LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062821\
Data File : BN015183.D
Acq On : 28 Jun 2021 20:14
Operator : CG/JU
Sample : M2680-07DL2 20X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BGDD3DL2

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_N\METHODS\SFAM-EPA-BN061821MA.M
Title : SVOA CALIBRATION

Signal : TIC: BN015183.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	7.722	782	788	798	rVB	643200	1029531	17.50%	1.491%
2	10.498	1252	1260	1265	rBV	872918	1458072	24.78%	2.112%
3	10.546	1265	1268	1275	rVB	48712	73454	1.25%	0.106%
4	14.069	1856	1867	1875	rBV2	219135	398648	6.77%	0.577%
5	14.351	1904	1915	1921	rBV	1222068	1838636	31.25%	2.663%
6	14.410	1921	1925	1934	rVV2	154737	259664	4.41%	0.376%
7	14.751	1977	1983	1990	rVV	217797	323494	5.50%	0.469%
8	14.969	2012	2020	2025	rBV3	47577	99521	1.69%	0.144%
9	15.345	2078	2084	2088	rVV2	106415	162866	2.77%	0.236%
10	15.398	2088	2093	2106	rVB	431439	660311	11.22%	0.956%
11	15.692	2139	2143	2154	rVV	206425	319623	5.43%	0.463%
12	15.845	2164	2169	2177	rVB	241811	497132	8.45%	0.720%
13	16.404	2256	2264	2269	rBV2	142543	300981	5.11%	0.436%
14	16.451	2269	2272	2278	rVB	61356	82733	1.41%	0.120%
15	16.551	2285	2289	2294	rVB	72786	106694	1.81%	0.155%
16	16.633	2296	2303	2307	rBV2	109074	178773	3.04%	0.259%
17	16.675	2307	2310	2313	rVV2	96226	130298	2.21%	0.189%
18	16.757	2320	2324	2331	rVB4	66533	121619	2.07%	0.176%
19	16.833	2331	2337	2343	rBV2	111428	212873	3.62%	0.308%
20	16.916	2343	2351	2356	rBV	228252	345009	5.86%	0.500%
21	17.098	2375	2382	2385	rBV	1470087	2178698	37.02%	3.155%
22	17.139	2385	2389	2395	rVV	2650412	3638525	61.83%	5.270%
23	17.192	2395	2398	2399	rVV2	104702	112444	1.91%	0.163%
24	17.227	2399	2404	2410	rVV	1583556	2245866	38.17%	3.253%
25	17.286	2410	2414	2420	rVV3	84280	149571	2.54%	0.217%
26	17.539	2453	2457	2467	rVV2	48168	117213	1.99%	0.170%
27	17.622	2467	2471	2477	rVV	75610	115614	1.96%	0.167%
28	17.686	2477	2482	2490	rVB5	41217	105333	1.79%	0.153%
29	17.816	2500	2504	2513	rVB3	38819	76928	1.31%	0.111%
30	17.975	2525	2531	2535	rVV	417264	615452	10.46%	0.891%
31	18.022	2535	2539	2546	rVB	507822	708984	12.05%	1.027%
32	18.104	2546	2553	2558	rBV	352116	528557	8.98%	0.765%
33	18.169	2558	2564	2568	rVV2	778464	1330718	22.61%	1.927%
34	18.204	2568	2570	2578	rVB	261398	311934	5.30%	0.452%
35	18.474	2612	2616	2621	rVV	317920	438455	7.45%	0.635%
36	18.727	2654	2659	2663	rBV	76131	104860	1.78%	0.152%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062821\
Data File : BN015183.D
Acq On : 28 Jun 2021 20:14
Operator : CG/JU
Sample : M2680-07DL2 20X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BGDD3DL2

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_N\METHODS\SFAM-EPA-BN061821MA.M
Title : SVOA CALIBRATION

37	18.774	2663	2667	2670	rBV	91714	109540	1.86%	0.159%
38	18.816	2670	2674	2678	rVB	88966	119806	2.04%	0.174%
39	18.892	2678	2687	2693	rBV3	210354	465768	7.92%	0.675%
40	18.963	2693	2699	2702	rBV2	131557	225059	3.82%	0.326%
41	19.033	2707	2711	2720	rVB2	106130	248575	4.22%	0.360%
42	19.163	2726	2733	2740	rBV	4431540	5884472	100.00%	8.522%
43	19.263	2747	2750	2753	rVB3	75820	90265	1.53%	0.131%
44	19.310	2753	2758	2763	rBV	501567	651823	11.08%	0.944%
45	19.404	2768	2774	2784	rVB2	147166	308604	5.24%	0.447%
46	19.498	2784	2790	2791	rBV	783099	1068439	18.16%	1.547%
47	19.527	2791	2795	2803	rVB	3253156	4670863	79.38%	6.765%
48	19.598	2803	2807	2814	rVB4	201937	359735	6.11%	0.521%
49	19.704	2820	2825	2832	rVB	263567	359613	6.11%	0.521%
50	19.769	2832	2836	2843	rVB	84402	138027	2.35%	0.200%
51	19.857	2843	2851	2857	rBV4	222564	626634	10.65%	0.908%
52	19.992	2868	2874	2875	rBV2	186761	288799	4.91%	0.418%
53	20.021	2875	2879	2884	rVB	747212	1049431	17.83%	1.520%
54	20.127	2892	2897	2901	rBV	705777	945775	16.07%	1.370%
55	20.180	2901	2906	2911	rVV2	329994	567731	9.65%	0.822%
56	20.269	2917	2921	2926	rBV5	85008	178299	3.03%	0.258%
57	20.321	2926	2930	2934	rVV	144781	184749	3.14%	0.268%
58	20.369	2934	2938	2947	rVB2	199356	379327	6.45%	0.549%
59	20.516	2959	2963	2967	rBV	415622	437595	7.44%	0.634%
60	20.621	2977	2981	2983	rVV2	82092	116633	1.98%	0.169%
61	20.645	2983	2985	2990	rVB	93972	109004	1.85%	0.158%
62	20.733	2995	3000	3005	rBV3	121559	241220	4.10%	0.349%
63	20.786	3005	3009	3014	rVB3	93300	158162	2.69%	0.229%
64	20.939	3032	3035	3038	rBV	150977	185772	3.16%	0.269%
65	20.980	3038	3042	3045	rVV	275891	314317	5.34%	0.455%
66	21.021	3045	3049	3054	rVB2	217558	365295	6.21%	0.529%
67	21.180	3069	3076	3080	rBV3	83846	215100	3.66%	0.312%
68	21.245	3085	3087	3089	rVV	108469	133896	2.28%	0.194%
69	21.292	3089	3095	3099	rVV3	2786353	5682783	96.57%	8.230%
70	21.333	3099	3102	3112	rVB	1612071	2132191	36.23%	3.088%
71	21.451	3118	3122	3127	rBV	304569	463025	7.87%	0.671%
72	21.498	3127	3130	3136	rVV2	144565	233868	3.97%	0.339%
73	21.557	3136	3140	3144	rVB	189576	262970	4.47%	0.381%
74	21.610	3144	3149	3155	rBV3	221212	394424	6.70%	0.571%
75	21.792	3177	3180	3183	rVV	98911	140759	2.39%	0.204%
76	21.851	3183	3190	3194	rVV	332802	658961	11.20%	0.954%

LSC Area Percent Report

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Data File : BN015183.D
Acq On : 28 Jun 2021 20:14
Operator : CG/JU
Sample : M2680-07DL2 20X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BGDD3DL2

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_N\METHODS\SFAM-EPA-BN061821MA.M
Title : SVOA CALIBRATION

77	21.898	3195	3198	3203	rVB2	196522	272170	4.63%	0.394%
78	22.004	3212	3216	3219	rVB2	147100	193447	3.29%	0.280%
79	22.045	3219	3223	3226	rVV2	150931	215132	3.66%	0.312%
80	22.080	3226	3229	3235	rVB3	236433	343223	5.83%	0.497%
81	22.145	3236	3240	3249	rVB5	120718	240731	4.09%	0.349%
82	22.368	3271	3278	3287	rVB7	146464	373508	6.35%	0.541%
83	22.621	3317	3321	3331	rVB2	110716	222130	3.77%	0.322%
84	22.780	3345	3348	3356	rVB	68970	109337	1.86%	0.158%
85	22.874	3357	3364	3369	rBV	1140216	2733354	46.45%	3.959%
86	23.045	3387	3393	3399	rVB	318958	549660	9.34%	0.796%
87	23.180	3411	3416	3417	rBV3	79151	122989	2.09%	0.178%
88	23.351	3439	3445	3455	rBV2	571498	1199614	20.39%	1.737%
89	23.445	3455	3461	3469	rVB	1240457	2335127	39.68%	3.382%
90	23.545	3471	3478	3483	rVV2	1275918	2510511	42.66%	3.636%
91	23.592	3483	3486	3495	rVB3	338607	635783	10.80%	0.921%
92	24.098	3566	3572	3581	rVB2	247876	499488	8.49%	0.723%
93	24.415	3621	3626	3631	rVB2	76673	141438	2.40%	0.205%
94	24.851	3694	3700	3706	rVB	168991	347494	5.91%	0.503%
95	25.721	3842	3848	3853	rBV3	118322	299544	5.09%	0.434%
96	25.798	3854	3861	3874	rVB2	459819	1328977	22.58%	1.925%
97	26.062	3900	3906	3915	rVB	99100	220795	3.75%	0.320%
98	26.156	3918	3922	3928	rVV4	42900	103053	1.75%	0.149%
99	26.492	3970	3979	3997	rVB	297509	1012758	17.21%	1.467%
100	26.856	4034	4041	4064	rVB3	130452	491086	8.35%	0.711%

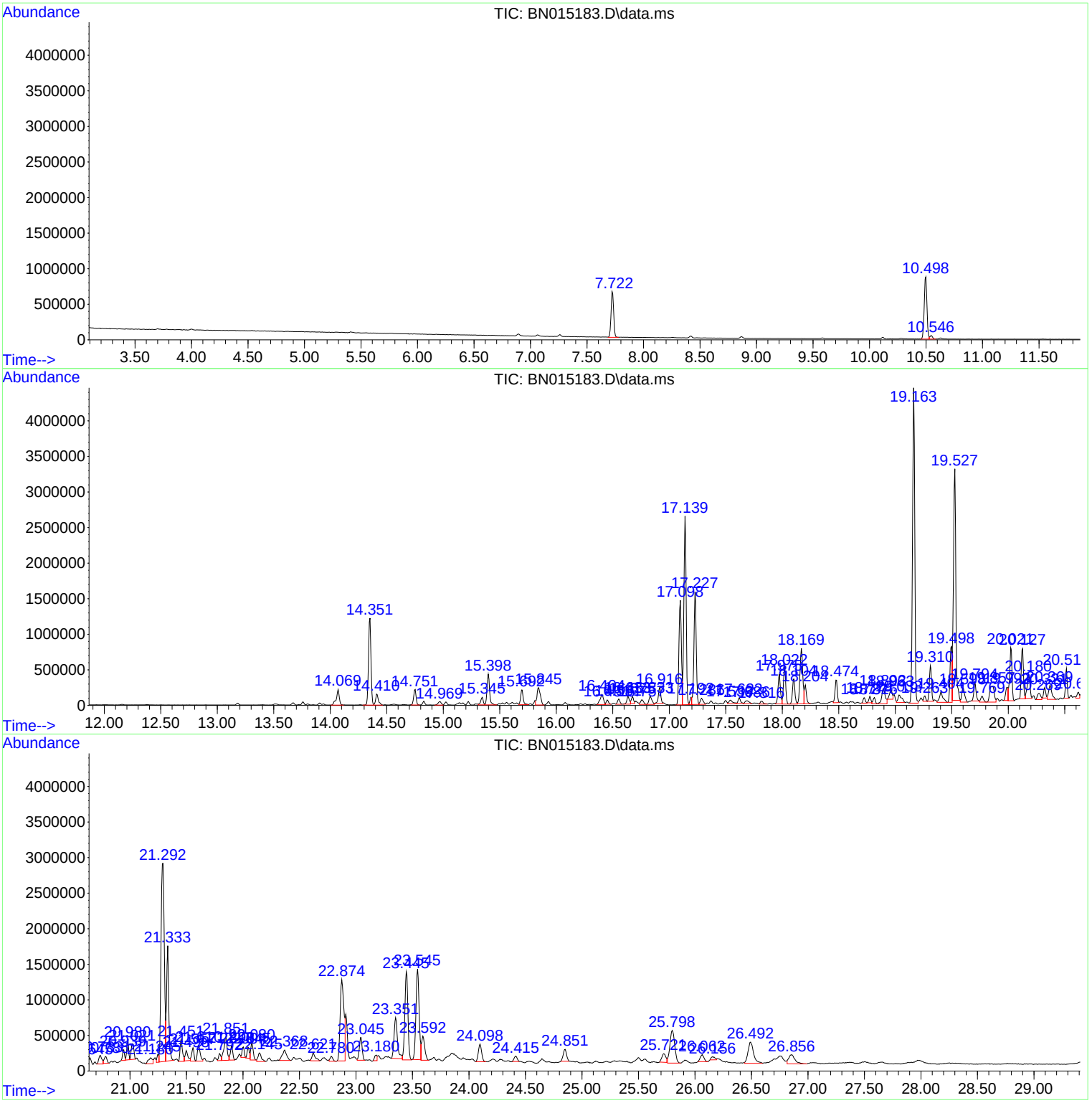
Sum of corrected areas: 69047742

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062821\
Data File : BN015183.D
Acq On : 28 Jun 2021 20:14
Operator : CG/JU
Sample : M2680-07DL2 20X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BGDD3DL2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN061821MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062821\
Data File : BN015183.D
Acq On : 28 Jun 2021 20:14
Operator : CG/JU
Sample : M2680-07DL2 20X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BGDD3DL2

