LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062023\
Data File : BP015621.D
Acq On : 20 Jun 2023 14:47
Operator : MA/JU
Sample : 03080-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : DCFH2

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-BP060723.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BP015621.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.405	34	37	44	rVB	12672	20137	0.46%	0.037%
2	3.852	111	113	123	rBV	108480	169888	3.84%	0.309%
3	3.952	127	130	138	rVV	30834	45096	1.02%	0.082%
4	6.305	523	530	539	rBV5	7892	20753	0.47%	0.038%
5	7.246	681	690	703	rBV	221541	411773	9.32%	0.748%
6	7.411	712	718	731	rVB	176794	300903	6.81%	0.546%
7	7.611	746	752	761	rBV	242260	416716	9.43%	0.757%
8	8.087	827	833	840	rVV	345074	558916	12.64%	1.015%
9	8.805	949	955	971	rVV	257159	478824	10.83%	0.870%
10	8.922	971	975	985	rVV2	18941	41197	0.93%	0.075%
11	9.263	1025	1033	1047	rBV	242999	433759	9.81%	0.788%
12	9.993	1147	1157	1168	rBV	209398	381472	8.63%	0.693%
13	10.540	1243	1250	1272	rBV	256127	546491	12.36%	0.992%
14	10.910	1307	1313	1320	rVV	512891	872008	19.73%	1.584%
15	10.963	1320	1322	1332	rVB4	14844	24400	0.55%	0.044%
16	11.063	1332	1339	1356	rBV	138815	335352	7.59%	0.609%
17	12.569	1590	1595	1600	rVB3	11321	19027	0.43%	0.035%
18	12.781	1626	1631	1638	rVB	14276	23179	0.52%	0.042%
19	13.610	1767	1772	1779	rVB6	18669	32514	0.74%	0.059%
20	13.710	1783	1789	1793	rVB	17006	24121	0.55%	0.044%
21	13.893	1813	1820	1830	rBV6	13041	37325	0.84%	0.068%
22	14.051	1841	1847	1852	rBV2	42333	76584	1.73%	0.139%
23	14.134	1852	1861	1867	rVV	617588	872668	19.74%	1.585%
24	14.187	1867	1870	1876	rVB5	17810	26058	0.59%	0.047%
25	14.428	1904	1911	1925	rBV2	693461	1233782	27.91%	2.240%
26	14.598	1937	1940	1948	rVB4	11401	19691	0.45%	0.036%
27	14.681	1949	1954	1956	rBV3	14534	22663	0.51%	0.041%
28	14.728	1956	1962	1968	rVV	831908	1228986	27.80%	2.232%
29	14.793	1968	1973	1979	rVB	45498	77777	1.76%	0.141%
30	14.963	1993	2002	2014	rBV	115791	321895	7.28%	0.585%
31	15.128	2025	2030	2038	rVV3	38264	65569	1.48%	0.119%
32	15.198	2040	2042	2050	rVB8	13062	21359	0.48%	0.039%
33	15.345	2062	2067	2071	rBV4	11721	22212	0.50%	0.040%
34	15.510	2089	2095	2098	rBV5	18240	34709	0.79%	0.063%
35	15.551	2098	2102	2107	rVB3	21132	30202	0.68%	0.055%
36	15.722	2125	2131	2137	rBV	924959	1308947	29.61%	2.377%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062023\
Data File : BP015621.D
Acq On : 20 Jun 2023 14:47
Operator : MA/JU
Sample : 03080-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCFH2

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-BP060723.MA.M
Title : SVOA CALIBRATION

37	15.775	2137	2140	2149	rVB3	50449	85081	1.92%	0.155%
38	15.857	2149	2154	2164	rBV	186022	311110	7.04%	0.565%
39	16.087	2186	2193	2205	rBV2	101628	181960	4.12%	0.330%
40	16.216	2212	2215	2224	rVB	22965	40122	0.91%	0.073%
41	16.440	2245	2253	2264	rBV7	46079	147872	3.35%	0.269%
42	16.581	2272	2277	2283	rBV10	15820	33479	0.76%	0.061%
43	16.863	2322	2325	2331	rVB5	20652	31272	0.71%	0.057%
44	17.016	2347	2351	2355	rBV5	15687	26068	0.59%	0.047%
45	17.145	2368	2373	2380	rVB	60820	91005	2.06%	0.165%
46	17.210	2381	2384	2390	rVV2	39012	57088	1.29%	0.104%
47	17.304	2396	2400	2405	rVB	41381	63200	1.43%	0.115%
48	17.363	2405	2410	2417	rBV	53432	90065	2.04%	0.164%
49	17.428	2417	2421	2425	rBV2	41105	51821	1.17%	0.094%
50	17.486	2425	2431	2435	rBV	1169609	1679080	37.99%	3.049%
51	17.528	2435	2438	2443	rVV	712868	1014382	22.95%	1.842%
52	17.587	2443	2448	2452	rVV	1044298	1480127	33.49%	2.688%
53	17.622	2452	2454	2459	rVB	201293	244415	5.53%	0.444%
54	17.892	2493	2500	2507	rBV2	81752	178010	4.03%	0.323%
55	17.951	2507	2510	2515	rVV2	29520	41167	0.93%	0.075%
56	17.998	2515	2518	2521	rVB2	23552	28410	0.64%	0.052%
57	18.063	2526	2529	2532	rBV2	32747	52505	1.19%	0.095%
58	18.128	2537	2540	2543	rVB4	23388	23706	0.54%	0.043%
59	18.181	2543	2549	2553	rBV	162603	238637	5.40%	0.433%
60	18.234	2555	2558	2562	rVB2	35178	38864	0.88%	0.071%
61	18.286	2563	2567	2572	rBV2	154362	201341	4.55%	0.366%
62	18.345	2572	2577	2582	rVV	1273527	1609976	36.42%	2.924%
63	18.392	2582	2585	2592	rVV2	203280	375999	8.51%	0.683%
64	18.469	2595	2598	2603	rVV	64165	87512	1.98%	0.159%
65	18.534	2604	2609	2613	rVV3	166119	326979	7.40%	0.594%
66	18.569	2613	2615	2619	rVB	95848	107851	2.44%	0.196%
67	18.622	2620	2624	2631	rBV5	52821	125657	2.84%	0.228%
68	18.822	2654	2658	2662	rBV	111667	158151	3.58%	0.287%
69	18.875	2663	2667	2672	rVV2	118207	158533	3.59%	0.288%
70	19.222	2722	2726	2731	rBV	139557	210532	4.76%	0.382%
71	19.375	2748	2752	2757	rVB2	122550	191966	4.34%	0.349%
72	19.428	2758	2761	2763	rBV	97563	113924	2.58%	0.207%
73	19.486	2763	2771	2777	rVB	2020447	2739339	61.97%	4.974%
74	19.569	2781	2785	2791	rVV2	417860	537963	12.17%	0.977%
75	19.810	2821	2826	2829	rBV	1686835	2461844	55.69%	4.471%
76	19.839	2829	2831	2838	rVB	1639288	1784794	40.38%	3.241%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062023\
Data File : BP015621.D
Acq On : 20 Jun 2023 14:47
Operator : MA/JU
Sample : 03080-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCFH2

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-BP060723.MA.M
Title : SVOA CALIBRATION

77	19.904	2838	2842	2852	rBV	119563	246929	5.59%	0.448%
78	20.145	2880	2883	2885	rBV3	92124	126728	2.87%	0.230%
79	20.298	2902	2909	2910	rBV5	201612	365732	8.27%	0.664%
80	20.416	2926	2929	2932	rBV2	81927	88284	2.00%	0.160%
81	20.610	2959	2962	2966	rBV2	181144	264649	5.99%	0.481%
82	21.051	3033	3037	3041	rBV	290428	395944	8.96%	0.719%
83	21.210	3061	3064	3067	rBV2	213756	302557	6.84%	0.549%
84	21.245	3067	3070	3075	rVB	585985	801929	18.14%	1.456%
85	21.345	3084	3087	3092	rVB	243634	313986	7.10%	0.570%
86	21.445	3101	3104	3109	rVB2	292684	360266	8.15%	0.654%
87	21.569	3118	3125	3129	rBV2	1871520	3843353	86.95%	6.979%
88	21.610	3129	3132	3142	rVB	978254	1391294	31.48%	2.527%
89	22.169	3224	3227	3231	rVB2	424068	516468	11.68%	0.938%
90	22.963	3359	3362	3369	rVB2	342704	506494	11.46%	0.920%
91	23.280	3412	3416	3421	rBV	527135	811994	18.37%	1.475%
92	23.357	3421	3429	3440	rVB2	1305189	4420250	100.00%	8.027%
93	23.898	3517	3521	3525	rBV	348940	587986	13.30%	1.068%
94	23.957	3526	3531	3536	rVV2	1026293	1987617	44.97%	3.609%
95	24.010	3536	3540	3547	rVB	645693	1176785	26.62%	2.137%
96	24.121	3553	3559	3565	rBV	906698	1810998	40.97%	3.289%
97	24.333	3591	3595	3603	rVB2	412828	779662	17.64%	1.416%
98	24.733	3658	3663	3675	rVB	832560	1893236	42.83%	3.438%
99	24.868	3680	3686	3701	rVB2	662470	2022025	45.74%	3.672%
100	26.192	3906	3911	3924	rVB2	765172	2073994	46.92%	3.766%

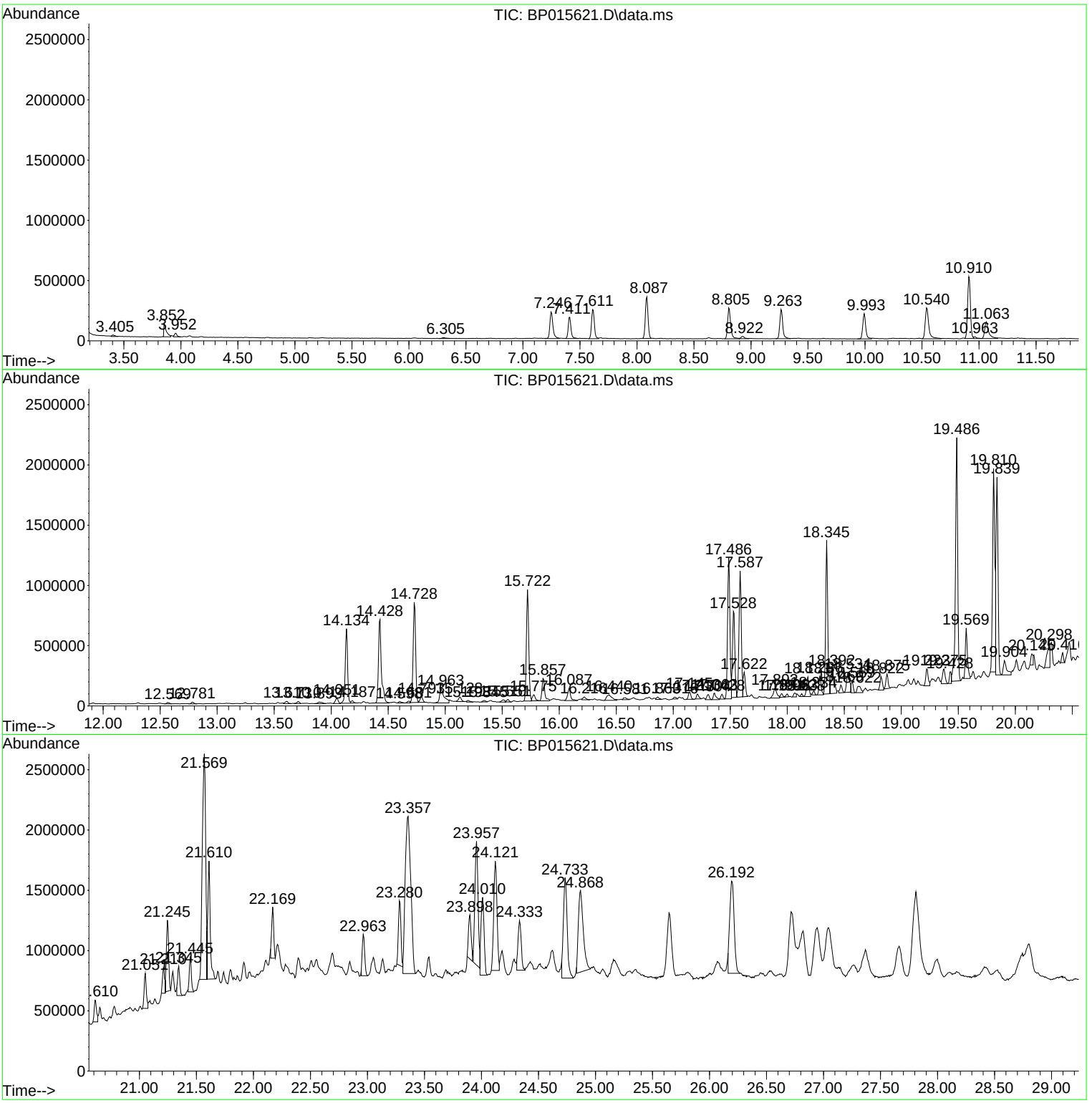
Sum of corrected areas: 55067920

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062023\
Data File : BP015621.D
Acq On : 20 Jun 2023 14:47
Operator : MA/JU
Sample : 03080-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCFH2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP060723.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\BP062023\
Data File : BP015621.D
Acq On : 20 Jun 2023 14:47
Operator : MA/JU
Sample : 03080-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCFH2

