LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062521\
Data File : BN015055.D
Acq On : 25 Jun 2021 00:26
Operator : CG/JU
Sample : M2682-13
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BGDM4

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: BN015055.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.681	97	101	110	rBV2	170142	284395	4.13%	0.361%
2	3.781	114	118	125	rVV	168830	222041	3.23%	0.282%
3	4.534	242	246	256	rVB	72866	100206	1.46%	0.127%
4	5.411	390	395	406	rVB	67011	134417	1.95%	0.171%
5	6.893	639	647	656	rBV	349484	564444	8.21%	0.717%
6	7.063	670	676	685	rBV	263640	421163	6.12%	0.535%
7	7.263	703	710	718	rVB	345364	551165	8.01%	0.700%
8	7.728	782	789	796	rVB	570462	890502	12.95%	1.131%
9	8.416	900	906	915	rBV	321000	513739	7.47%	0.653%
10	8.869	977	983	991	rVB	304344	489765	7.12%	0.622%
11	9.587	1098	1105	1112	rVB	219340	345075	5.02%	0.438%
12	10.116	1189	1195	1206	rVB	384824	631323	9.18%	0.802%
13	10.499	1253	1260	1266	rBV	783286	1270962	18.48%	1.615%
14	10.628	1275	1282	1291	rBV	266972	468218	6.81%	0.595%
15	13.763	1809	1815	1820	rVB	681173	937804	13.63%	1.191%
16	14.040	1856	1862	1877	rBV	781611	1264744	18.39%	1.607%
17	14.351	1907	1915	1922	rBV	1099631	1604126	23.32%	2.038%
18	14.539	1941	1947	1957	rBV	208162	306439	4.46%	0.389%
19	14.757	1978	1984	1992	rVV2	59271	129282	1.88%	0.164%
20	15.345	2078	2084	2090	rBV	1028529	1480116	21.52%	1.880%
21	15.404	2090	2094	2099	rVB2	67700	96646	1.41%	0.123%
22	15.457	2099	2103	2108	rBV	114889	152934	2.22%	0.194%
23	15.775	2152	2157	2162	rVV	112606	133122	1.94%	0.169%
24	15.845	2162	2169	2176	rVB2	42501	85382	1.24%	0.108%
25	16.751	2318	2323	2331	rVB	66148	110907	1.61%	0.141%
26	16.833	2331	2337	2342	rBV2	48732	95723	1.39%	0.122%
27	16.916	2348	2351	2360	rVB	82080	126352	1.84%	0.161%
28	17.098	2376	2382	2386	rBV	1307739	1906928	27.72%	2.423%
29	17.139	2386	2389	2394	rVV	1648994	2204127	32.05%	2.800%
30	17.198	2394	2399	2402	rVV2	1118828	1658308	24.11%	2.107%
31	17.228	2402	2404	2410	rVV	513057	692470	10.07%	0.880%
32	17.286	2410	2414	2420	rVV	83329	112264	1.63%	0.143%
33	17.498	2441	2450	2454	rBV2	174233	308736	4.49%	0.392%
34	17.975	2522	2531	2534	rBV	254666	397826	5.78%	0.505%
35	18.022	2534	2539	2546	rVB	417836	655552	9.53%	0.833%
36	18.104	2548	2553	2558	rBV	203865	278060	4.04%	0.353%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062521\
Data File : BN015055.D
Acq On : 25 Jun 2021 00:26
Operator : CG/JU
Sample : M2682-13
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BGDM4

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	18.169	2558	2564	2568	rBV3	311088	598638	8.70%	0.761%
38	18.210	2568	2571	2577	rVB	191752	253532	3.69%	0.322%
39	18.316	2585	2589	2595	rVB3	64667	95365	1.39%	0.121%
40	18.480	2612	2617	2620	rVV	220508	303809	4.42%	0.386%
41	18.516	2620	2623	2629	rVB	85676	117185	1.70%	0.149%
42	18.727	2655	2659	2663	rBV	77751	97779	1.42%	0.124%
43	18.780	2663	2668	2671	rBV	90029	118048	1.72%	0.150%
44	18.816	2671	2674	2678	rVB2	96323	129764	1.89%	0.165%
45	18.898	2678	2688	2693	rBV2	225567	484996	7.05%	0.616%
46	18.963	2693	2699	2702	rVV4	144909	329804	4.79%	0.419%
47	18.992	2702	2704	2707	rVV	108336	121617	1.77%	0.155%
48	19.039	2707	2712	2721	rVB	235308	408535	5.94%	0.519%
49	19.163	2727	2733	2740	rVV	3906409	5408022	78.63%	6.871%
50	19.263	2747	2750	2753	rVV3	80331	106340	1.55%	0.135%
51	19.310	2754	2758	2762	rVB2	108150	162845	2.37%	0.207%
52	19.404	2772	2774	2778	rVB	76031	87689	1.27%	0.111%
53	19.498	2784	2790	2792	rBV2	1944314	2769948	40.27%	3.519%
54	19.527	2792	2795	2803	rVV	2997032	4019965	58.45%	5.107%
55	19.598	2803	2807	2815	rVB2	213050	392130	5.70%	0.498%
56	19.710	2815	2826	2831	rBV	320410	578181	8.41%	0.735%
57	19.763	2831	2835	2842	rVB	203757	328311	4.77%	0.417%
58	19.863	2844	2852	2861	rBV4	301805	880328	12.80%	1.118%
59	19.986	2869	2873	2875	rVV3	220296	316814	4.61%	0.403%
60	20.022	2876	2879	2884	rVB	437166	607006	8.83%	0.771%
61	20.069	2884	2887	2890	rBV3	82465	95904	1.39%	0.122%
62	20.127	2892	2897	2900	rBV	257385	331540	4.82%	0.421%
63	20.180	2900	2906	2911	rBV2	465205	773689	11.25%	0.983%
64	20.263	2917	2920	2926	rVB3	87372	129524	1.88%	0.165%
65	20.322	2926	2930	2934	rBV2	222381	275770	4.01%	0.350%
66	20.369	2934	2938	2943	rBV2	213137	331899	4.83%	0.422%
67	20.516	2961	2963	2968	rVB	92402	94056	1.37%	0.119%
68	20.733	2997	3000	3002	rVV3	64122	93869	1.36%	0.119%
69	20.774	3002	3007	3013	rVB	448583	666849	9.70%	0.847%
70	20.939	3028	3035	3038	rBV2	331671	627363	9.12%	0.797%
71	20.980	3038	3042	3045	rVV	453369	599404	8.71%	0.762%
72	21.021	3045	3049	3053	rVV2	474096	874213	12.71%	1.111%
73	21.069	3053	3057	3064	rVB2	412374	630337	9.16%	0.801%
74	21.180	3069	3076	3080	rBV2	162140	381428	5.55%	0.485%
75	21.221	3080	3083	3085	rVV2	170162	183216	2.66%	0.233%
76	21.245	3085	3087	3088	rVV	145305	130446	1.90%	0.166%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062521\
Data File : BN015055.D
Acq On : 25 Jun 2021 00:26
Operator : CG/JU
Sample : M2682-13
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BGDM4

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	21.280	3088	3093	3099	rVV3	3584066	6878102	100.00%	8.739%
78	21.333	3099	3102	3111	rVB	2631099	3319118	48.26%	4.217%
79	21.451	3118	3122	3127	rBV3	284486	532593	7.74%	0.677%
80	21.604	3144	3148	3154	rBV4	239986	432442	6.29%	0.549%
81	21.651	3154	3156	3160	rVB3	79801	102374	1.49%	0.130%
82	21.751	3170	3173	3176	rBV3	82290	105638	1.54%	0.134%
83	21.792	3177	3180	3183	rVV2	157473	210464	3.06%	0.267%
84	21.845	3183	3189	3193	rVV	595066	1004337	14.60%	1.276%
85	21.898	3194	3198	3203	rVB	363157	504877	7.34%	0.641%
86	21.998	3213	3215	3218	rVB	148636	145407	2.11%	0.185%
87	22.045	3219	3223	3226	rVV	267849	408616	5.94%	0.519%
88	22.074	3226	3228	3234	rVB3	242684	314013	4.57%	0.399%
89	22.151	3235	3241	3250	rVB4	228005	529660	7.70%	0.673%
90	22.874	3357	3364	3369	rBV	2285374	5665221	82.37%	7.198%
91	23.039	3387	3392	3398	rVB	547785	867431	12.61%	1.102%
92	23.174	3410	3415	3417	rBV3	154822	278500	4.05%	0.354%
93	23.351	3440	3445	3449	rBV2	517699	1011769	14.71%	1.285%
94	23.398	3449	3453	3456	rVV	639921	1067965	15.53%	1.357%
95	23.445	3456	3461	3469	rVB	1461491	2676991	38.92%	3.401%
96	23.545	3470	3478	3483	rBV2	1020784	2134582	31.03%	2.712%
97	24.104	3567	3573	3580	rVB4	175310	384347	5.59%	0.488%
98	25.798	3853	3861	3872	rVB2	865471	2664021	38.73%	3.385%
99	26.062	3900	3906	3913	rVB2	223571	551169	8.01%	0.700%
100	26.157	3916	3922	3929	rBV	139889	358233	5.21%	0.455%

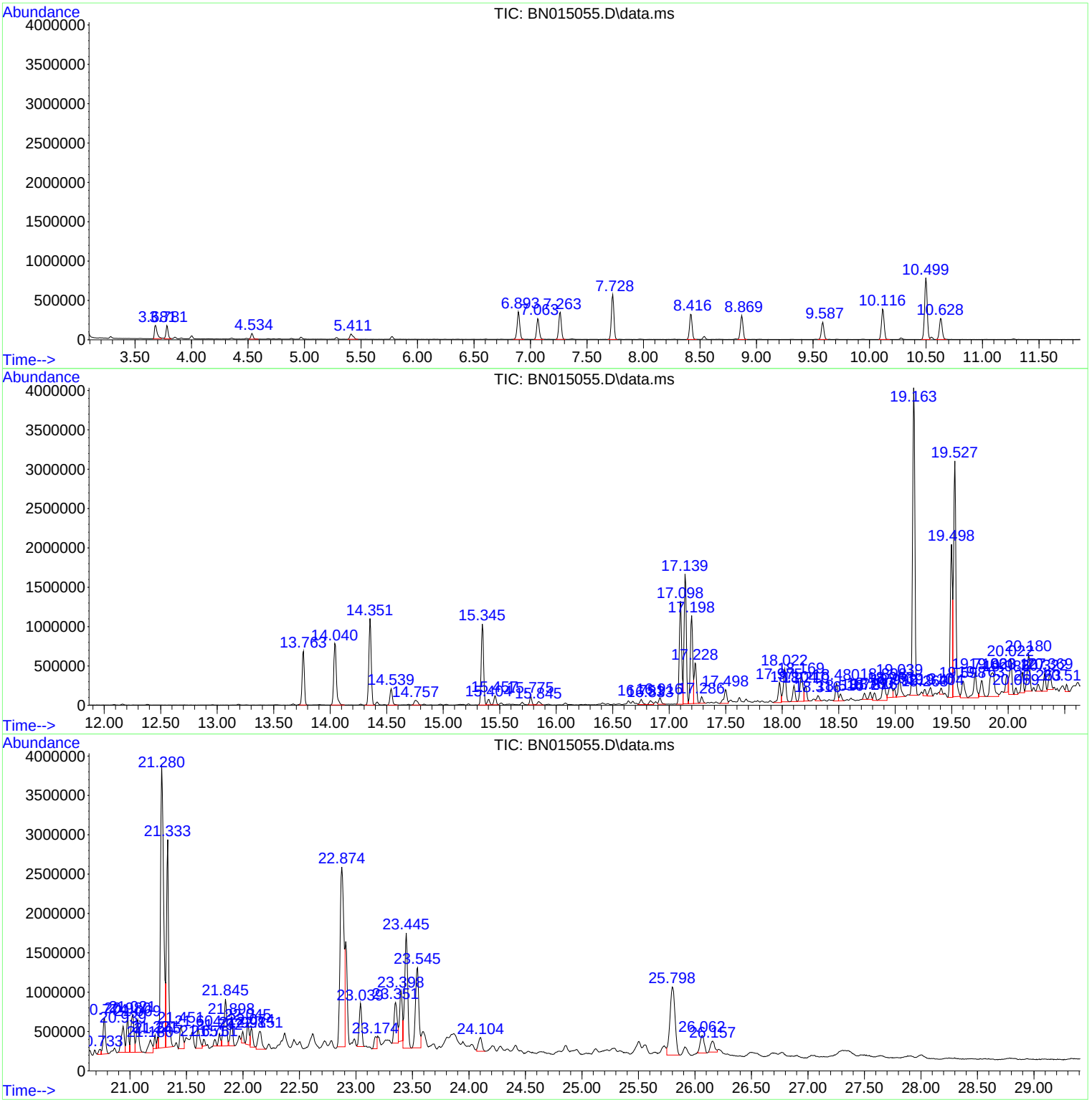
Sum of corrected areas: 78709291

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062521\
Data File : BN015055.D
Acq On : 25 Jun 2021 00:26
Operator : CG/JU
Sample : M2682-13
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BGDM4