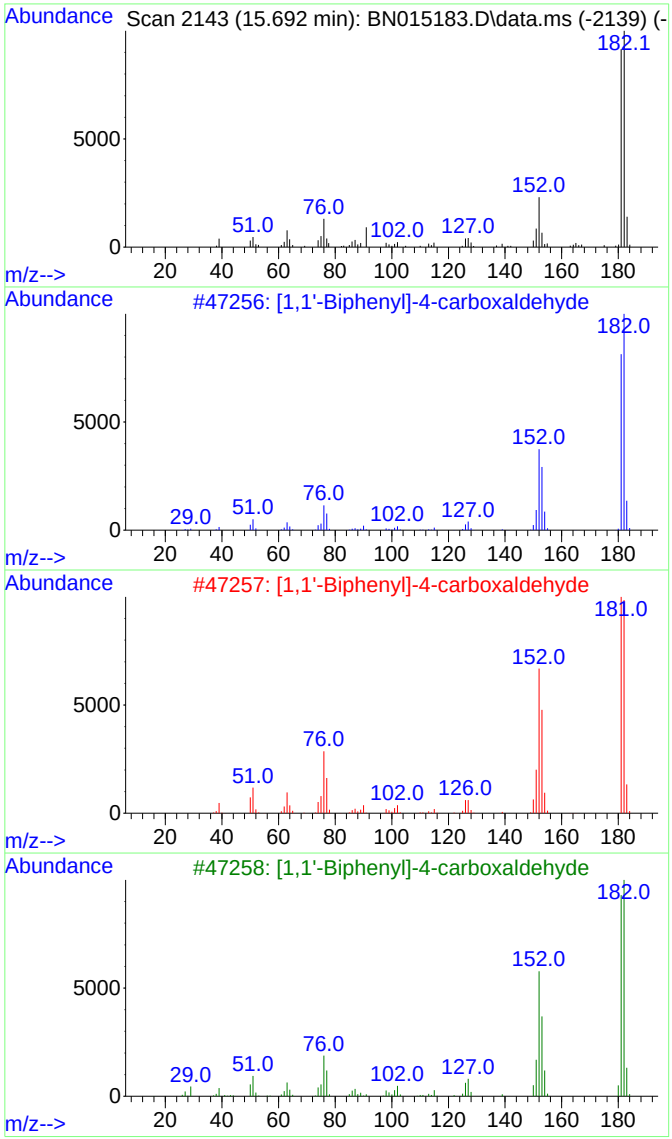
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN061821MA.M
Quant Title : SVOA CALIBRATION

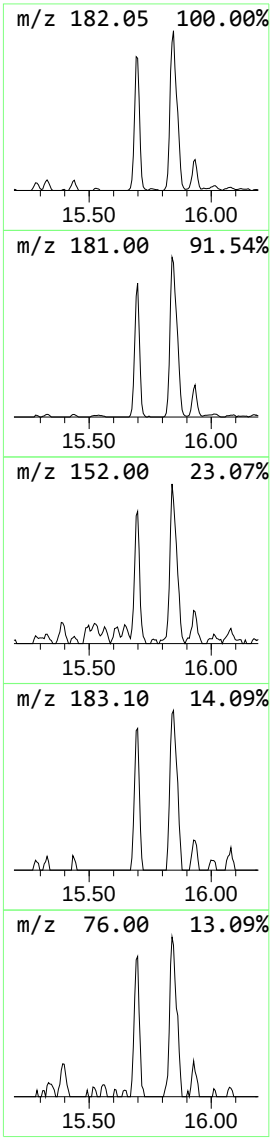
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 [1,1'-Biphenyl]-4-carboxald... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.692	3.48 ng/ul	319623	Acenaphthene-d10	14.351

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	87
2	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	78
3	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	78
4	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78
5	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	76





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062821\
Data File : BN015183.D
Acq On : 28 Jun 2021 20:14
Operator : CG/JU
Sample : M2680-07DL2 20X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BGDD3DL2

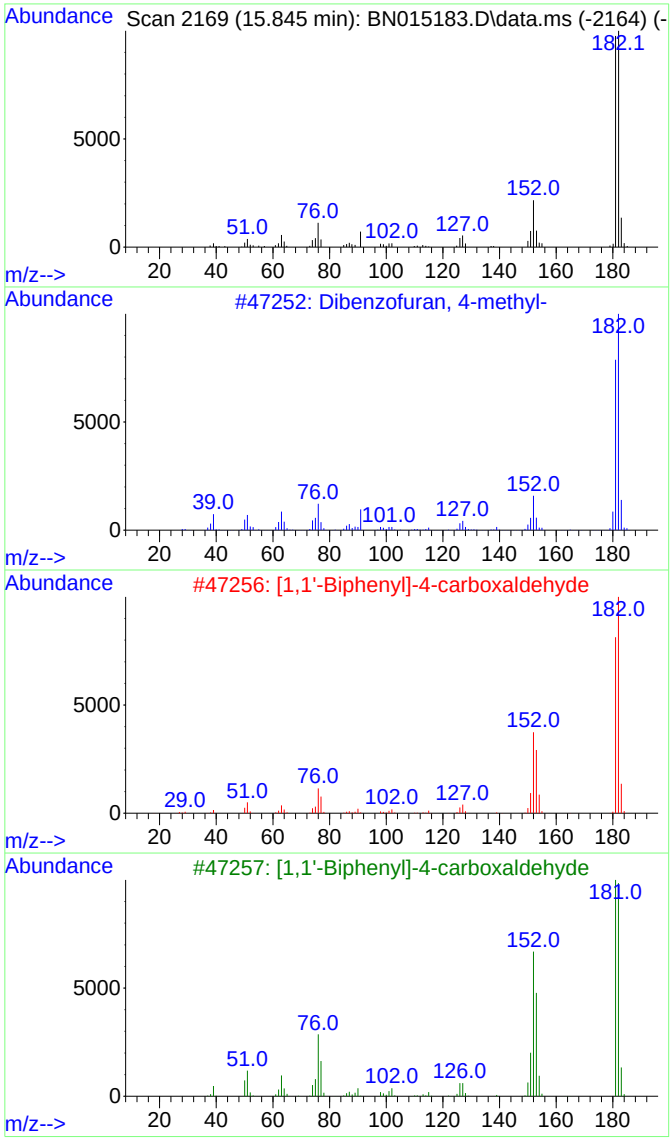
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN061821MA.M
Quant Title : SVOA CALIBRATION

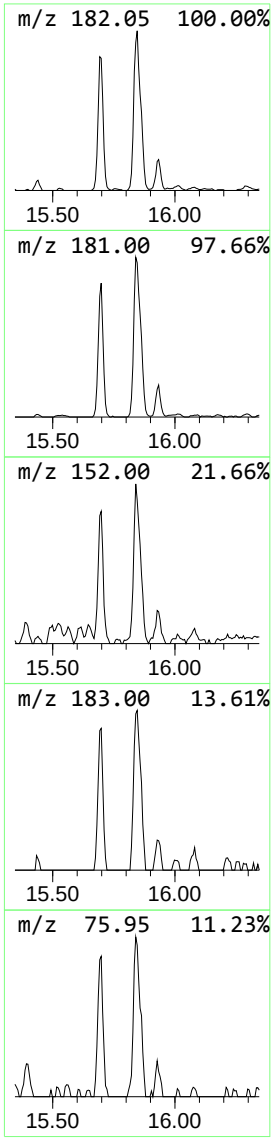
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Dibenzofuran, 4-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.845	4.56 ng/ul	497132	Phenanthrene-d10	17.098

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	94
2	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	91
3	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	87
4	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	86
5	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	78





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062821\
Data File : BN015183.D
Acq On : 28 Jun 2021 20:14
Operator : CG/JU
Sample : M2680-07DL2 20X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BGDD3DL2

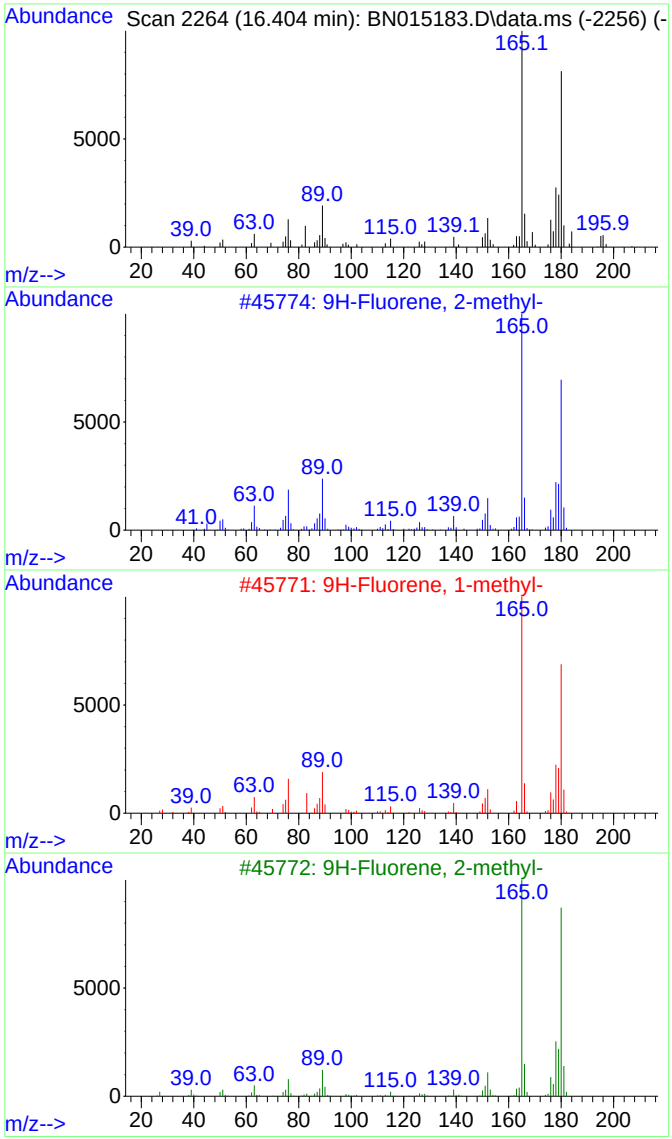
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN061821MA.M
Quant Title : SVOA CALIBRATION

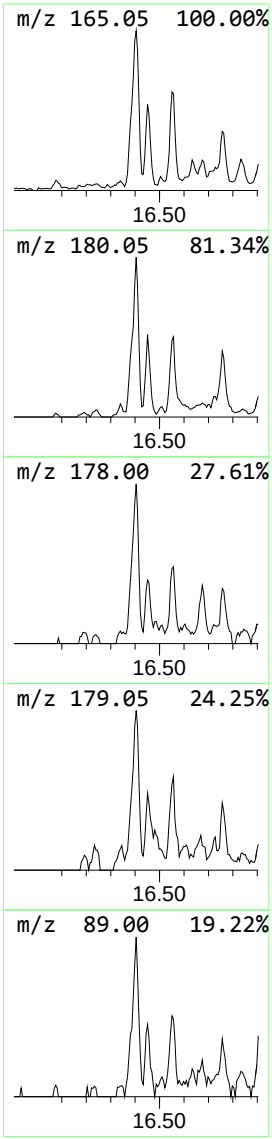
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 9H-Fluorene, 2-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.404	2.76 ng/ul	300981	Phenanthrene-d10	17.098

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	97
2	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	96
3	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	94
4	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	93
5	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062821\
Data File : BN015183.D
Acq On : 28 Jun 2021 20:14
Operator : CG/JU
Sample : M2680-07DL2 20X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BGDD3DL2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN061821MA.M
Quant Title : SVOA CALIBRATION

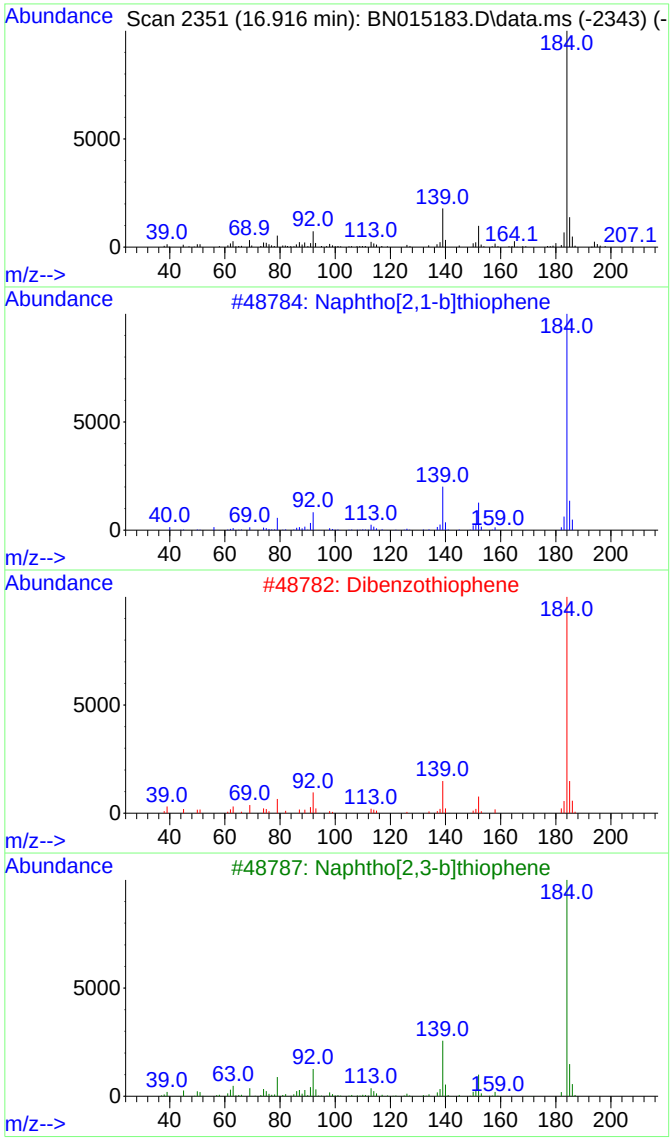
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

