LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062923\
Data File : BP015823.D
Acq On : 29 Jun 2023 22:36
Operator : MA/JU
Sample : 03161-14
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCFX0

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: BP015823.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.828	104	109	122	rBV	613054	1043780	13.13%	0.782%
2	3.928	122	126	135	rVV	739081	991571	12.47%	0.743%
3	4.005	135	139	143	rVV	91749	133508	1.68%	0.100%
4	4.728	258	262	267	rVB	96673	132471	1.67%	0.099%
5	5.122	322	329	336	rBV2	81246	129987	1.63%	0.097%
6	7.234	679	688	707	rVV	612808	1560049	19.62%	1.169%
7	7.381	707	713	725	rVV	714685	1224060	15.39%	0.917%
8	7.587	741	748	764	rBV	872373	1649861	20.75%	1.236%
9	8.052	821	827	842	rVV	1127315	2042341	25.68%	1.530%
10	8.605	913	921	932	rVV3	64933	185583	2.33%	0.139%
11	8.793	946	953	962	rBV	468498	1025587	12.90%	0.769%
12	8.875	964	967	970	rVV2	99237	186966	2.35%	0.140%
13	8.905	970	972	982	rVB2	92574	155061	1.95%	0.116%
14	9.246	1023	1030	1050	rBV	754261	1656894	20.84%	1.242%
15	9.969	1145	1153	1167	rBV	560901	1316590	16.56%	0.987%
16	10.075	1167	1171	1180	rVB2	70286	145126	1.83%	0.109%
17	10.540	1242	1250	1277	rBV	549828	1814532	22.82%	1.360%
18	10.881	1301	1308	1314	rVV	1628171	2905976	36.55%	2.178%
19	10.934	1314	1317	1325	rVB	234869	401283	5.05%	0.301%
20	11.075	1334	1341	1357	rBV2	105613	383965	4.83%	0.288%
21	11.199	1357	1362	1369	rVB2	82629	140131	1.76%	0.105%
22	12.551	1585	1592	1604	rVB	141403	281050	3.53%	0.211%
23	12.763	1621	1628	1635	rBV	145587	262732	3.30%	0.197%
24	12.922	1646	1655	1665	rBV	82020	175324	2.20%	0.131%
25	13.516	1749	1756	1758	rBV2	116013	218966	2.75%	0.164%
26	13.546	1758	1761	1765	rVV	152306	259105	3.26%	0.194%
27	13.598	1765	1770	1778	rVV2	125855	263353	3.31%	0.197%
28	13.863	1807	1815	1827	rBV10	41587	162857	2.05%	0.122%
29	14.110	1847	1857	1863	rBV	1625989	2554154	32.12%	1.914%
30	14.157	1863	1865	1872	rVB	161980	223525	2.81%	0.167%
31	14.398	1900	1906	1910	rBV2	2043445	3302853	41.54%	2.475%
32	14.704	1951	1958	1965	rVV	2341173	3644260	45.83%	2.731%
33	14.769	1965	1969	1979	rVB	267428	423844	5.33%	0.318%
34	14.981	1999	2005	2010	rBV	195718	475813	5.98%	0.357%
35	15.028	2011	2013	2022	rVV	164137	304237	3.83%	0.228%
36	15.116	2022	2028	2035	rVV	243072	458067	5.76%	0.343%

LSC Area Percent Report

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Acq On : 29 Jun 2023 22:36
Operator : MA/JU
Sample : 03161-14
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCFX0

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	15.363	2065	2070	2075	rVB3	77500	136352	1.71%	0.102%
38	15.516	2092	2096	2104	rVB	198944	281605	3.54%	0.211%
39	15.698	2120	2127	2133	rBV	2251165	3586012	45.10%	2.687%
40	15.757	2133	2137	2148	rVB2	318505	616129	7.75%	0.462%
41	15.863	2149	2155	2162	rBV	417588	848594	10.67%	0.636%
42	15.969	2169	2173	2183	rVB	151909	240778	3.03%	0.180%
43	16.063	2183	2189	2201	rVB	559179	914570	11.50%	0.685%
44	16.404	2239	2247	2251	rBV2	111801	272269	3.42%	0.204%
45	16.451	2251	2255	2263	rVB3	78848	135751	1.71%	0.102%
46	16.639	2282	2287	2293	rVB2	126417	201563	2.53%	0.151%
47	16.769	2303	2309	2314	rVB2	161603	259838	3.27%	0.195%
48	16.922	2330	2335	2340	rVV3	109265	158383	1.99%	0.119%
49	17.139	2366	2372	2376	rBV	134566	235044	2.96%	0.176%
50	17.181	2376	2379	2386	rVB2	103123	148003	1.86%	0.111%
51	17.463	2421	2427	2431	rBV	2555472	3699811	46.53%	2.772%
52	17.504	2431	2434	2440	rVV	1478368	2208488	27.77%	1.655%
53	17.563	2440	2444	2448	rVV2	2037816	3184310	40.05%	2.386%
54	17.604	2448	2451	2463	rVB	608632	1018771	12.81%	0.763%
55	17.886	2494	2499	2502	rBV	223772	358443	4.51%	0.269%
56	17.916	2502	2504	2510	rVV2	115533	163211	2.05%	0.122%
57	18.263	2558	2563	2568	rBV	595105	807148	10.15%	0.605%
58	18.322	2568	2573	2579	rVV2	2845445	3594508	45.20%	2.693%
59	18.386	2579	2584	2592	rVB2	326536	675041	8.49%	0.506%
60	18.516	2601	2606	2610	rBV2	383530	662508	8.33%	0.496%
61	18.804	2653	2655	2662	rVB	185539	237940	2.99%	0.178%
62	18.869	2662	2666	2674	rVB	191599	315001	3.96%	0.236%
63	19.198	2718	2722	2727	rBV2	285676	484600	6.09%	0.363%
64	19.298	2736	2739	2743	rVB2	241120	312487	3.93%	0.234%
65	19.363	2746	2750	2754	rVB	224931	292564	3.68%	0.219%
66	19.404	2754	2757	2759	rBV	205395	231478	2.91%	0.173%
67	19.463	2759	2767	2774	rVB	4559814	6590814	82.89%	4.939%
68	19.545	2777	2781	2788	rVV2	566198	792956	9.97%	0.594%
69	19.616	2789	2793	2799	rVV	238222	386002	4.85%	0.289%
70	19.792	2818	2823	2825	rBV2	2811445	4246805	53.41%	3.182%
71	19.816	2825	2827	2835	rVB	3773609	4763454	59.90%	3.569%
72	19.928	2842	2846	2854	rVB	432042	567341	7.13%	0.425%
73	19.998	2855	2858	2861	rVB	128603	156951	1.97%	0.118%
74	20.133	2877	2881	2888	rVB3	289110	598207	7.52%	0.448%
75	20.269	2900	2904	2907	rBV	518660	768523	9.66%	0.576%
76	20.298	2907	2909	2914	rVB	474248	526525	6.62%	0.395%

LSC Area Percent Report

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Acq On : 29 Jun 2023 22:36
Operator : MA/JU
Sample : 03161-14
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
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ClientSampleId :
DCFX0

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

77	20.398	2922	2926	2929	rBV	302879	371328	4.67%	0.278%
78	20.592	2955	2959	2963	rBV	347165	525658	6.61%	0.394%
79	20.751	2984	2986	2991	rVB3	243244	252603	3.18%	0.189%
80	21.039	3032	3035	3044	rVB	378930	532187	6.69%	0.399%
81	21.222	3058	3066	3071	rVB4	1214753	2708056	34.06%	2.029%
82	21.275	3072	3075	3082	rVB3	307510	450193	5.66%	0.337%
83	21.333	3082	3085	3092	rVB	386156	515927	6.49%	0.387%
84	21.416	3096	3099	3104	rBV2	381416	603646	7.59%	0.452%
85	21.545	3113	3121	3126	rBV2	3140660	7951682	100.00%	5.958%
86	21.586	3126	3128	3133	rVB	1859847	2391178	30.07%	1.792%
87	22.127	3217	3220	3226	rBV2	603081	1139328	14.33%	0.854%
88	22.374	3259	3262	3267	rBV3	363075	489435	6.16%	0.367%
89	23.233	3404	3408	3414	rVB	1204730	1832435	23.04%	1.373%
90	23.316	3415	3422	3427	rBV	2924994	7336422	92.26%	5.497%
91	23.510	3452	3455	3461	rVB	493141	772487	9.71%	0.579%
92	23.868	3510	3516	3520	rBV	1430181	2994707	37.66%	2.244%
93	23.921	3521	3525	3530	rVV2	1363781	2823934	35.51%	2.116%
94	23.980	3530	3535	3546	rVB	1881267	4117303	51.78%	3.085%
95	24.092	3548	3554	3560	rBV	1423680	3127077	39.33%	2.343%
96	24.274	3582	3585	3597	rVB5	661100	1320310	16.60%	0.989%
97	24.668	3646	3652	3661	rVB	1881682	4122872	51.85%	3.089%
98	24.810	3670	3676	3687	rBV	1073242	2704452	34.01%	2.027%
99	26.121	3894	3899	3912	rVB2	1050811	2778137	34.94%	2.082%
100	26.633	3979	3986	3994	rBV	1282099	3676095	46.23%	2.755%