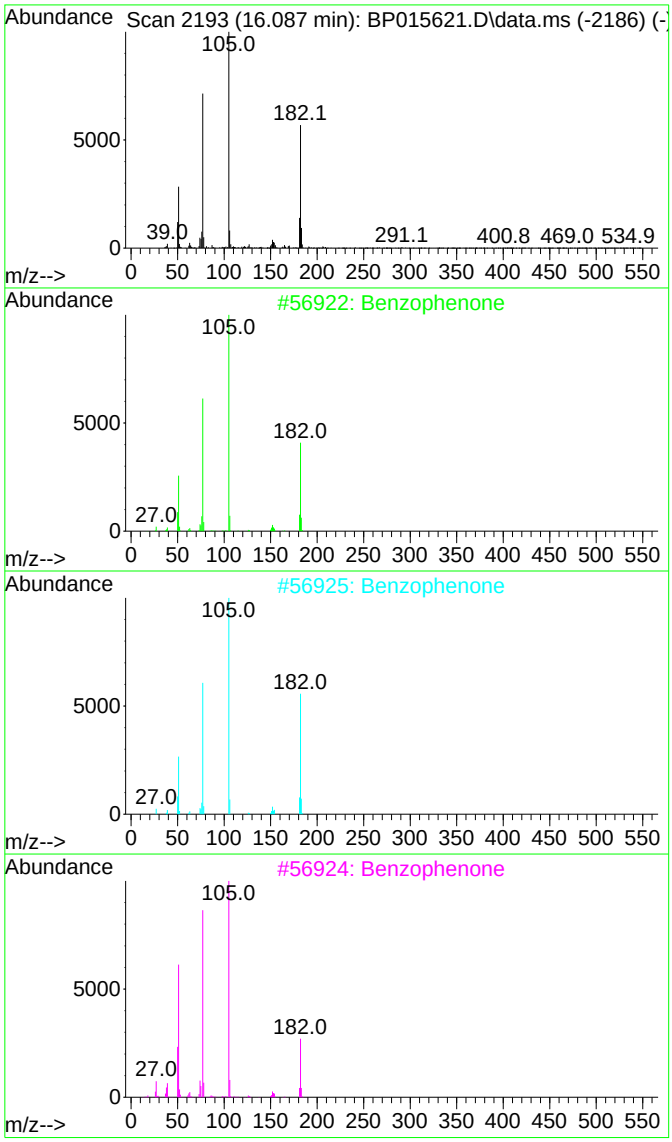
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP060723.MA.M
Quant Title : SVOA CALIBRATION

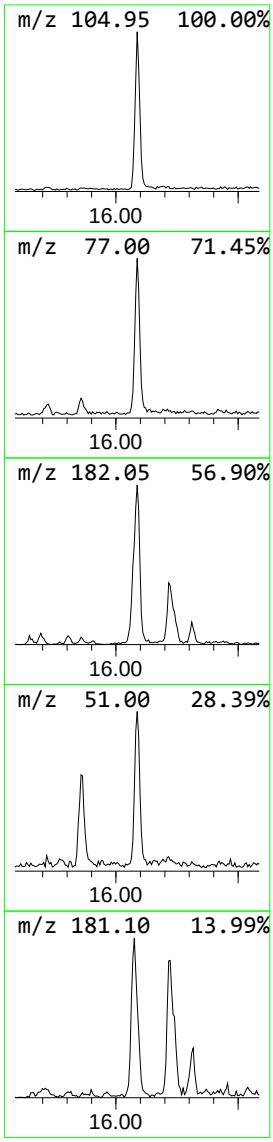
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Benzophenone Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.087	2.96 ng/ul	181960	Acenaphthene-d10	14.728

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	95
5	Benzophenone	182	C13H10O	000119-61-9	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062023\
Data File : BP015621.D
Acq On : 20 Jun 2023 14:47
Operator : MA/JU
Sample : 03080-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCFH2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP060723.MA.M
Quant Title : SVOA CALIBRATION

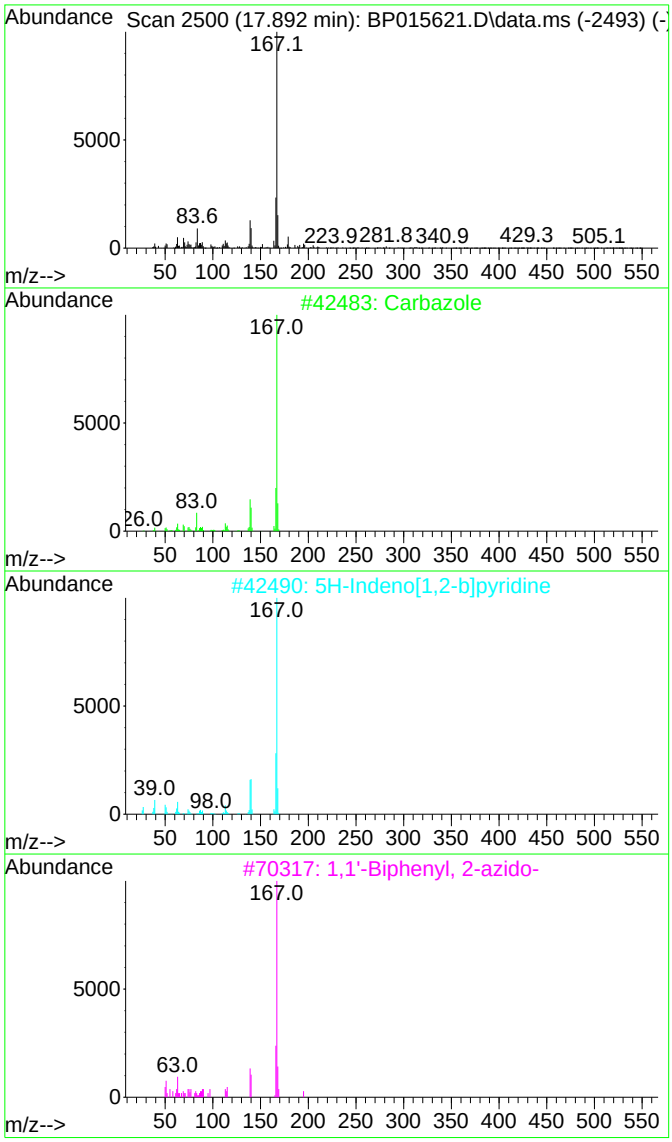
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

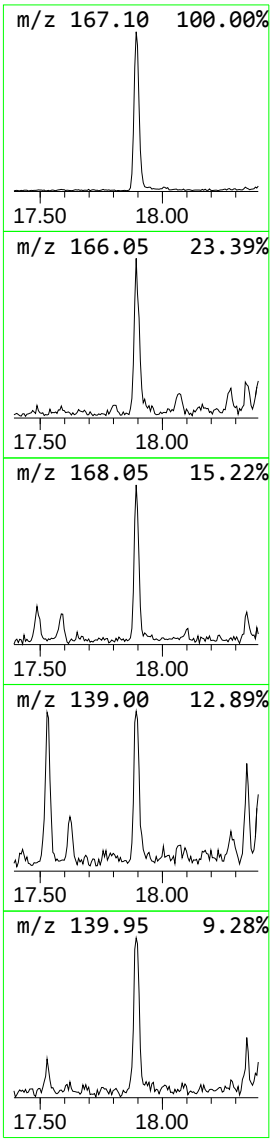
****

Peak Number 2 Carba zole Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.892	2.12 ng/ul	178010	Phenanthrene-d10	17.486

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Carbazole	167	C12H9N	000086-74-8	93
2	5H-Indeno[1,2-b]pyridine	167	C12H9N	000244-99-5	90
3	1,1'-Biphenyl, 2-azido-	195	C12H9N3	007599-23-7	87
4	9H-Carbazole, 9-nitroso-	196	C12H8N2O	002788-23-0	86
5	Carbazole	167	C12H9N	000086-74-8	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062023\
Data File : BP015621.D
Acq On : 20 Jun 2023 14:47
Operator : MA/JU
Sample : 03080-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCFH2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP060723.MA.M
Quant Title : SVOA CALIBRATION

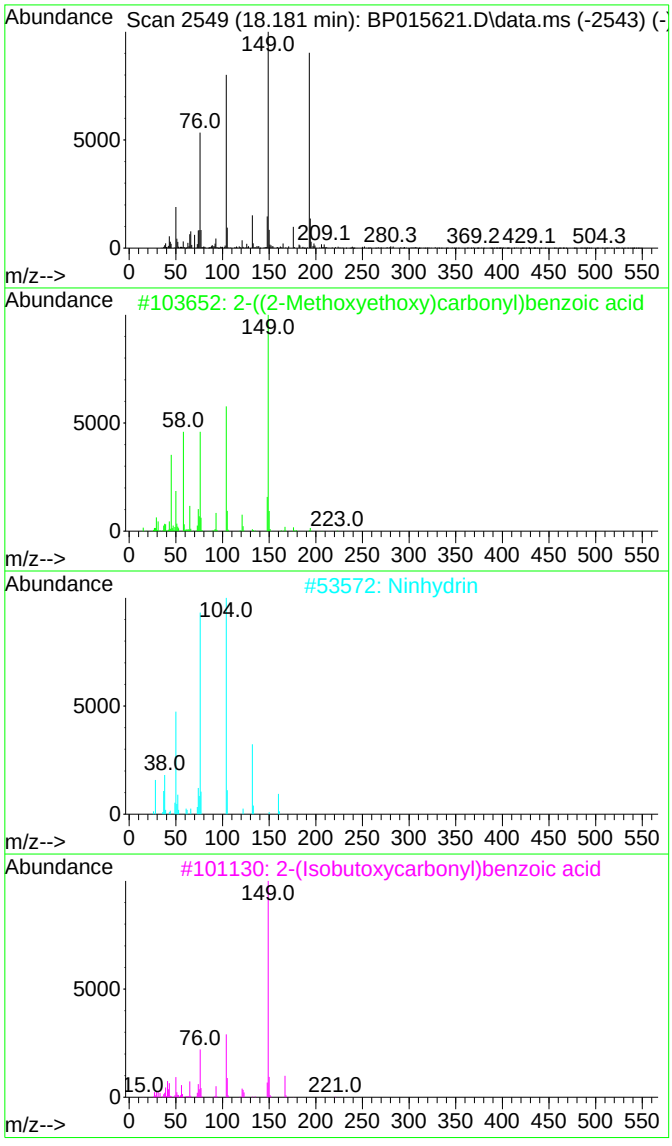
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