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\BN062521\
Data File : BN015055.D
Acq On : 25 Jun 2021 00:26
Operator : CG/JU
Sample : M2682-13
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BGDM4

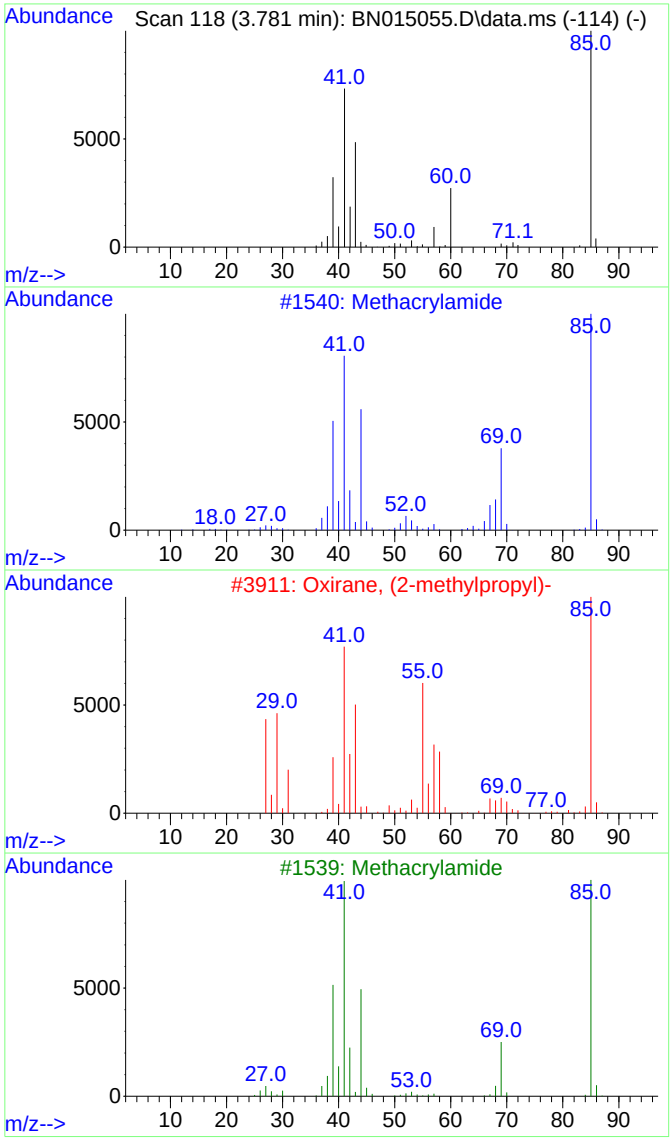
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN061821MA.M
Quant Title : SVOA CALIBRATION

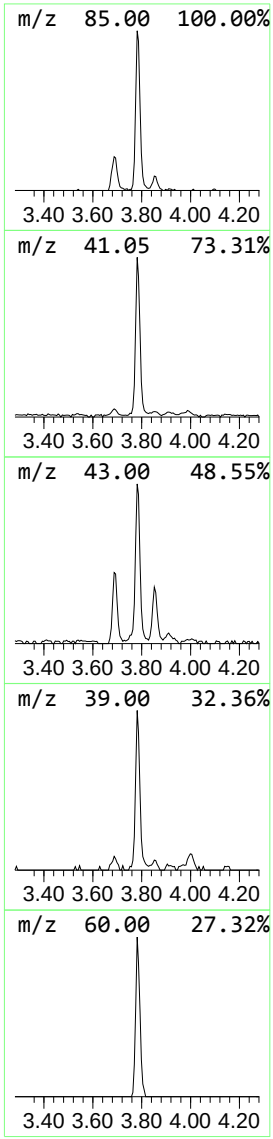
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 unknown-01 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.781	4.99 ng/ul	222041	1,4-Dichlorobenzene-d4	7.728

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methacrylamide	85	C4H7NO	000079-39-0	42
2	Oxirane, (2-methylpropyl)-	100	C6H12O	023850-78-4	36
3	Methacrylamide	85	C4H7NO	000079-39-0	36
4	Butane, 1-isocyano-	83	C5H9N	002769-64-4	9
5	Propanenitrile, 3-hydroxy-	71	C3H5NO	000109-78-4	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062521\
Data File : BN015055.D
Acq On : 25 Jun 2021 00:26
Operator : CG/JU
Sample : M2682-13
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BGDM4

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

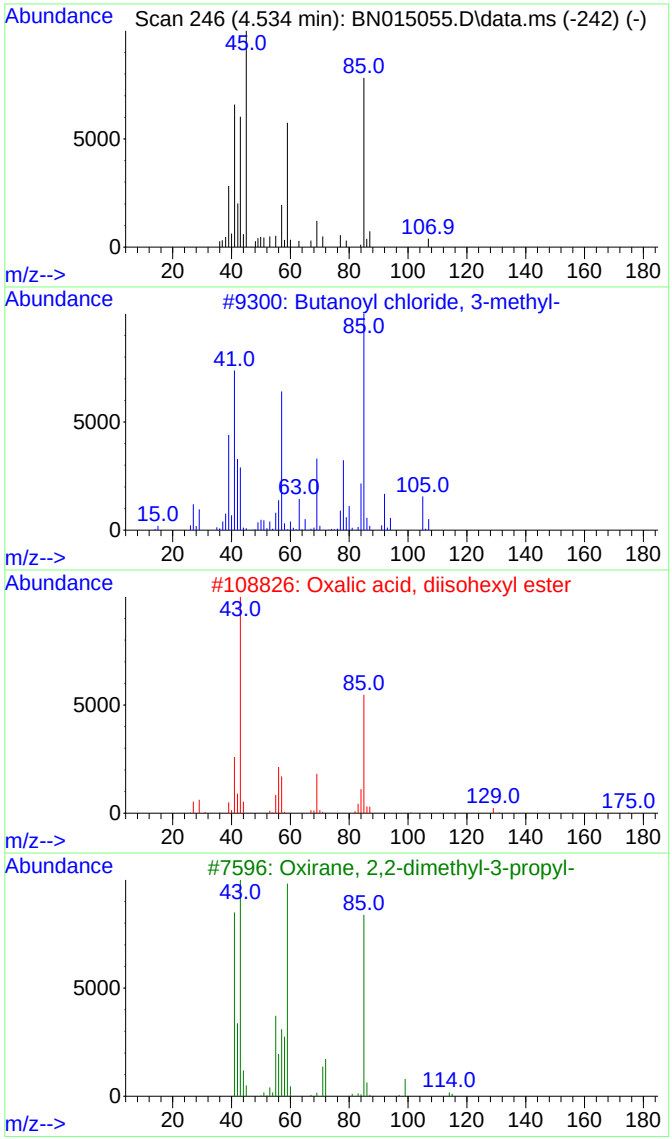
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

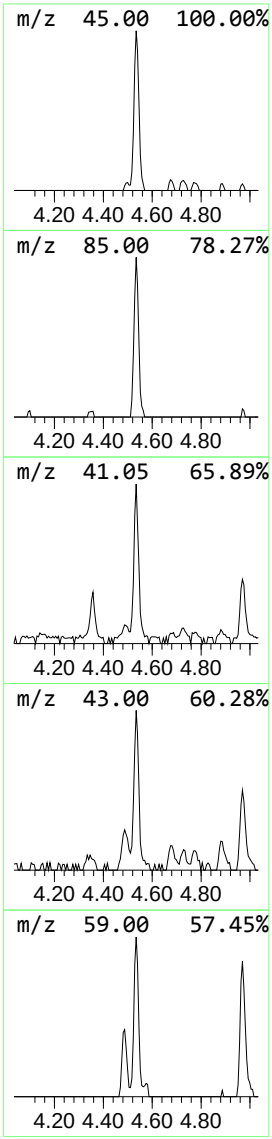
****

Peak Number 2 unknown-02 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.534	2.25 ng/ul	100206	1,4-Dichlorobenzene-d4	7.728

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanoyl chloride, 3-methyl-	120	C5H9ClO	000108-12-3	35
2	Oxalic acid, diisohexyl ester	258	C14H26O4	1000309-32-9	27
3	Oxirane, 2,2-dimethyl-3-propyl-	114	C7H14O	017612-35-0	25
4	Ethene, (2-methoxyethoxy)-	102	C5H10O2	001663-35-0	23
5	1-Phospha-1-butyne, 3,3-dimethyl-	100	C5H9P	078129-68-7	22





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062521\
Data File : BN015055.D
Acq On : 25 Jun 2021 00:26
Operator : CG/JU
Sample : M2682-13
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BGDM4

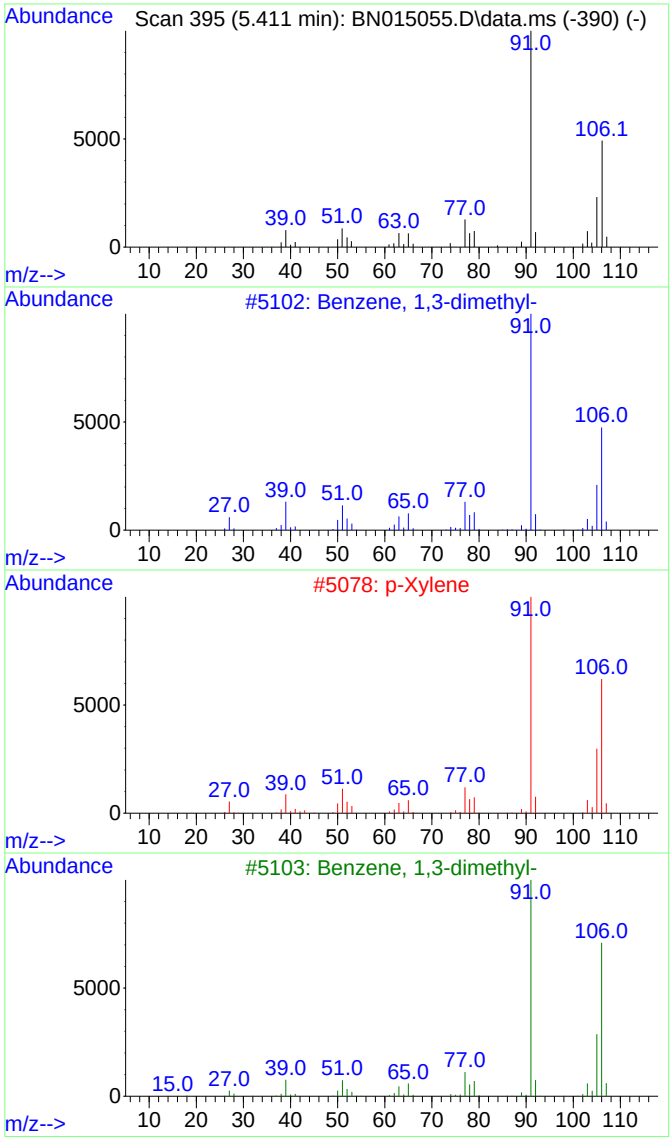
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN061821MA.M
Quant Title : SVOA CALIBRATION