Sum of corrected areas: 133451692

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062923\
Data File : BP015823.D
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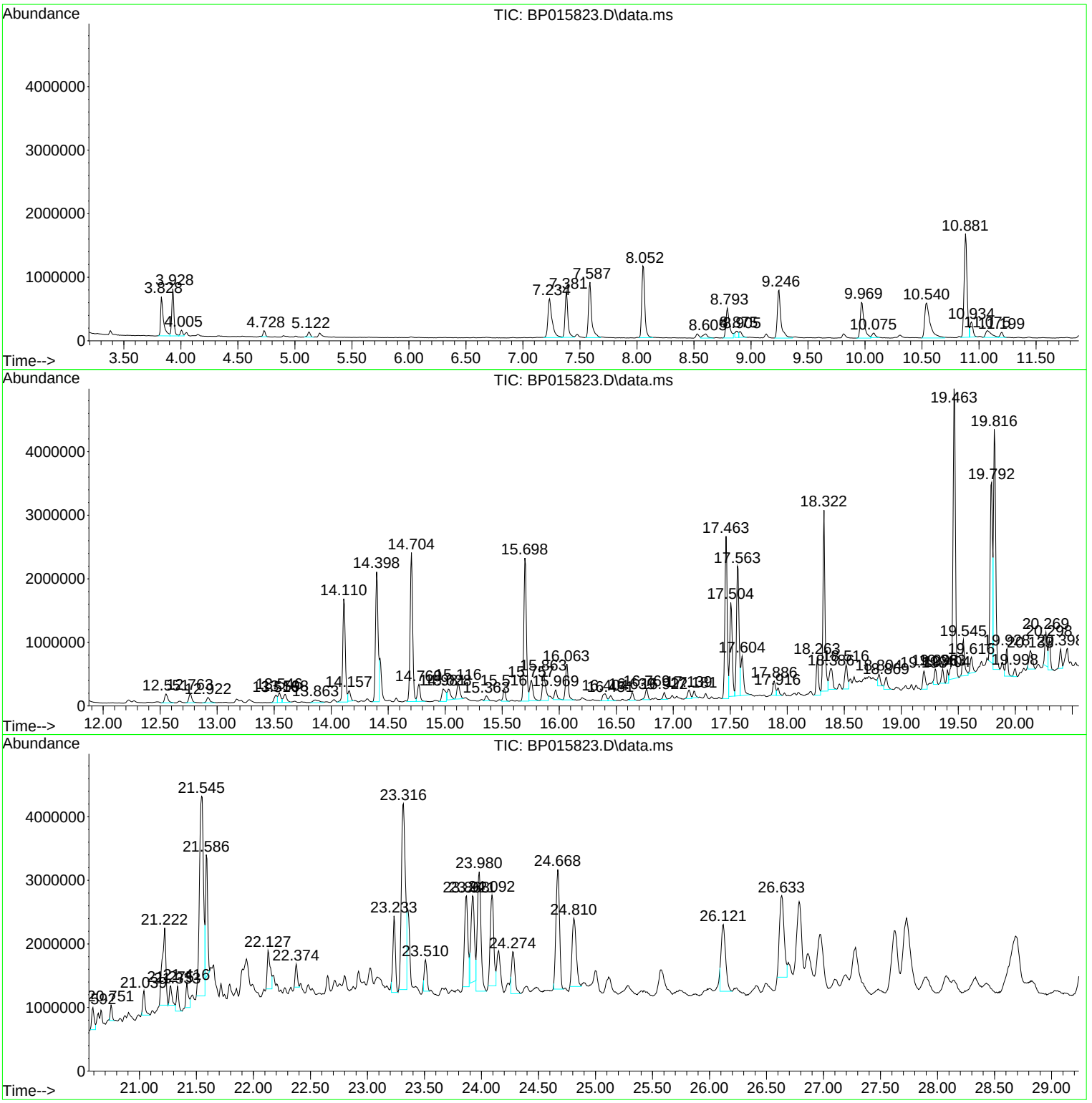
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCFX0

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\BP062923\
Data File : BP015823.D
Acq On : 29 Jun 2023 22:36
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Sample : 03161-14
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Instrument :
BNA_P
ClientSampleId :
DCFX0

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

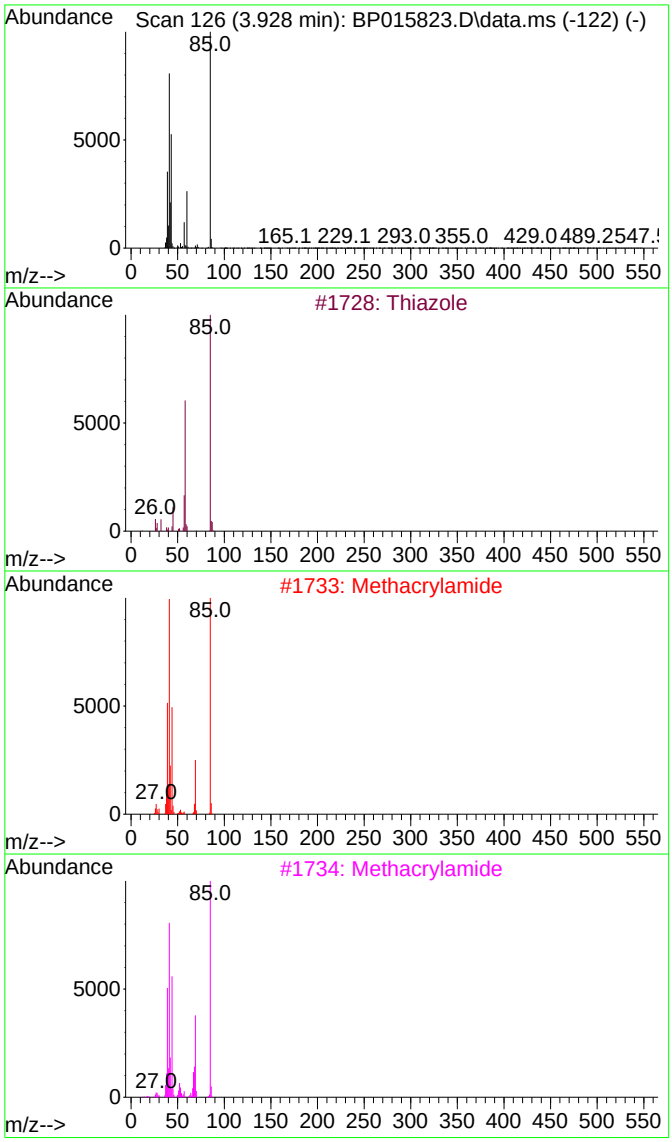
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

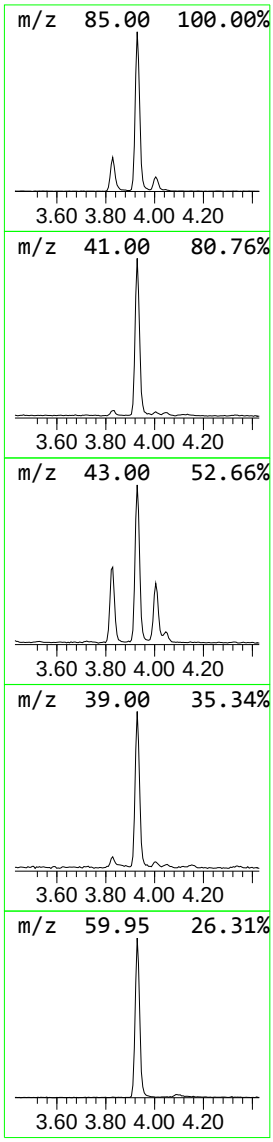
****

Peak Number 1 unknown-01 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.928	9.71 ng/ul	991571	1,4-Dichlorobenzene-d4	8.058

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Thiazole	85	C3H3NS	000288-47-1	37
2	Methacrylamide	85	C4H7NO	000079-39-0	36
3	Methacrylamide	85	C4H7NO	000079-39-0	33
4	Thiazole	85	C3H3NS	000288-47-1	9
5	Ethanimidic acid, ethyl ester	87	C4H9NO	001000-84-6	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062923\
Data File : BP015823.D
Acq On : 29 Jun 2023 22:36
Operator : MA/JU
Sample : 03161-14
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCFX0

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

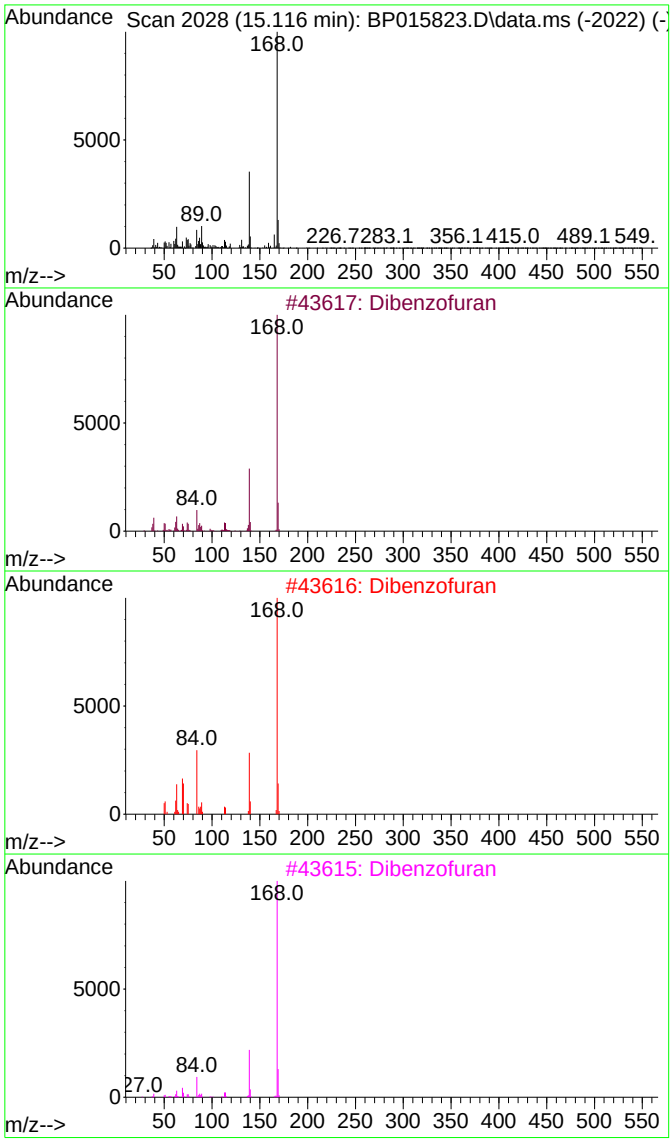
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

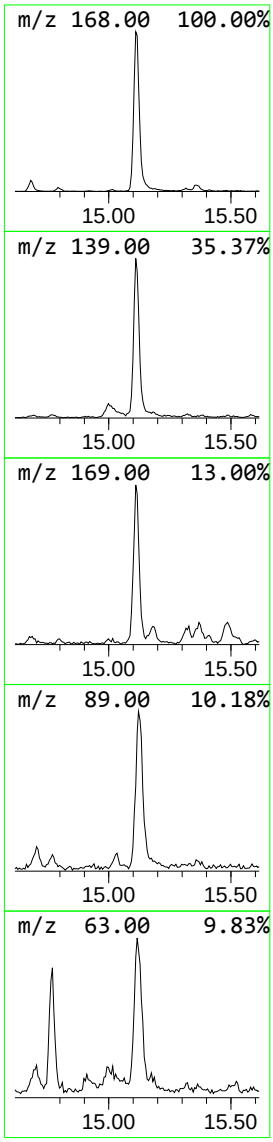
****

Peak Number 2 Dibenzo furan Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.116	2.51 ng/ul	458067	Acenaphthene-d10	14.704

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran	168	C12H8O	000132-64-9	87
2	Dibenzofuran	168	C12H8O	000132-64-9	86
3	Dibenzofuran	168	C12H8O	000132-64-9	59
4	Quinoline-4-carbonitrile, 2-methyl-	168	C11H8N2	1000317-19-2	58
5	Naphtho[2,1-d]imidazole	168	C11H8N2	000233-53-4	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062923\
Data File : BP015823.D
Acq On : 29 Jun 2023 22:36
Operator : MA/JU
Sample : 03161-14
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCFX0

