LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030320\
Data File : BN010058.D
Acq On : 03 Mar 2020 12:23
Operator : CG/JU
Sample : L1507-16DL 10X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBD14DL

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\SOM-EPA-BN021220MA.M
Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	7.363	738	744	759	rBV	350851	608691	6.58%	1.233%
2	10.116	1204	1212	1226	rBV	428013	812302	8.78%	1.645%
3	13.728	1822	1826	1833	rVB2	26978	46712	0.51%	0.095%
4	14.004	1867	1873	1879	rBV	628700	932952	10.09%	1.889%
5	14.075	1879	1885	1893	rVB	407836	603697	6.53%	1.222%
6	14.328	1922	1928	1934	rBV	46862	62691	0.68%	0.127%
7	15.075	2051	2055	2061	rBV2	27078	40270	0.44%	0.082%
8	15.175	2066	2072	2073	rBV3	34568	47795	0.52%	0.097%
9	15.192	2073	2075	2080	rVB2	52485	70671	0.76%	0.143%
10	15.286	2086	2091	2094	rBV4	19141	34589	0.37%	0.070%
11	15.375	2100	2106	2113	rVB5	13965	26725	0.29%	0.054%
12	15.763	2167	2172	2184	rBV2	135537	222405	2.41%	0.450%
13	16.086	2222	2227	2231	rVV4	50339	78825	0.85%	0.160%
14	16.228	2240	2251	2257	rVB4	35620	72112	0.78%	0.146%
15	16.310	2262	2265	2269	rVV2	23336	29164	0.32%	0.059%
16	16.351	2269	2272	2276	rVV3	29526	40883	0.44%	0.083%
17	16.439	2283	2287	2294	rVB2	70636	102896	1.11%	0.208%
18	16.510	2294	2299	2304	rBV2	41841	76761	0.83%	0.155%
19	16.769	2335	2343	2347	rBV	810670	1193901	12.91%	2.418%
20	16.810	2347	2350	2356	rVV	143800	198792	2.15%	0.403%
21	16.869	2356	2360	2361	rVV	33029	35442	0.38%	0.072%
22	16.904	2361	2366	2374	rVV	265166	384410	4.16%	0.778%
23	16.975	2374	2378	2384	rVB2	35982	65360	0.71%	0.132%
24	17.175	2405	2412	2416	rBV5	31586	56463	0.61%	0.114%
25	17.222	2416	2420	2427	rVV4	20075	40628	0.44%	0.082%
26	17.292	2428	2432	2439	rVV2	90641	121736	1.32%	0.247%
27	17.475	2456	2463	2471	rBV3	48619	104678	1.13%	0.212%
28	17.645	2484	2492	2496	rBV	98645	139404	1.51%	0.282%
29	17.692	2496	2500	2507	rVB	155529	222324	2.40%	0.450%
30	17.780	2507	2515	2519	rBV	90499	147947	1.60%	0.300%
31	17.839	2519	2525	2529	rBV	646492	979136	10.59%	1.983%
32	17.875	2529	2531	2541	rVB	90988	121819	1.32%	0.247%
33	18.051	2557	2561	2564	rBV4	20922	27126	0.29%	0.055%
34	18.157	2575	2579	2583	rVB2	53260	64316	0.70%	0.130%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030320\
Data File : BN010058.D
Acq On : 03 Mar 2020 12:23
Operator : CG/JU
Sample : L1507-16DL 10X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBD14DL

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\SOM-EPA-BN021220MA.M
Title : SVOA CALIBRATION