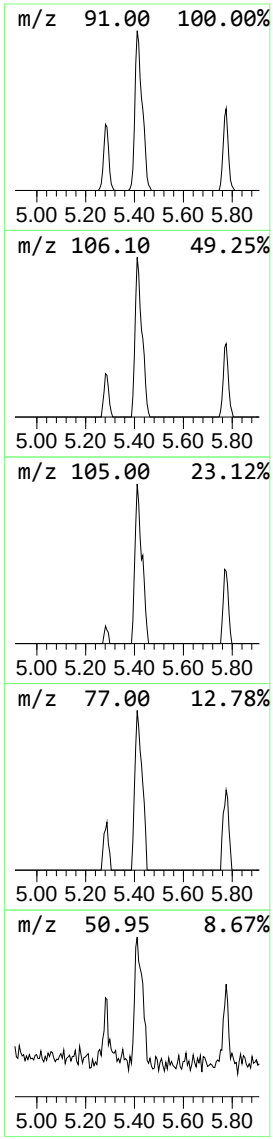
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Benzene, 1,3-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.411	3.02 ng/ul	134417	1,4-Dichlorobenzene-d4	7.728

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	97
2	p-Xylene	106	C8H10	000106-42-3	97
3	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	95
4	o-Xylene	106	C8H10	000095-47-6	95
5	p-Xylene	106	C8H10	000106-42-3	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062521\
Data File : BN015055.D
Acq On : 25 Jun 2021 00:26
Operator : CG/JU
Sample : M2682-13
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BGDM4

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

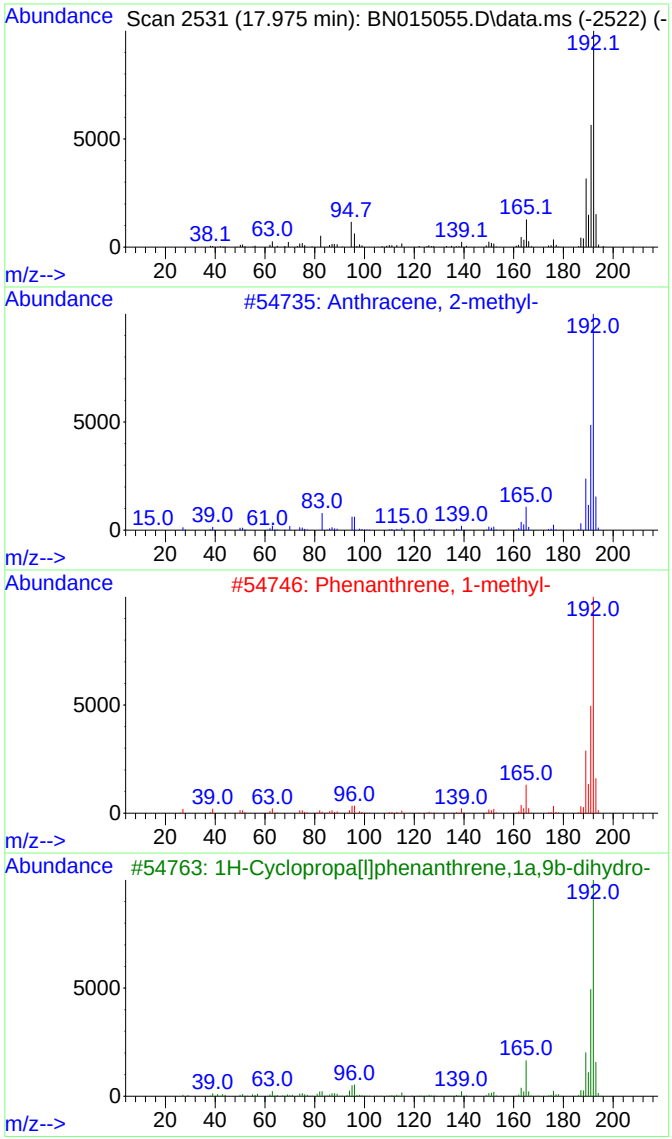
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

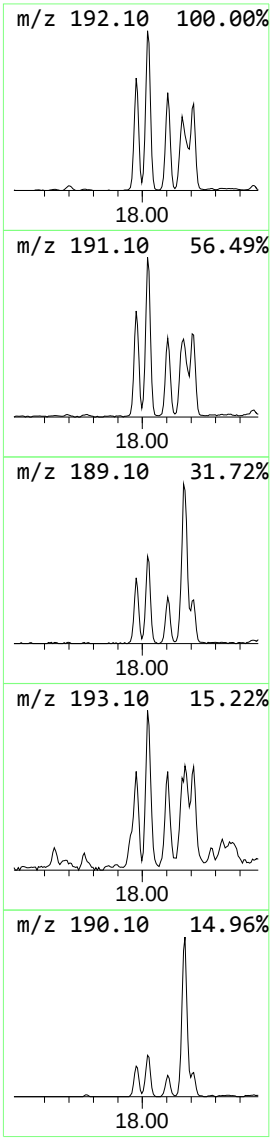
****

Peak Number 4 Anthracene, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.975	4.17 ng/ul	397826	Phenanthrene-d10	17.098

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	97
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	96
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062521\
Data File : BN015055.D
Acq On : 25 Jun 2021 00:26
Operator : CG/JU
Sample : M2682-13
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BGDM4

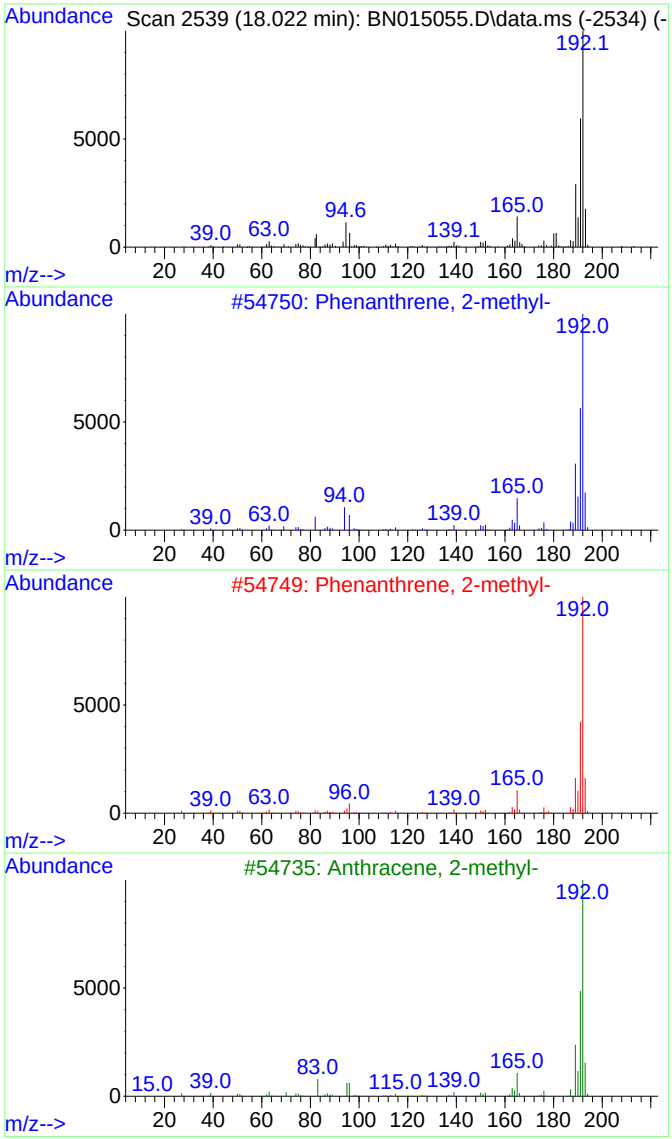
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN061821MA.M
Quant Title : SVOA CALIBRATION

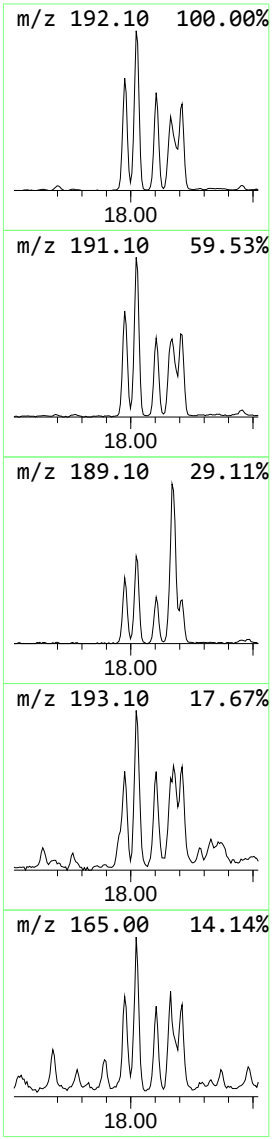
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Phenanthrene, 2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.022	6.88 ng/ul	655552	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	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062521\
Data File : BN015055.D
Acq On : 25 Jun 2021 00:26
Operator : CG/JU
Sample : M2682-13
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BGDM4

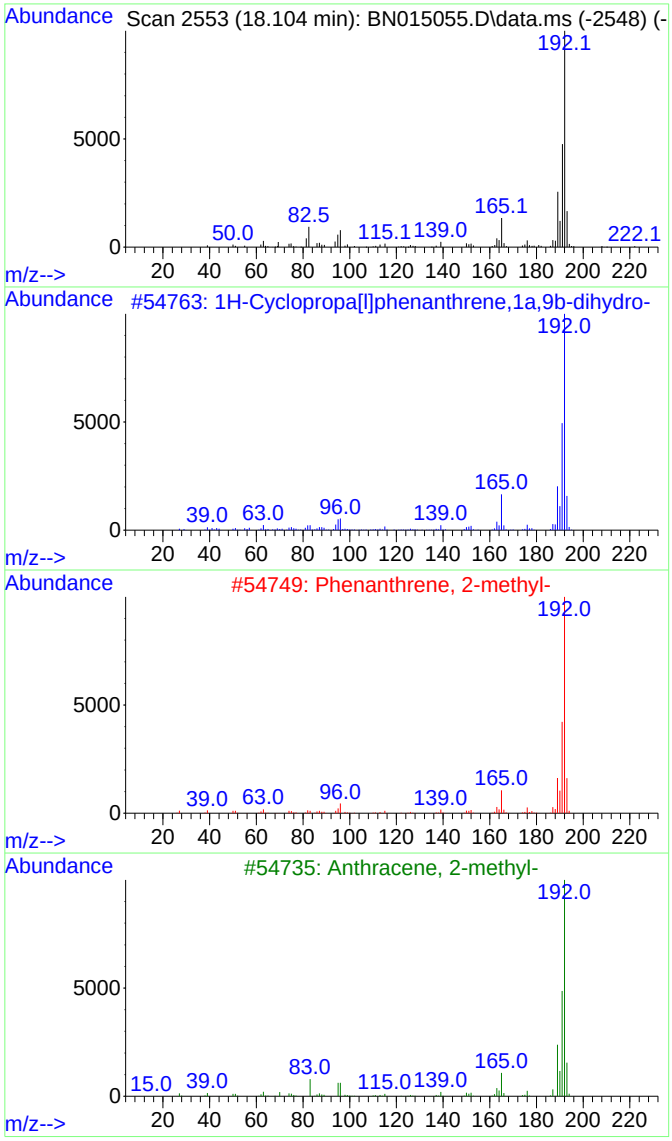
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN061821MA.M
Quant Title : SVOA CALIBRATION

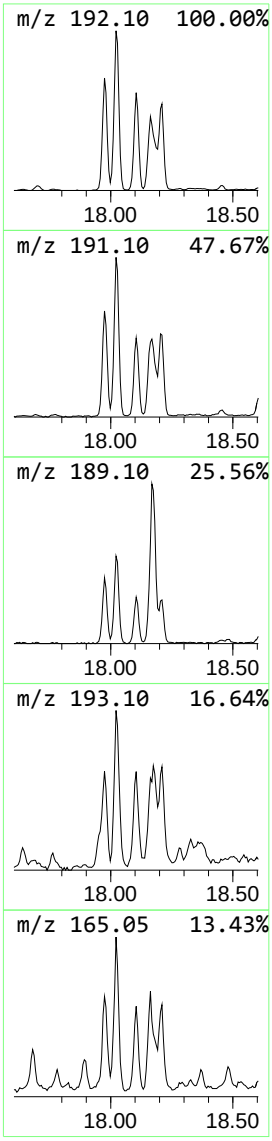
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 1H-Cyclopropa[l]phenanthren... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.104	2.92 ng/ul	278060	Phenanthrene-d10	17.098