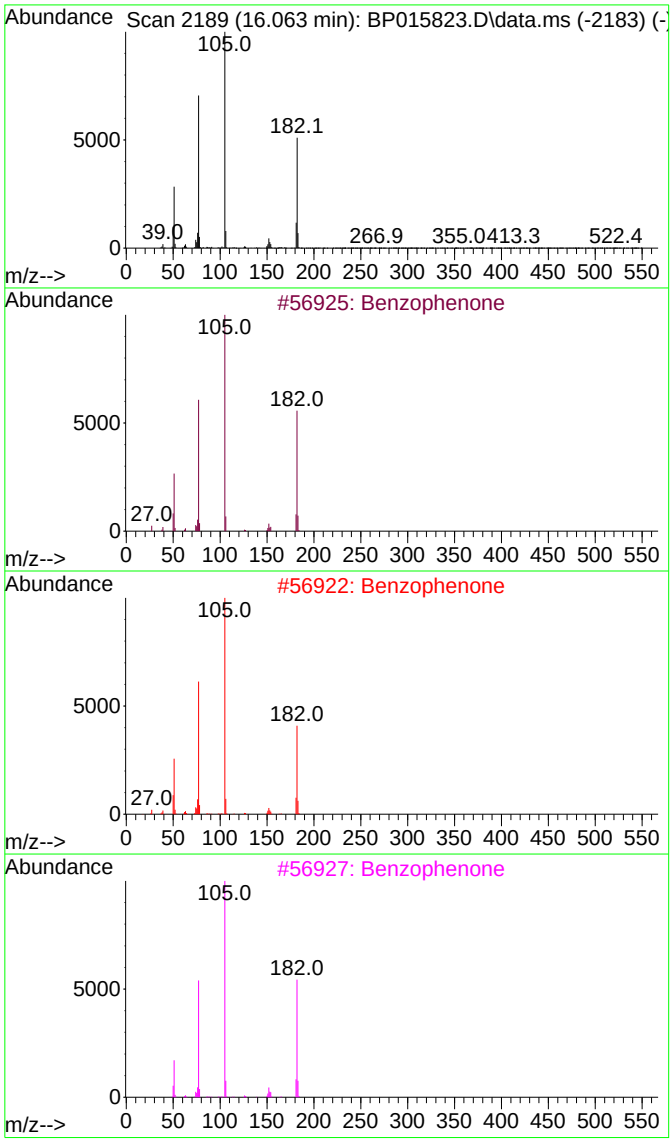
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

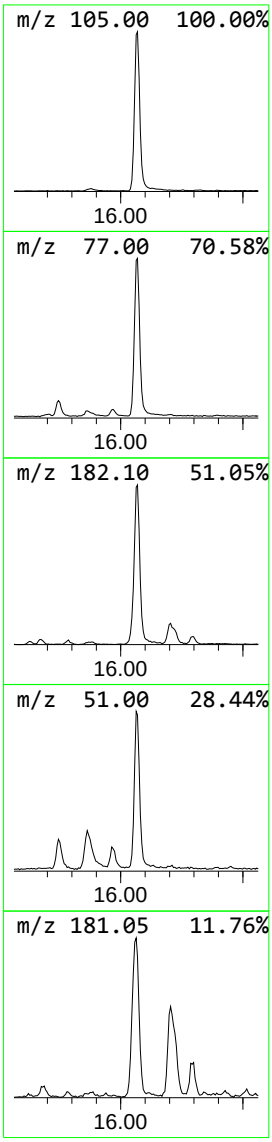
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Benzophenone Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.063	5.02 ng/ul	914570	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	Benzophenone	182	C13H10O	000119-61-9	80





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Data File : BP015823.D
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Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCFX0

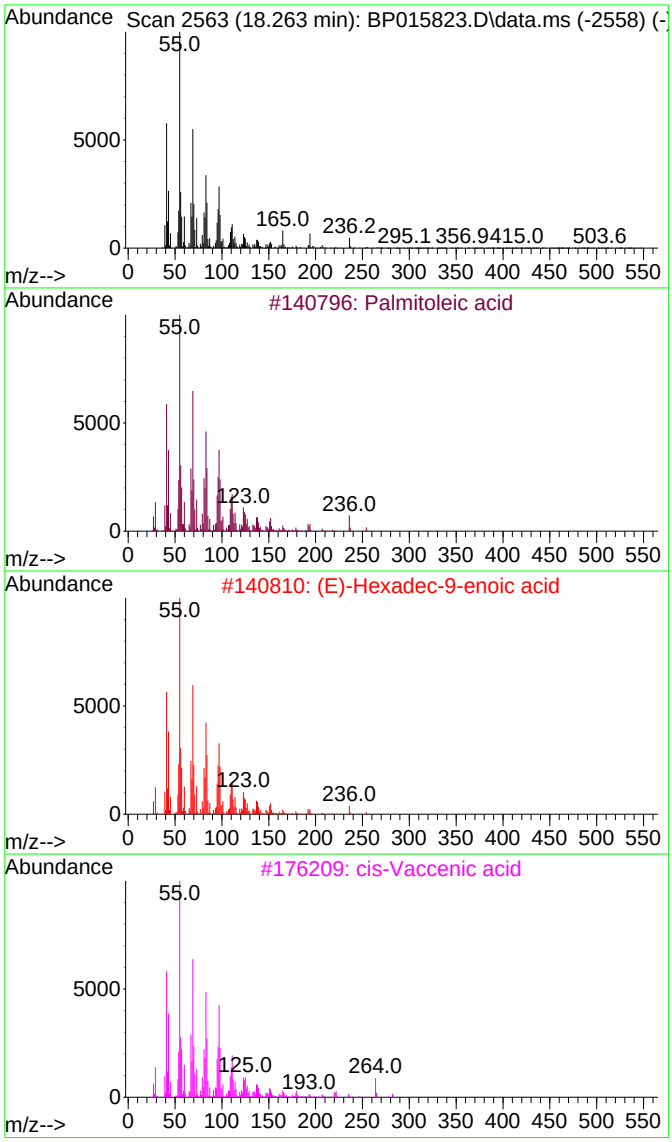
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

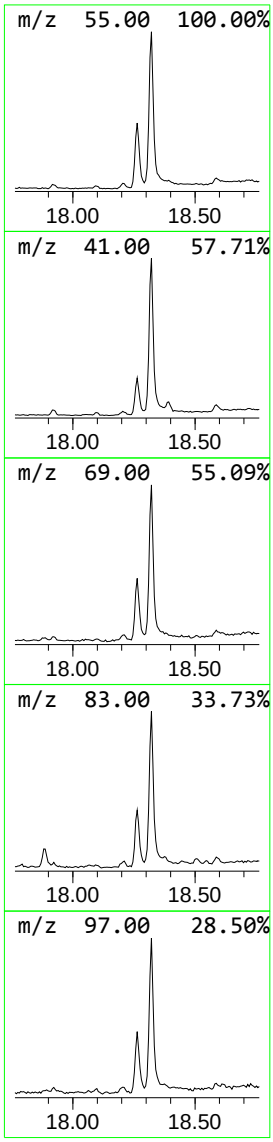
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Palmitoleic acid Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.263	4.36 ng/ul	807148	Phenanthrene-d10	17.463

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	cis-Vaccenic acid	282	C18H34O2	000506-17-2	90
4	Oxacycloheptadecan-2-one	254	C16H30O2	000109-29-5	90
5	9-Hexadecenoic acid	254	C16H30O2	002091-29-4	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062923\
Data File : BP015823.D
Acq On : 29 Jun 2023 22:36
Operator : MA/JU
Sample : 03161-14
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCFX0

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

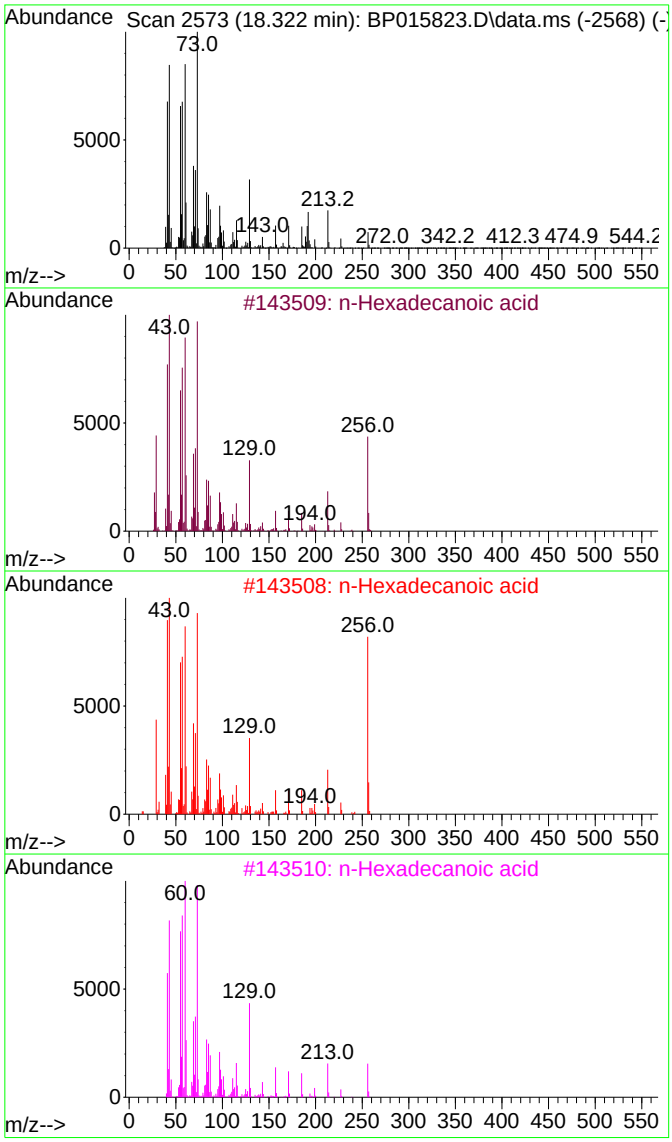
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