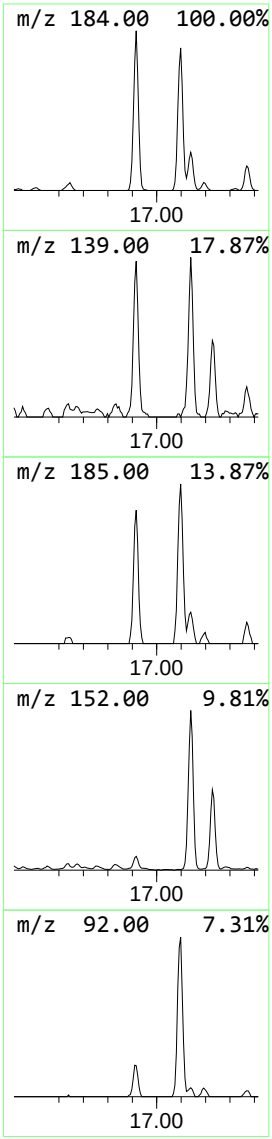
****

Peak Number 4 Naphtho[2,1-b]thiophene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.916	3.17 ng/ul	345009	Phenanthrene-d10	17.098

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	97
2	Dibenzothiophene	184	C12H8S	000132-65-0	97
3	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	95
4	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	93
5	Dibenzothiophene	184	C12H8S	000132-65-0	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062821\
Data File : BN015183.D
Acq On : 28 Jun 2021 20:14
Operator : CG/JU
Sample : M2680-07DL2 20X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BGDD3DL2

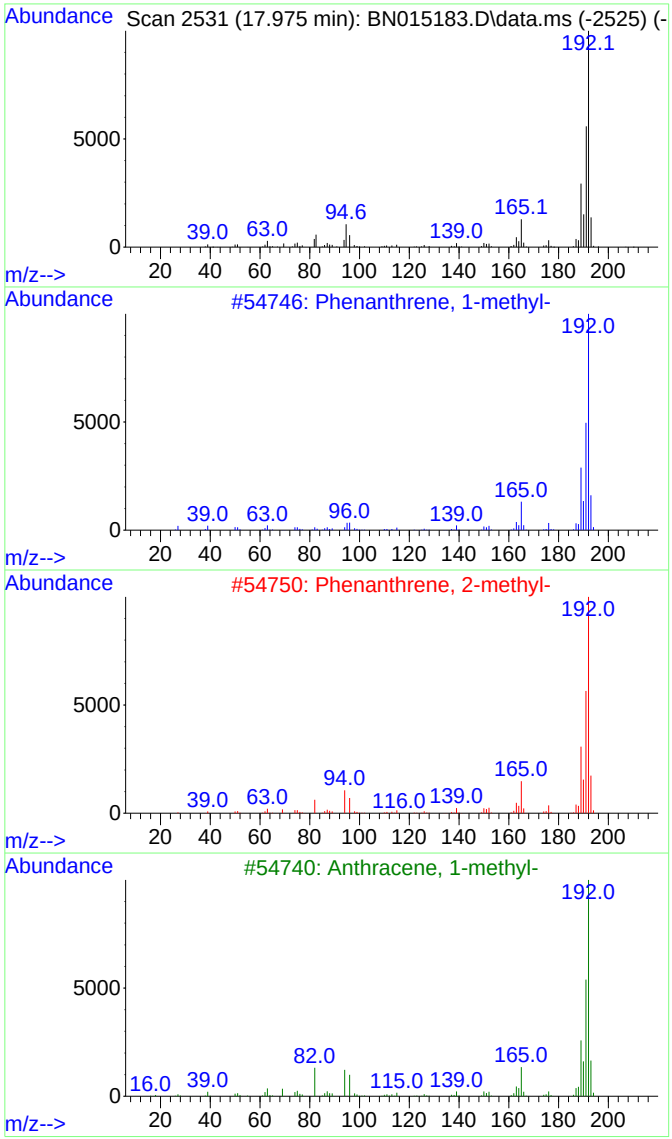
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN061821MA.M
Quant Title : SVOA CALIBRATION

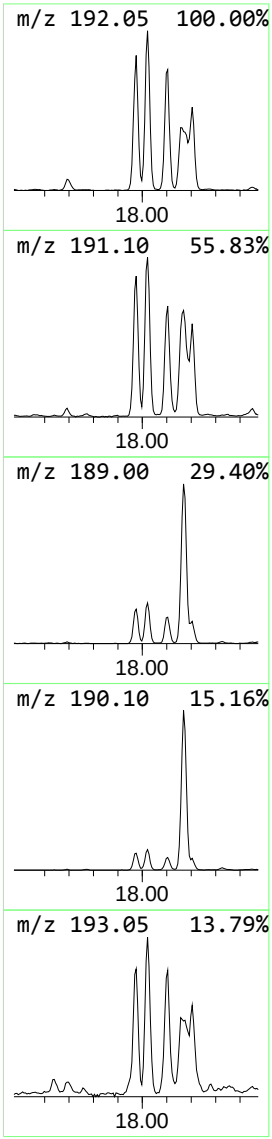
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Phenanthrene, 1-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.974	5.65 ng/ul	615452	Phenanthrene-d10	17.098

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93





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Data File : BN015183.D
Acq On : 28 Jun 2021 20:14
Operator : CG/JU
Sample : M2680-07DL2 20X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BGDD3DL2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN061821MA.M
Quant Title : SVOA CALIBRATION

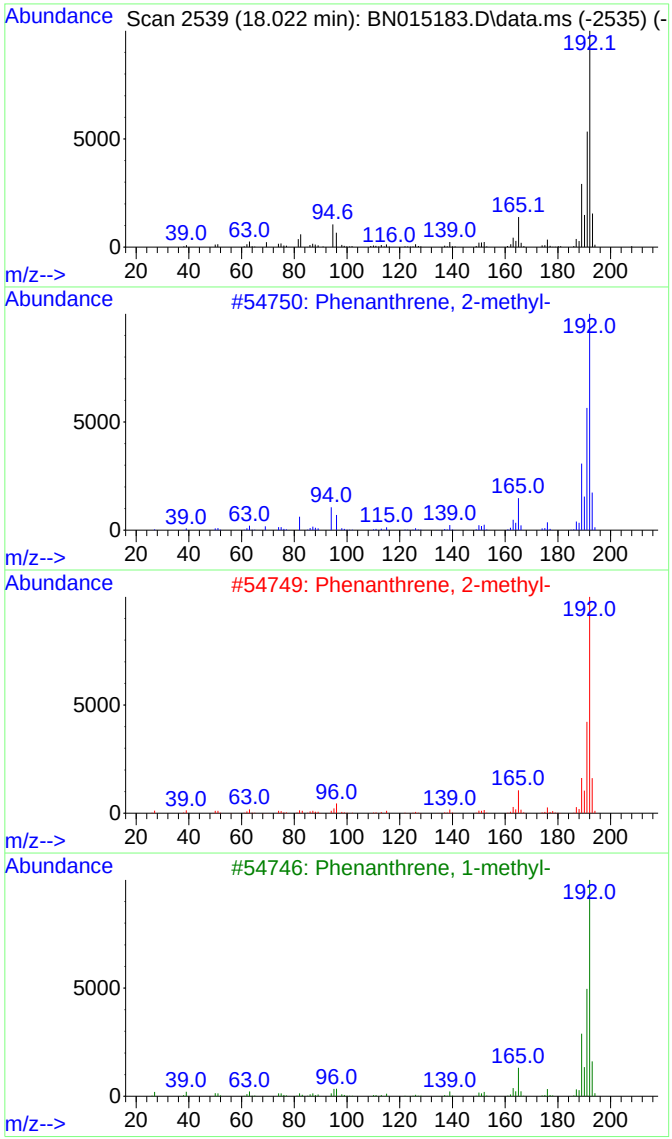
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

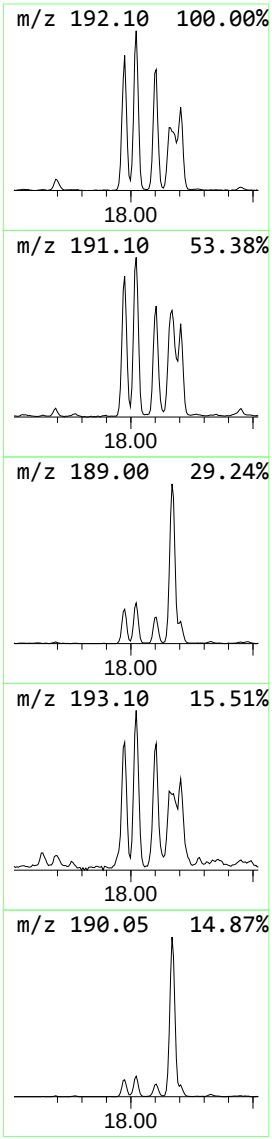
****

Peak Number 6 Phenanthrene, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.022	6.51 ng/ul	708984	Phenanthrene-d10	17.098

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96





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Data File : BN015183.D
Acq On : 28 Jun 2021 20:14
Operator : CG/JU
Sample : M2680-07DL2 20X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BGDD3DL2

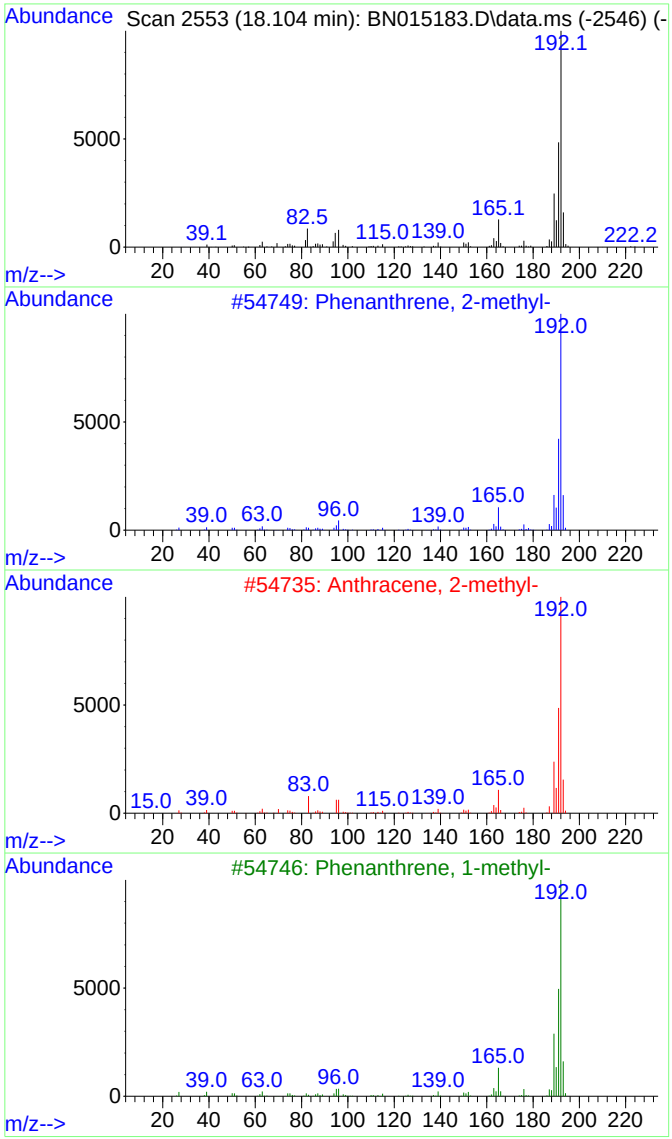
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN061821MA.M
Quant Title : SVOA CALIBRATION

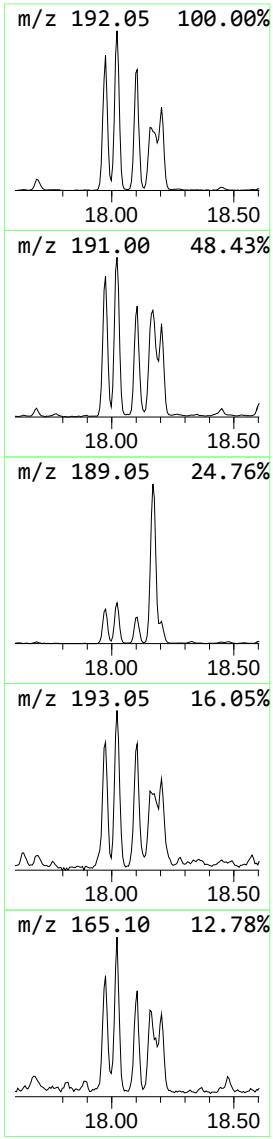
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Anthracene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.104	4.85 ng/ul	528557	Phenanthrene-d10	17.098

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96





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Acq On : 28 Jun 2021 20:14
Operator : CG/JU
Sample : M2680-07DL2 20X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BGDD3DL2