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





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062521\
Data File : BN015055.D
Acq On : 25 Jun 2021 00:26
Operator : CG/JU
Sample : M2682-13
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BGDM4

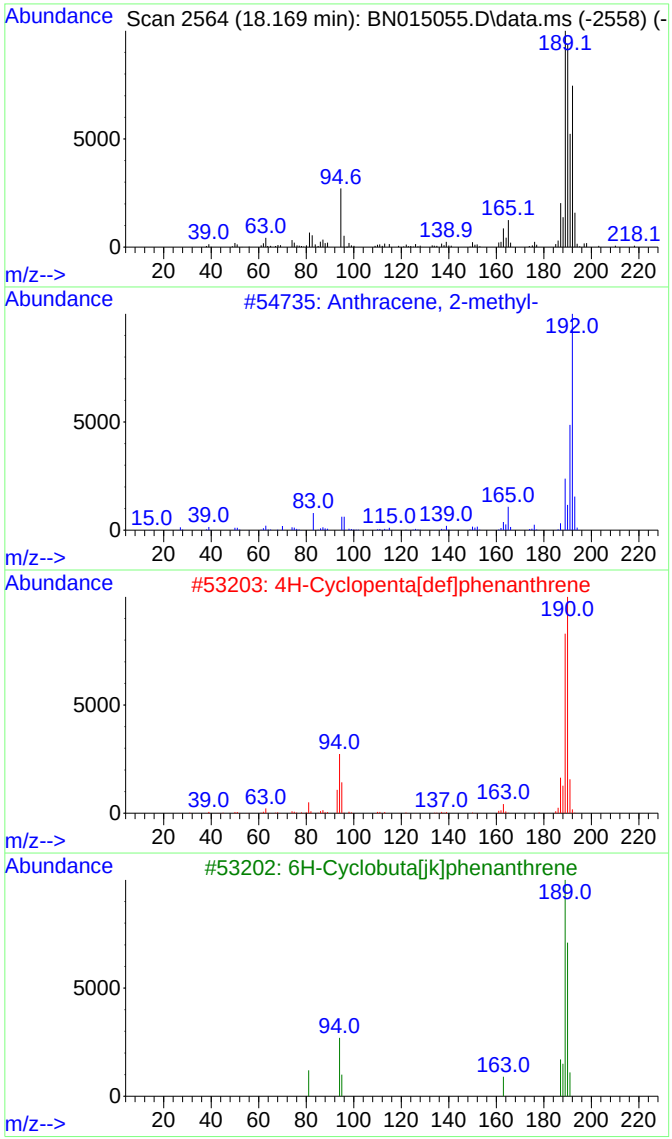
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN061821MA.M
Quant Title : SVOA CALIBRATION

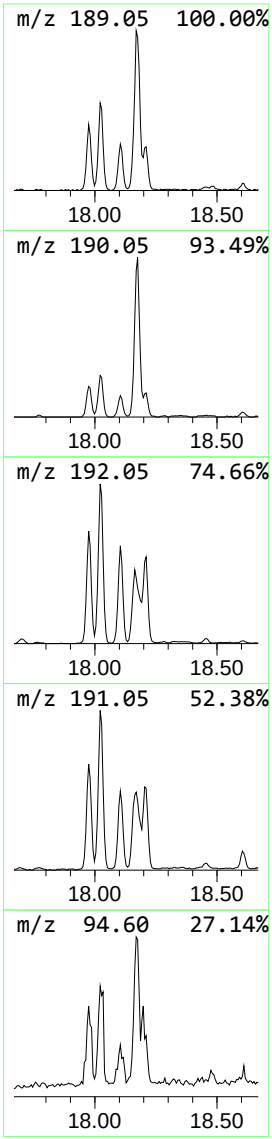
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.169	6.28 ng/ul	598638	Phenanthrene-d10	17.098

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	80
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	49
4	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	45
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	42





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062521\
Data File : BN015055.D
Acq On : 25 Jun 2021 00:26
Operator : CG/JU
Sample : M2682-13
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BGDM4

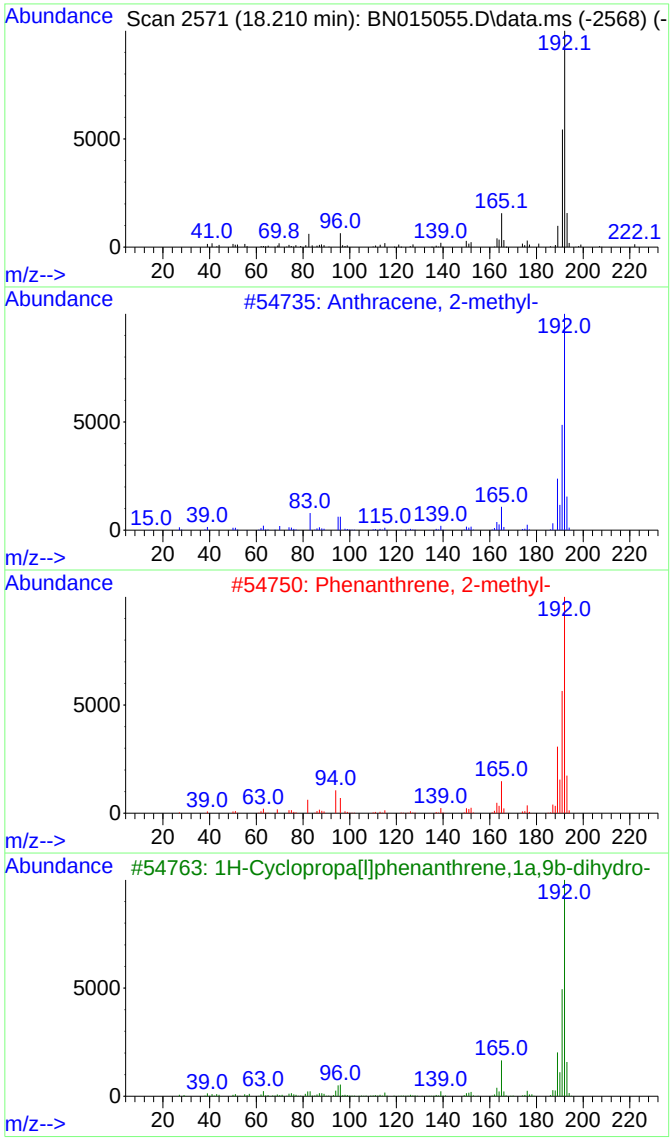
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN061821MA.M
Quant Title : SVOA CALIBRATION

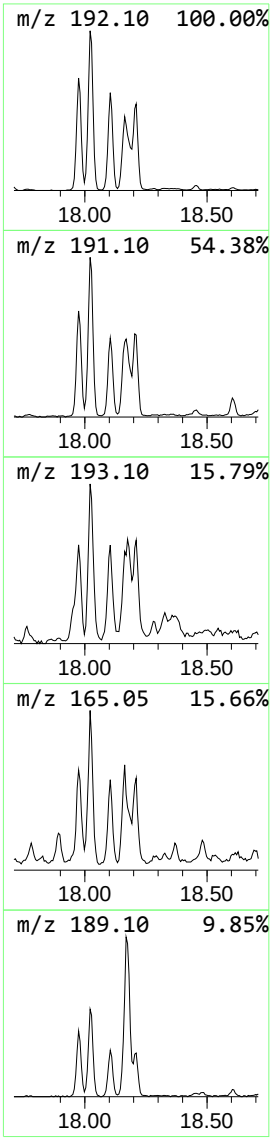
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Phenanthrene, 1-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.210	2.66 ng/ul	253532	Phenanthrene-d10	17.098

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062521\
Data File : BN015055.D
Acq On : 25 Jun 2021 00:26
Operator : CG/JU
Sample : M2682-13
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BGDM4

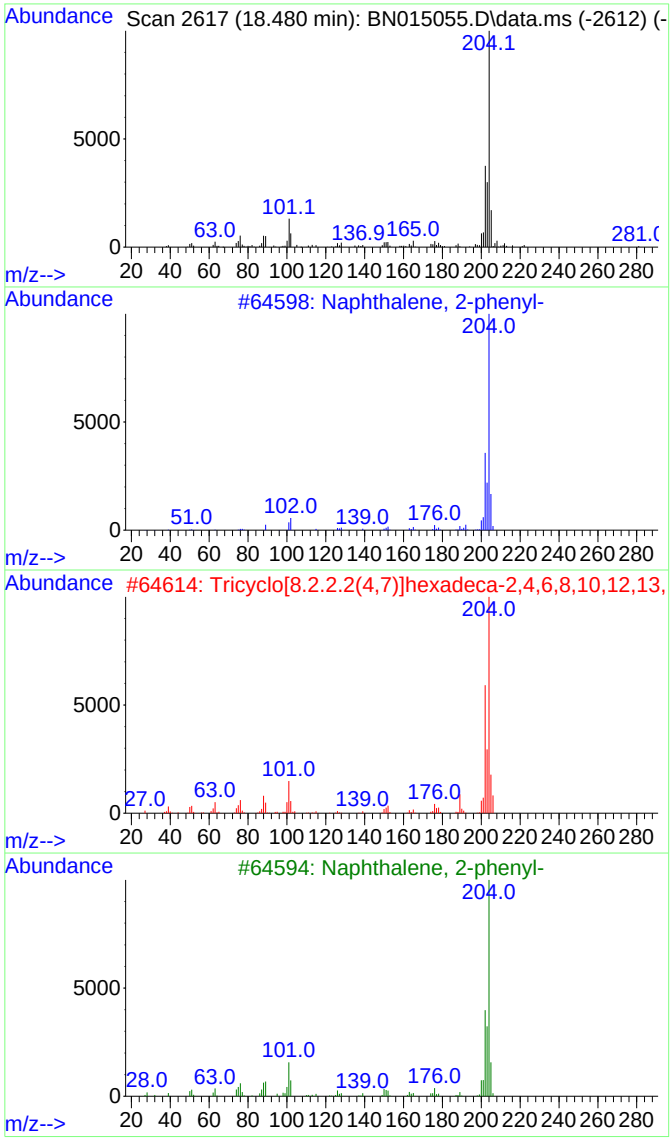
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN061821MA.M
Quant Title : SVOA CALIBRATION

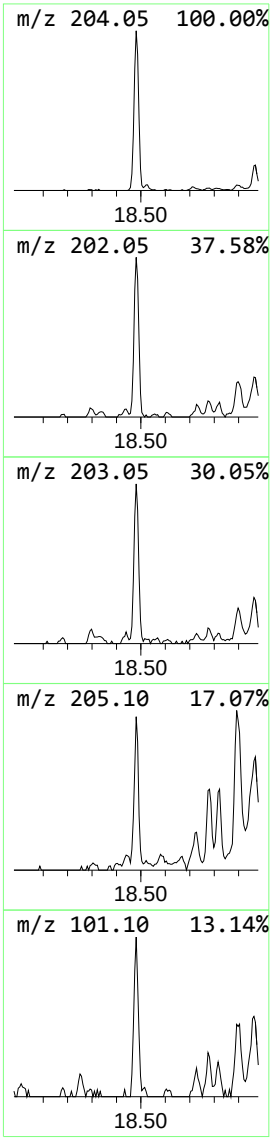
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Naphthalene, 2-phenyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.480	3.19 ng/ul	303809	Phenanthrene-d10	17.098

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	90
2	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	90
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	90
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	90
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062521\
Data File : BN015055.D
Acq On : 25 Jun 2021 00:26
Operator : CG/JU
Sample : M2682-13
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BGDM4