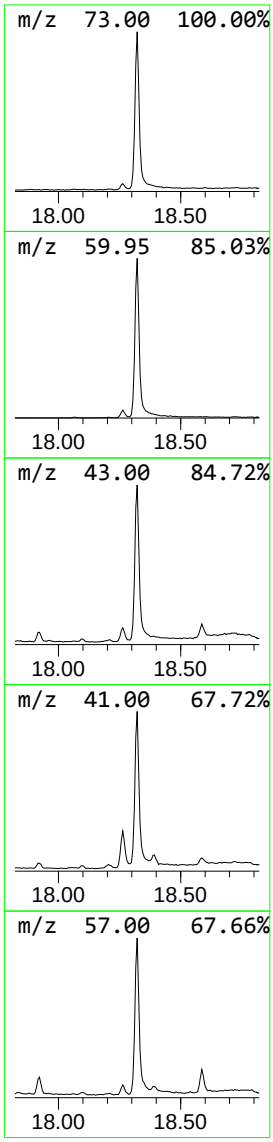
****

Peak Number 5 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.322	19.43 ng/ul	3594510	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	99
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	95





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Acq On : 29 Jun 2023 22:36
Operator : MA/JU
Sample : 03161-14
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCFX0

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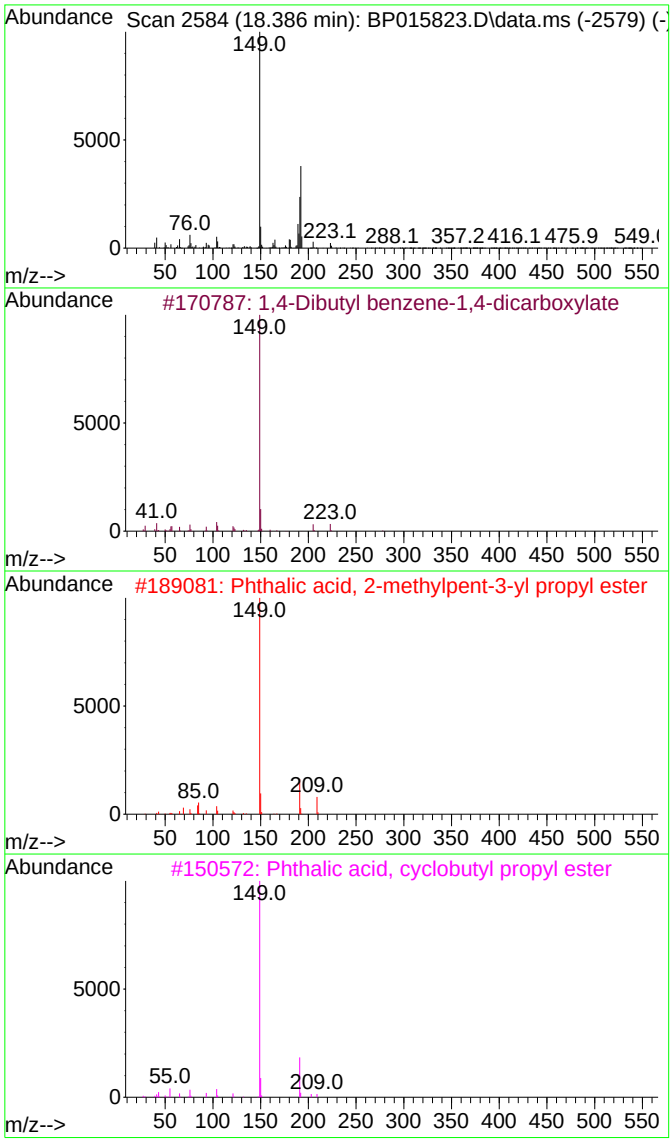
Quant Title : SVOA CALIBRATION

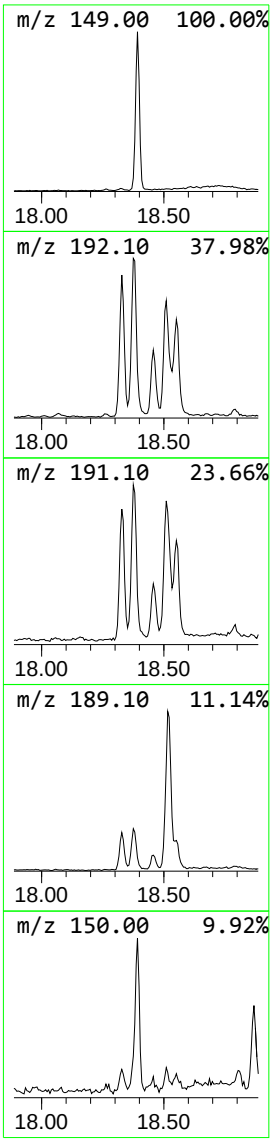
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 1,4-Dibutyl benzene-1,4-dic... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.386	3.65 ng/ul	675041	Phenanthrene-d10	17.463

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Dibutyl benzene-1,4-dicarbox...	278	C16H22O4	001962-75-0	55
2	Phthalic acid, 2-methylpent-3-yl...	292	C17H24O4	1000356-90-6	53
3	Phthalic acid, cyclobutyl propyl...	262	C15H18O4	1010315-41-2	53
4	Di-sec-butyl phthalate	278	C16H22O4	1000373-65-4	49
5	1,2-Benzenedicarboxylic acid, di...	250	C14H18O4	000131-16-8	47





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Operator : MA/JU
Sample : 03161-14
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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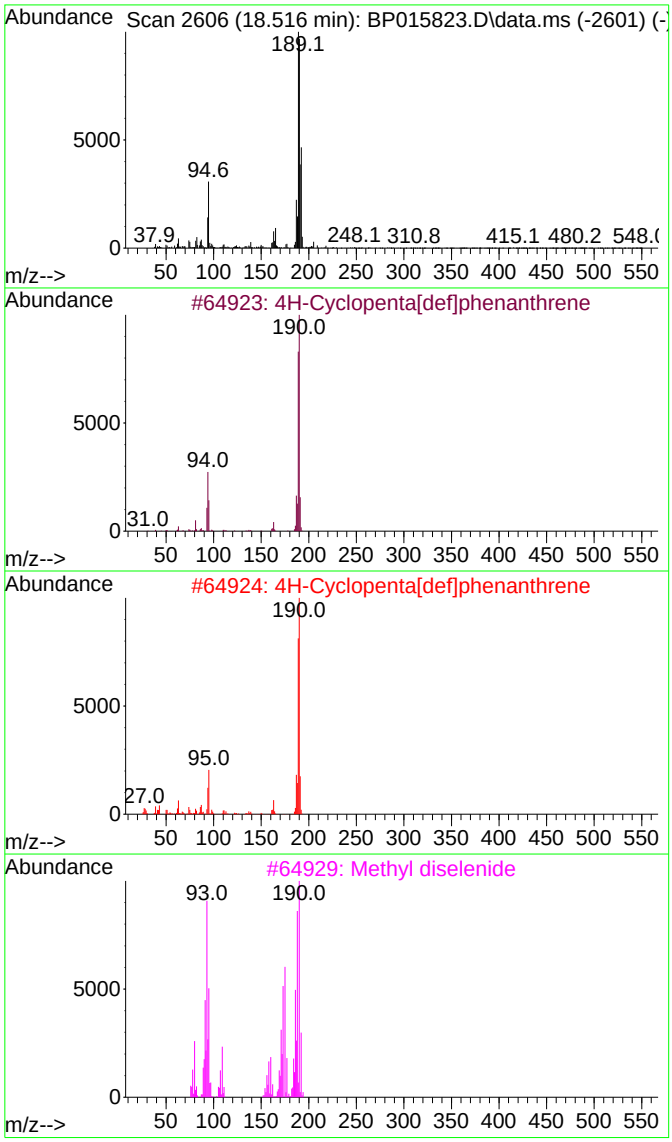
Quant Title : SVOA CALIBRATION

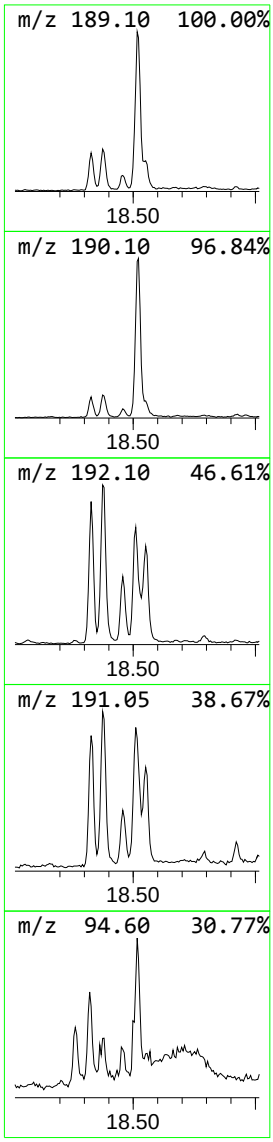
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 4H-Cyclopenta[def]phenanthrene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.516	3.58 ng/ul	662508	Phenanthrene-d10	17.463

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	58
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	55
3	Methyl diselenide	190	C2H6Se2	007101-31-7	38
4	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	38
5	2,4(1H,3H)-Pyrimidinedione, 5-br...	190	C4H3BrN2O2	000051-20-7	27





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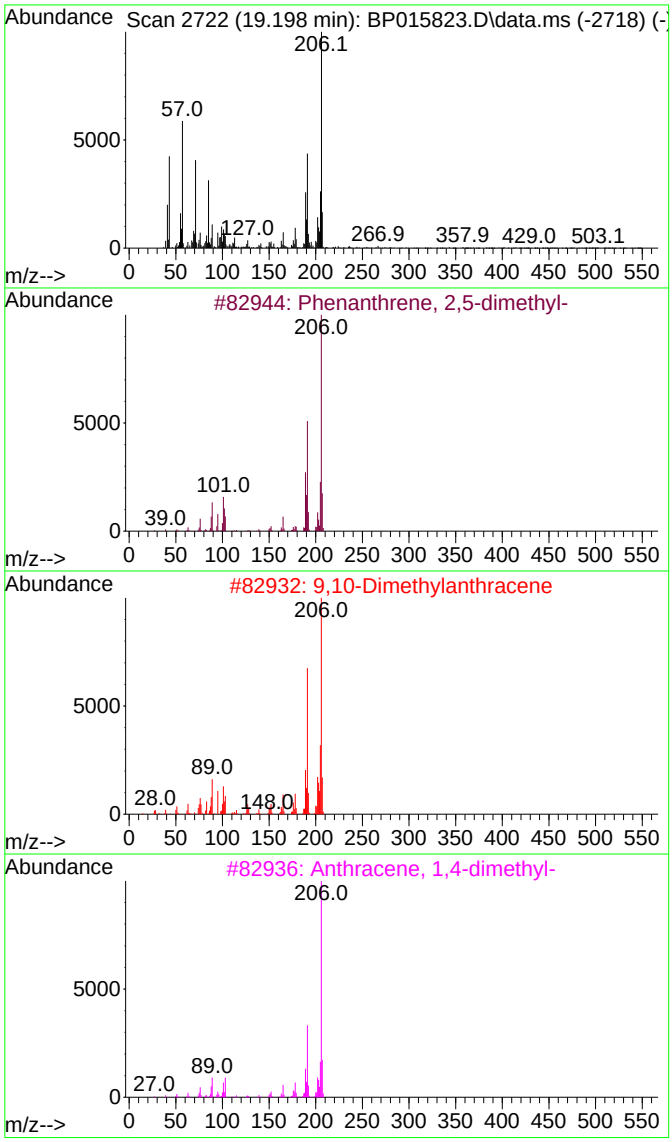
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