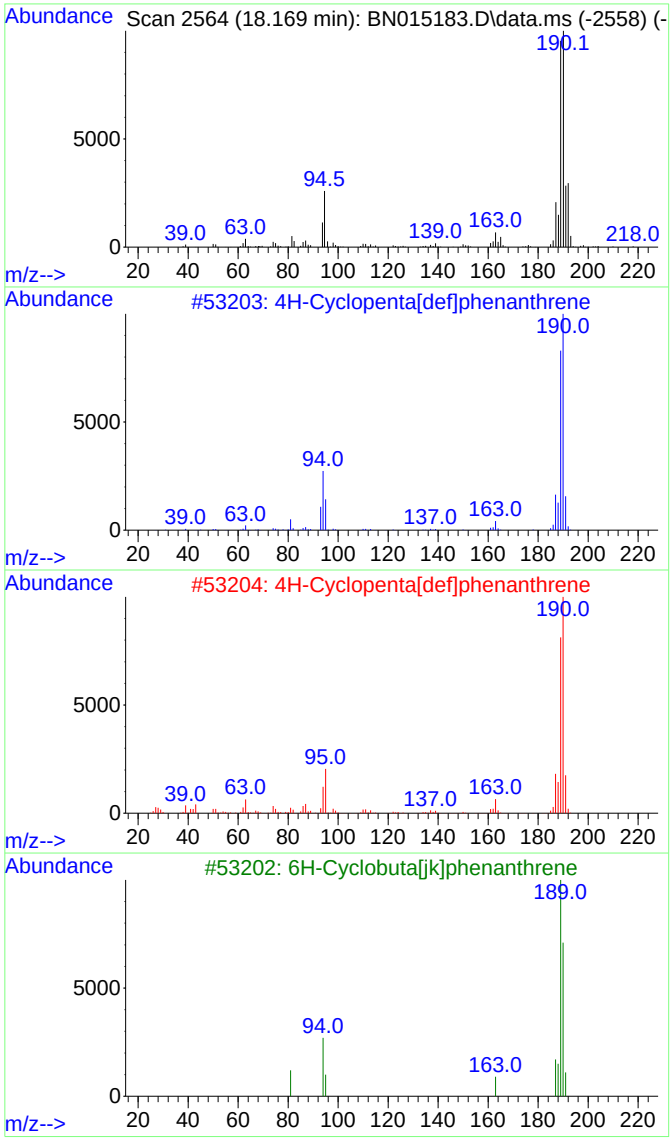
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN061821MA.M
Quant Title : SVOA CALIBRATION

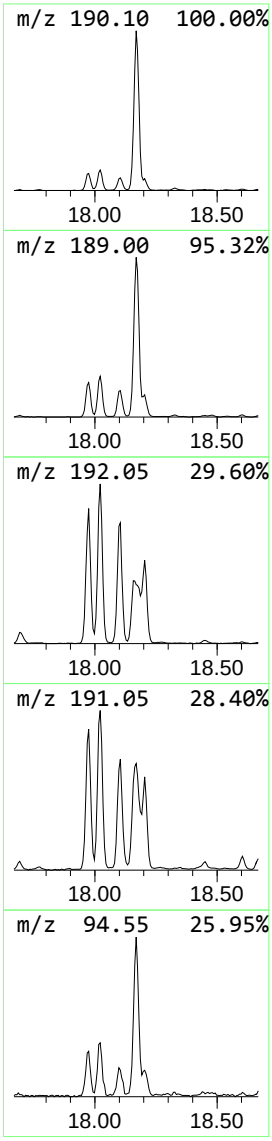
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 4H-Cyclopenta[def]phenanthrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.169	12.22 ng/ul	1330720	Phenanthrene-d10	17.098

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	94
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	76
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	64
4	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	33





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Data File : BN015183.D
Acq On : 28 Jun 2021 20:14
Operator : CG/JU
Sample : M2680-07DL2 20X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BGDD3DL2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN061821MA.M
Quant Title : SVOA CALIBRATION

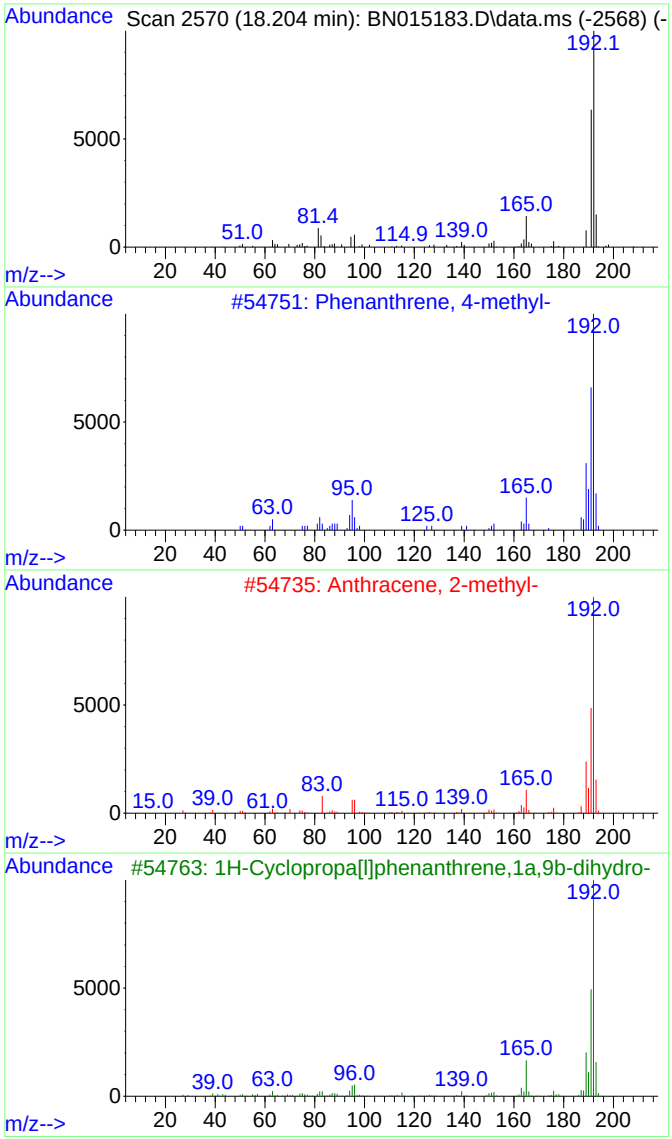
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

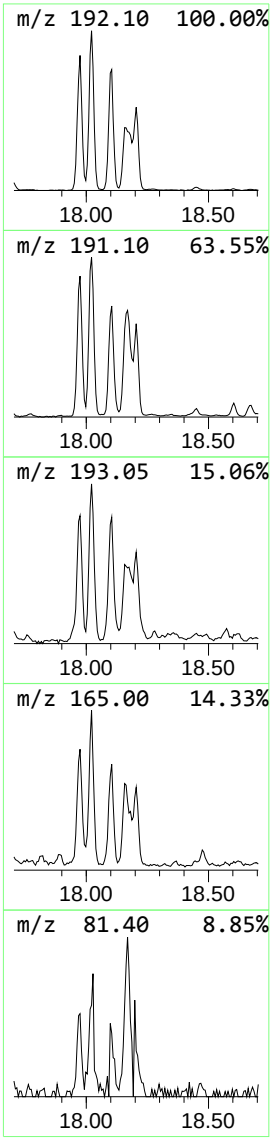
****

Peak Number 9 Phenanthrene, 4-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.204	2.86 ng/ul	311934	Phenanthrene-d10	17.098

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	90
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	90
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	90
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	90
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	90





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Data File : BN015183.D
Acq On : 28 Jun 2021 20:14
Operator : CG/JU
Sample : M2680-07DL2 20X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BGDD3DL2

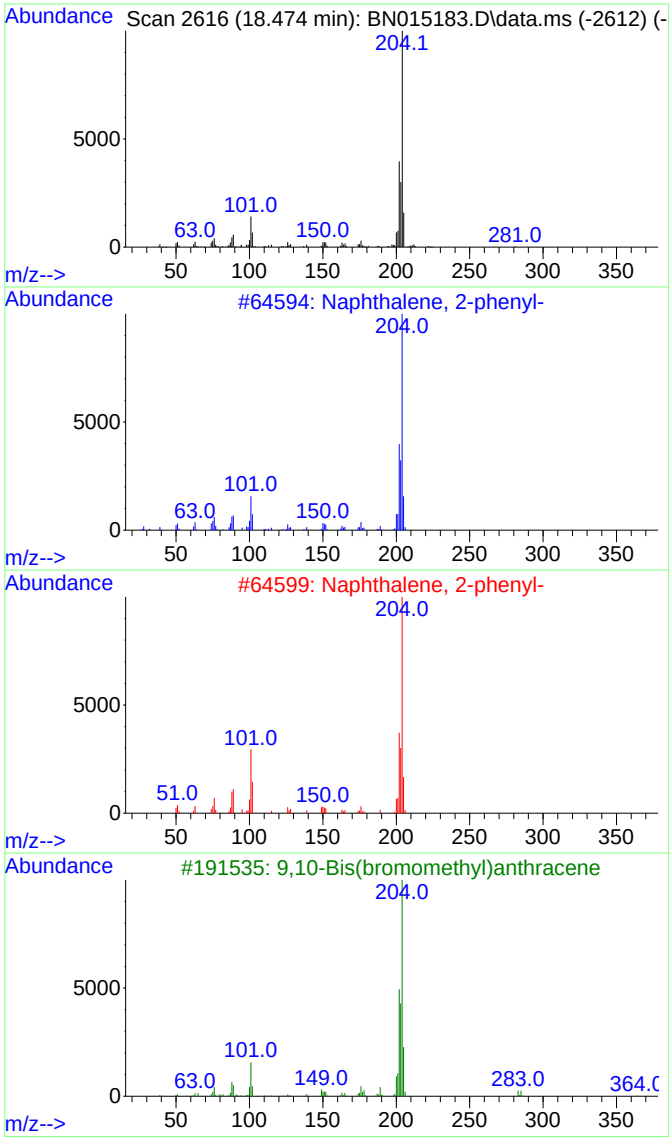
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN061821MA.M
Quant Title : SVOA CALIBRATION

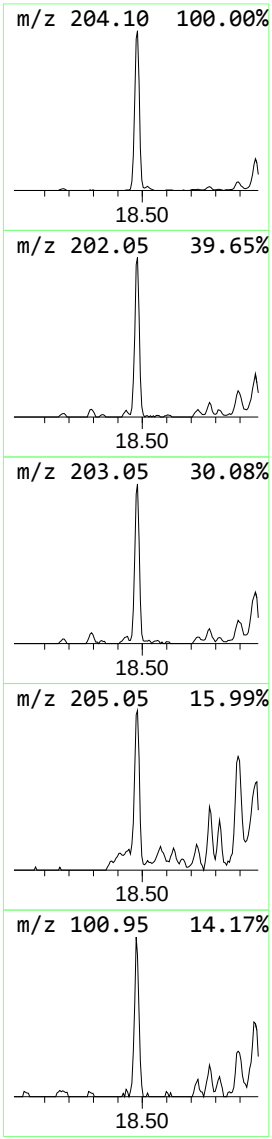
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Naphthalene, 2-phenyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.474	4.02 ng/ul	438455	Phenanthrene-d10	17.098

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	93
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	93
3	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	91
4	6-Phenylbenzocyclohepten-7-one	232	C17H12O	093327-56-1	83
5	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	78





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Acq On : 28 Jun 2021 20:14
Operator : CG/JU
Sample : M2680-07DL2 20X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BGDD3DL2

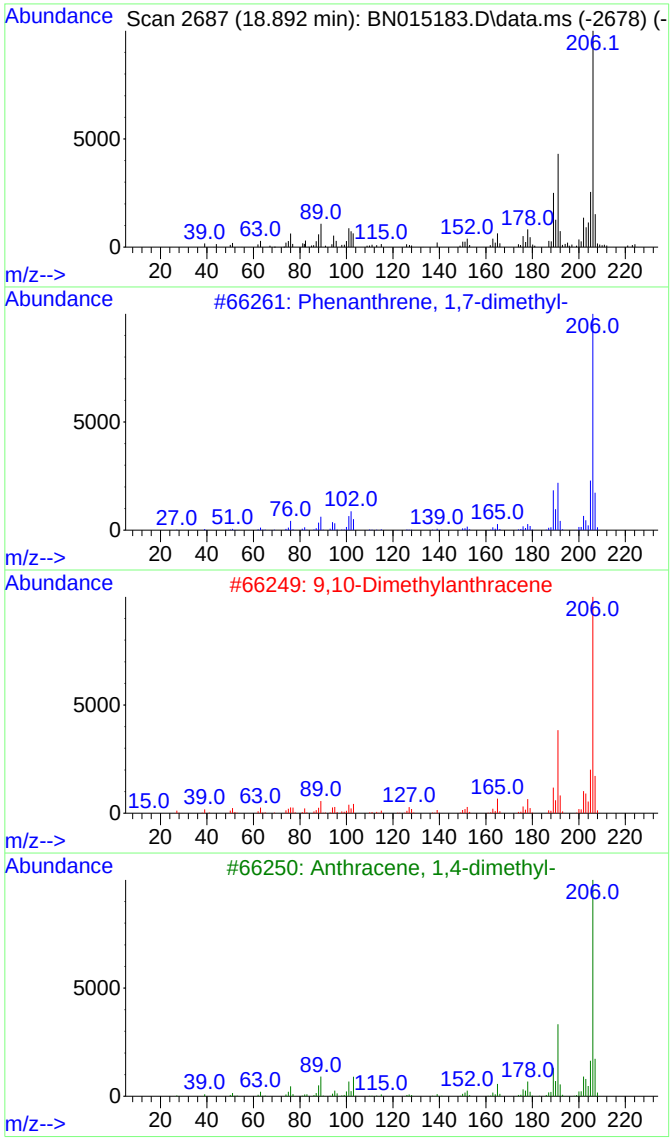
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN061821MA.M
Quant Title : SVOA CALIBRATION