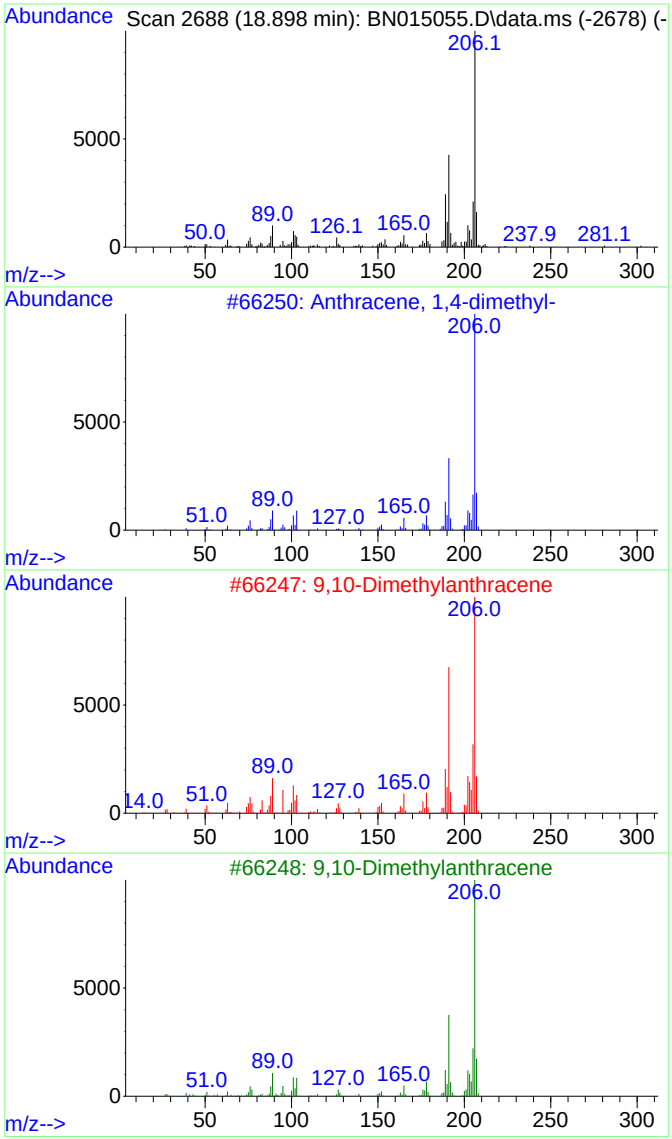
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN061821MA.M
Quant Title : SVOA CALIBRATION

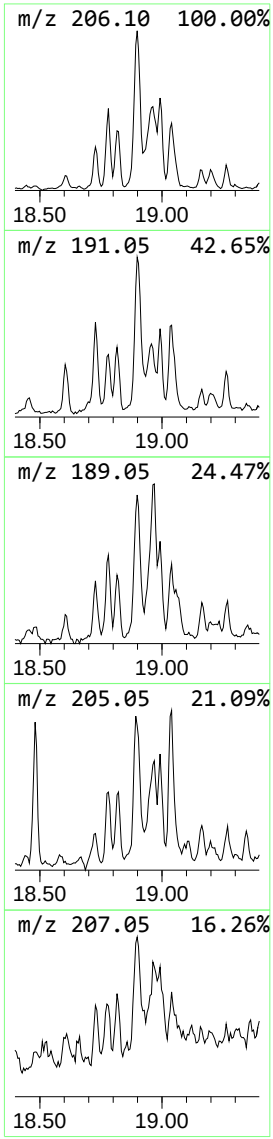
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Anthracene, 1,4-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.898	5.09 ng/ul	484996	Phenanthrene-d10	17.098

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	93
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	90
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	87
4	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	87
5	9,10-Dimethylanthracene	206	C16H14	000781-43-1	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062521\
Data File : BN015055.D
Acq On : 25 Jun 2021 00:26
Operator : CG/JU
Sample : M2682-13
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BGDM4

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

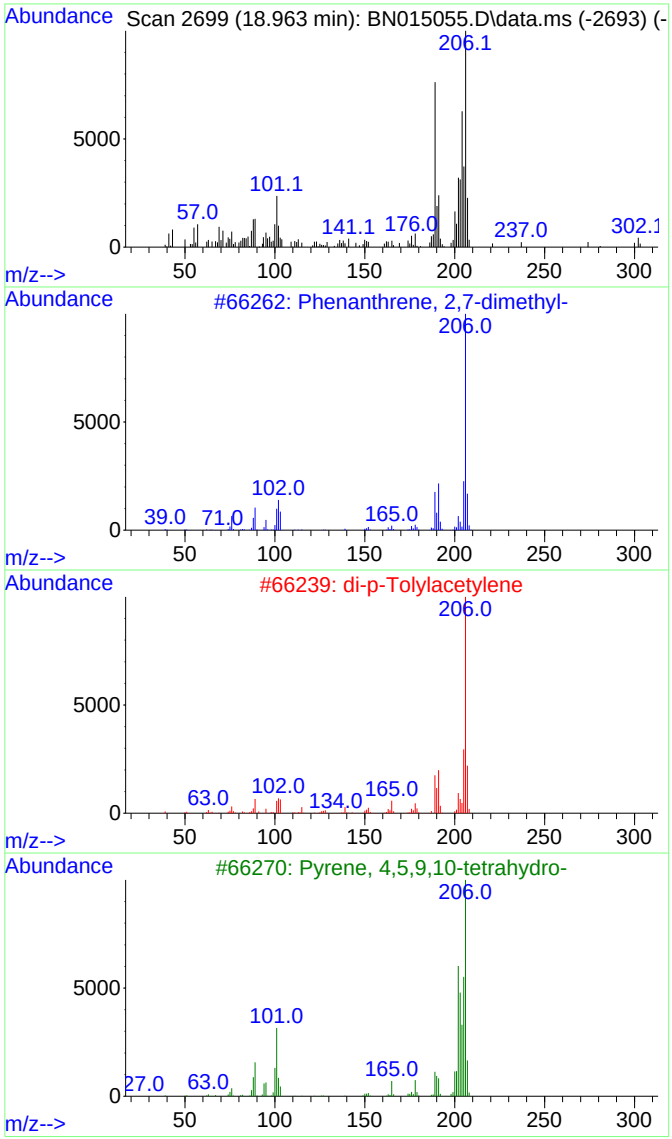
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

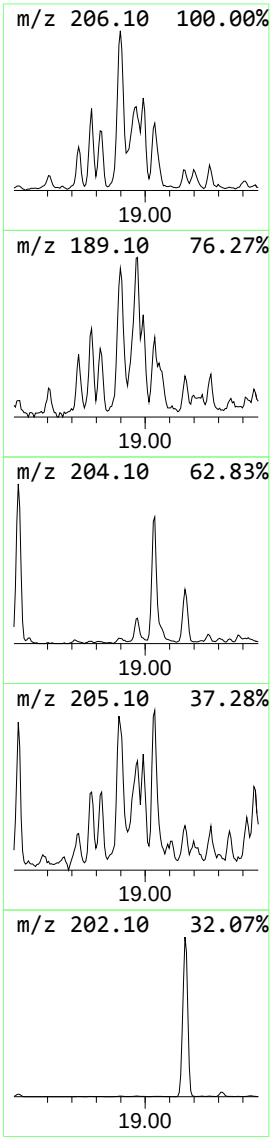
****

Peak Number 11 unknown-03 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.963	3.46 ng/ul	329804	Phenanthrene-d10	17.098

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	45
2	di-p-Tolylacetylene	206	C16H14	002789-88-0	45
3	Pyrene, 4,5,9,10-tetrahydro-	206	C16H14	000781-17-9	42
4	Pyrene, 4,5,9,10-tetrahydro-	206	C16H14	000781-17-9	41
5	Benzene, 1,1'-(1,3-butadienylide...	206	C16H14	004165-81-5	41





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062521\
Data File : BN015055.D
Acq On : 25 Jun 2021 00:26
Operator : CG/JU
Sample : M2682-13
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BGDM4

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

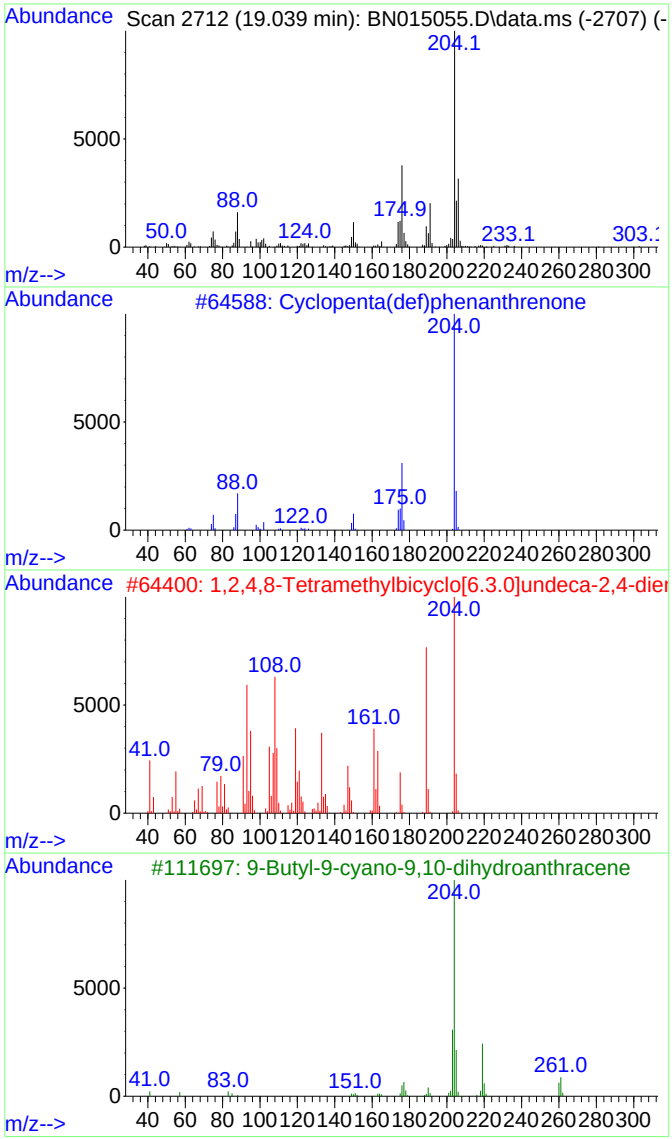
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

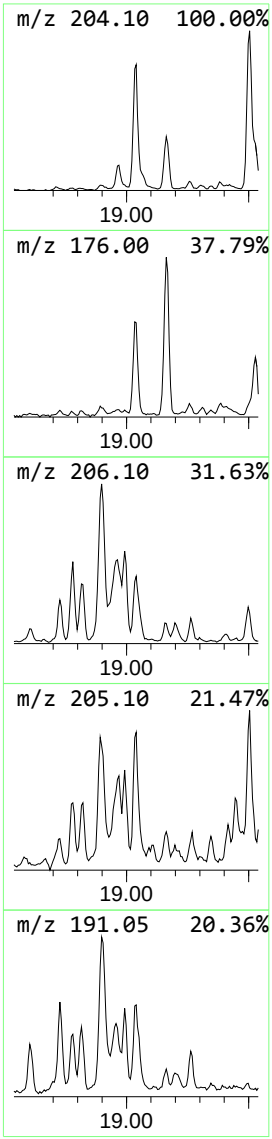
****

Peak Number 12 Cyclopenta(def)phenanthrenone Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.039	4.28 ng/ul	408535	Phenanthrene-d10	17.098

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	97
2	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	43
3	9-Butyl-9-cyano-9,10-dihydroanth...	261	C19H19N	139642-81-2	43
4	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	42
5	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	40





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062521\
Data File : BN015055.D
Acq On : 25 Jun 2021 00:26
Operator : CG/JU
Sample : M2682-13
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BGDM4