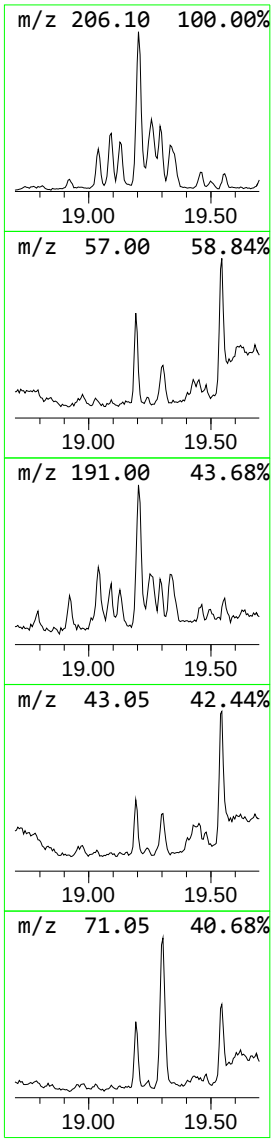
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Phenanthrene, 2,5-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.198	2.62 ng/ul	484600	Phenanthrene-d10	17.463

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	92
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
3	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	91
4	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	83
5	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	83





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Operator : MA/JU
Sample : 03161-14
Misc :
ALS Vial : 27 Sample Multiplier: 1

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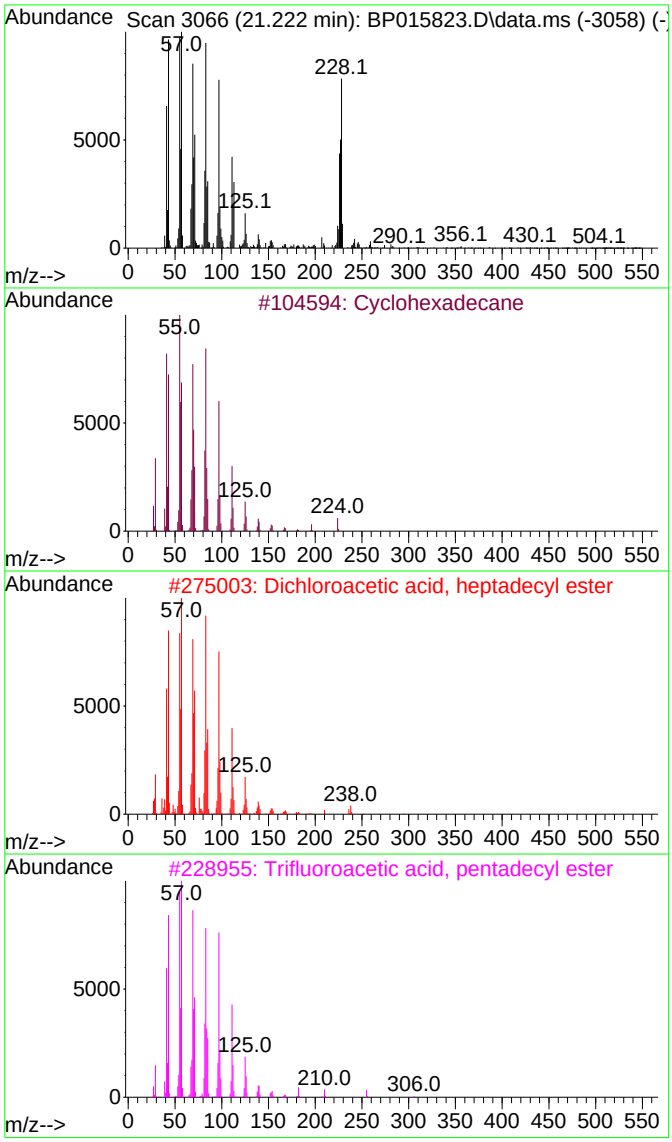
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

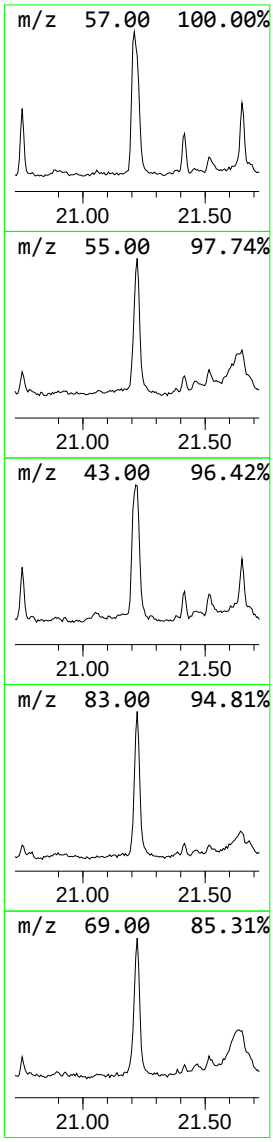
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 (DEL) Alkane: Cyclic21.222 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.222	6.81 ng/ul	2708060	Chrysene-d12	21.551

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	90
2	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	78
3	Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	78
4	n-Tetracosanol-1	354	C24H50O	000506-51-4	70
5	Behenic alcohol	326	C22H46O	000661-19-8	70





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Operator : MA/JU
Sample : 03161-14
Misc :
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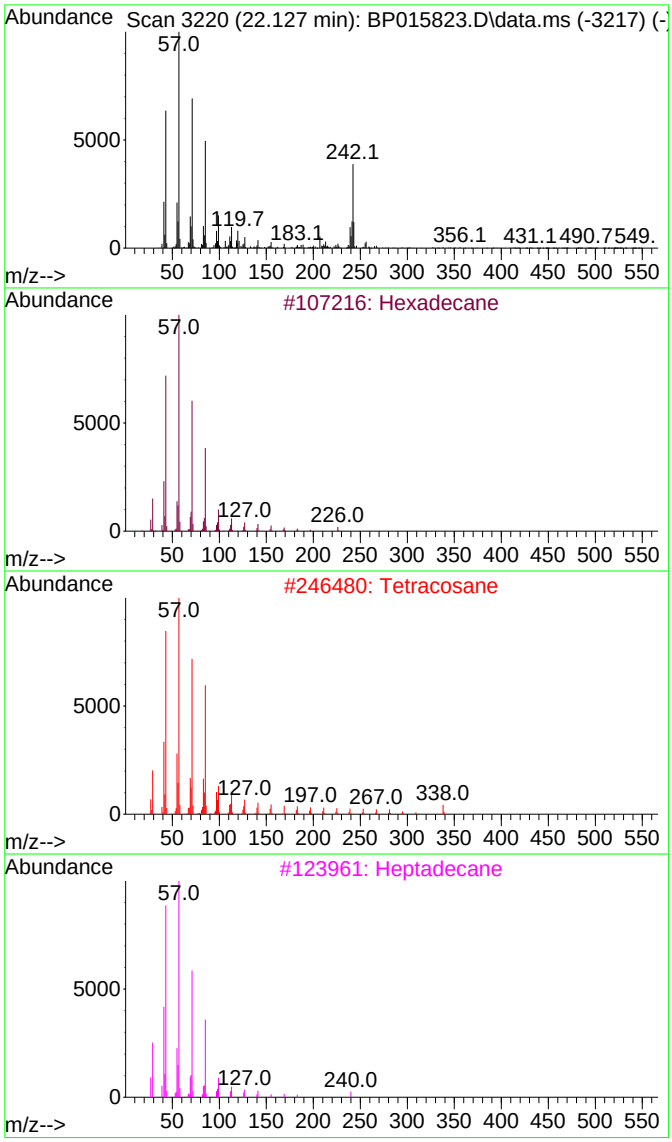
Quant Title : SVOA CALIBRATION

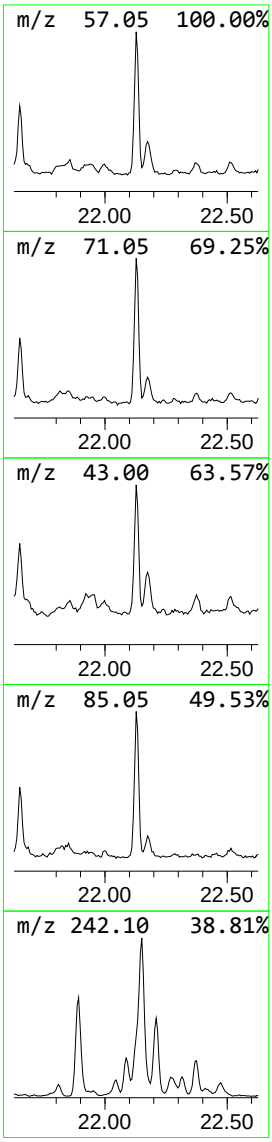
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.127	2.87 ng/ul	1139330	Chrysene-d12	21.551

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	95
2	Tetracosane	338	C24H50	000646-31-1	78
3	Heptadecane	240	C17H36	000629-78-7	64
4	Heptadecane	240	C17H36	000629-78-7	64
5	Tetracosane	338	C24H50	000646-31-1	60





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Operator : MA/JU
Sample : 03161-14
Misc :
ALS Vial : 27 Sample Multiplier: 1