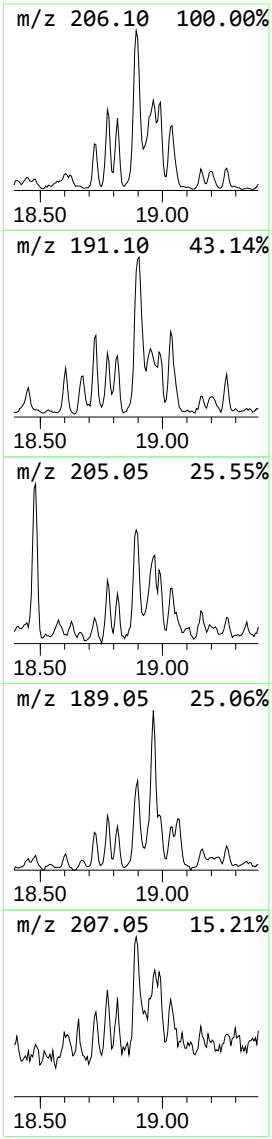
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Phenanthrene, 1,7-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.892	4.28 ng/ul	465768	Phenanthrene-d10	17.098

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	95
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	94
3	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	93
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
5	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93





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Data File : BN015183.D
Acq On : 28 Jun 2021 20:14
Operator : CG/JU
Sample : M2680-07DL2 20X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BGDD3DL2

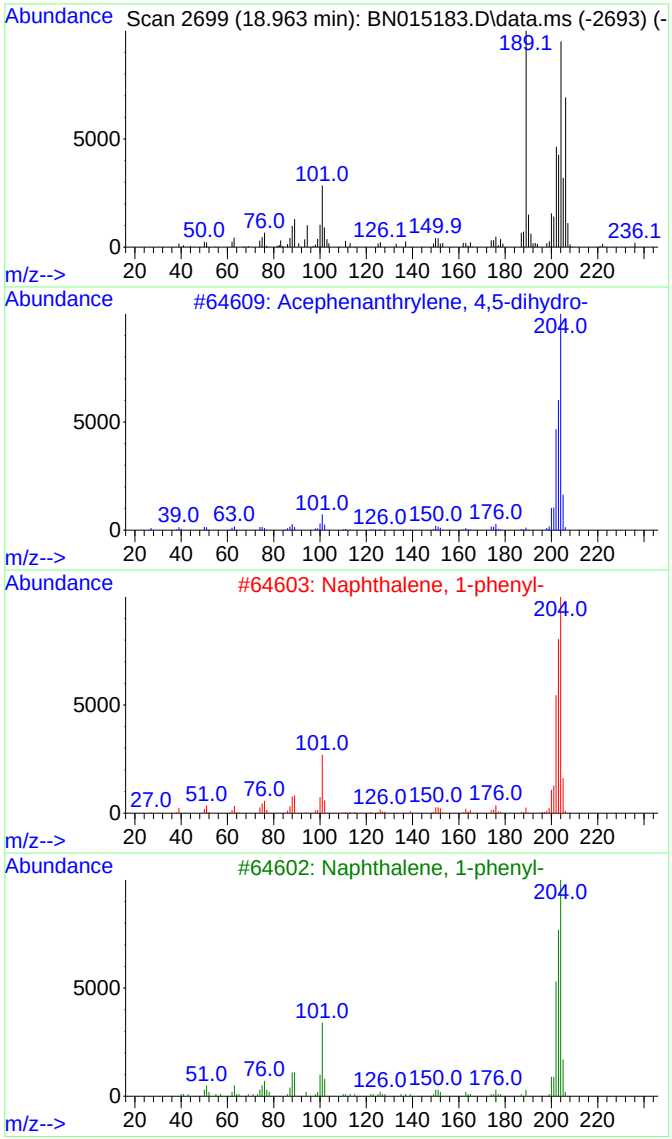
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN061821MA.M
Quant Title : SVOA CALIBRATION

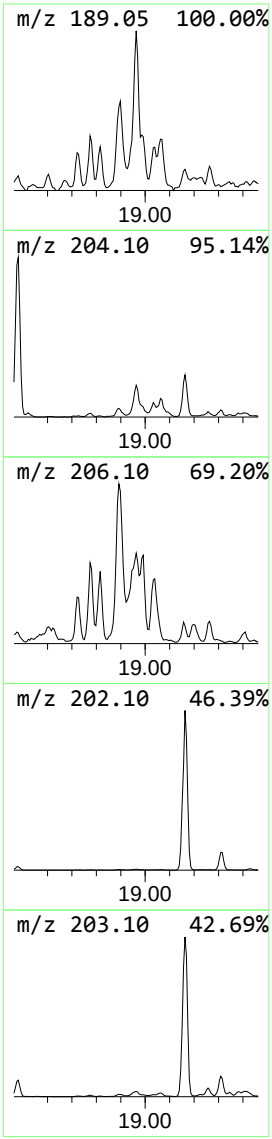
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Acephenanthrylene, 4,5-dihy... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.963	2.07 ng/ul	225059	Phenanthrene-d10	17.098

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acephenanthrylene, 4,5-dihydro-	204	C16H12	006232-48-0	84
2	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	51
3	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	49
4	Indeno[2,1-a]indene, 5,10-dihydro-	204	C16H12	006543-29-9	49
5	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	49





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Acq On : 28 Jun 2021 20:14
Operator : CG/JU
Sample : M2680-07DL2 20X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BGDD3DL2

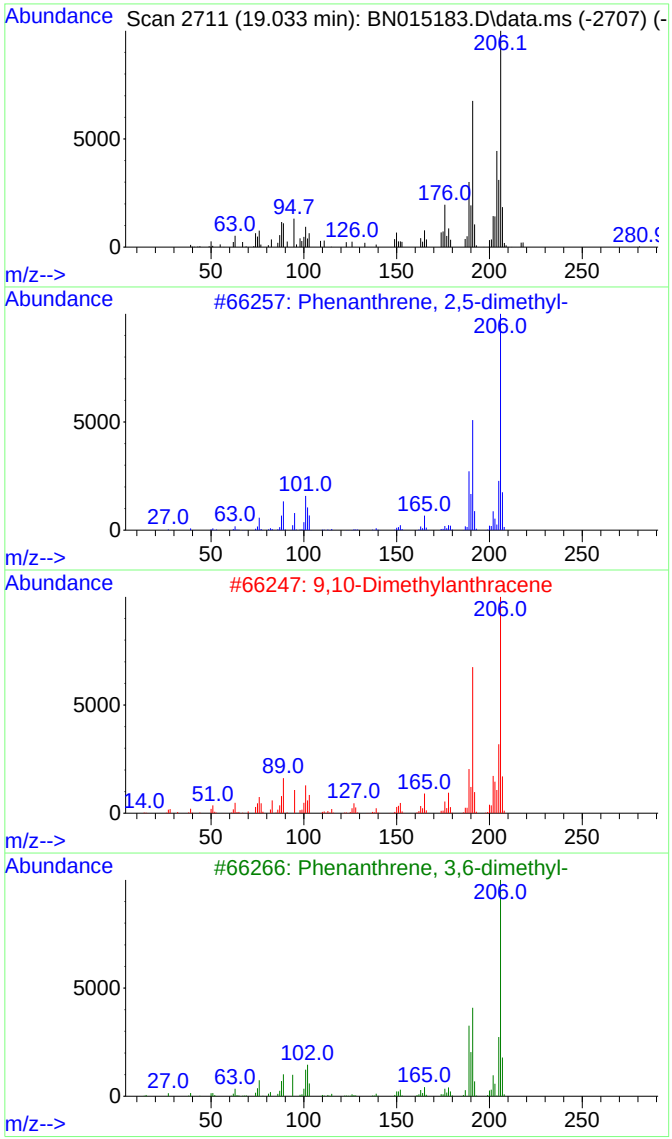
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN061821MA.M
Quant Title : SVOA CALIBRATION

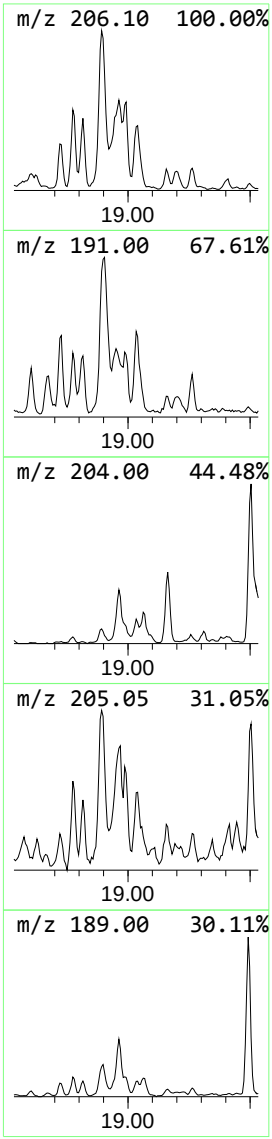
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Phenanthrene, 2,5-dimethyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.033	2.28 ng/ul	248575	Phenanthrene-d10	17.098

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	92
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	86
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	78
5	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	70





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Acq On : 28 Jun 2021 20:14
Operator : CG/JU
Sample : M2680-07DL2 20X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BGDD3DL2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN061821MA.M
Quant Title : SVOA CALIBRATION

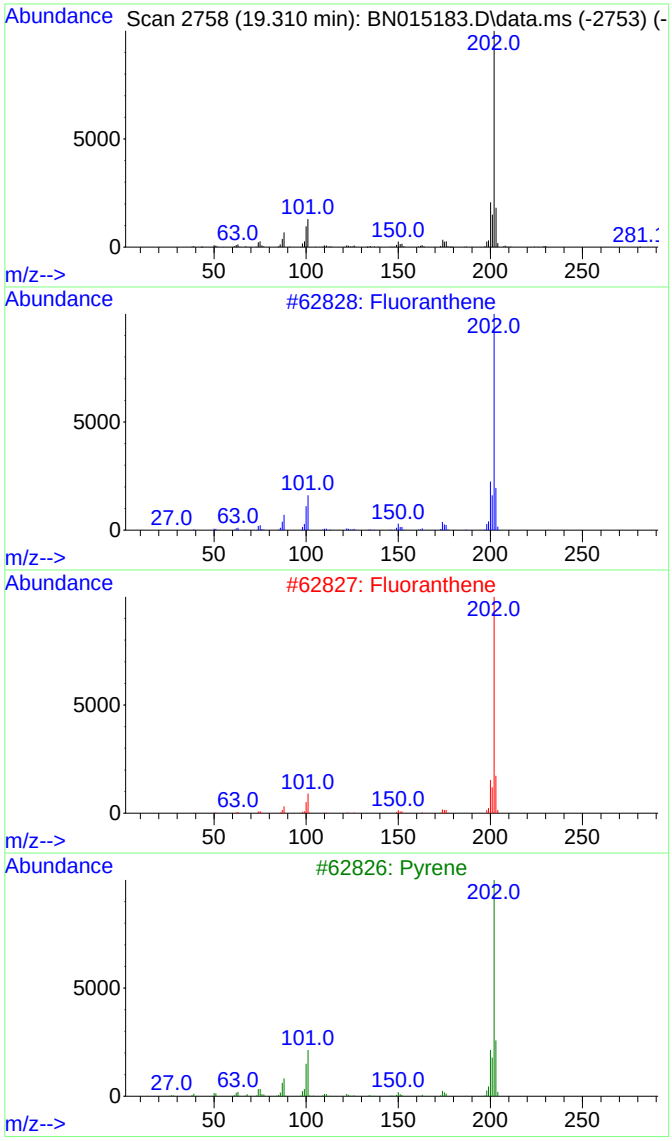
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

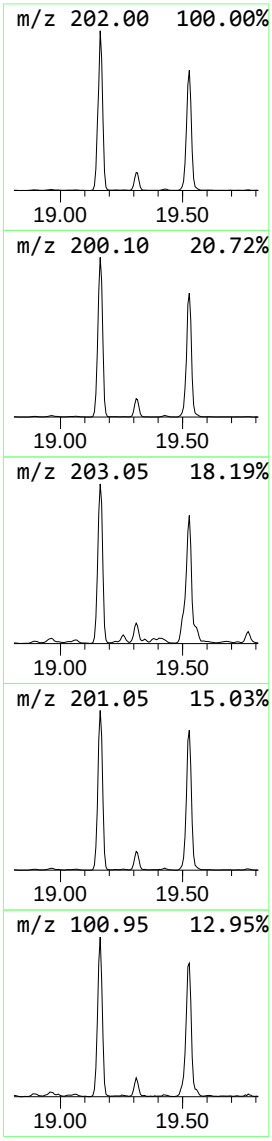
****

Peak Number 14 unknown-01 Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.310	2.29 ng/ul	651823	Chrysene-d12	21.298

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene	202	C16H10	000206-44-0	98
2	Fluoranthene	202	C16H10	000206-44-0	95
3	Pyrene	202	C16H10	000129-00-0	95
4	Pyrene	202	C16H10	000129-00-0	95
5	Pyrene	202	C16H10	000129-00-0	87





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Data File : BN015183.D
Acq On : 28 Jun 2021 20:14
Operator : CG/JU
Sample : M2680-07DL2 20X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BGDD3DL2