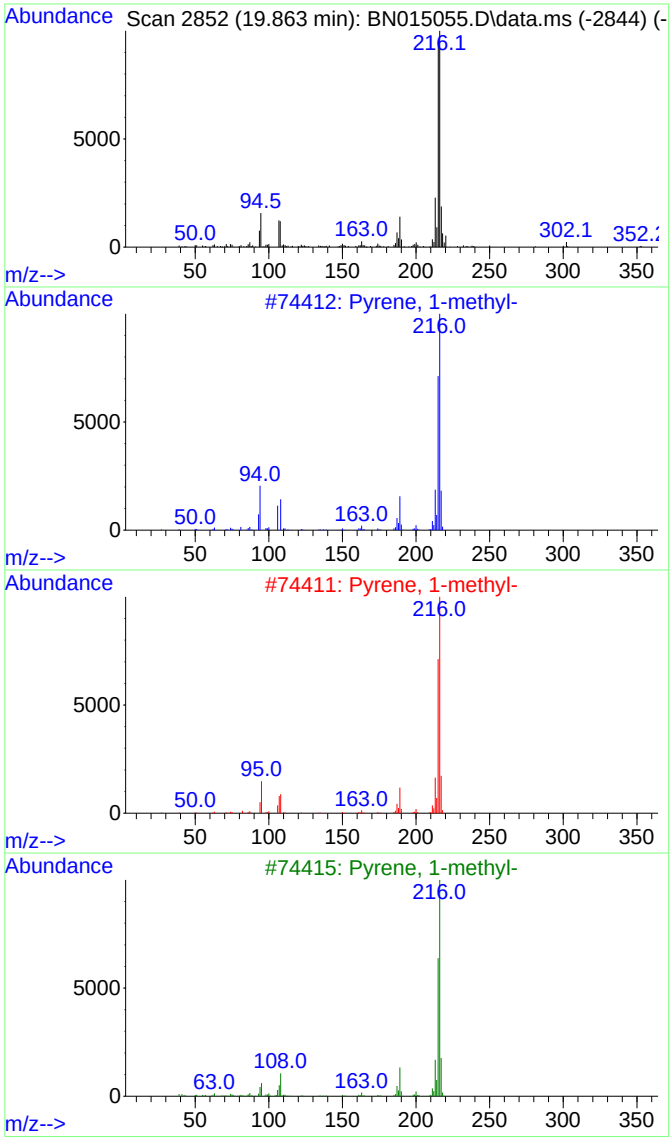
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN061821MA.M
Quant Title : SVOA CALIBRATION

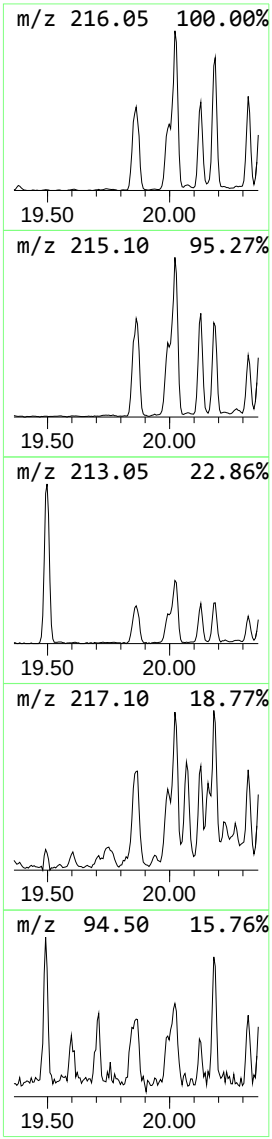
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Pyrene, 1-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.863	2.56 ng/ul	880328	Chrysene-d12	21.292

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	97
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	94
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062521\
Data File : BN015055.D
Acq On : 25 Jun 2021 00:26
Operator : CG/JU
Sample : M2682-13
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BGDM4

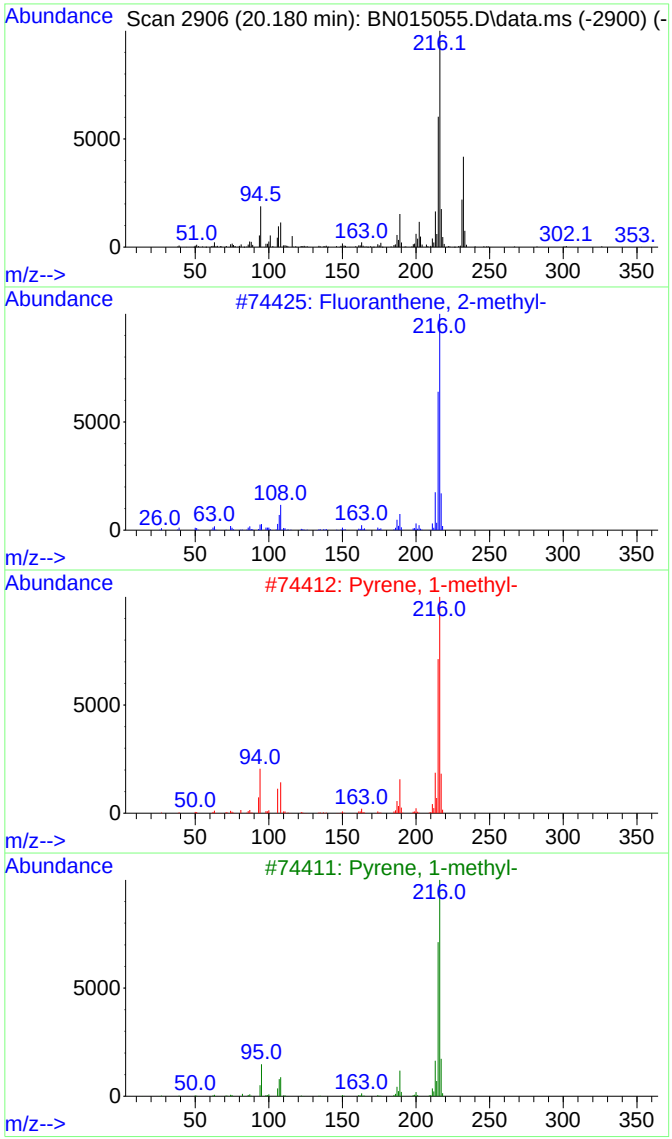
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN061821MA.M
Quant Title : SVOA CALIBRATION

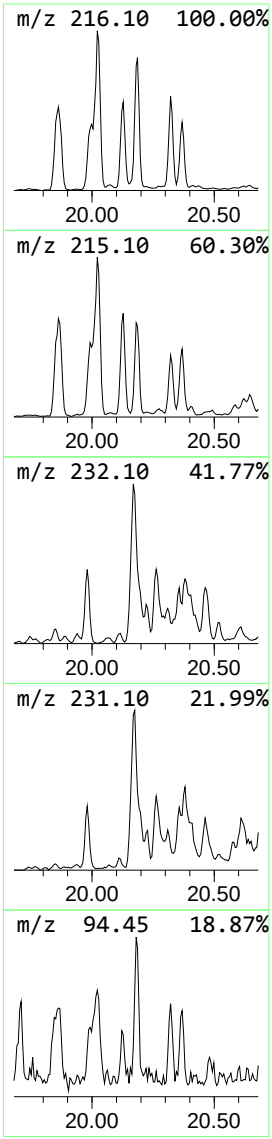
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Fluoranthene, 2-methyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.180	2.25 ng/ul	773689	Chrysene-d12	21.292

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	96
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	92
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	91
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062521\
Data File : BN015055.D
Acq On : 25 Jun 2021 00:26
Operator : CG/JU
Sample : M2682-13
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BGDM4

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

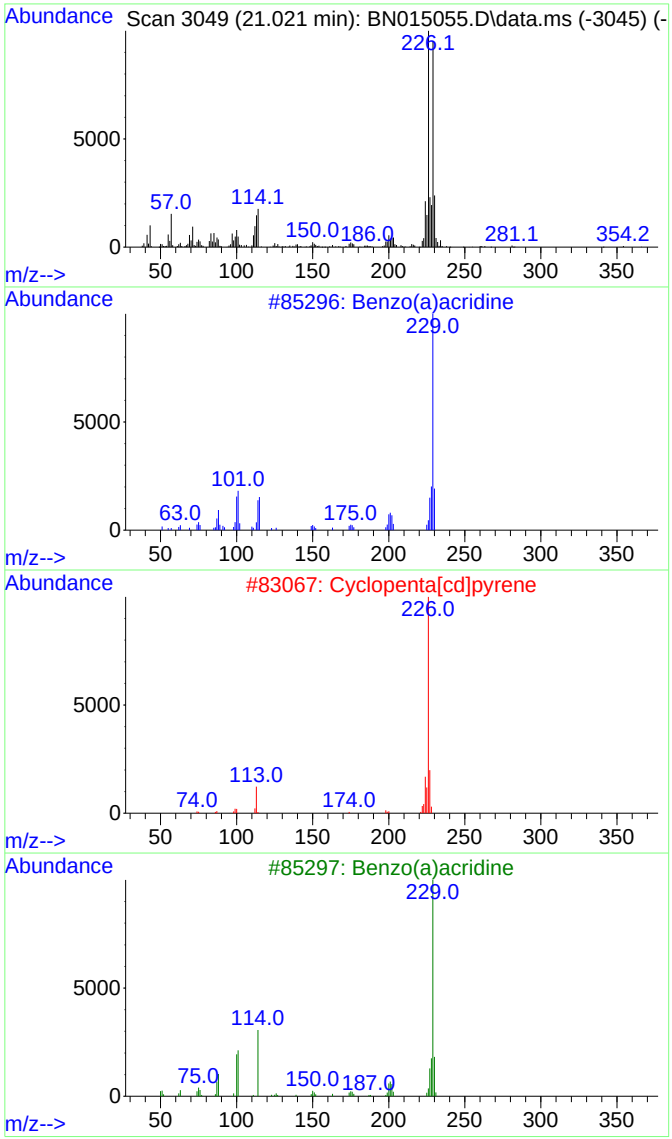
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

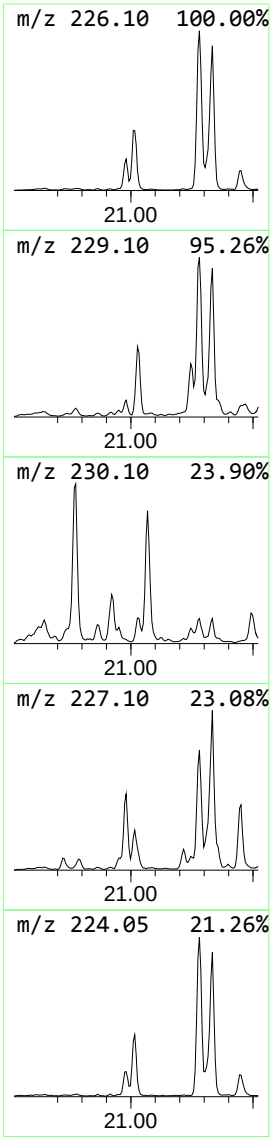
****

Peak Number 15 unknown-04 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.022	2.54 ng/ul	874213	Chrysene-d12	21.292

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo(a)acridine	229	C17H11N	000225-11-6	45
2	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	38
3	Benzo(a)acridine	229	C17H11N	000225-11-6	35
4	Naphtho(2,3-h)quinoline	229	C17H11N	000084-56-0	35
5	9H-Xanthen-9-one, 3-methoxy-	226	C14H10O3	003722-52-9	27





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062521\
Data File : BN015055.D
Acq On : 25 Jun 2021 00:26
Operator : CG/JU
Sample : M2682-13
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BGDM4

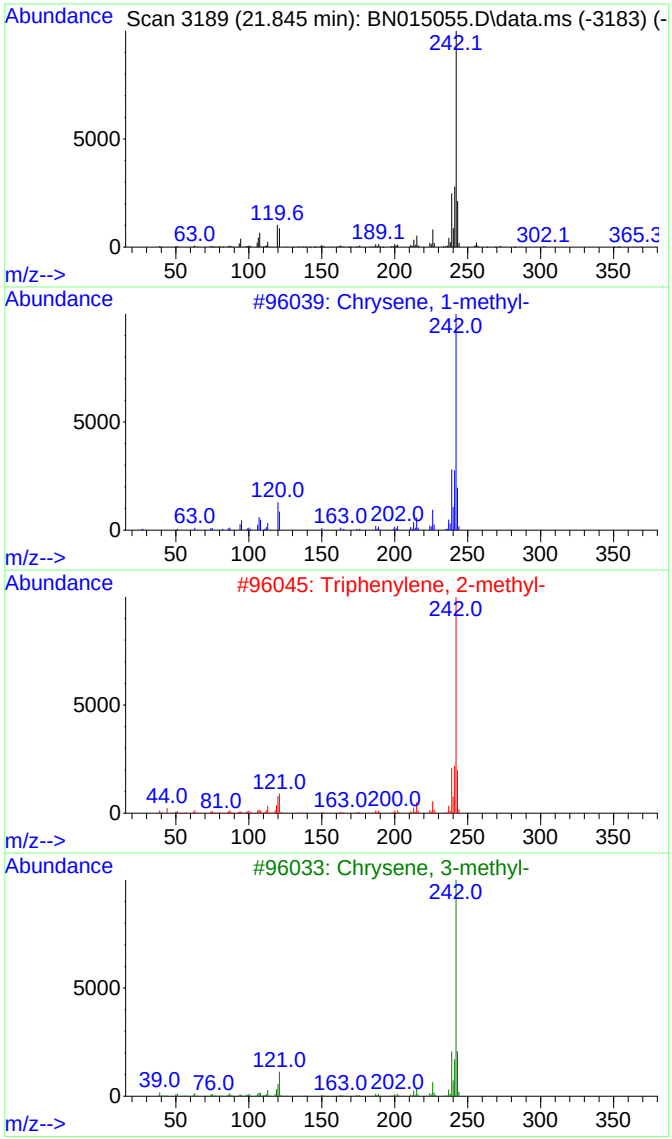
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN061821MA.M
Quant Title : SVOA CALIBRATION