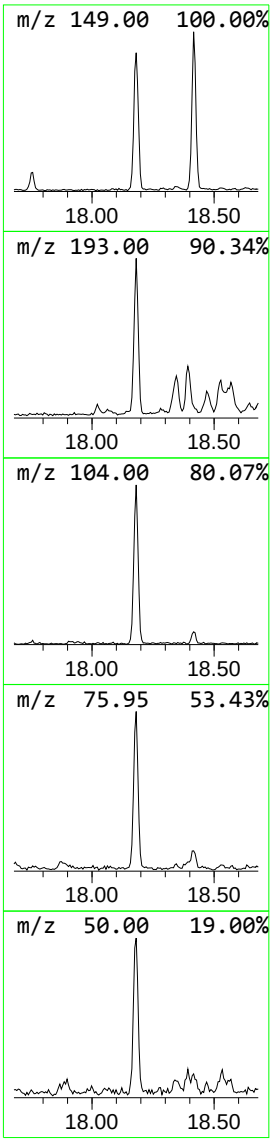
****

Peak Number 3 unknown-01 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.181	2.84 ng/ul	238637	Phenanthrene-d10	17.486

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-((2-Methoxyethoxy)carbonyl)ben...	224	C11H12O5	016501-01-2	43
2	Ninhydrin	178	C9H6O4	000485-47-2	27
3	2-(Isobutoxycarbonyl)benzoic acid	222	C12H14O4	030833-53-5	22
4	3-Methyl-2-oxo-2,3-dihydro-1,3-b...	193	C9H7NO4	154780-52-6	22
5	Phthalic anhydride	148	C8H4O3	000085-44-9	16





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062023\
Data File : BP015621.D
Acq On : 20 Jun 2023 14:47
Operator : MA/JU
Sample : 03080-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCFH2

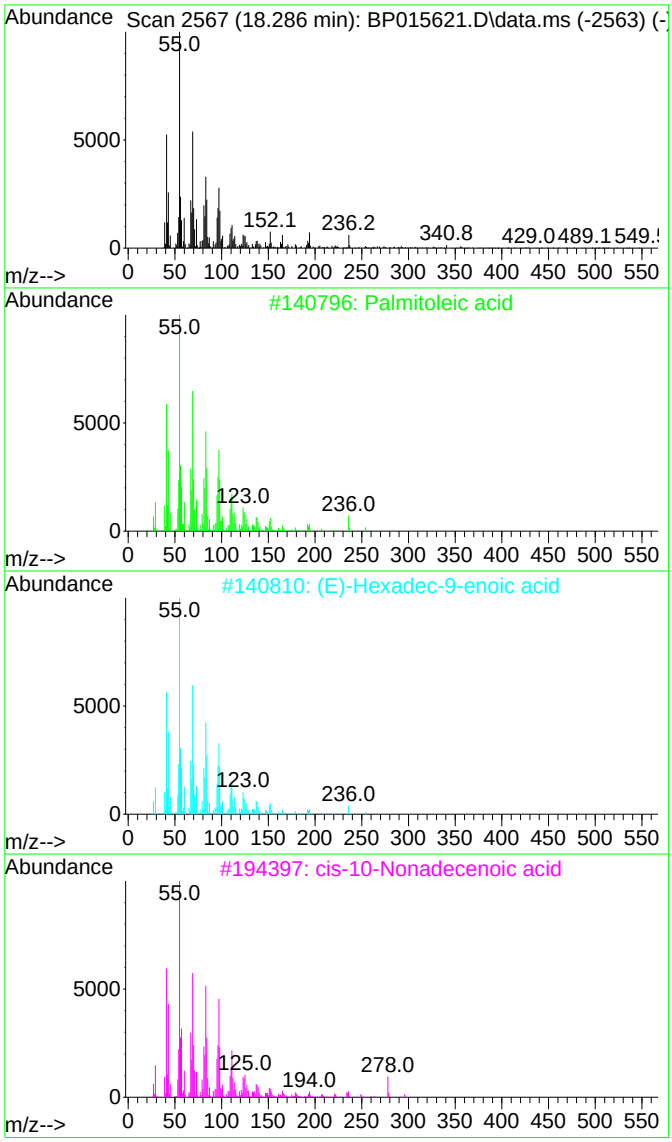
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP060723.MA.M
Quant Title : SVOA CALIBRATION

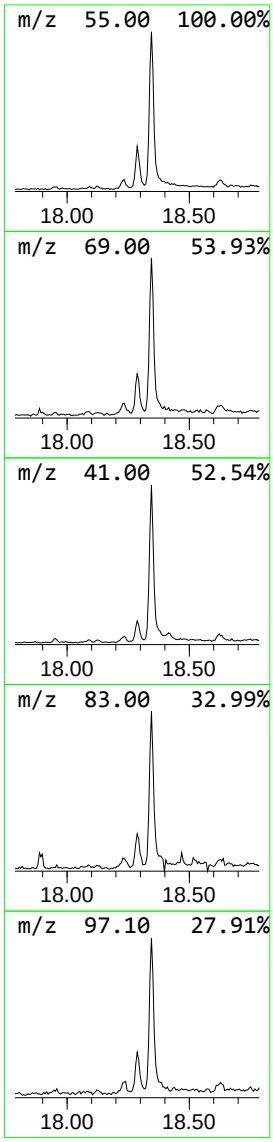
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Palmitoleic acid Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.287	2.40 ng/ul	201341	Phenanthrene-d10	17.486

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Palmitoleic acid	254	C16H30O2	000373-49-9	99
2	(E)-Hexadec-9-enoic acid	254	C16H30O2	010030-73-6	99
3	cis-10-Nonadecenoic acid	296	C19H36O2	073033-09-7	99
4	cis-7-Hexadecenoic acid	254	C16H30O2	002416-19-5	95
5	cis-11-Eicosenoic acid	310	C20H38O2	005561-99-9	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062023\
Data File : BP015621.D
Acq On : 20 Jun 2023 14:47
Operator : MA/JU
Sample : 03080-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCFH2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP060723.MA.M
Quant Title : SVOA CALIBRATION

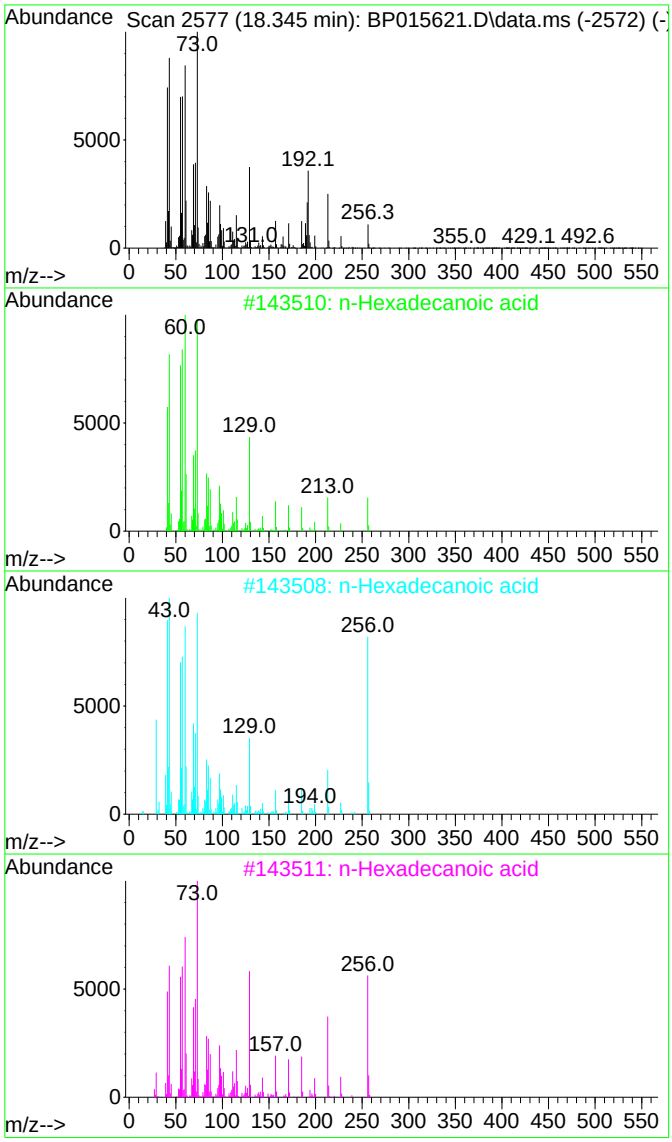
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

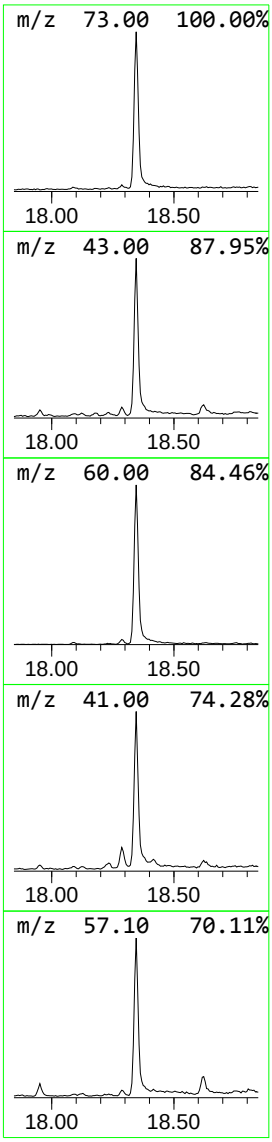
****

Peak Number 5 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.345	19.18 ng/ul	1609980	Phenanthrene-d10	17.486

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	Pentadecanoic acid	242	C15H30O2	001002-84-2	94





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Acq On : 20 Jun 2023 14:47
Operator : MA/JU
Sample : 03080-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCFH2

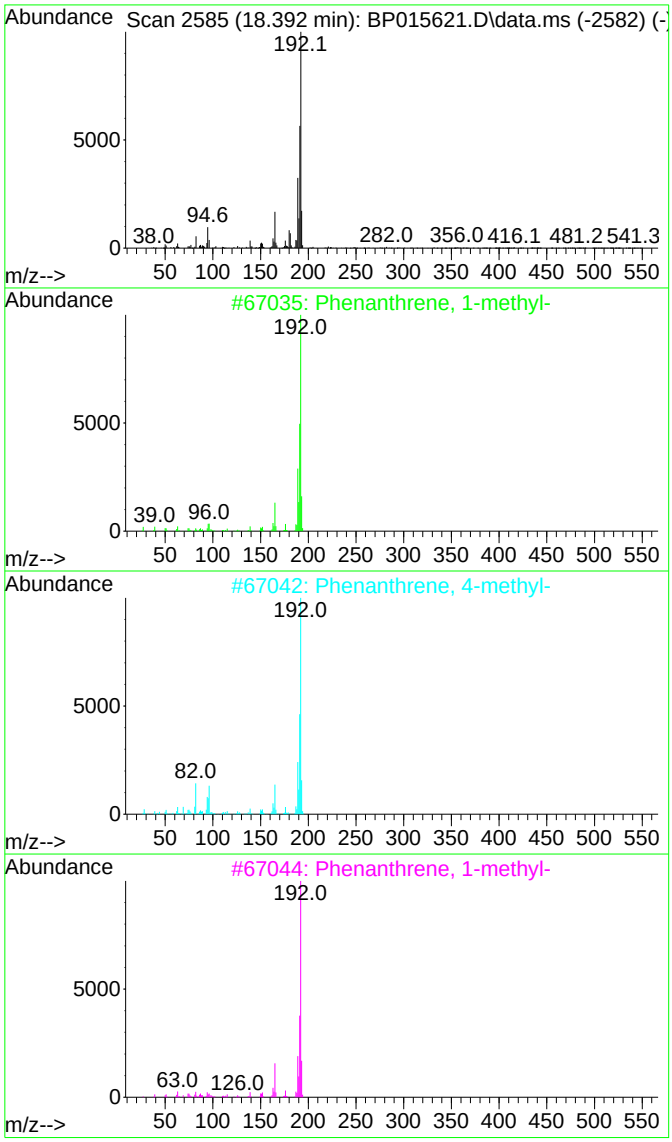
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP060723.MA.M
Quant Title : SVOA CALIBRATION