35	18.210	2583	2588	2593	rVB6	37078	54608	0.59%	0.111%
36	18.280	2594	2600	2604	rVB2	21514	31010	0.34%	0.063%
37	18.410	2617	2622	2627	rVB2	93424	134000	1.45%	0.271%
38	18.457	2627	2630	2633	rBV	35655	41874	0.45%	0.085%
39	18.498	2633	2637	2644	rVB	46229	61801	0.67%	0.125%
40	18.580	2646	2651	2655	rBV	77133	123915	1.34%	0.251%
41	18.639	2655	2661	2665	rBV3	92647	175946	1.90%	0.356%
42	18.727	2670	2676	2682	rBV	395898	571940	6.19%	1.158%
43	18.775	2682	2684	2689	rVB3	22576	27489	0.30%	0.056%
44	18.845	2689	2696	2701	rBV	7302996	9246965	100.00%	18.725%
45	18.916	2704	2708	2710	rBV	43258	51481	0.56%	0.104%
46	18.945	2710	2713	2718	rVB	87136	121455	1.31%	0.246%
47	19.045	2725	2730	2732	rBV3	25892	37859	0.41%	0.077%
48	19.080	2732	2736	2742	rVB2	202211	295222	3.19%	0.598%
49	19.210	2748	2758	2767	rBV	4853213	7681379	83.07%	15.554%
50	19.286	2767	2771	2778	rVB2	125233	202990	2.20%	0.411%
51	19.398	2785	2790	2794	rBV	250868	351365	3.80%	0.712%
52	19.457	2796	2800	2805	rVB	122926	181051	1.96%	0.367%
53	19.551	2808	2816	2822	rBV3	200105	528471	5.72%	1.070%
54	19.680	2832	2838	2839	rBV3	182990	259139	2.80%	0.525%
55	19.716	2840	2844	2849	rVB	545005	752154	8.13%	1.523%
56	19.769	2849	2853	2857	rBV7	38394	77859	0.84%	0.158%
57	19.816	2857	2861	2865	rBV	451134	534920	5.78%	1.083%
58	19.869	2865	2870	2874	rVV2	323646	517926	5.60%	1.049%
59	19.904	2874	2876	2882	rVB	111764	153086	1.66%	0.310%
60	19.957	2882	2885	2889	rVB2	81245	108438	1.17%	0.220%
61	20.016	2890	2895	2898	rBV	140412	198601	2.15%	0.402%
62	20.057	2898	2902	2907	rBV4	146082	233686	2.53%	0.473%
63	20.157	2916	2919	2922	rVB3	27392	30389	0.33%	0.062%
64	20.286	2936	2941	2943	rBV6	37731	69196	0.75%	0.140%
65	20.351	2949	2952	2955	rBV2	54353	70748	0.77%	0.143%
66	20.433	2963	2966	2969	rBV3	50119	62906	0.68%	0.127%
67	20.480	2970	2974	2979	rVB	242516	315309	3.41%	0.638%
68	20.633	2996	3000	3003	rBV	375617	455108	4.92%	0.922%
69	20.669	3003	3006	3010	rBV2	284551	331347	3.58%	0.671%
70	20.710	3010	3013	3015	rBV	242078	287419	3.11%	0.582%
71	20.780	3021	3025	3029	rVB2	303597	408573	4.42%	0.827%

LSC Area Percent Report

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Data File : BN010058.D
Acq On : 03 Mar 2020 12:23
Operator : CG/JU
Sample : L1507-16DL 10X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBD14DL

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\SOM-EPA-BN021220MA.M
Title : SVOA CALIBRATION

72	20.816	3029	3031	3035	rVB	87672	92104	1.00%	0.187%
73	20.874	3035	3041	3047	rBV	91318	189323	2.05%	0.383%
74	20.933	3048	3051	3052	rBV	108731	111996	1.21%	0.227%
75	20.980	3053	3059	3064	rVV2	2371962	4706175	50.89%	9.530%
76	21.027	3064	3067	3078	rVB	2040809	2489745	26.92%	5.042%
77	21.116	3079	3082	3083	rBV3	75523	74214	0.80%	0.150%
78	21.145	3083	3087	3090	rVB	274359	321919	3.48%	0.652%
79	21.210	3095	3098	3100	rBV3	38335	48808	0.53%	0.099%
80	21.298	3109	3113	3119	rVB2	122132	206557	2.23%	0.418%
81	21.357	3120	3123	3127	rVB2	60675	76227	0.82%	0.154%
82	21.433	3134	3136	3140	rVB4	37094	43961	0.48%	0.089%
83	21.480	3140	3144	3147	rBV3	102979	152786	1.65%	0.309%
84	21.527	3149	3152	3156	rVV	201953	266173	2.88%	0.539%
85	21.580	3157	3161	3167	rVB3	102691	165194	1.79%	0.335%
86	21.645	3169	3172	3174	rBV	45562	47084	0.51%	0.095%
87	21.716	3180	3184	3186	rBV	124122	162372	1.76%	0.329%
88	21.739	3186	3188	3192	rVB3	108984	128811	1.39%	0.261%
89	21.792	3192	3197	3199	rBV2	59881	113662	1.23%	0.230%
90	21.992	3227	3231	3233	rBV3	91408	122272	1.32%	0.248%
91	22.245	3271	3274	3278	rBV4	78431	121832	1.32%	0.247%
92	22.474	3307	3313	3317	rBV	1147335	2278856	24.64%	4.615%
93	22.633	3336	3340	3344	rVB	93365	124028	1.34%	0.251%
94	22.910	3381	3387	3393	rVB	465853	739436	8.00%	1.497%
95	22.992	3396	3401	3408	rVB	694147	1081289	11.69%	2.190%
96	23.080	3410	3416	3421	rBV	959901	1661531	17.97%	3.365%
97	23.574	3496	3500	3509	rVB3	125267	224961	2.43%	0.456%
98	24.233	3609	3612	3620	rVB3	85810	153911	1.66%	0.312%
99	25.115	3756	3762	3771	rVB2	222554	569740	6.16%	1.154%
100	25.733	3862	3867	3881	rVB2	114656	307452	3.32%	0.623%