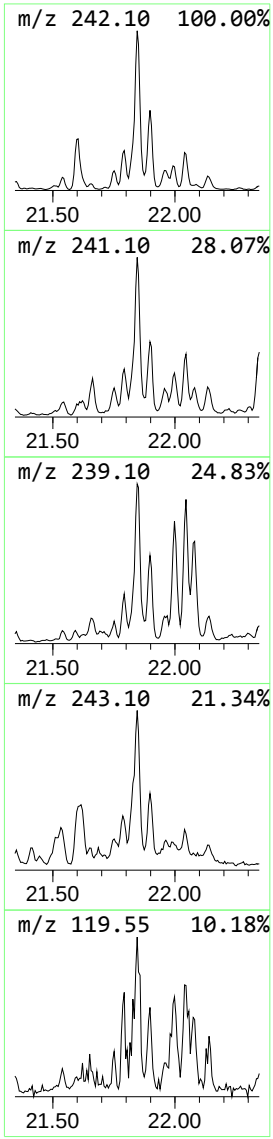
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Chrysene, 1-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.845	2.92 ng/ul	1004340	Chrysene-d12	21.292

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Chrysene, 1-methyl-	242	C19H14	003351-28-8	96
2	Triphenylene, 2-methyl-	242	C19H14	001705-84-6	96
3	Chrysene, 3-methyl-	242	C19H14	003351-31-3	95
4	2-Methylchrysene	242	C19H14	003351-32-4	93
5	Benz[a]anthracene, 8-methyl-	242	C19H14	002381-31-9	92





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062521\
Data File : BN015055.D
Acq On : 25 Jun 2021 00:26
Operator : CG/JU
Sample : M2682-13
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BGDM4

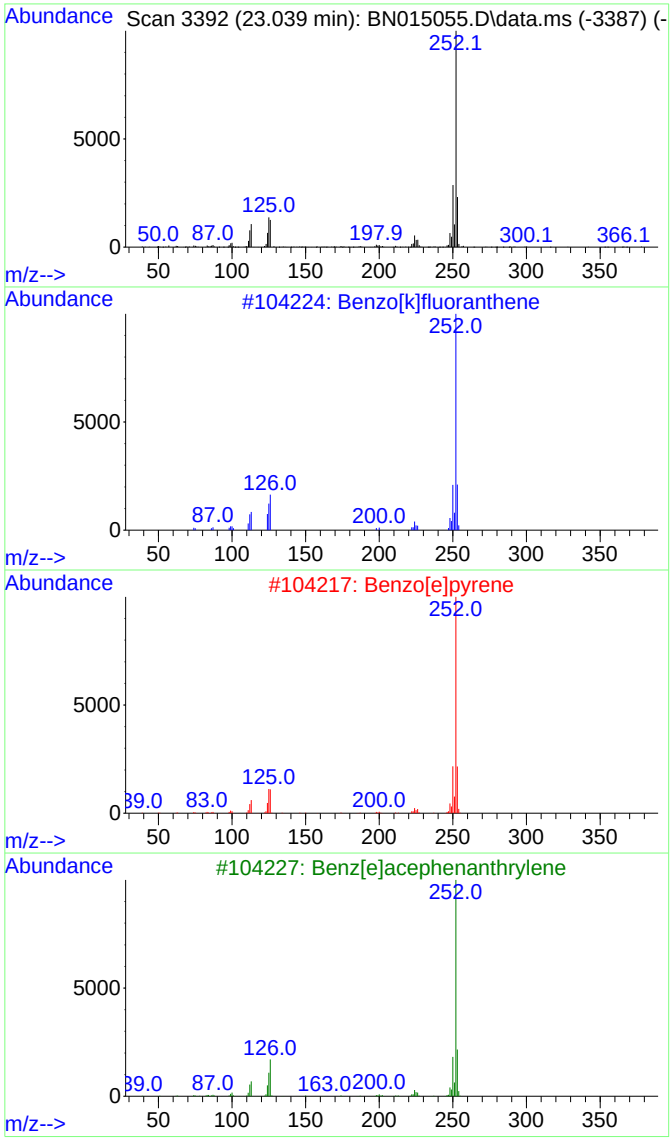
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN061821MA.M
Quant Title : SVOA CALIBRATION

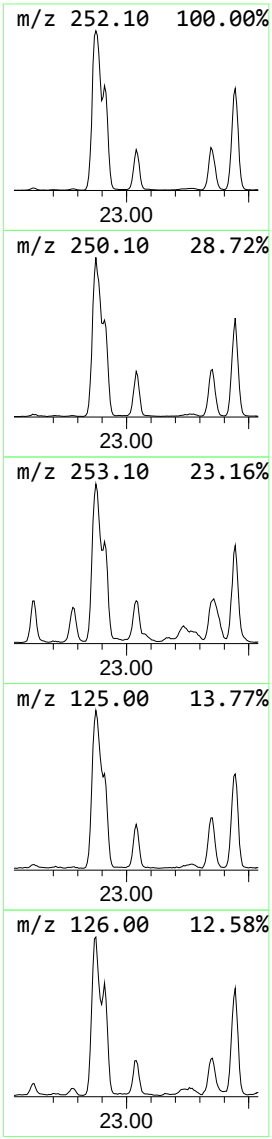
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Benzo[e]pyrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.039	8.13 ng/ul	867431	Perylene-d12	23.545

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





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062521\
Data File : BN015055.D
Acq On : 25 Jun 2021 00:26
Operator : CG/JU
Sample : M2682-13
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BGDM4

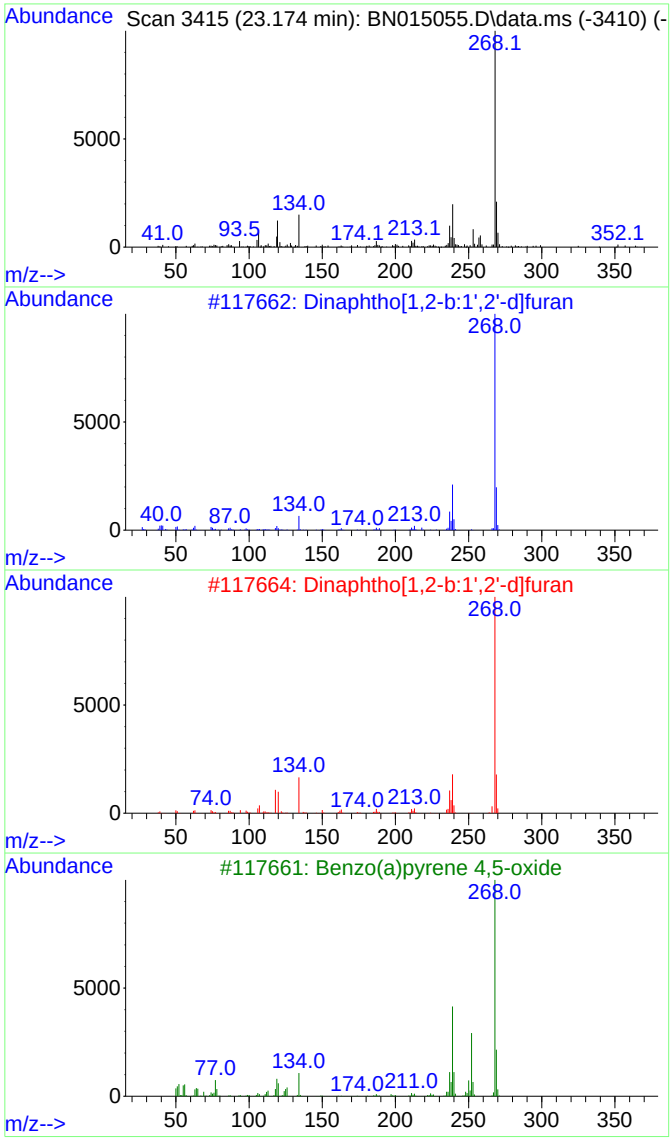
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN061821MA.M
Quant Title : SVOA CALIBRATION

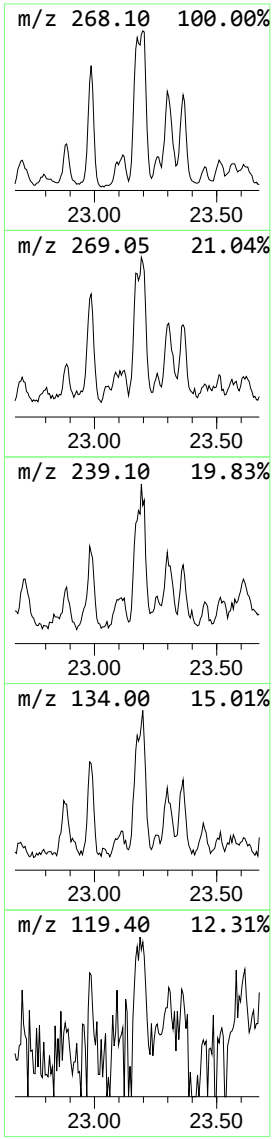
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 Dinaphtho[1,2-b:1',2'-d]furan Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.174	2.61 ng/ul	278500	Perylene-d12	23.545

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dinaphtho[1,2-b:1',2'-d]furan	268	C20H12O	000207-93-2	90
2	Dinaphtho[1,2-b:1',2'-d]furan	268	C20H12O	000207-93-2	80
3	Benzo(a)pyrene 4,5-oxide	268	C20H12O	037574-47-3	72
4	Benzo(a)pyren-7-ol	268	C20H12O	037994-82-4	64
5	9,10-Anthracenedione, 1,5-dimeth...	268	C16H12O4	006448-90-4	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062521\
Data File : BN015055.D
Acq On : 25 Jun 2021 00:26
Operator : CG/JU
Sample : M2682-13
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BGDM4

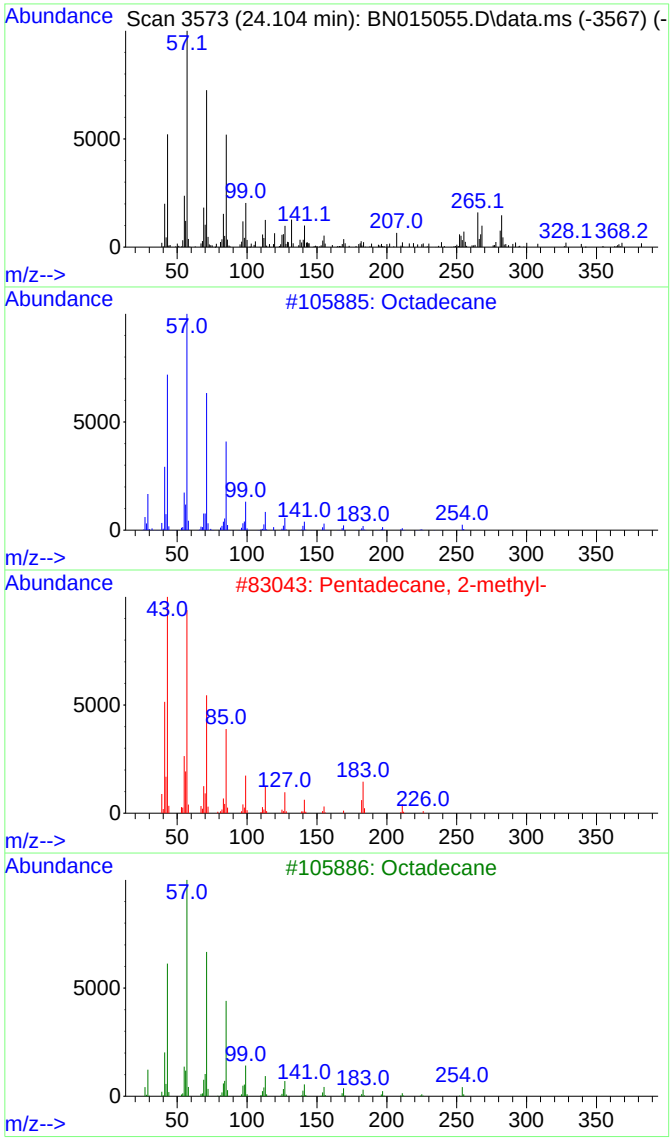
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN061821MA.M
Quant Title : SVOA CALIBRATION