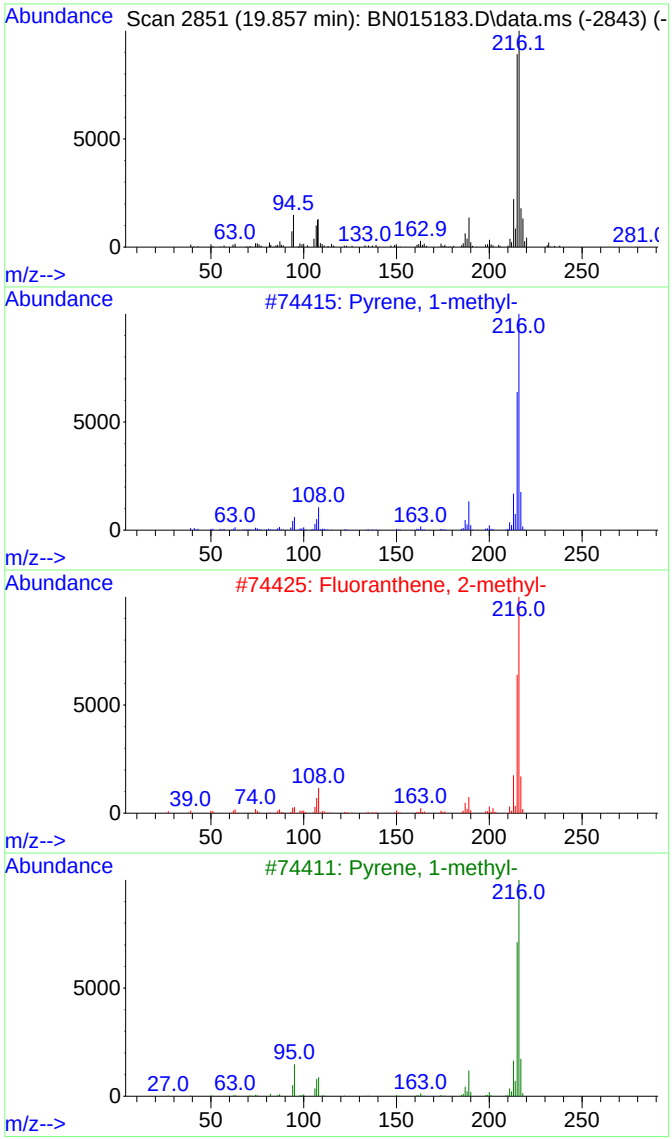
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN061821MA.M
Quant Title : SVOA CALIBRATION

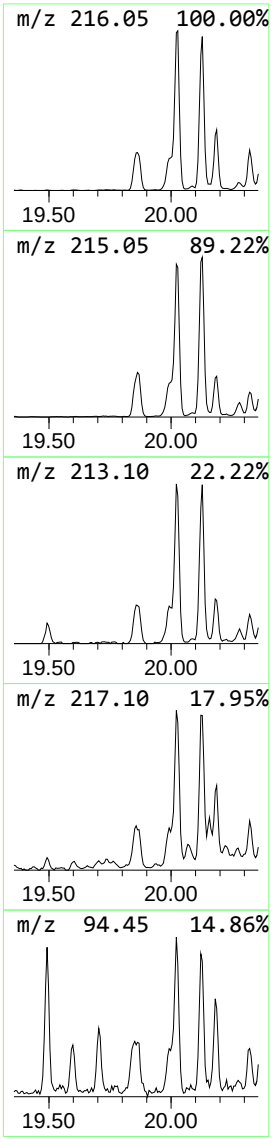
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Pyrene, 1-methyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.857	2.21 ng/ul	626634	Chrysene-d12	21.298

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	96
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94





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Data File : BN015183.D
Acq On : 28 Jun 2021 20:14
Operator : CG/JU
Sample : M2680-07DL2 20X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BGDD3DL2

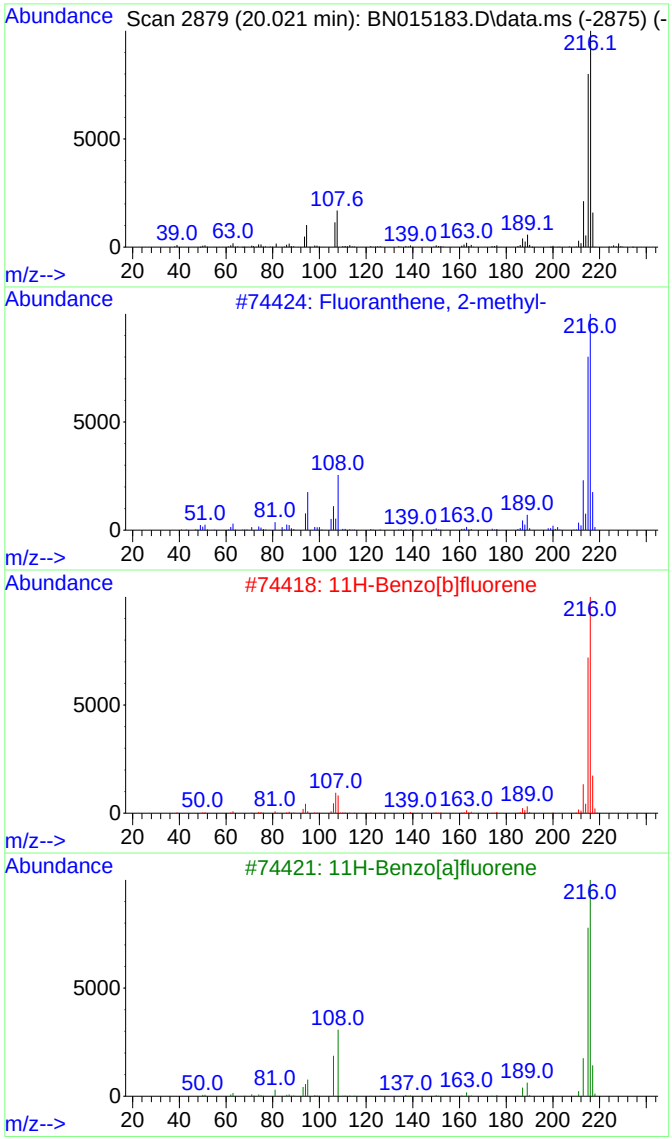
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN061821MA.M
Quant Title : SVOA CALIBRATION

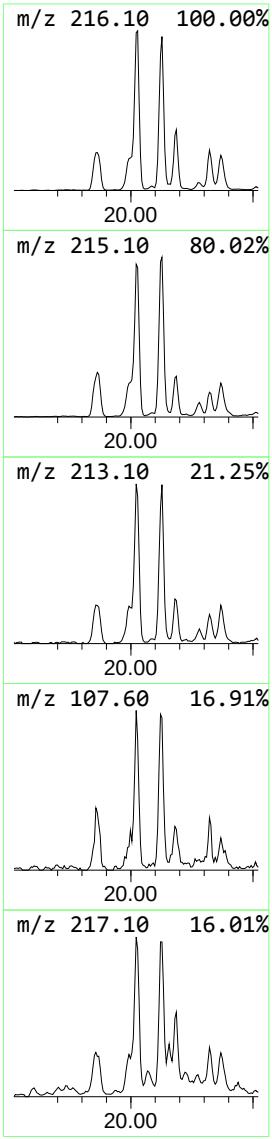
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Fluoranthene, 2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.022	3.69 ng/ul	1049430	Chrysene-d12	21.298

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	94
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	83





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Data File : BN015183.D
Acq On : 28 Jun 2021 20:14
Operator : CG/JU
Sample : M2680-07DL2 20X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BGDD3DL2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN061821MA.M
Quant Title : SVOA CALIBRATION

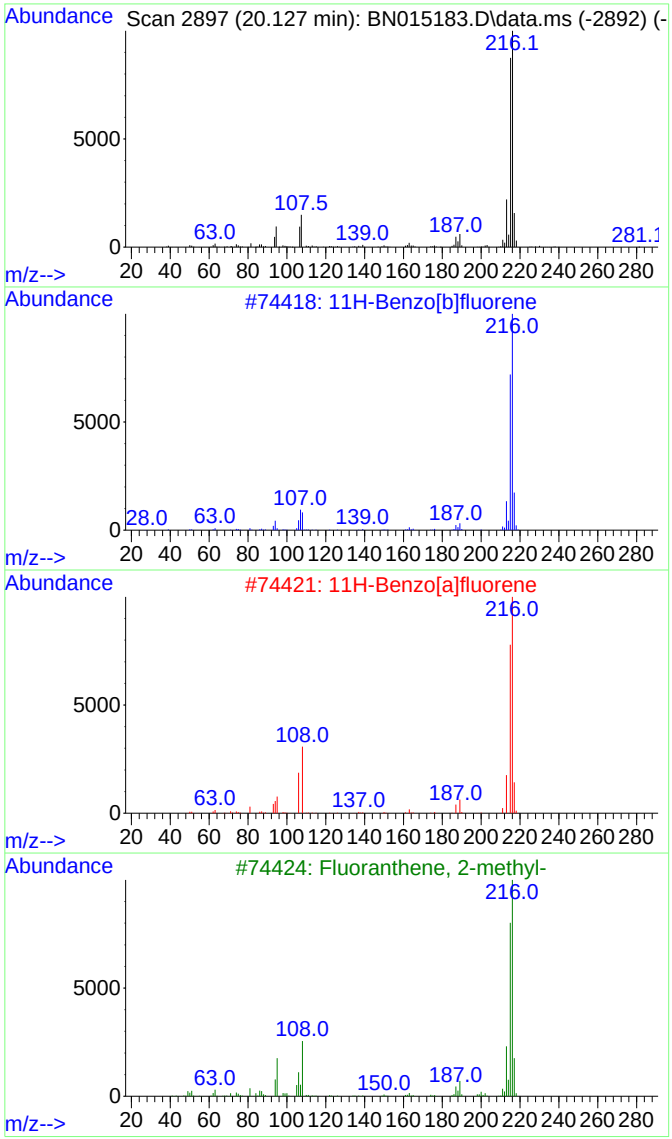
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

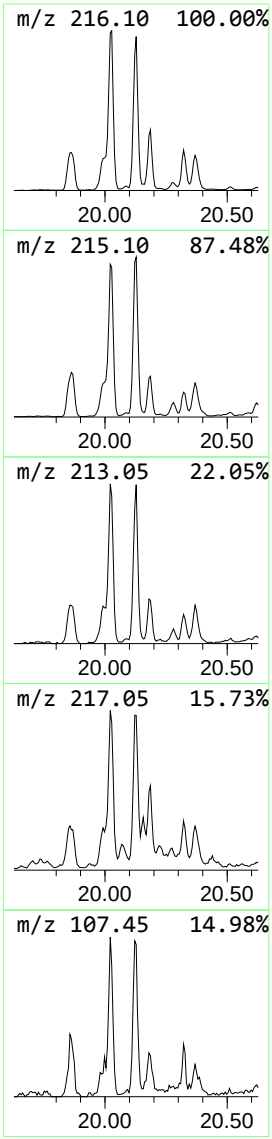
****

Peak Number 17 11H-Benzo[b]fluorene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.127	3.33 ng/ul	945775	Chrysene-d12	21.298

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	83





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Data File : BN015183.D
Acq On : 28 Jun 2021 20:14
Operator : CG/JU
Sample : M2680-07DL2 20X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BGDD3DL2

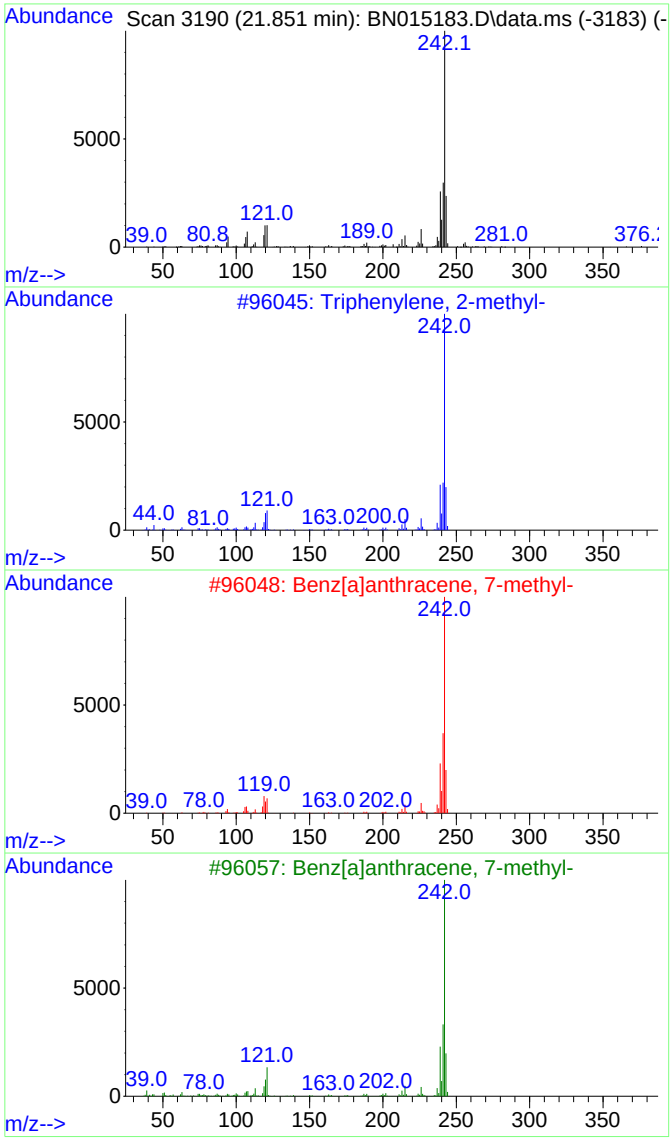
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN061821MA.M
Quant Title : SVOA CALIBRATION

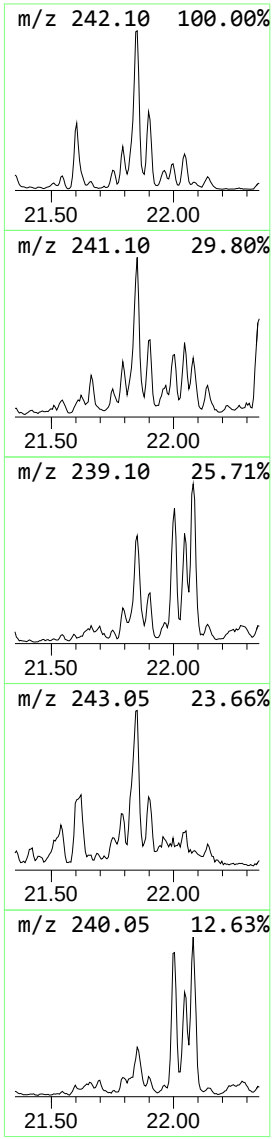
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 Triphenylene, 2-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.851	2.32 ng/ul	658961	Chrysene-d12	21.298