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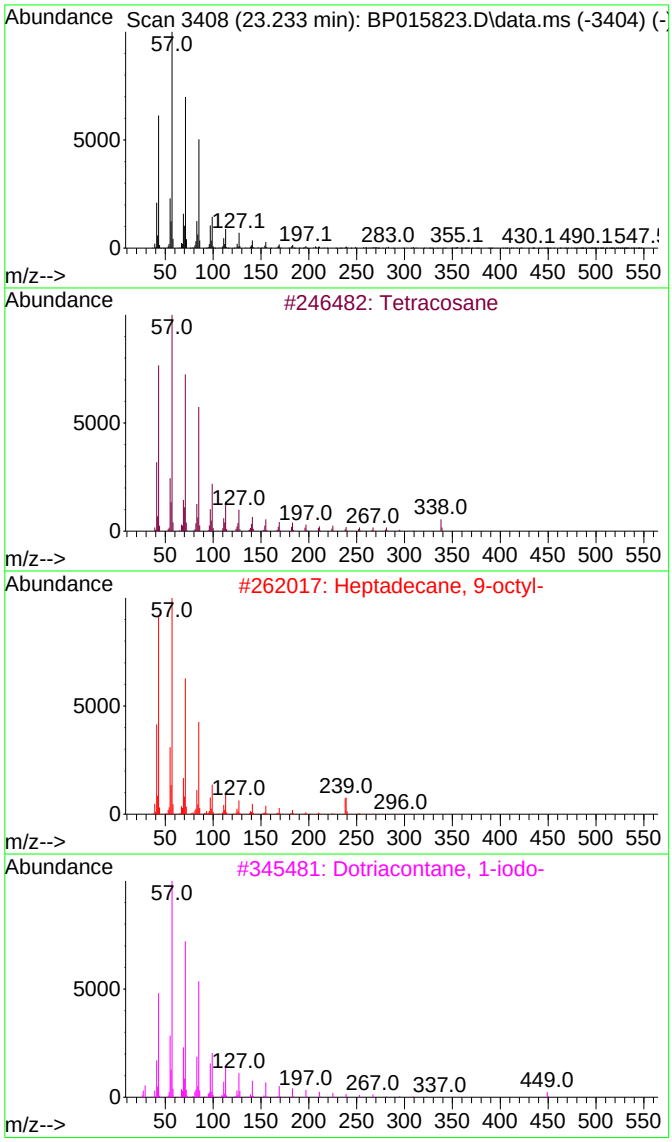
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

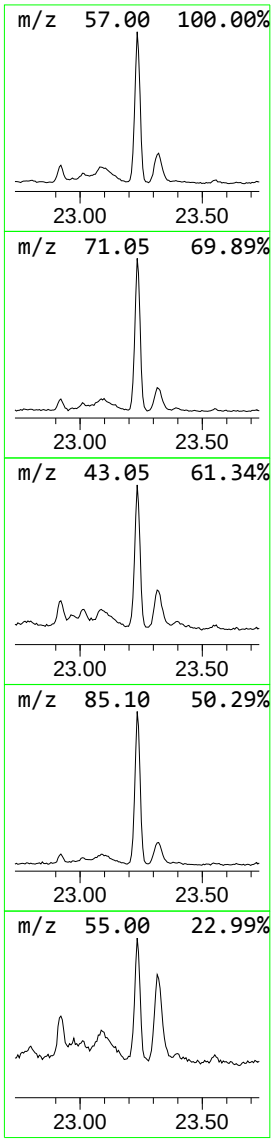
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.233	11.72 ng/ul	1832440	Perylene-d12	24.092

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	97
2	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	95
3	Dotriacontane, 1-iodo-	576	C32H65I	1000406-32-4	91
4	Octacosane	394	C28H58	000630-02-4	90
5	Nonadecane	268	C19H40	000629-92-5	86





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Acq On : 29 Jun 2023 22:36
Operator : MA/JU
Sample : 03161-14
Misc :
ALS Vial : 27 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

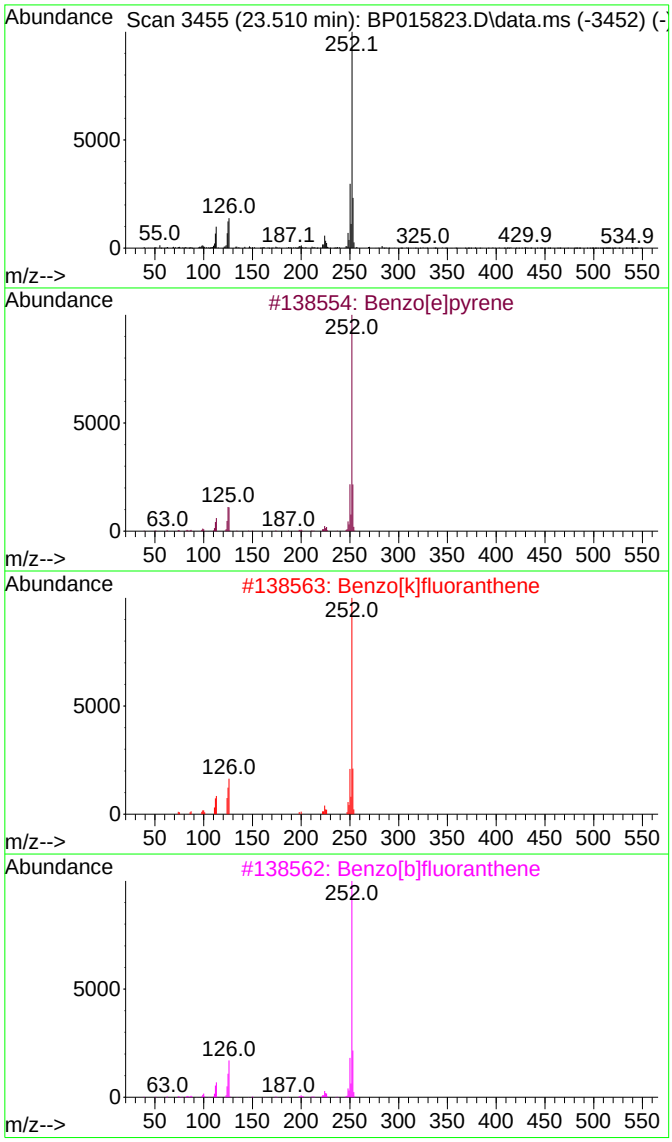
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

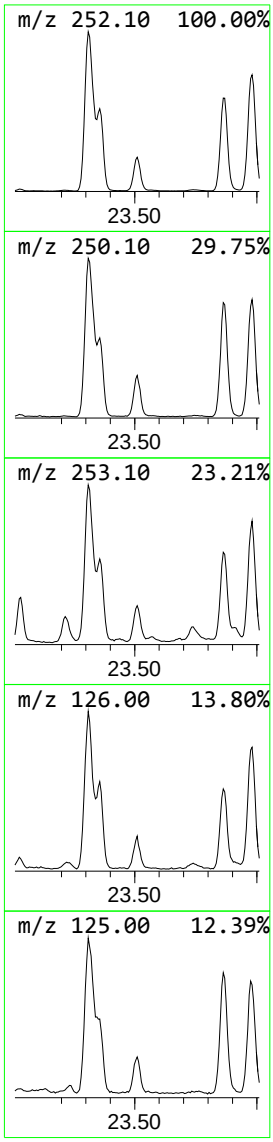
****

Peak Number 12 Benzo[e]pyrene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.510	4.94 ng/ul	772487	Perylene-d12	24.092

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	97
3	Benzo[b]fluoranthene	252	C20H12	000205-99-2	96
4	Benzo[a]pyrene	252	C20H12	000050-32-8	96
5	Benzo[b]fluoranthene	252	C20H12	000205-99-2	93





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Misc :
ALS Vial : 27 Sample Multiplier: 1

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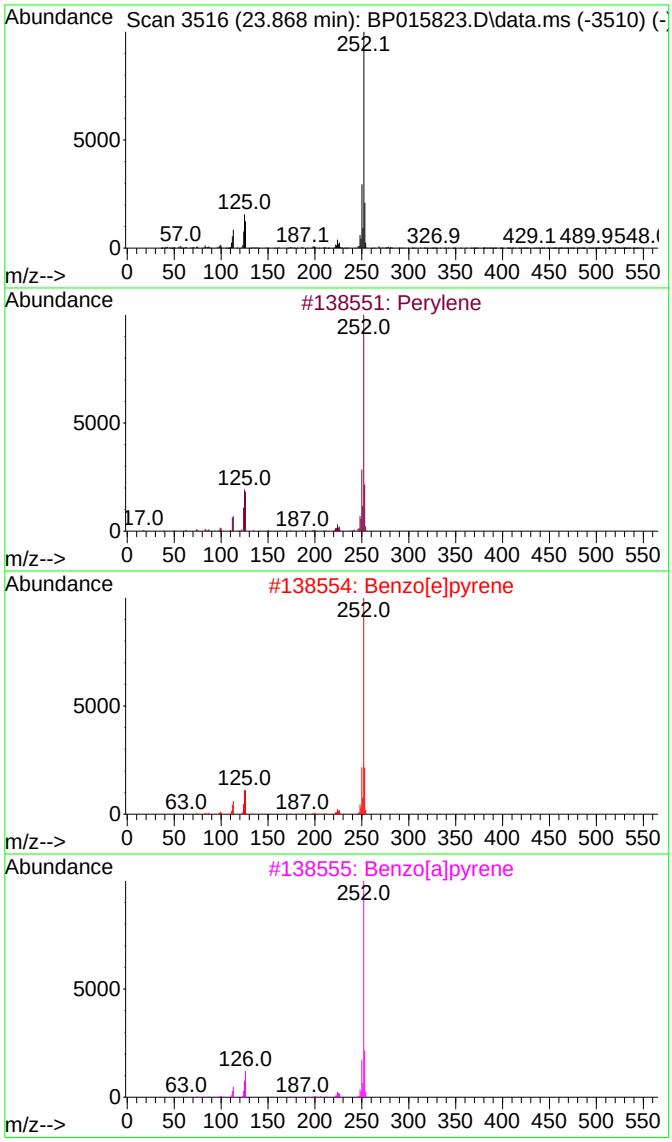
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

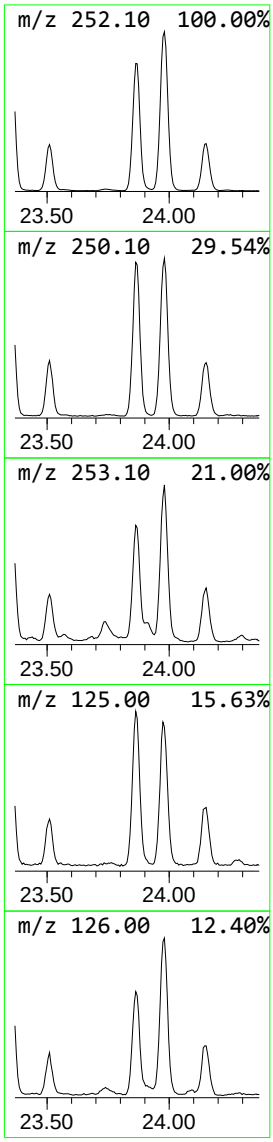
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Perylene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.869	19.15 ng/ul	2994710	Perylene-d12	24.092

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Perylene	252	C20H12	000198-55-0	99
2	Benzo[e]pyrene	252	C20H12	000192-97-2	99
3	Benzo[a]pyrene	252	C20H12	000050-32-8	98
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	96
5	Perylene	252	C20H12	000198-55-0	93





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Misc :
ALS Vial : 27 Sample Multiplier: 1