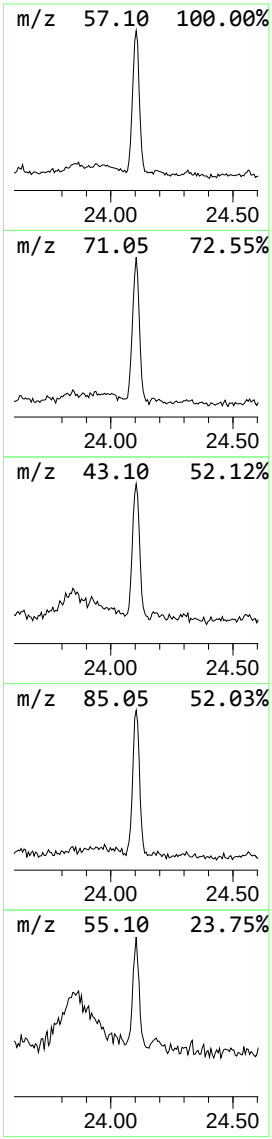
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.104	3.60 ng/ul	384347	Perylene-d12	23.545

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	92
2	Pentadecane, 2-methyl-	226	C16H34	001560-93-6	86
3	Octadecane	254	C18H38	000593-45-3	83
4	Eicosane	282	C20H42	000112-95-8	76
5	Eicosane	282	C20H42	000112-95-8	68





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062521\
Data File : BN015055.D
Acq On : 25 Jun 2021 00:26
Operator : CG/JU
Sample : M2682-13
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BGDM4

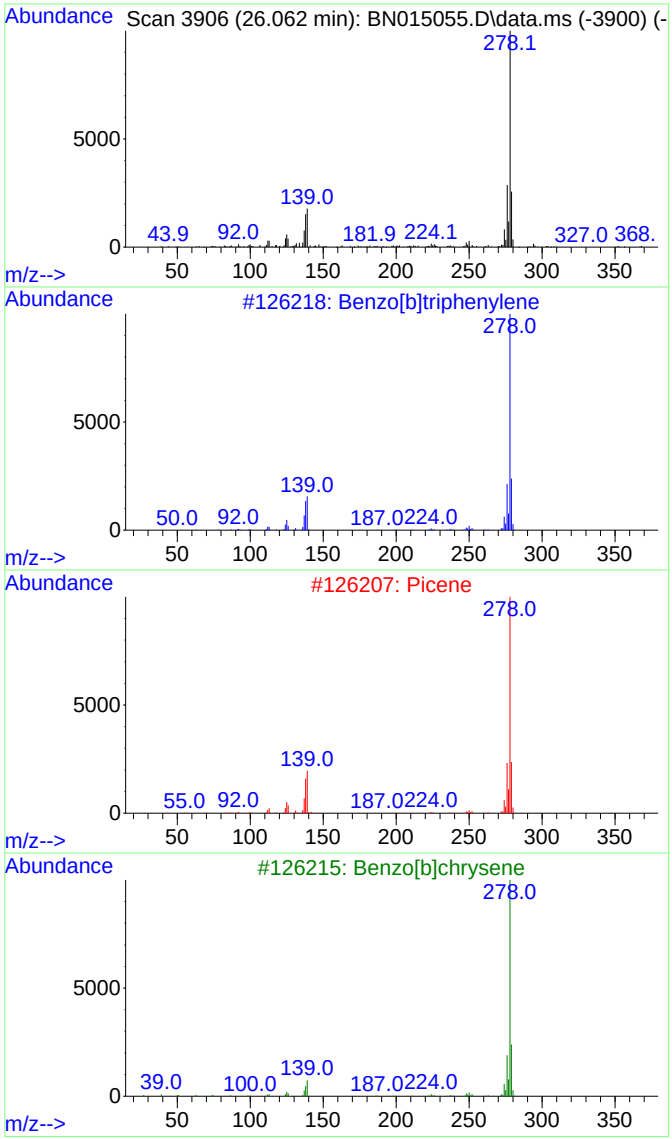
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN061821MA.M
Quant Title : SVOA CALIBRATION

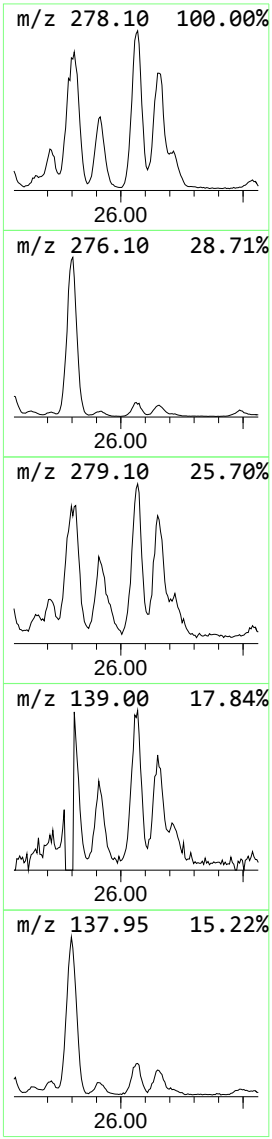
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 Benzo[b]triphenylene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.062	5.16 ng/ul	551169	Perylene-d12	23.545

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]triphenylene	278	C22H14	000215-58-7	99
2	Picene	278	C22H14	000213-46-7	97
3	Benzo[b]chrysene	278	C22H14	000214-17-5	97
4	Picene	278	C22H14	000213-46-7	96
5	Dibenz[a,h]anthracene	278	C22H14	000053-70-3	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062521\
Data File : BN015055.D
Acq On : 25 Jun 2021 00:26
Operator : CG/JU
Sample : M2682-13
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BGDM4

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

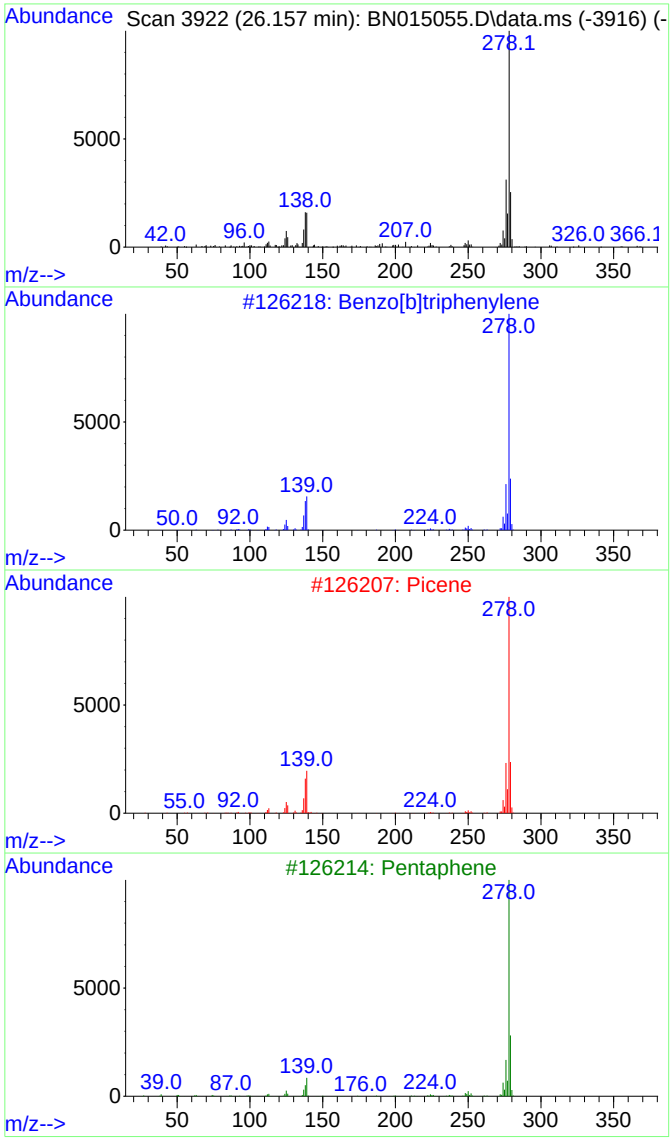
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

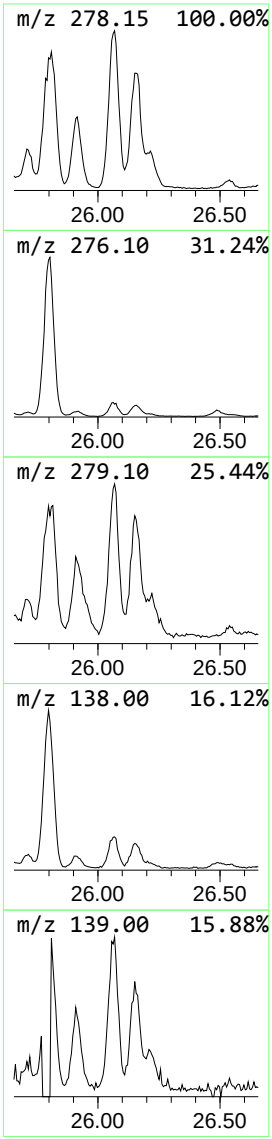
****

Peak Number 21 Picene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.157	3.36 ng/ul	358233	Perylene-d12	23.545

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]triphenylene	278	C22H14	000215-58-7	98
2	Picene	278	C22H14	000213-46-7	97
3	Pentaphene	278	C22H14	000222-93-5	95
4	Picene	278	C22H14	000213-46-7	95
5	Dibenz[a,h]anthracene	278	C22H14	000053-70-3	95





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062521\
Data File : BN015055.D
Acq On : 25 Jun 2021 00:26
Operator : CG/JU
Sample : M2682-13
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BGDM4

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
unknown-01	3.781	5.0	ng/ul	222041	1	7.728	890502	20.0
unknown-02	4.534	2.3	ng/ul	100206	1	7.728	890502	20.0
Benzene, 1,3-di...	5.411	3.0	ng/ul	134417	1	7.728	890502	20.0
Anthracene, 2-m...	17.975	4.2	ng/ul	397826	4	17.098	1906930	20.0
Phenanthrene, 2...	18.022	6.9	ng/ul	655552	4	17.098	1906930	20.0
1H-Cyclopropa[l...	18.104	2.9	ng/ul	278060	4	17.098	1906930	20.0
4H-Cyclopenta[d...	18.169	6.3	ng/ul	598638	4	17.098	1906930	20.0
Phenanthrene, 1...	18.210	2.7	ng/ul	253532	4	17.098	1906930	20.0
Naphthalene, 2-...	18.480	3.2	ng/ul	303809	4	17.098	1906930	20.0
Anthracene, 1,4...	18.898	5.1	ng/ul	484996	4	17.098	1906930	20.0
unknown-03	18.963	3.5	ng/ul	329804	4	17.098	1906930	20.0
Cyclopenta(def)...	19.039	4.3	ng/ul	408535	4	17.098	1906930	20.0
Pyrene, 1-methyl-	19.863	2.6	ng/ul	880328	5	21.292	6878100	20.0
Fluoranthene, 2...	20.180	2.3	ng/ul	773689	5	21.292	6878100	20.0
unknown-04	21.022	2.5	ng/ul	874213	5	21.292	6878100	20.0
Chrysene, 1-met...	21.845	2.9	ng/ul	1004340	5	21.292	6878100	20.0
Benzo[e]pyrene	23.039	8.1	ng/ul	867431	6	23.545	2134580	20.0
Dinaphtho[1,2-b...	23.174	2.6	ng/ul	278500	6	23.545	2134580	20.0
(DEL) Alkane: S...	24.104	3.6	ng/ul	384347	6	23.545	2134580	20.0
Benzo[b]triphen...	26.062	5.2	ng/ul	551169	6	23.545	2134580	20.0
Picene	26.157	3.4	ng/ul	358233	6	23.545	2134580	20.0