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triphenylene, 2-methyl-	242	C19H14	001705-84-6	95
2	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	94
3	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	94
4	Chrysene, 1-methyl-	242	C19H14	003351-28-8	94
5	Benz[a]anthracene, 8-methyl-	242	C19H14	002381-31-9	94





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Data File : BN015183.D
Acq On : 28 Jun 2021 20:14
Operator : CG/JU
Sample : M2680-07DL2 20X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BGDD3DL2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN061821MA.M
Quant Title : SVOA CALIBRATION

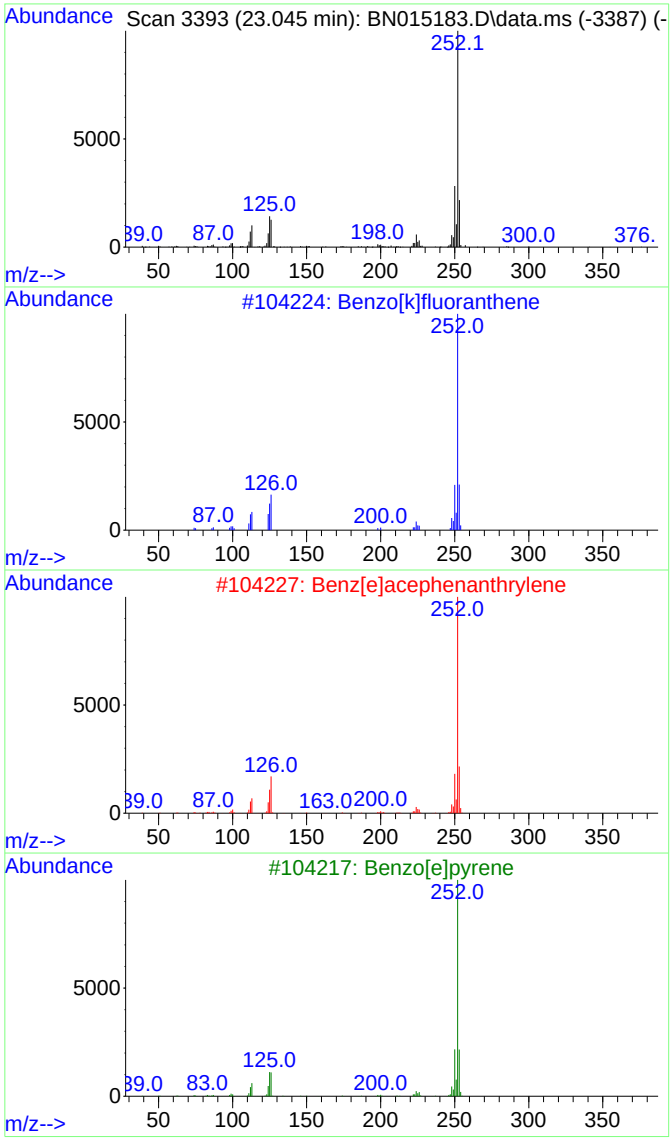
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

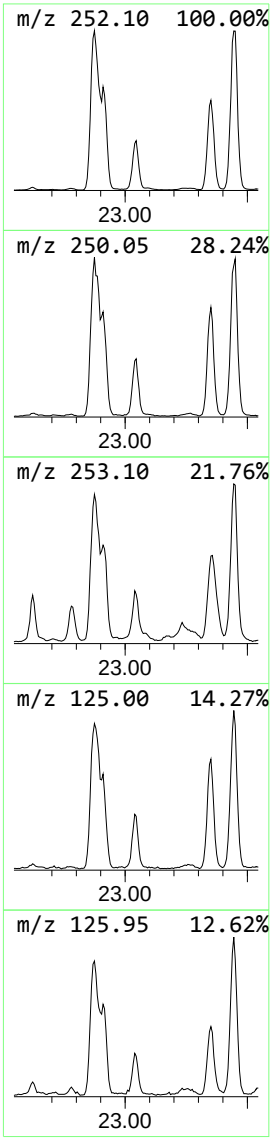
****

Peak Number 19 Benzo[e]pyrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.045	4.38 ng/ul	549660	Perylene-d12	23.545

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[k]fluoranthene	252	C20H12	000207-08-9	94
2	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	94
3	Benzo[e]pyrene	252	C20H12	000192-97-2	93
4	Perylene	252	C20H12	000198-55-0	93
5	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93





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Data File : BN015183.D
Acq On : 28 Jun 2021 20:14
Operator : CG/JU
Sample : M2680-07DL2 20X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BGDD3DL2

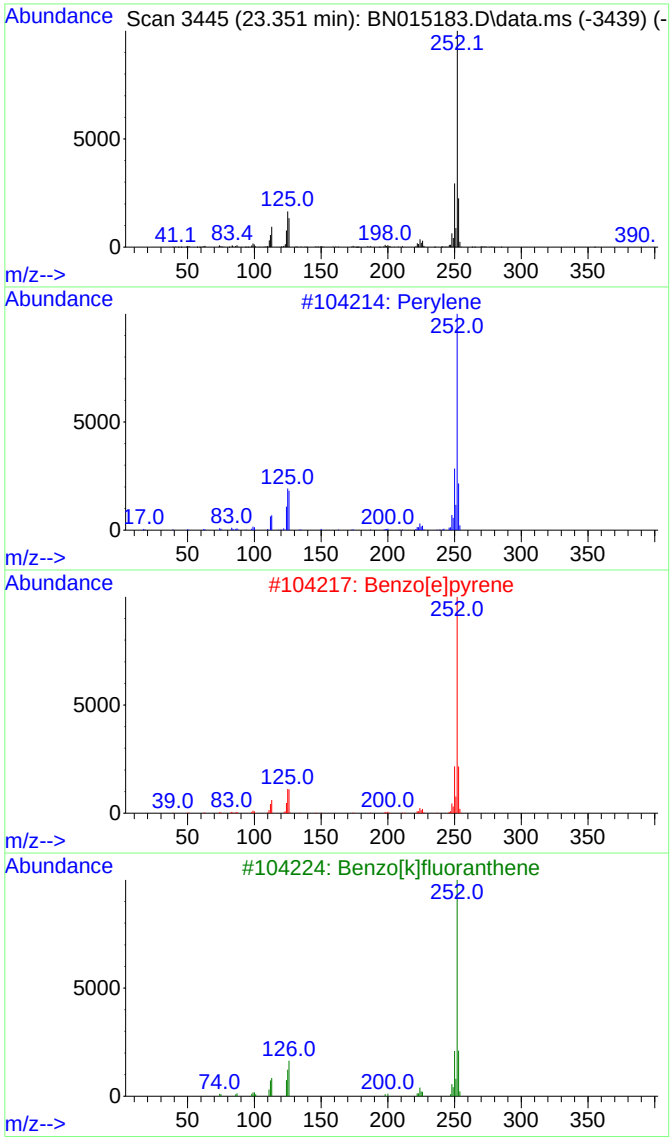
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN061821MA.M
Quant Title : SVOA CALIBRATION

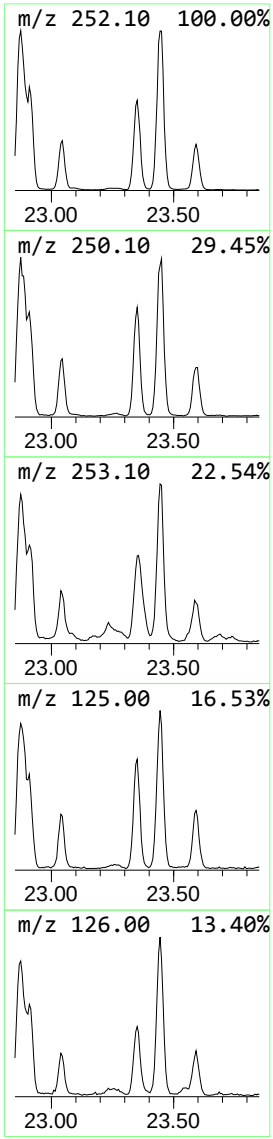
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 Perylene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.351	9.56 ng/ul	1199610	Perylene-d12	23.545

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	98
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	98
4	Perylene	252	C20H12	000198-55-0	98
5	Benzo[a]pyrene	252	C20H12	000050-32-8	96





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Data File : BN015183.D
Acq On : 28 Jun 2021 20:14
Operator : CG/JU
Sample : M2680-07DL2 20X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BGDD3DL2

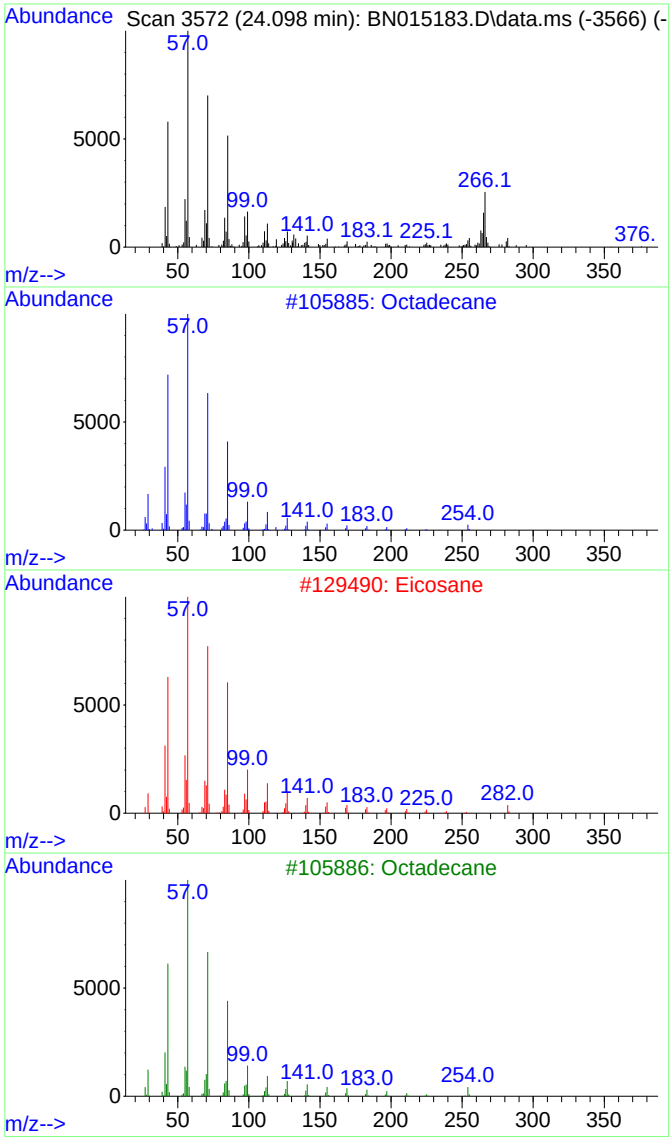
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN061821MA.M
Quant Title : SVOA CALIBRATION

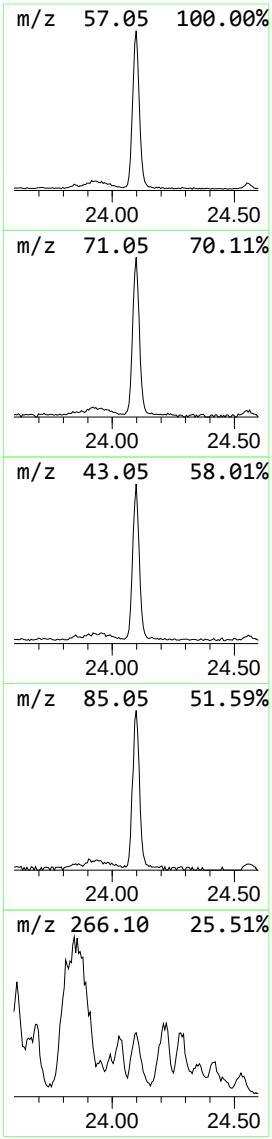
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.098	3.98 ng/ul	499488	Perylene-d12	23.545

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	98
2	Eicosane	282	C20H42	000112-95-8	96
3	Octadecane	254	C18H38	000593-45-3	95
4	Heptadecane	240	C17H36	000629-78-7	93
5	Eicosane	282	C20H42	000112-95-8	93





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Data File : BN015183.D
Acq On : 28 Jun 2021 20:14
Operator : CG/JU
Sample : M2680-07DL2 20X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BGDD3DL2