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ClientSampleId :
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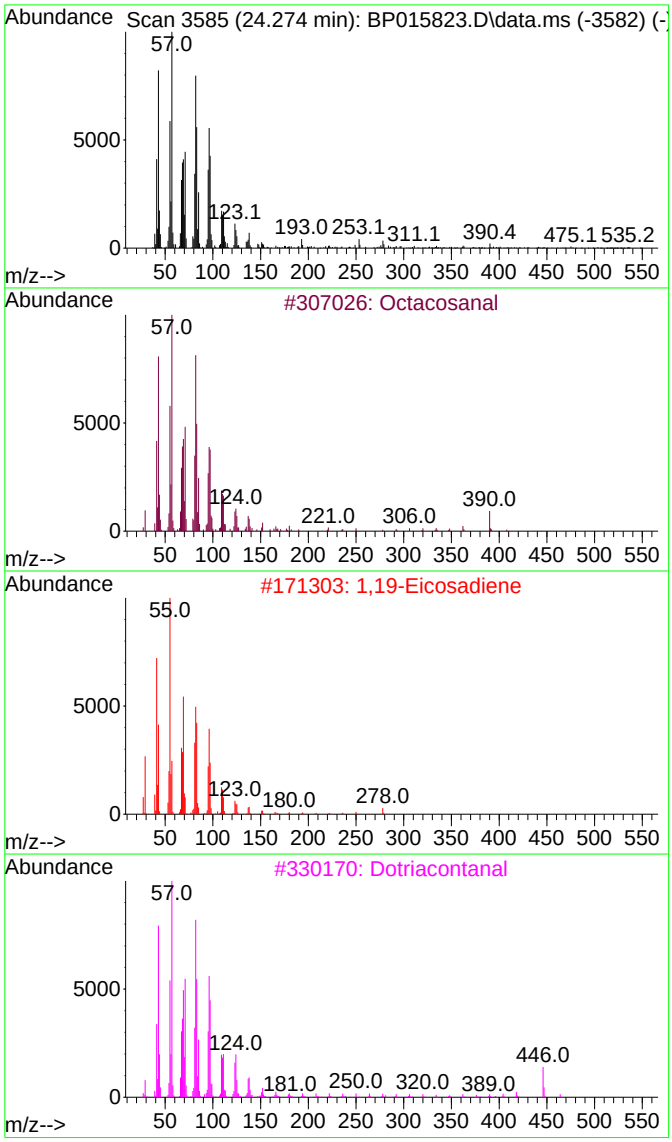
Quant Title : SVOA CALIBRATION

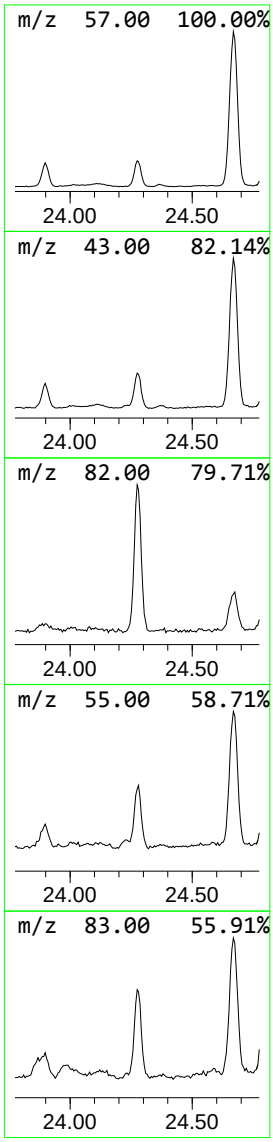
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Octacosanal Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.274	8.44 ng/ul	1320310	Perylene-d12	24.092

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosanal	408	C28H56O	022725-64-0	98
2	1,19-Eicosadiene	278	C20H38	014811-95-1	92
3	Dotriacontanal	464	C32H64O	057878-00-9	91
4	Hexacosanal	380	C26H52O	026627-85-0	90
5	Octadecanal	268	C18H36O	000638-66-4	90





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ALS Vial : 27 Sample Multiplier: 1

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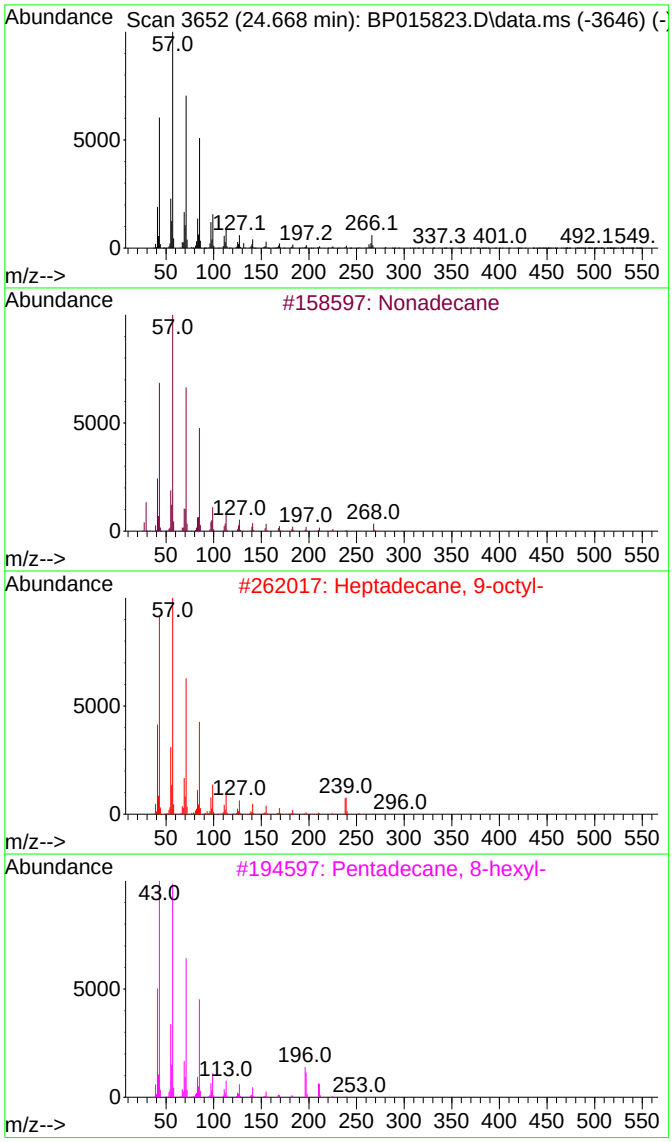
Quant Title : SVOA CALIBRATION

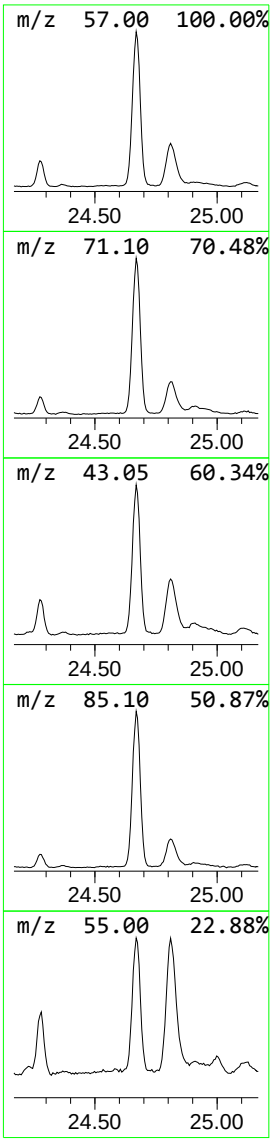
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.668	26.37 ng/ul	4122870	Perylene-d12	24.092

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	94
2	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	93
3	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	93
4	Eicosane, 10-methyl-	296	C21H44	054833-23-7	93
5	Octacosane	394	C28H58	000630-02-4	90





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ALS Vial : 27 Sample Multiplier: 1

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ClientSampleId :
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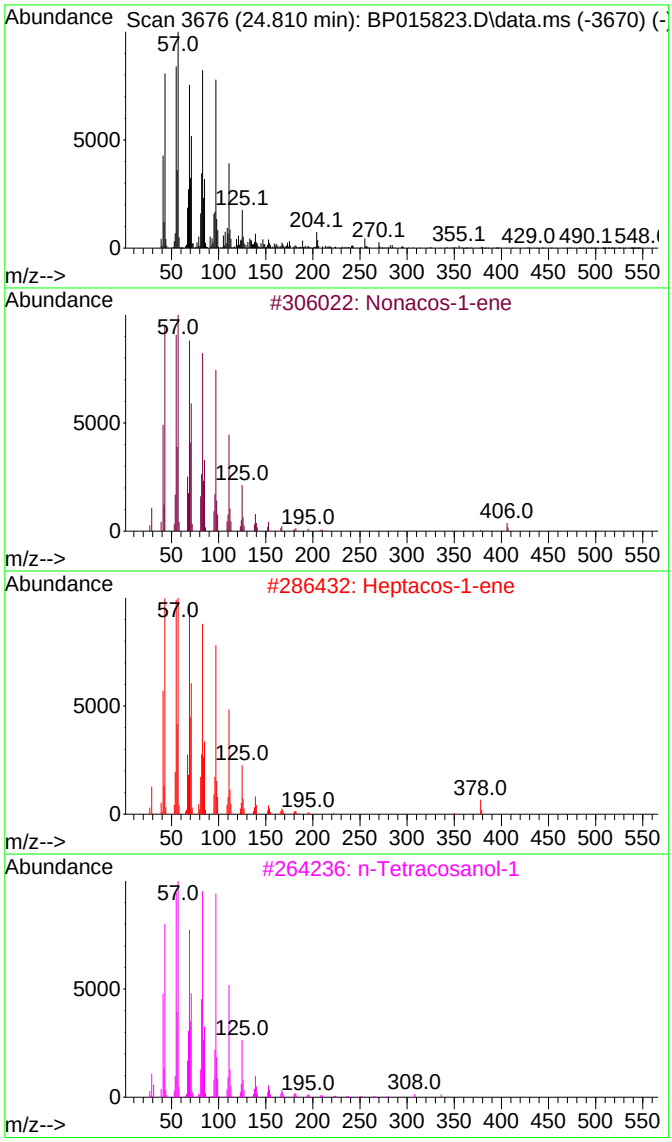
Quant Title : SVOA CALIBRATION