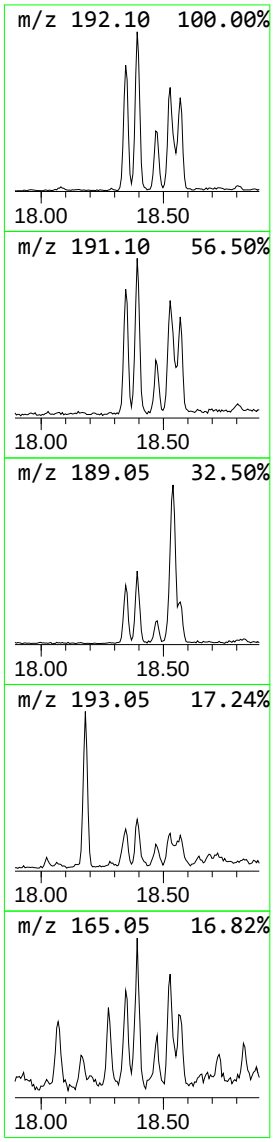
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Phenanthrene, 1-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.392	4.48 ng/ul	375999	Phenanthrene-d10	17.486

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	95
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	94
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94





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Operator : MA/JU
Sample : 03080-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCFH2

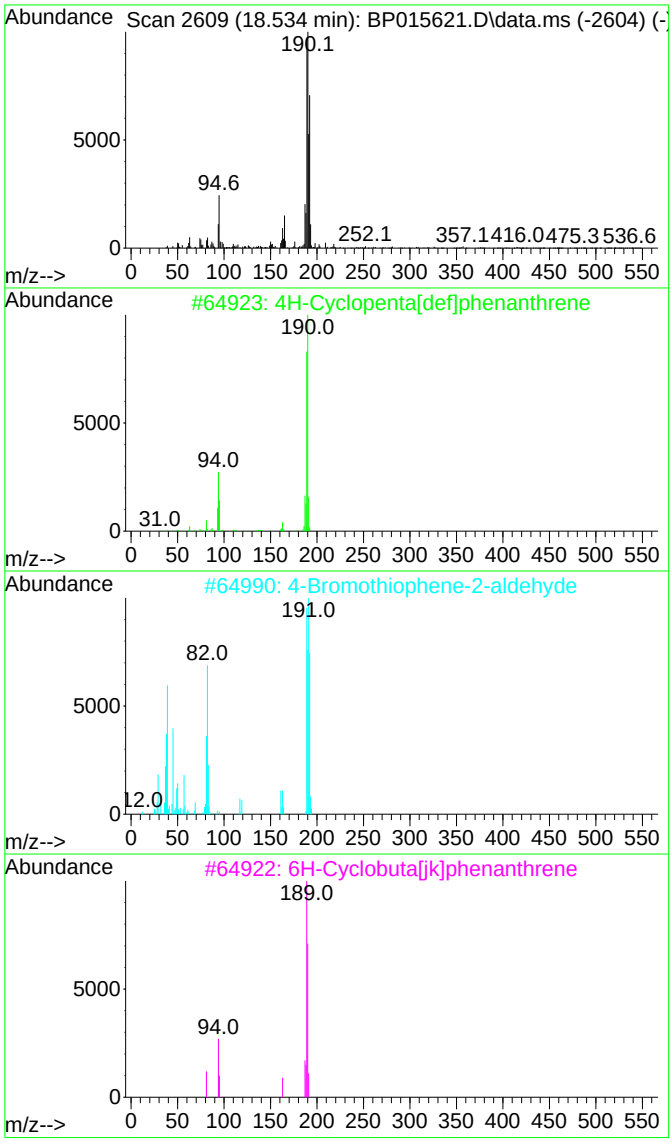
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP060723.MA.M
Quant Title : SVOA CALIBRATION

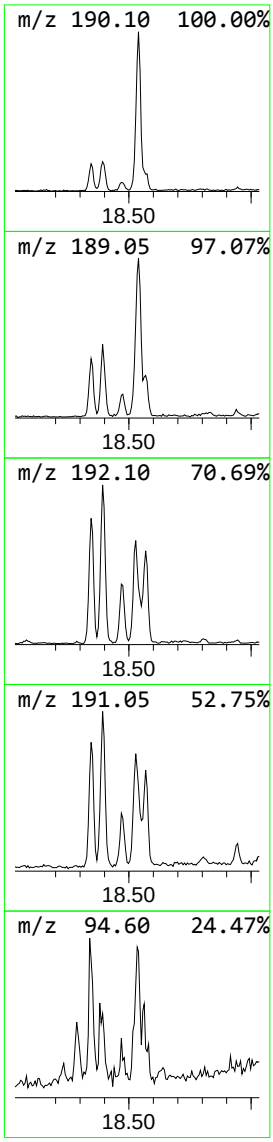
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 4H-Cyclopenta[def]phenanthrene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.534	3.89 ng/ul	326979	Phenanthrene-d10	17.486

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	62
2	4-Bromothiophene-2-aldehyde	190	C5H3BrOS	018791-75-8	58
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	58
4	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	53
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	38





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Sample : 03080-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCFH2

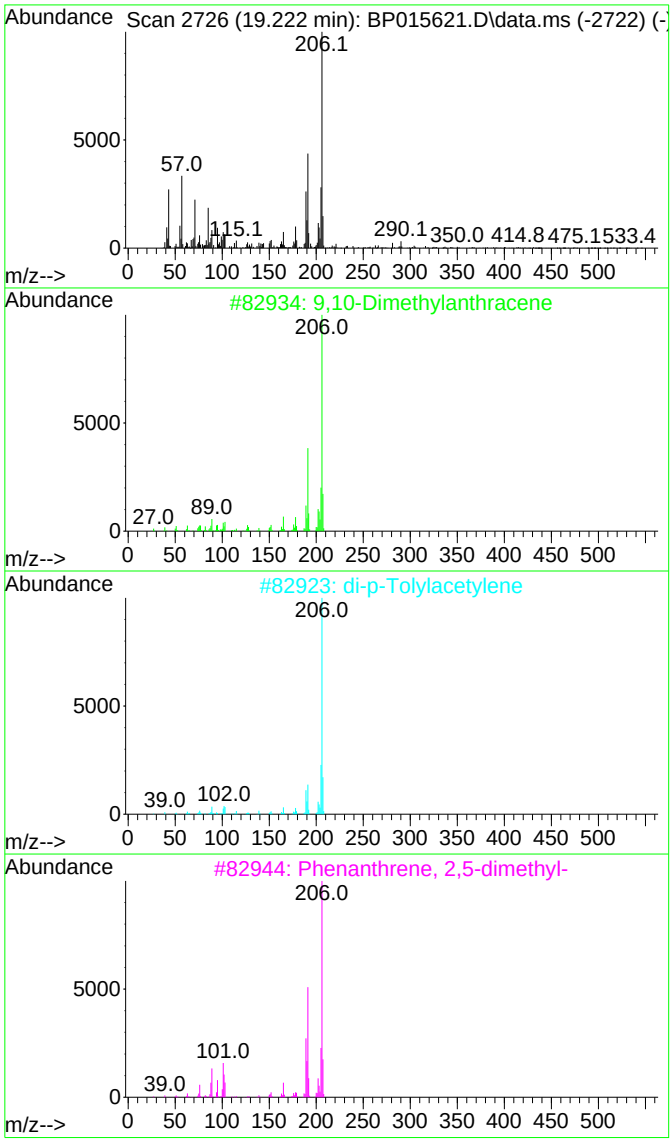
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP060723.MA.M
Quant Title : SVOA CALIBRATION

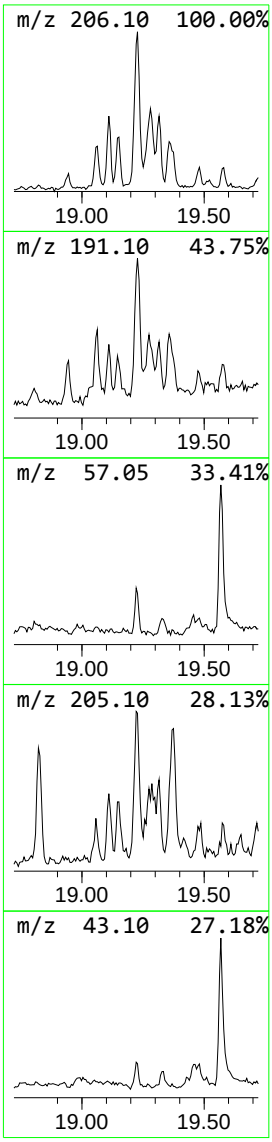
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 9,10-Dimethylanthracene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.222	2.51 ng/ul	210532	Phenanthrene-d10	17.486

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	93
2	di-p-Tolylacetylene	206	C16H14	002789-88-0	93
3	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	91
4	Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	90
5	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	87





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Operator : MA/JU
Sample : 03080-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCFH2

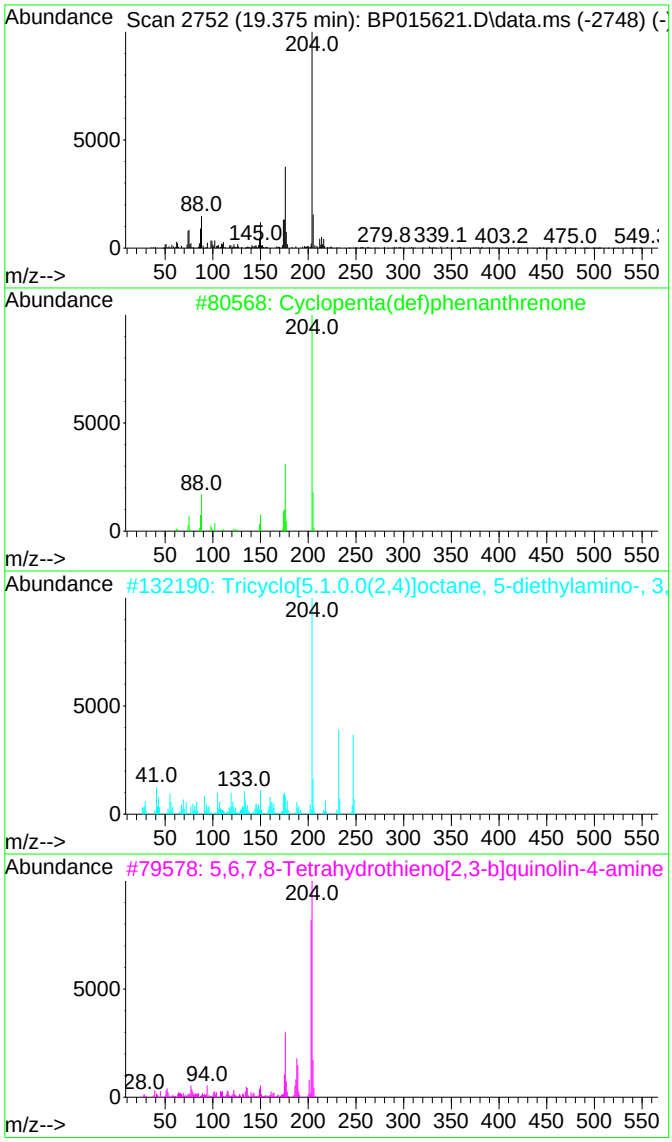
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP060723.MA.M
Quant Title : SVOA CALIBRATION

