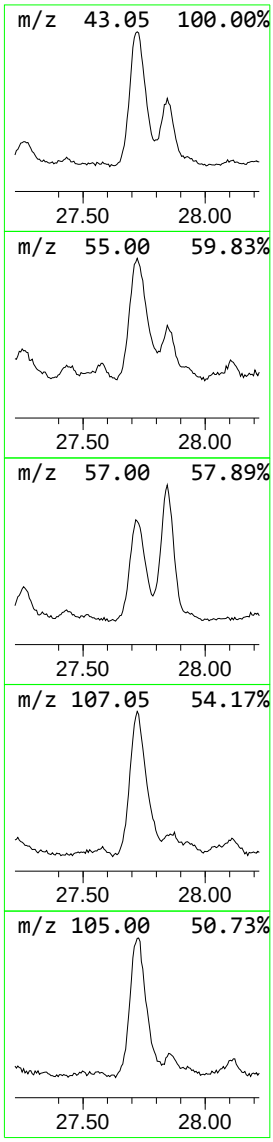
****

Peak Number 27 .gamma.-Sitosterol Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.721	23.71 ng/ul	6628050	Perylene-d12	24.086

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	95
3	.beta.-Sitosterol	414	C29H50O	000083-46-5	90
4	.gamma.-Sitosterol	414	C29H50O	000083-47-6	55
5	Isocholesteryl methyl ether	400	C28H48O	029944-53-4	53





Tentatively Identified Compound (LSC) summary

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Data File : BP015964.D
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Operator : MA/JU
Sample : 03245-08
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
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ClientSampleId :
DCGG6

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
.alpha.-Pinene	6.681	25.8	ng/ul	4164550	1	8.040	3229400	20.0
.beta.-Pinene	7.452	18.5	ng/ul	2989800	1	8.040	3229400	20.0
Aceto phenone	8.893	3.8	ng/ul	605413	1	8.040	3229400	20.0
Bicyclo[3.1.1]h...	10.163	2.9	ng/ul	700017	2	10.869	4838110	20.0
Benzophenone	16.057	7.4	ng/ul	2370500	3	14.693	6430280	20.0
Palmitoleic acid	18.257	13.5	ng/ul	4621610	4	17.457	6827710	20.0
n-Hexadecanoic ...	18.322	38.9	ng/ul	13262600	4	17.457	6827710	20.0
Linoelaidic acid	19.398	2.1	ng/ul	726614	4	17.457	6827710	20.0
Octadecanoic acid	19.534	10.3	ng/ul	2466410	5	21.545	4797100	20.0
(1H)Pyrrole, 3,...	19.916	6.4	ng/ul	1535230	5	21.545	4797100	20.0
(DEL) Alkane: S...	20.257	4.8	ng/ul	1153880	5	21.545	4797100	20.0
Eicosanoic acid	20.581	2.9	ng/ul	694803	5	21.545	4797100	20.0
2-Pentenoic aci...	20.727	20.1	ng/ul	4820560	5	21.545	4797100	20.0
5,8,11,14,17-Ei...	21.086	3.6	ng/ul	861783	5	21.545	4797100	20.0
Dehydroabietic ...	21.198	8.2	ng/ul	1963530	5	21.545	4797100	20.0
(DEL) Alkane: C...	21.222	9.2	ng/ul	2216590	5	21.545	4797100	20.0
(DEL) Alkane: S...	22.116	4.9	ng/ul	1167930	5	21.545	4797100	20.0
n-Nonadecanol-1	22.174	5.0	ng/ul	1209830	5	21.545	4797100	20.0
(DEL) Alkane: S...	22.627	4.2	ng/ul	1012120	5	21.545	4797100	20.0
(DEL) Alkane: S...	23.216	26.0	ng/ul	7261620	6	24.086	5591770	20.0
Oxirane, heptad...	24.251	6.4	ng/ul	1790460	6	24.086	5591770	20.0
unknown-01	24.539	43.8	ng/ul	12251200	6	24.086	5591770	20.0
(DEL) Alkane: S...	24.645	36.9	ng/ul	10303900	6	24.086	5591770	20.0
Nonacosanal	26.092	27.6	ng/ul	7725430	6	24.086	5591770	20.0
(DEL) Alkane: S...	26.598	39.3	ng/ul	10995500	6	24.086	5591770	20.0
Stigmasterol	26.957	19.3	ng/ul	5401270	6	24.086	5591770	20.0
.gamma.-Sitosterol	27.721	23.7	ng/ul	6628050	6	24.086	5591770	20.0