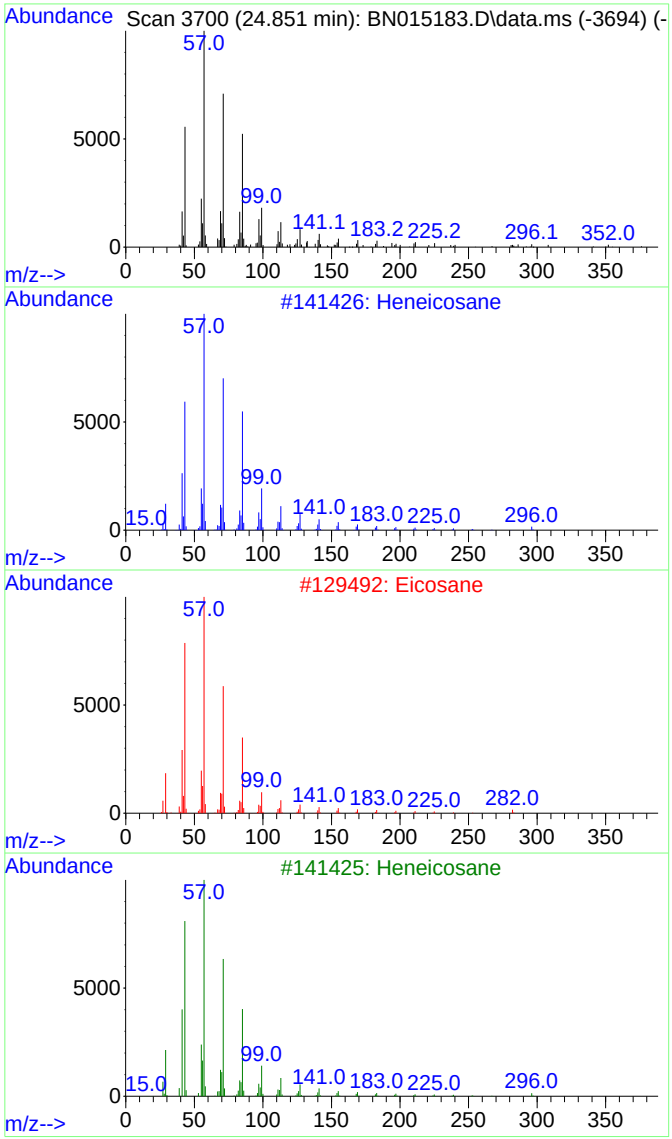
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN061821MA.M
Quant Title : SVOA CALIBRATION

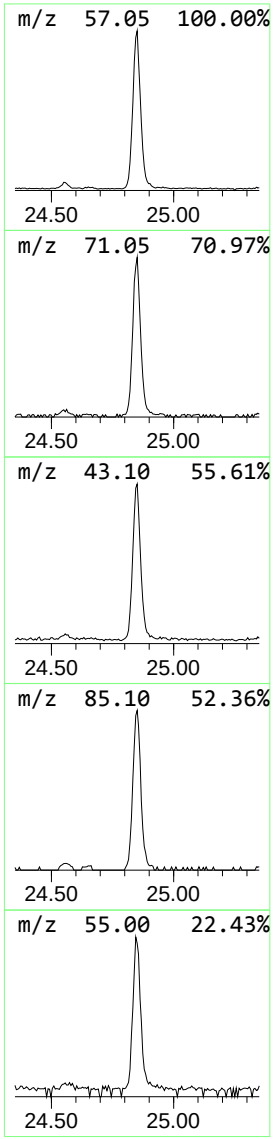
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 (DEL) Alkane: Straight-Chai... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.851	2.77 ng/ul	347494	Perylene-d12	23.545

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	96
2	Eicosane	282	C20H42	000112-95-8	94
3	Heneicosane	296	C21H44	000629-94-7	94
4	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	93
5	Heptadecane	240	C17H36	000629-78-7	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062821\
Data File : BN015183.D
Acq On : 28 Jun 2021 20:14
Operator : CG/JU
Sample : M2680-07DL2 20X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BGDD3DL2

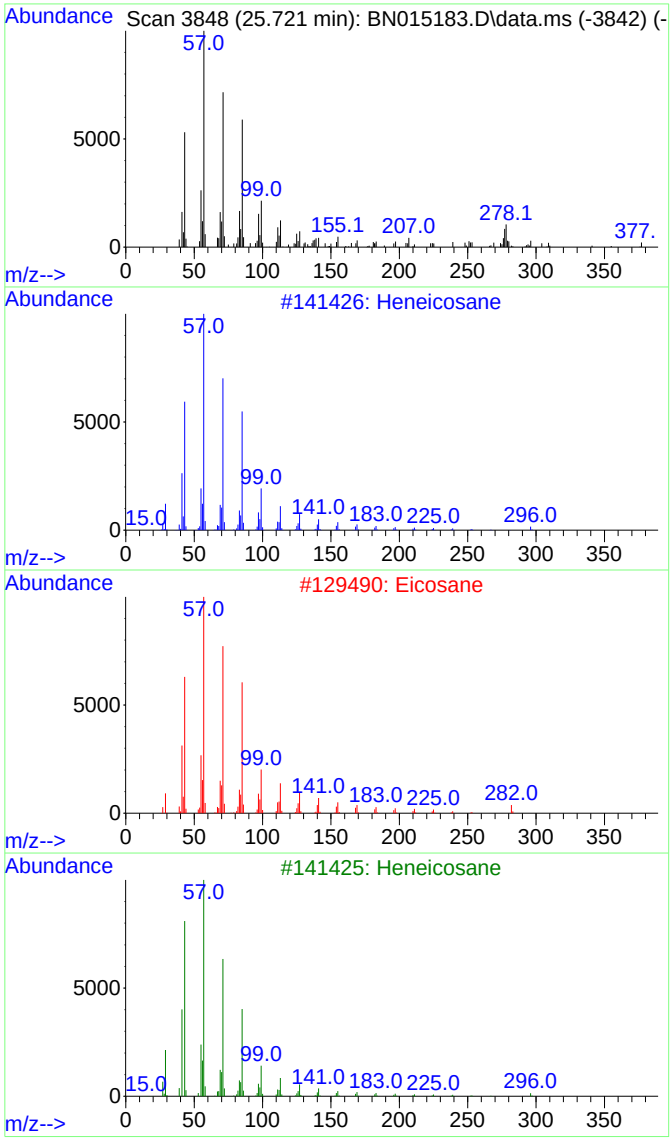
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN061821MA.M
Quant Title : SVOA CALIBRATION

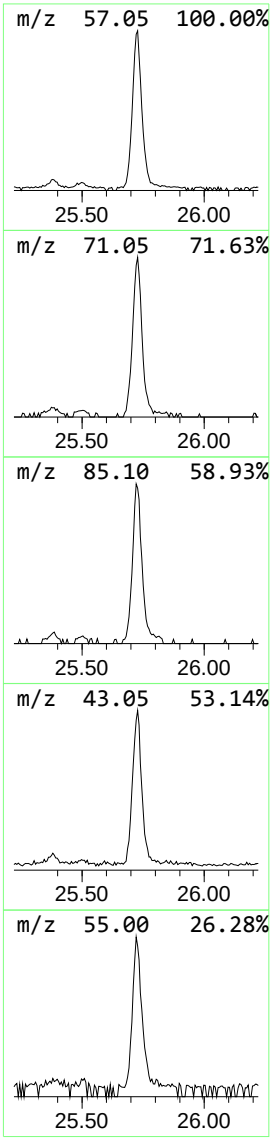
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 23 (DEL) Alkane: Straight-Chai... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.721	2.39 ng/ul	299544	Perylene-d12	23.545

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	96
2	Eicosane	282	C20H42	000112-95-8	93
3	Heneicosane	296	C21H44	000629-94-7	91
4	Hexacosane	366	C26H54	000630-01-3	87
5	2-methyloctacosane	408	C29H60	1000376-72-8	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062821\
Data File : BN015183.D
Acq On : 28 Jun 2021 20:14
Operator : CG/JU
Sample : M2680-07DL2 20X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BGDD3DL2

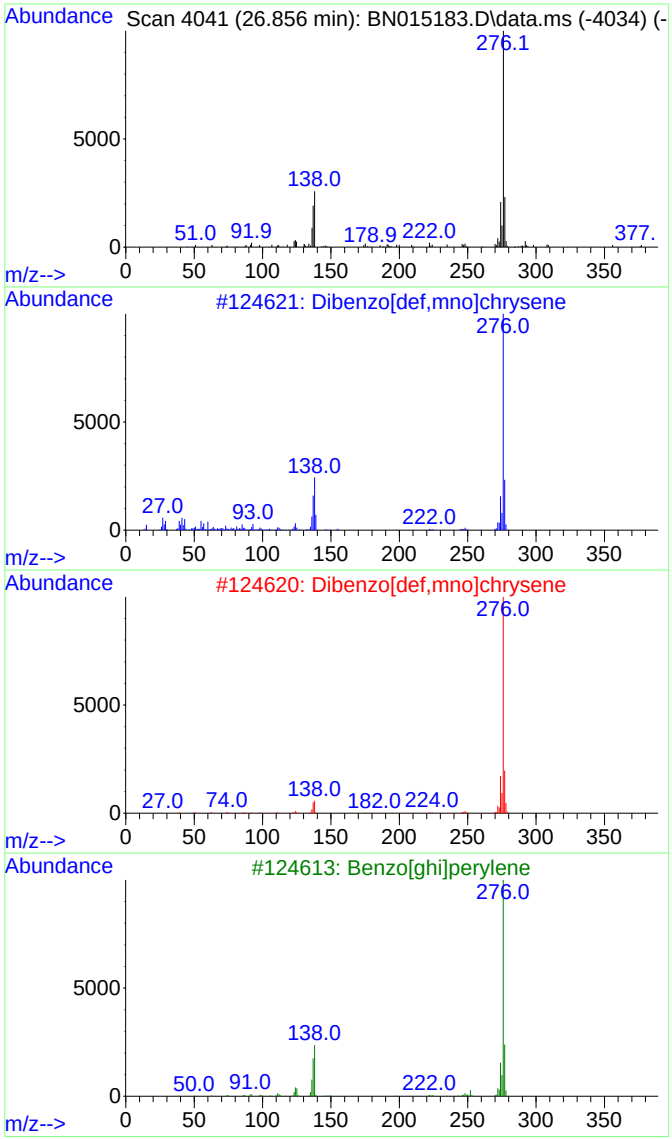
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN061821MA.M
Quant Title : SVOA CALIBRATION

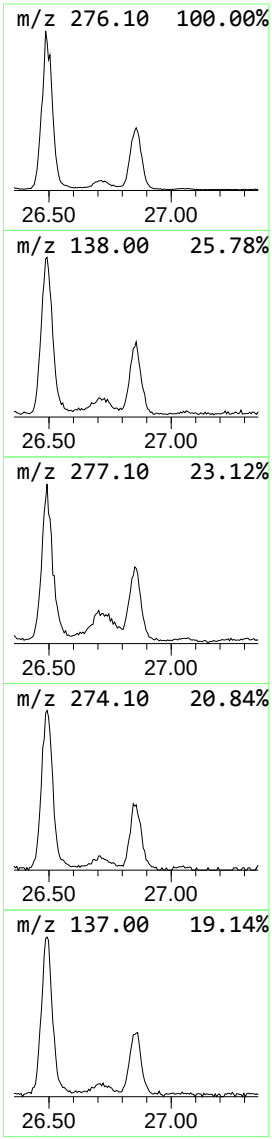
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 24 Dibenzo[def,mno]chrysene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.856	3.91 ng/ul	491086	Perylene-d12	23.545

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzo[def,mno]chrysene	276	C22H12	000191-26-4	93
2	Dibenzo[def,mno]chrysene	276	C22H12	000191-26-4	91
3	Benzo[ghi]perylene	276	C22H12	000191-24-2	91
4	Benzo[ghi]perylene	276	C22H12	000191-24-2	90
5	Dibenzo[def,mno]chrysene	276	C22H12	000191-26-4	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062821\
Data File : BN015183.D
Acq On : 28 Jun 2021 20:14
Operator : CG/JU
Sample : M2680-07DL2 20X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BGDD3DL2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN061821MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
[1,1'-Biphenyl]...	15.692	3.5	ng/ul	319623	3	14.351	1838640	20.0
Dibenzofuran, 4...	15.845	4.6	ng/ul	497132	4	17.098	2178700	20.0
9H-Fluorene, 2-...	16.404	2.8	ng/ul	300981	4	17.098	2178700	20.0
Naphtho[2,1-b]t...	16.916	3.2	ng/ul	345009	4	17.098	2178700	20.0
Phenanthrene, 1...	17.974	5.7	ng/ul	615452	4	17.098	2178700	20.0
Phenanthrene, 2...	18.022	6.5	ng/ul	708984	4	17.098	2178700	20.0
Anthracene, 2-m...	18.104	4.8	ng/ul	528557	4	17.098	2178700	20.0
4H-Cyclopenta[d...	18.169	12.2	ng/ul	1330720	4	17.098	2178700	20.0
Phenanthrene, 4...	18.204	2.9	ng/ul	311934	4	17.098	2178700	20.0
Naphthalene, 2-...	18.474	4.0	ng/ul	438455	4	17.098	2178700	20.0
Phenanthrene, 1...	18.892	4.3	ng/ul	465768	4	17.098	2178700	20.0
Acephenanthryle...	18.963	2.1	ng/ul	225059	4	17.098	2178700	20.0
Phenanthrene, 2...	19.033	2.3	ng/ul	248575	4	17.098	2178700	20.0
unknown-01	19.310	2.3	ng/ul	651823	5	21.298	5682780	20.0
Pyrene, 1-methyl-	19.857	2.2	ng/ul	626634	5	21.298	5682780	20.0
Fluoranthene, 2...	20.022	3.7	ng/ul	1049430	5	21.298	5682780	20.0
11H-Benzo[b]flu...	20.127	3.3	ng/ul	945775	5	21.298	5682780	20.0
Triphenylene, 2...	21.851	2.3	ng/ul	658961	5	21.298	5682780	20.0
Benzo[e]pyrene	23.045	4.4	ng/ul	549660	6	23.545	2510510	20.0
Perylene	23.351	9.6	ng/ul	1199610	6	23.545	2510510	20.0
(DEL) Alkane: S...	24.098	4.0	ng/ul	499488	6	23.545	2510510	20.0
(DEL) Alkane: S...	24.851	2.8	ng/ul	347494	6	23.545	2510510	20.0
(DEL) Alkane: S...	25.721	2.4	ng/ul	299544	6	23.545	2510510	20.0
Dibenzo[def,mno...	26.856	3.9	ng/ul	491086	6	23.545	2510510	20.0