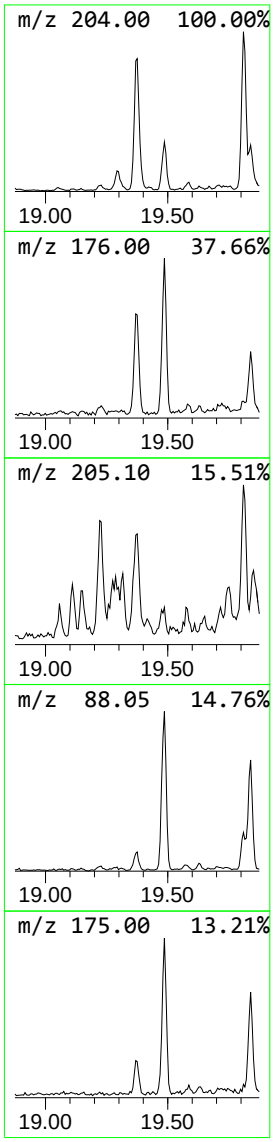
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Cyclopenta(def)phenanthrenone Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.375	2.29 ng/ul	191966	Phenanthrene-d10	17.486

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	96
2	Tricyclo[5.1.0.0(2,4)]octane, 5-...	247	C17H29N	1000063-59-3	59
3	5,6,7,8-Tetrahydrothieno[2,3-b]q...	204	C11H12N2S	122914-50-5	59
4	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	53
5	Indeno[2,1-a]indene, 5,10-dihydro-	204	C16H12	006543-29-9	50





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Sample : 03080-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCFH2

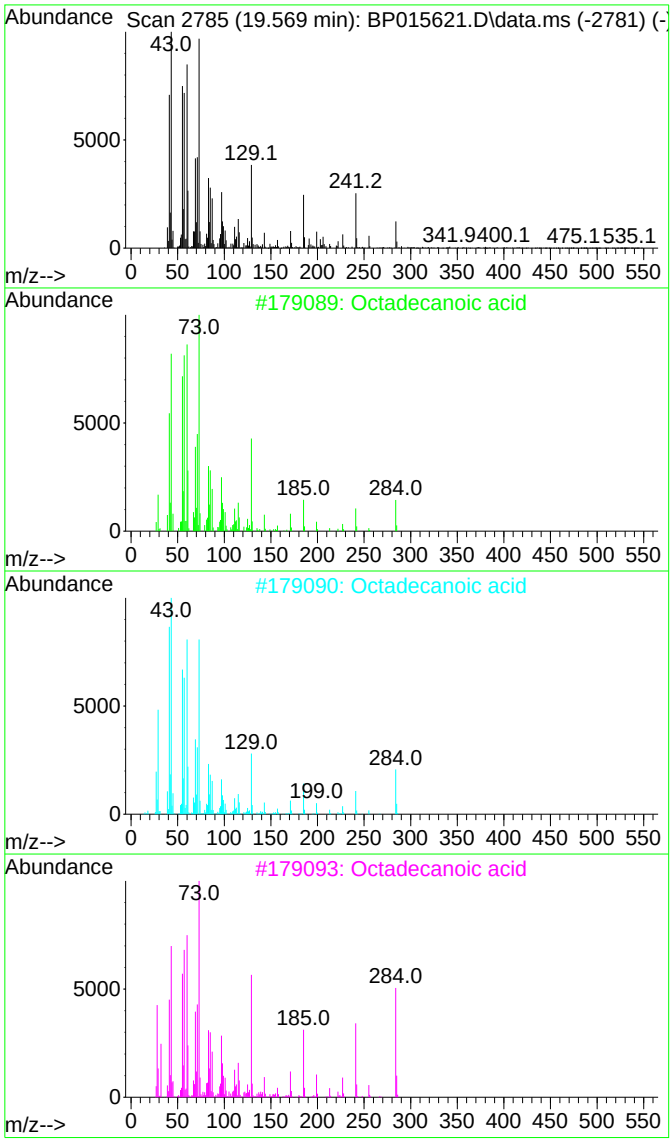
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP060723.MA.M
Quant Title : SVOA CALIBRATION

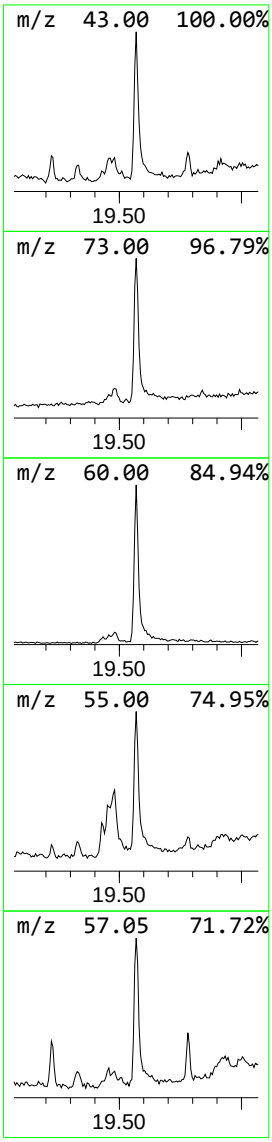
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Octadecanoic acid Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.569	2.80 ng/ul	537963	Chrysene-d12	21.569

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	98
3	Octadecanoic acid	284	C18H36O2	000057-11-4	97
4	Octadecanoic acid	284	C18H36O2	000057-11-4	94
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	93





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Acq On : 20 Jun 2023 14:47
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Sample : 03080-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCFH2

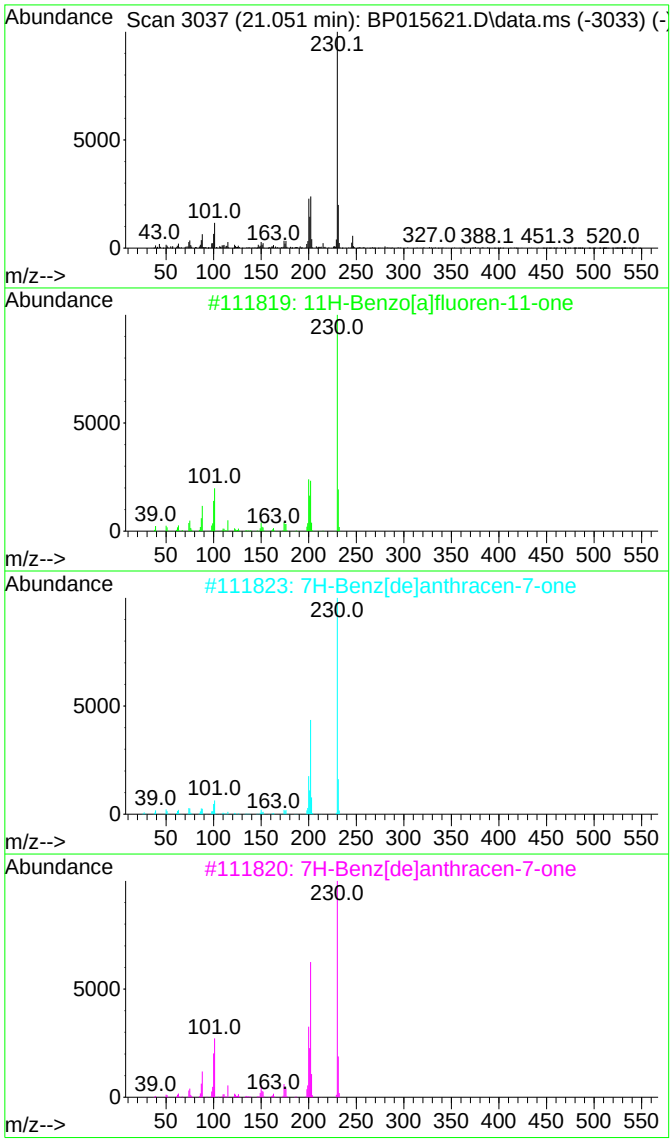
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP060723.MA.M
Quant Title : SVOA CALIBRATION

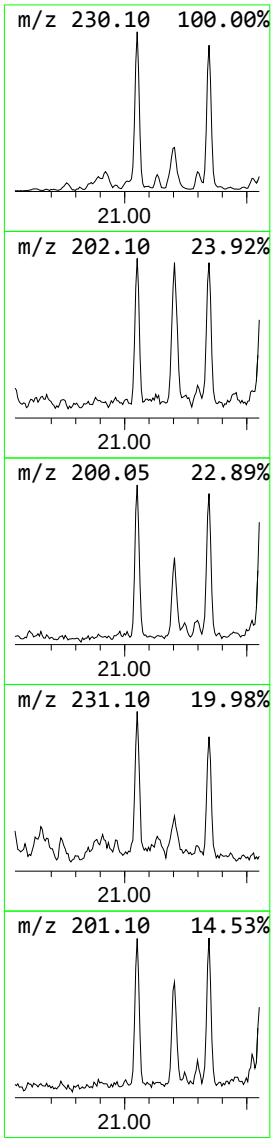
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 11H-Benzo[a]fluoren-11-one Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.051	2.06 ng/ul	395944	Chrysene-d12	21.569

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	96
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
3	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	87
4	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	83
5	4-Pyrenecarbaldehyde	230	C17H10O	022245-51-8	80





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Sample : 03080-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCFH2

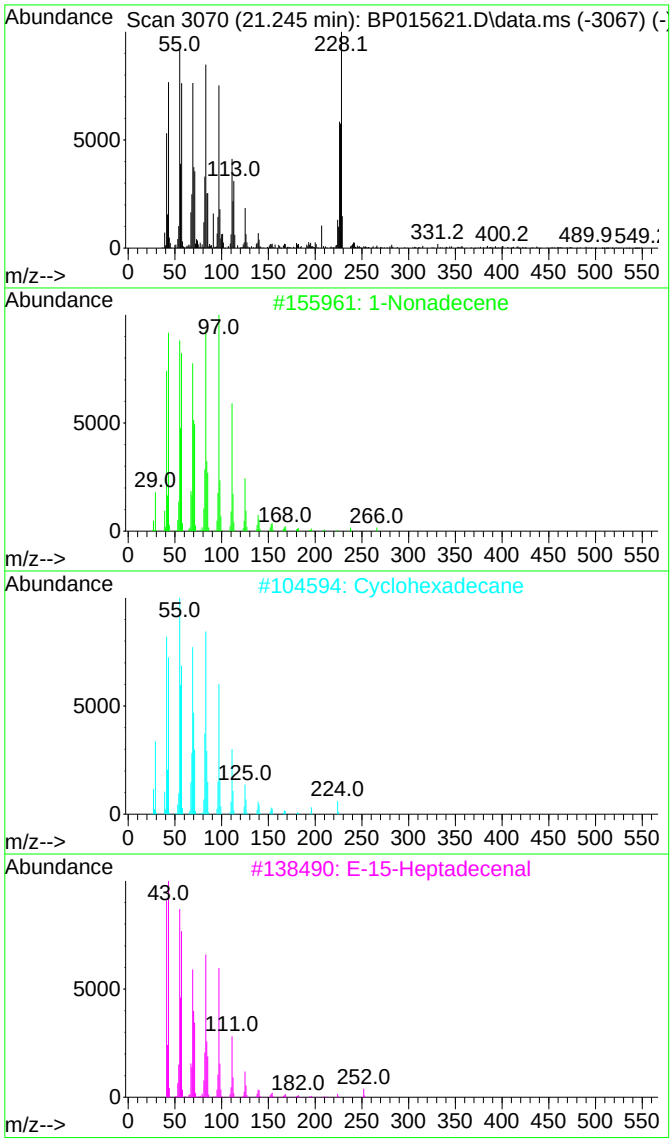
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP060723.MA.M
Quant Title : SVOA CALIBRATION