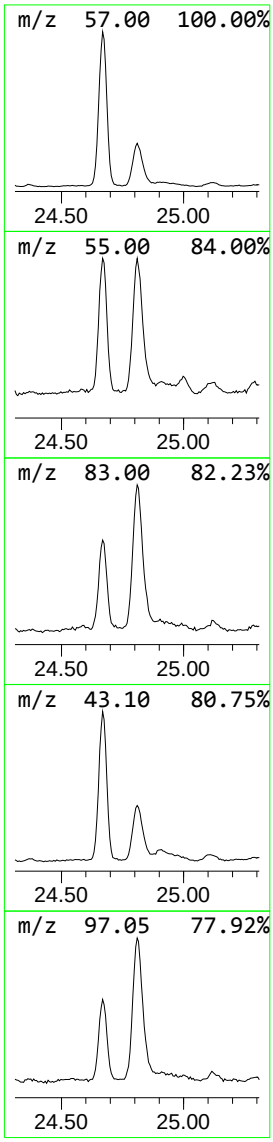
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.810	17.30 ng/ul	2704450	Perylene-d12	24.092

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonacos-1-ene	406	C29H58	018835-35-3	95
2	Heptacos-1-ene	378	C27H54	015306-27-1	94
3	n-Tetracosanol-1	354	C24H50O	000506-51-4	94
4	Behenic alcohol	326	C22H46O	000661-19-8	94
5	Pentacos-1-ene	350	C25H50	016980-85-1	93





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Sample : 03161-14
Misc :
ALS Vial : 27 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

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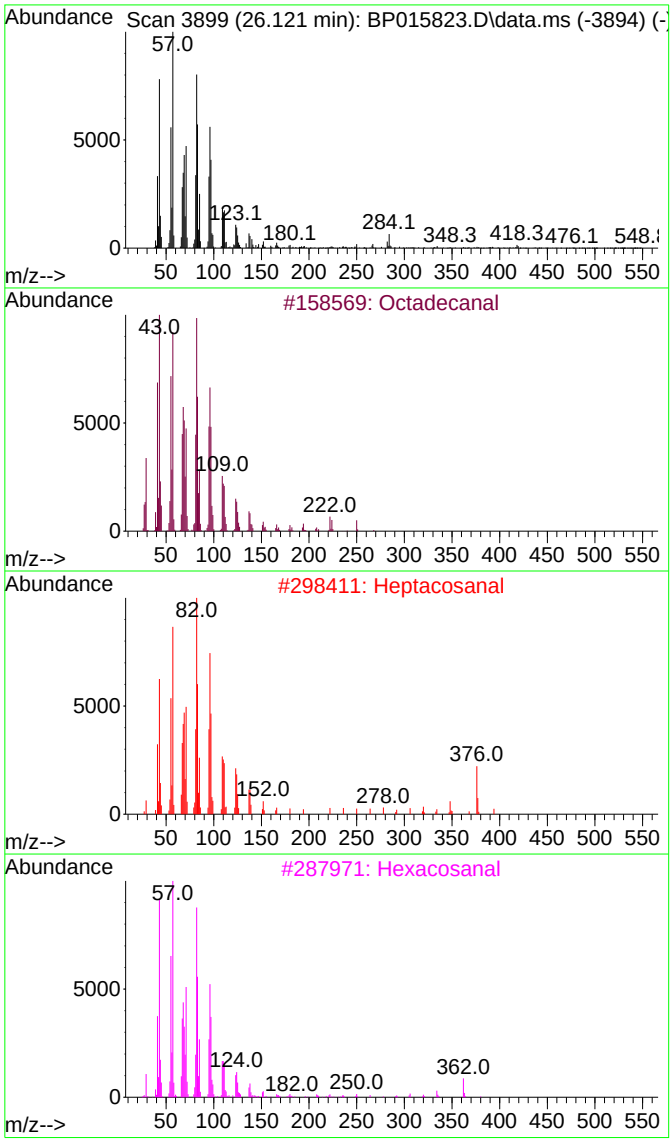
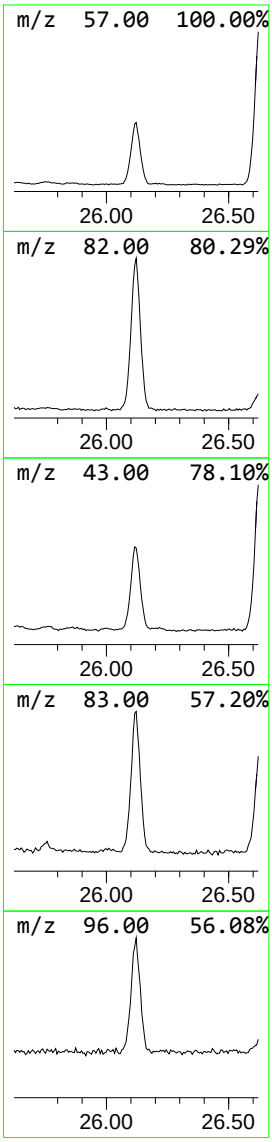
Peak Number 17 Octadecanal Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.121	17.77 ng/ul	2778140	Perylene-d12	24.092

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanal	268	C18H36O	000638-66-4	94
2	Heptacosanal	394	C27H54O	072934-03-3	91
3	Hexacosanal	380	C26H52O	026627-85-0	91
4	Dotriacontanal	464	C32H64O	057878-00-9	91
5	Octacosanal	408	C28H56O	022725-64-0	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062923\
Data File : BP015823.D
Acq On : 29 Jun 2023 22:36
Operator : MA/JU
Sample : 03161-14
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCFX0

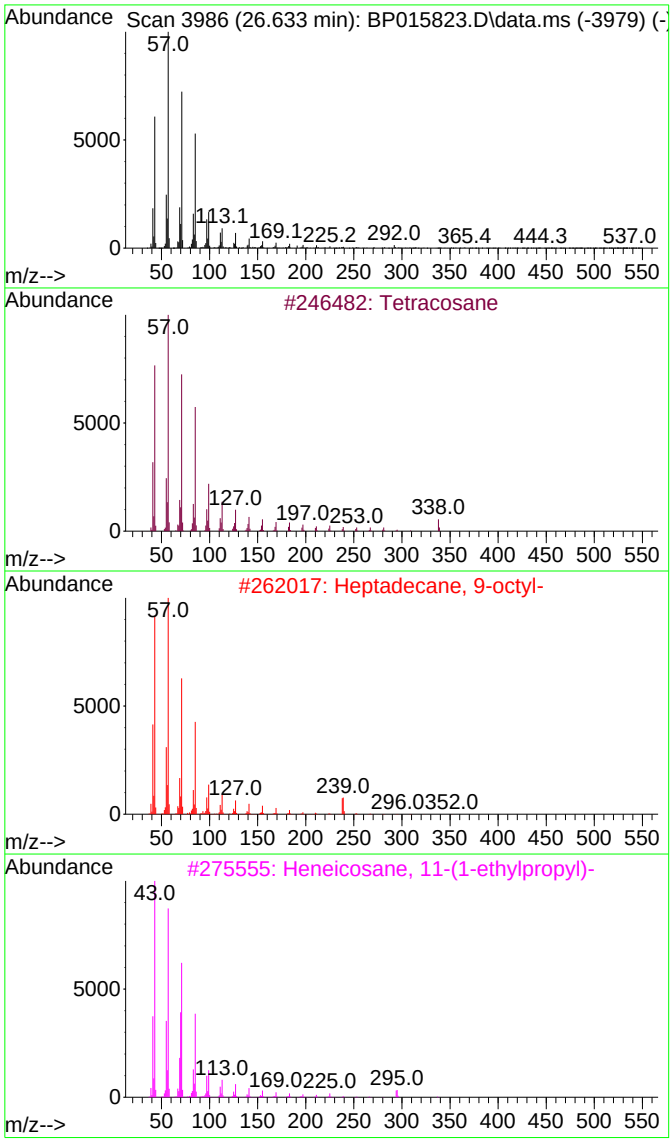
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

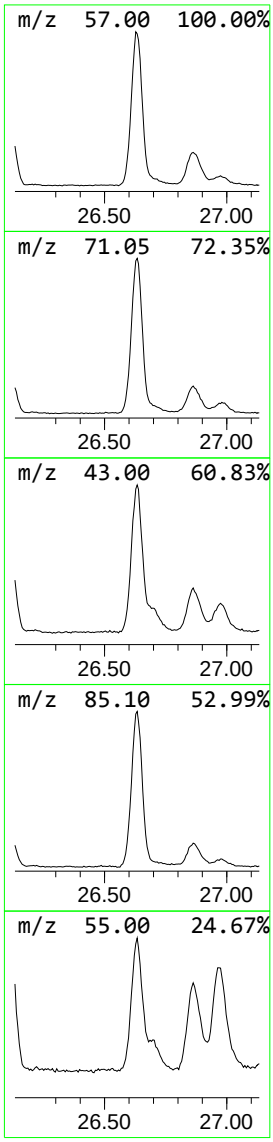
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.633	23.51 ng/ul	3676100	Perylene-d12	24.092

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	94
2	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	93
3	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	91
4	Octacosane	394	C28H58	000630-02-4	91
5	Hexacosane	366	C26H54	000630-01-3	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062923\
Data File : BP015823.D
Acq On : 29 Jun 2023 22:36
Operator : MA/JU
Sample : 03161-14
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCFX0

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
unknown-01	3.928	9.7	ng/ul	991571	1	8.058	2042340	20.0
Dibenzo furan	15.116	2.5	ng/ul	458067	3	14.704	3644260	20.0
Benzophenone	16.063	5.0	ng/ul	914570	3	14.704	3644260	20.0
Palmitoleic acid	18.263	4.4	ng/ul	807148	4	17.463	3699810	20.0
n-Hexadecanoic ...	18.322	19.4	ng/ul	3594510	4	17.463	3699810	20.0
1,4-Dibutyl ben...	18.386	3.6	ng/ul	675041	4	17.463	3699810	20.0
4H-Cyclopenta[d...	18.516	3.6	ng/ul	662508	4	17.463	3699810	20.0
Phenanthrene, 2...	19.198	2.6	ng/ul	484600	4	17.463	3699810	20.0
(DEL) Alkane: C...	21.222	6.8	ng/ul	2708060	5	21.551	7951680	20.0
(DEL) Alkane: S...	22.127	2.9	ng/ul	1139330	5	21.551	7951680	20.0
(DEL) Alkane: S...	23.233	11.7	ng/ul	1832440	6	24.092	3127080	20.0
Benzo[e]pyrene	23.510	4.9	ng/ul	772487	6	24.092	3127080	20.0
Perylene	23.869	19.1	ng/ul	2994710	6	24.092	3127080	20.0
Octacosanal	24.274	8.4	ng/ul	1320310	6	24.092	3127080	20.0
(DEL) Alkane: S...	24.668	26.4	ng/ul	4122870	6	24.092	3127080	20.0
(DEL) Alkane: S...	24.810	17.3	ng/ul	2704450	6	24.092	3127080	20.0
Octadecanal	26.121	17.8	ng/ul	2778140	6	24.092	3127080	20.0
(DEL) Alkane: S...	26.633	23.5	ng/ul	3676100	6	24.092	3127080	20.0