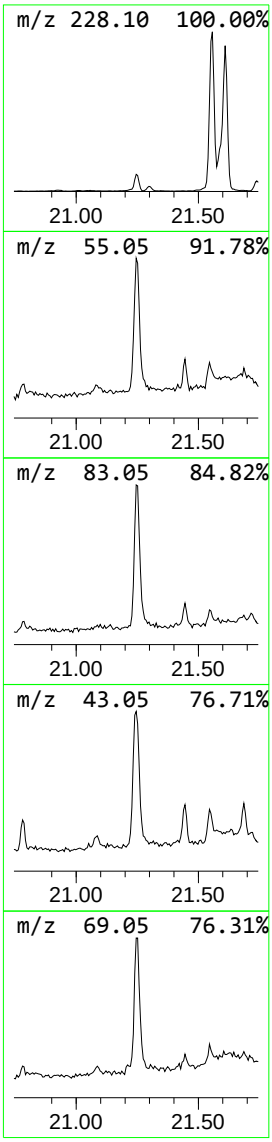
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.245	4.17 ng/ul	801929	Chrysene-d12	21.569

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecene	266	C19H38	018435-45-5	97
2	Cyclohexadecane	224	C16H32	000295-65-8	96
3	E-15-Heptadecenal	252	C17H32O	1000130-97-9	95
4	n-Heptadecanol-1	256	C17H36O	001454-85-9	90
5	1-Heneicosanol	312	C21H44O	015594-90-8	78





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Sample : 03080-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCFH2

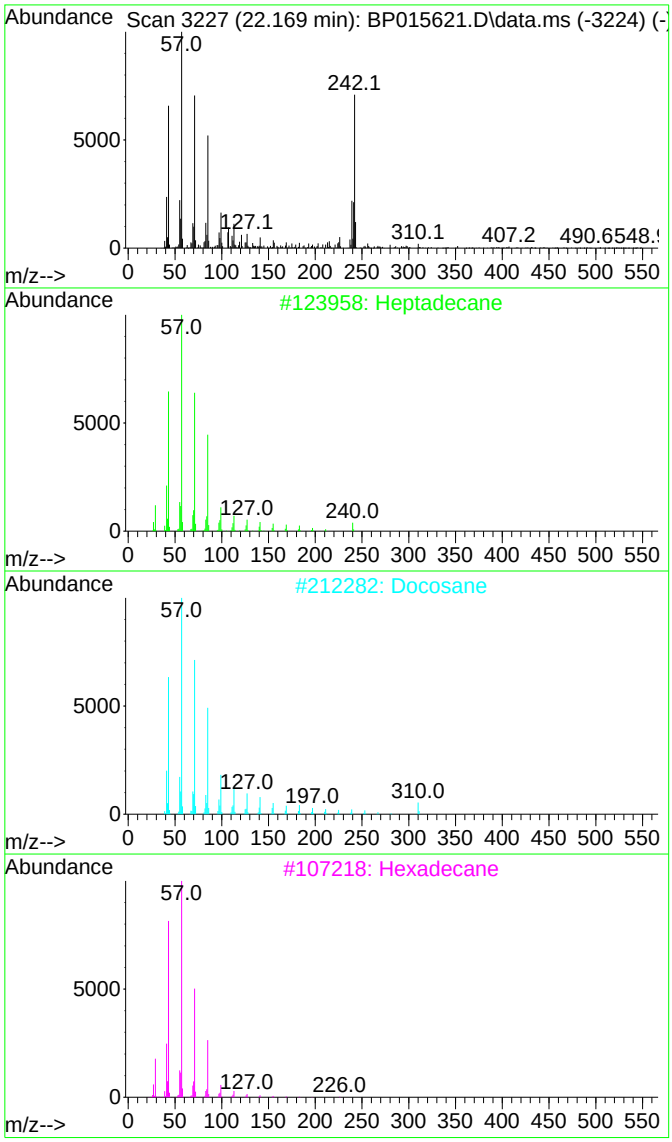
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP060723.MA.M
Quant Title : SVOA CALIBRATION

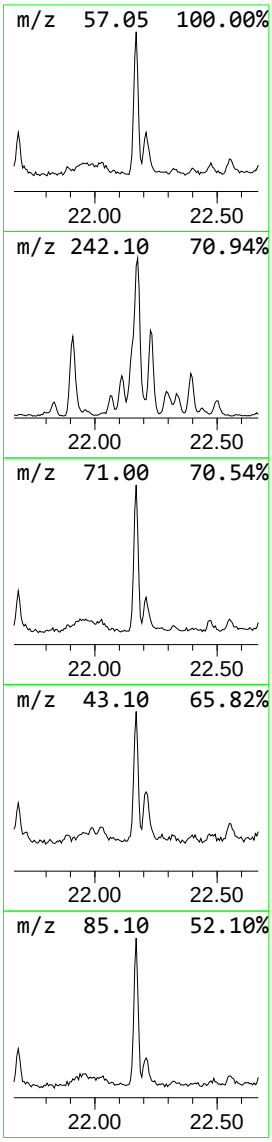
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.169	2.69 ng/ul	516468	Chrysene-d12	21.569

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	95
2	Docosane	310	C22H46	000629-97-0	95
3	Hexadecane	226	C16H34	000544-76-3	94
4	Octacosane	394	C28H58	000630-02-4	92
5	Docosane	310	C22H46	000629-97-0	84





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Sample : 03080-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCFH2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP060723.MA.M
Quant Title : SVOA CALIBRATION

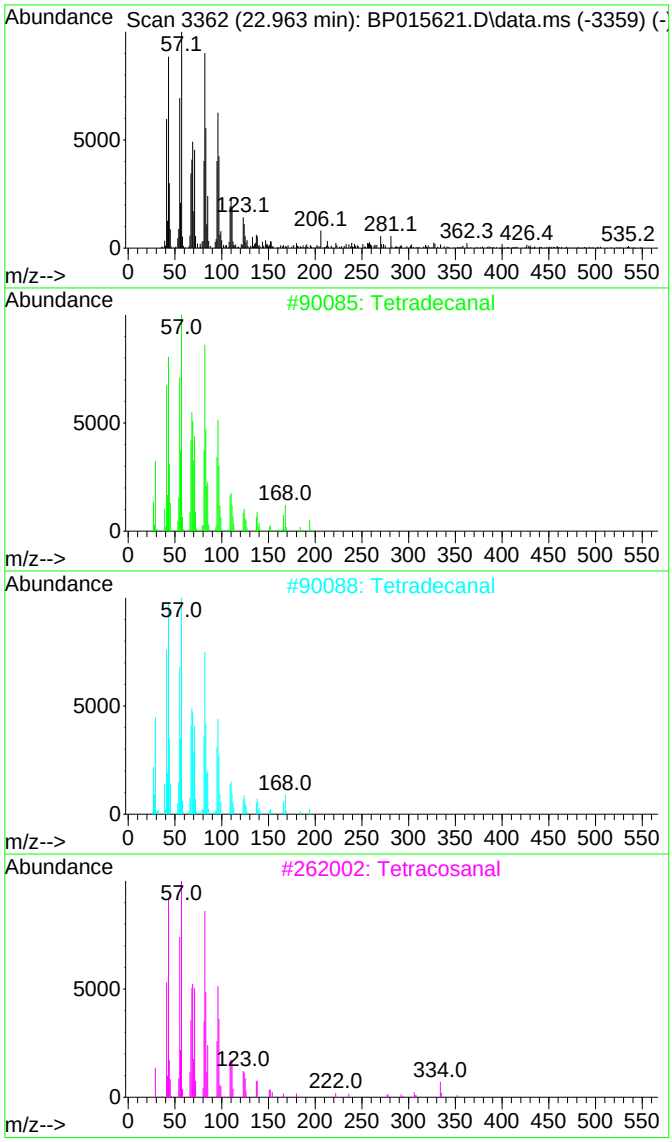
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

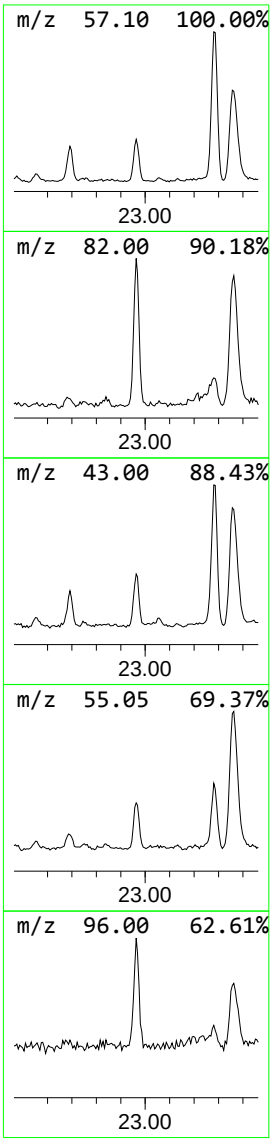
****

Peak Number 14 Tetradecanal Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.963	5.59 ng/ul	506494	Perylene-d12	24.121

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecanal	212	C14H28O	000124-25-4	95
2	Tetradecanal	212	C14H28O	000124-25-4	94
3	Tetracosanal	352	C24H48O	057866-08-7	91
4	Octadecanal	268	C18H36O	000638-66-4	91
5	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	91





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Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
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ClientSampleId :
DCFH2

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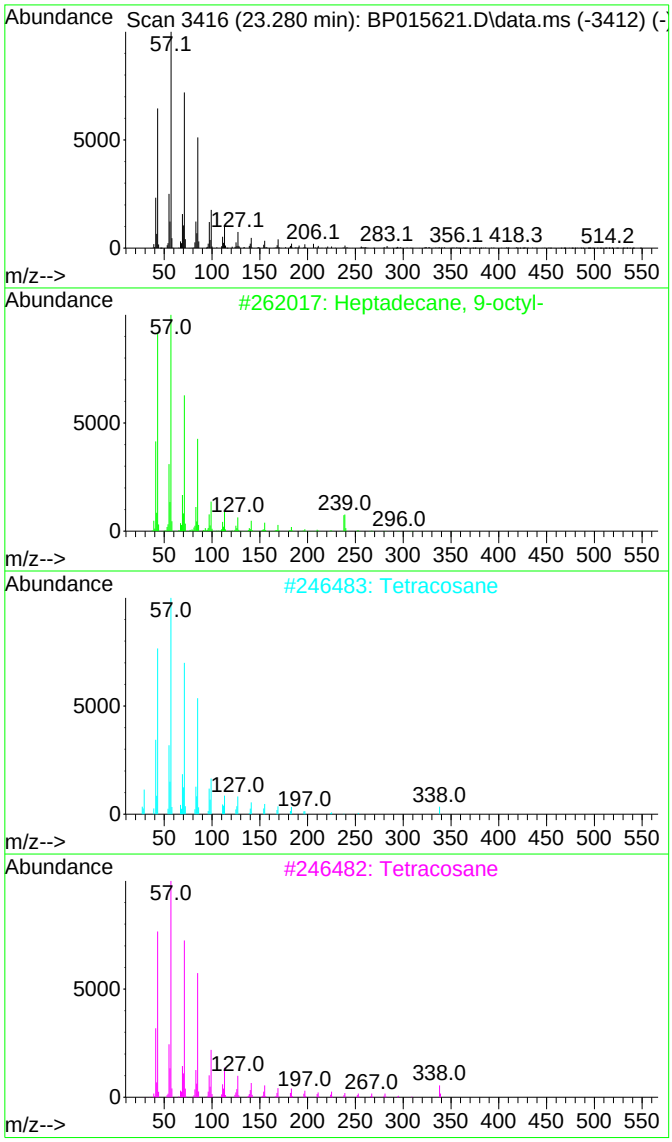
Quant Title : SVOA CALIBRATION

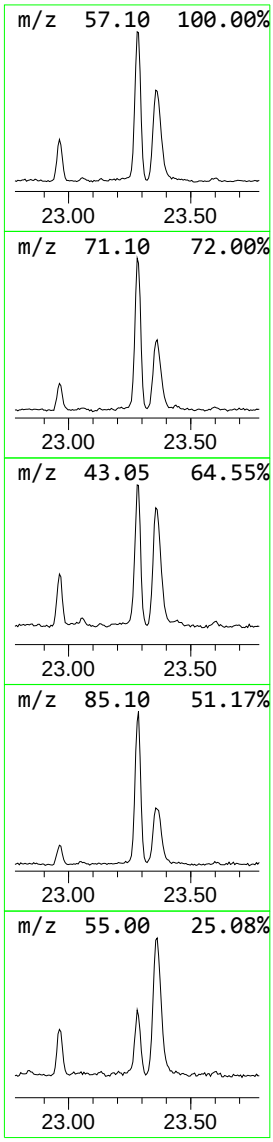
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.280	8.97 ng/ul	811994	Perylene-d12	24.121

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	95
2	Tetracosane	338	C24H50	000646-31-1	95
3	Tetracosane	338	C24H50	000646-31-1	94
4	Docosane, 11-butyl-	366	C26H54	013475-76-8	93
5	2-Methylheptacosane	394	C28H58	001561-00-8	93





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Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCFH2

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Quant Title : SVOA CALIBRATION

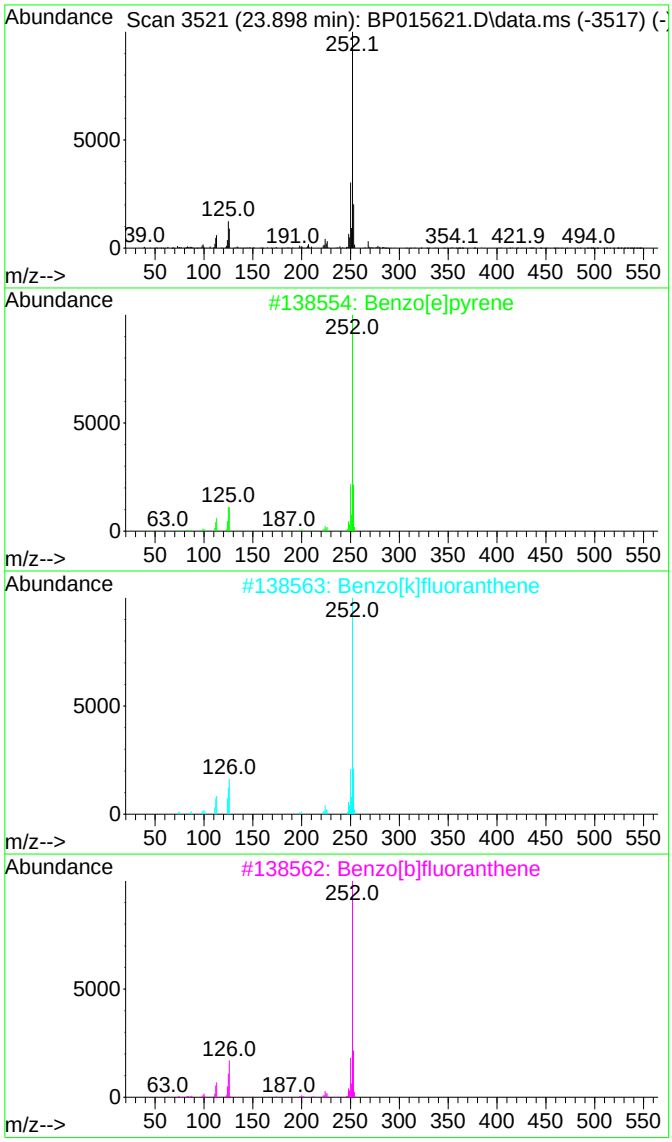
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

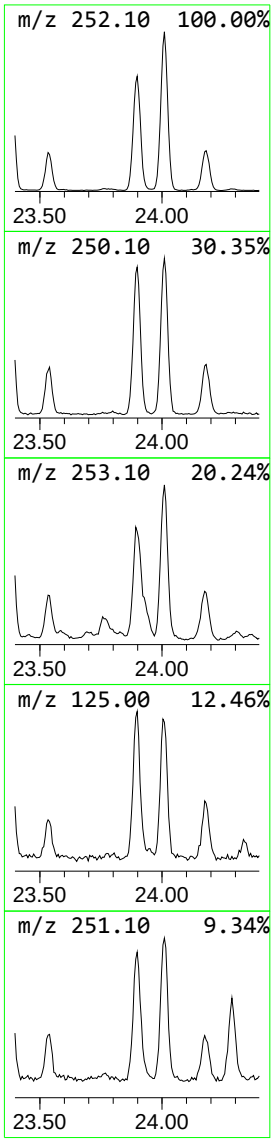
****

Peak Number 16 Benzo[e]pyrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.898	6.49 ng/ul	587986	Perylene-d12	24.121

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	95
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	95
3	Benzo[b]fluoranthene	252	C20H12	000205-99-2	93
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	91
5	Benzo[a]pyrene	252	C20H12	000050-32-8	90





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Data File : BP015621.D
Acq On : 20 Jun 2023 14:47
Operator : MA/JU
Sample : 03080-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCFH2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP060723.MA.M
Quant Title : SVOA CALIBRATION

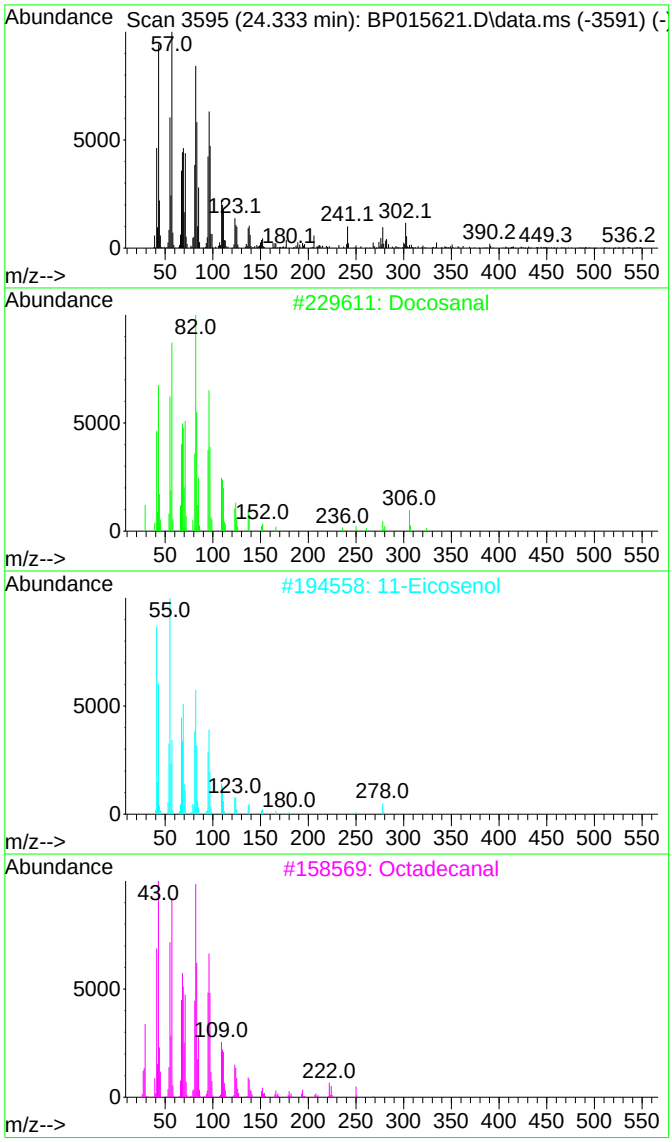
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

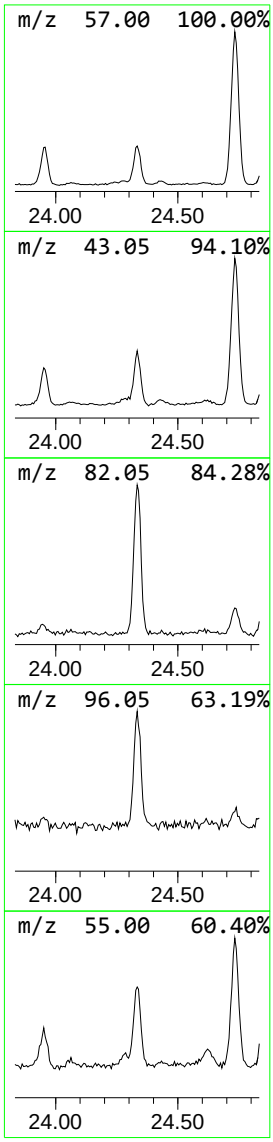
****

Peak Number 17 Docosanal Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.333	8.61 ng/ul	779662	Perylene-d12	24.121

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosanal	324	C22H44O	057402-36-5	94
2	11-Eicosenol	296	C20H40O	1010424-20-3	93
3	Octadecanal	268	C18H36O	000638-66-4	93
4	Octadecanal	268	C18H36O	000638-66-4	93
5	Eicosen-1-ol, cis-9-	296	C20H40O	112248-30-3	92





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062023\
Data File : BP015621.D
Acq On : 20 Jun 2023 14:47
Operator : MA/JU
Sample : 03080-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCFH2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP060723.MA.M
Quant Title : SVOA CALIBRATION

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

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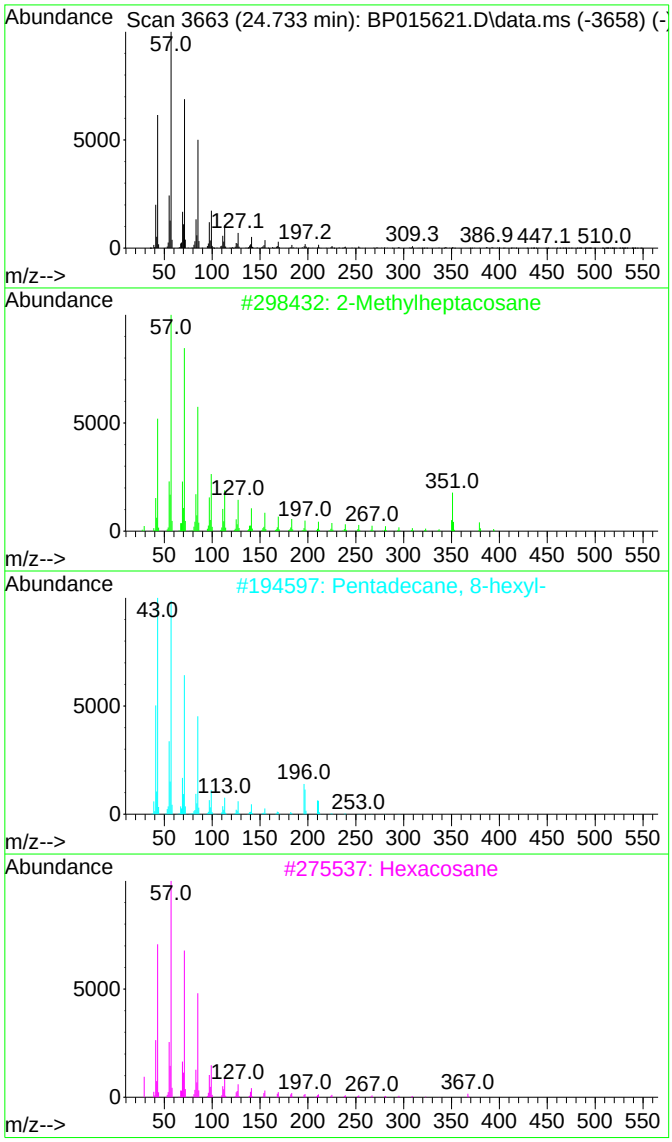
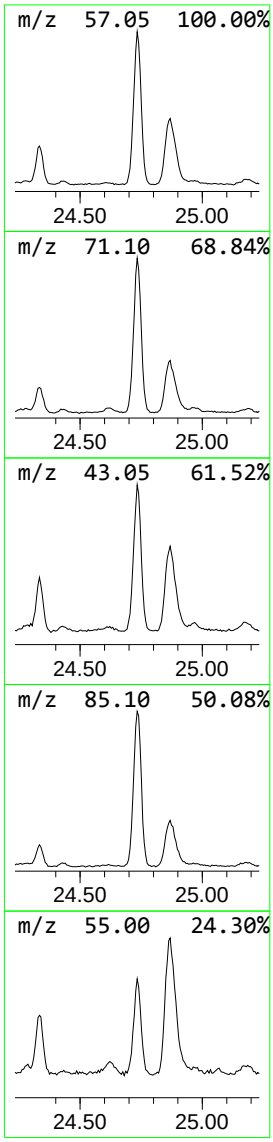
Peak Number 18 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.733	20.91 ng/ul	1893240	Perylene-d12	24.121

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methylheptacosane	394	C28H58	001561-00-8	94
2	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	94
3	Hexacosane	366	C26H54	000630-01-3	91
4	Octacosane, 2-methyl-	408	C29H60	001560-98-1	91
5	Octacosane	394	C28H58	000630-02-4	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062023\
Data File : BP015621.D
Acq On : 20 Jun 2023 14:47
Operator : MA/JU
Sample : 03080-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCFH2

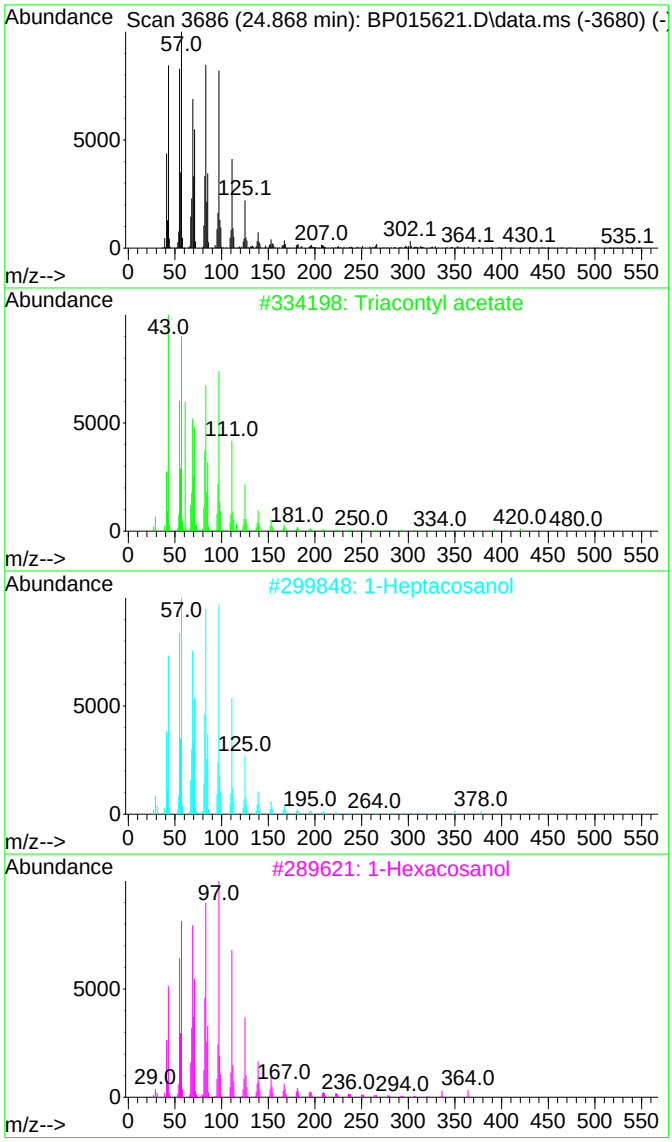
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP060723.MA.M
Quant Title : SVOA CALIBRATION

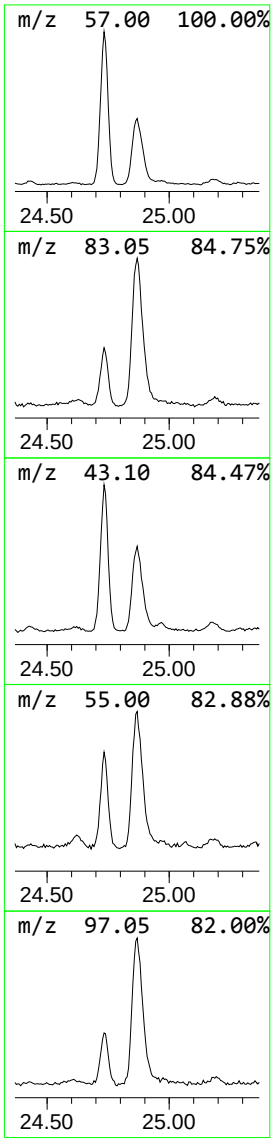
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 Triacontyl acetate Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.869	22.33 ng/ul	2022030	Perylene-d12	24.121

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triacontyl acetate	480	C32H64O2	041755-58-2	99
2	1-Heptacosanol	396	C27H56O	002004-39-9	95
3	1-Hexacosanol	382	C26H54O	000506-52-5	94
4	1-Hexacosene	364	C26H52	018835-33-1	94
5	Heptacos-1-ene	378	C27H54	015306-27-1	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062023\
Data File : BP015621.D
Acq On : 20 Jun 2023 14:47
Operator : MA/JU
Sample : 03080-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCFH2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP060723.MA.M
Quant Title : SVOA CALIBRATION

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

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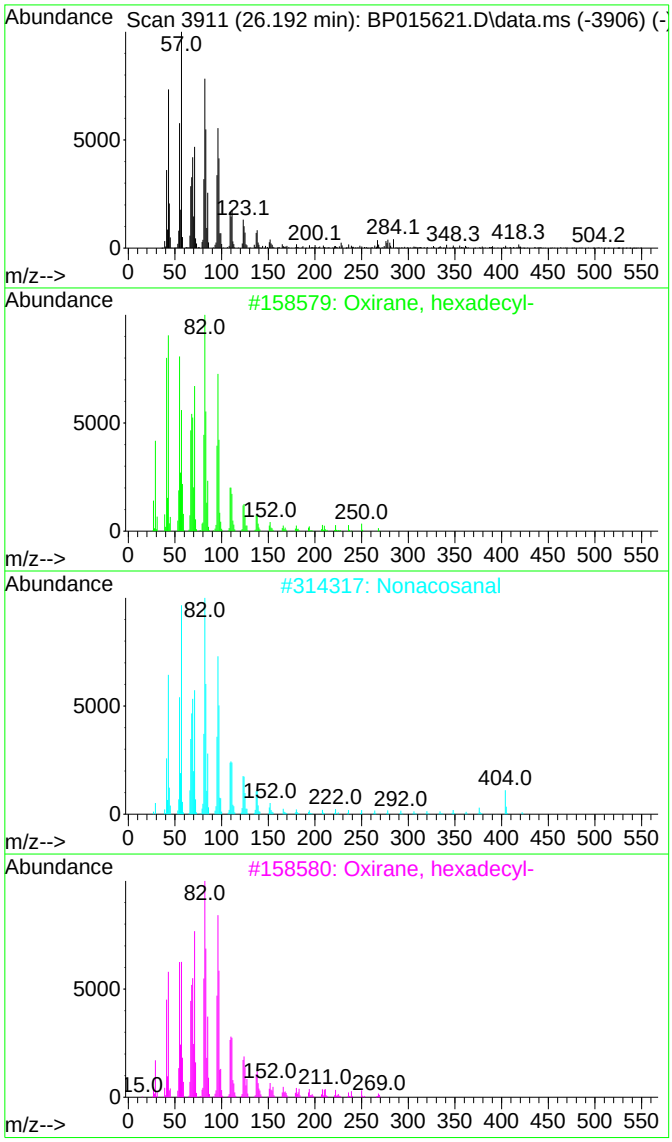
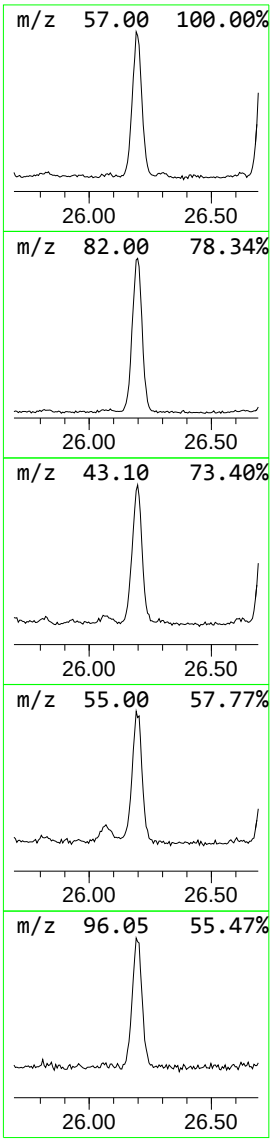
Peak Number 20 Oxirane, hexadecyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.192	22.90 ng/ul	2073990	Perylene-d12	24.121

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	94
2	Nonacosanal	422	C29H58O	072934-04-4	94
3	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	94
4	1,19-Eicosadiene	278	C20H38	014811-95-1	93
5	Tetracosanal	352	C24H48O	057866-08-7	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062023\
Data File : BP015621.D
Acq On : 20 Jun 2023 14:47
Operator : MA/JU
Sample : 03080-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCFH2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP060723.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	16.087	3.0	ng/ul	181960	3	14.728	1228990	20.0
Carba zole	17.892	2.1	ng/ul	178010	4	17.486	1679080	20.0
unknown-01	18.181	2.8	ng/ul	238637	4	17.486	1679080	20.0
Palmitoleic acid	18.287	2.4	ng/ul	201341	4	17.486	1679080	20.0
n-Hexadecanoic ...	18.345	19.2	ng/ul	1609980	4	17.486	1679080	20.0
Phenanthrene, 1...	18.392	4.5	ng/ul	375999	4	17.486	1679080	20.0
4H-Cyclopenta[d...	18.534	3.9	ng/ul	326979	4	17.486	1679080	20.0
9,10-Dimethylan...	19.222	2.5	ng/ul	210532	4	17.486	1679080	20.0
Cyclopenta(def)...	19.375	2.3	ng/ul	191966	4	17.486	1679080	20.0
Octadecanoic acid	19.569	2.8	ng/ul	537963	5	21.569	3843350	20.0
11H-Benzo[a]flu...	21.051	2.1	ng/ul	395944	5	21.569	3843350	20.0
(DEL) Alkane: S...	21.245	4.2	ng/ul	801929	5	21.569	3843350	20.0
(DEL) Alkane: S...	22.169	2.7	ng/ul	516468	5	21.569	3843350	20.0
Tetradecanal	22.963	5.6	ng/ul	506494	6	24.121	1811000	20.0
(DEL) Alkane: S...	23.280	9.0	ng/ul	811994	6	24.121	1811000	20.0
Benzo[e]pyrene	23.898	6.5	ng/ul	587986	6	24.121	1811000	20.0
Docosanal	24.333	8.6	ng/ul	779662	6	24.121	1811000	20.0
(DEL) Alkane: S...	24.733	20.9	ng/ul	1893240	6	24.121	1811000	20.0
Triacontyl acetate	24.869	22.3	ng/ul	2022030	6	24.121	1811000	20.0
Oxirane, hexade...	26.192	22.9	ng/ul	2073990	6	24.121	1811000	20.0