Sum of corrected areas: 49383667

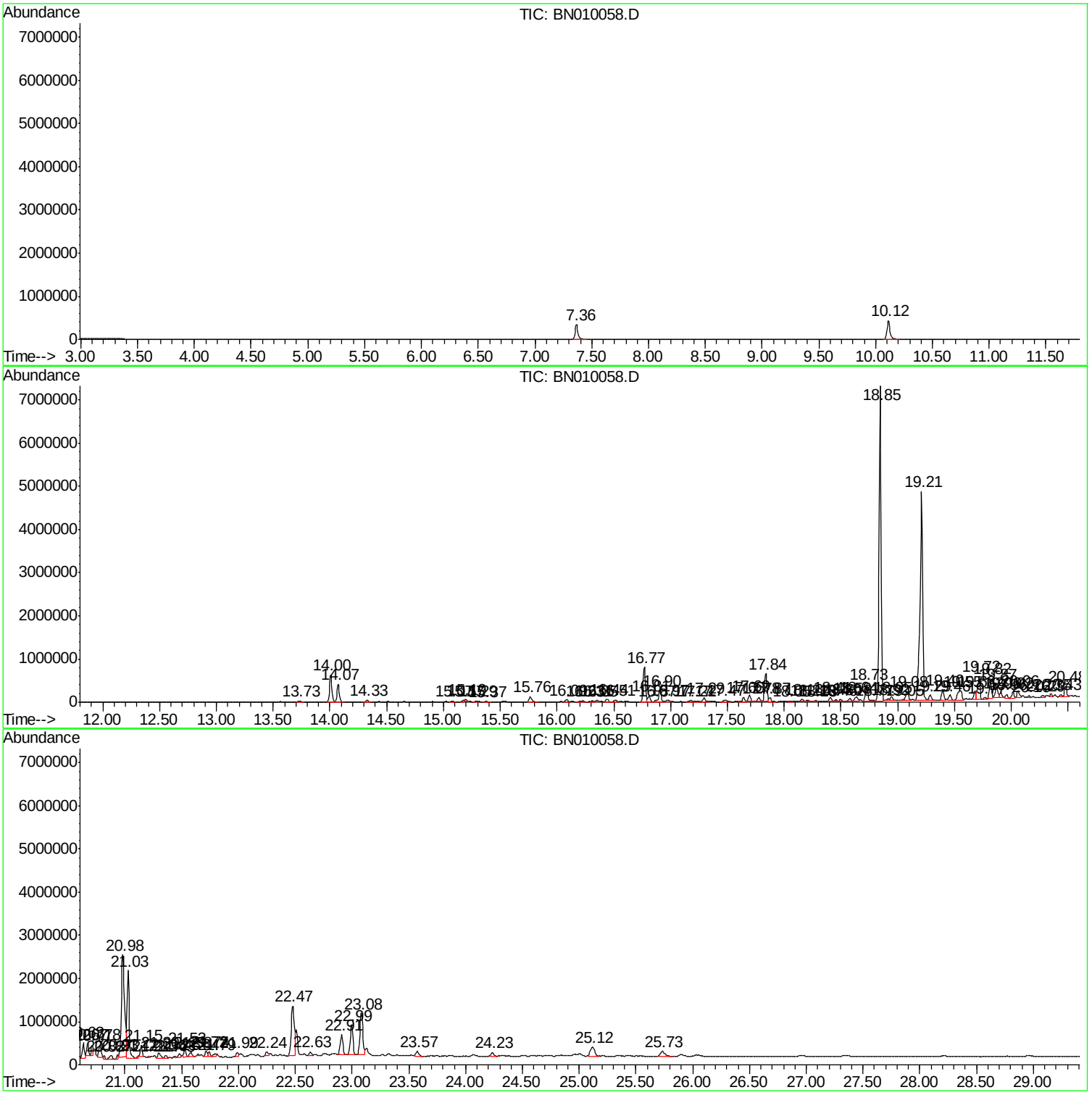
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030320\
Data File : BN010058.D
Acq On : 03 Mar 2020 12:23
Operator : CG/JU
Sample : L1507-16DL 10X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBD14DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030320\
Data File : BN010058.D
Acq On : 03 Mar 2020 12:23
Operator : CG/JU
Sample : L1507-16DL 10X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBD14DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION

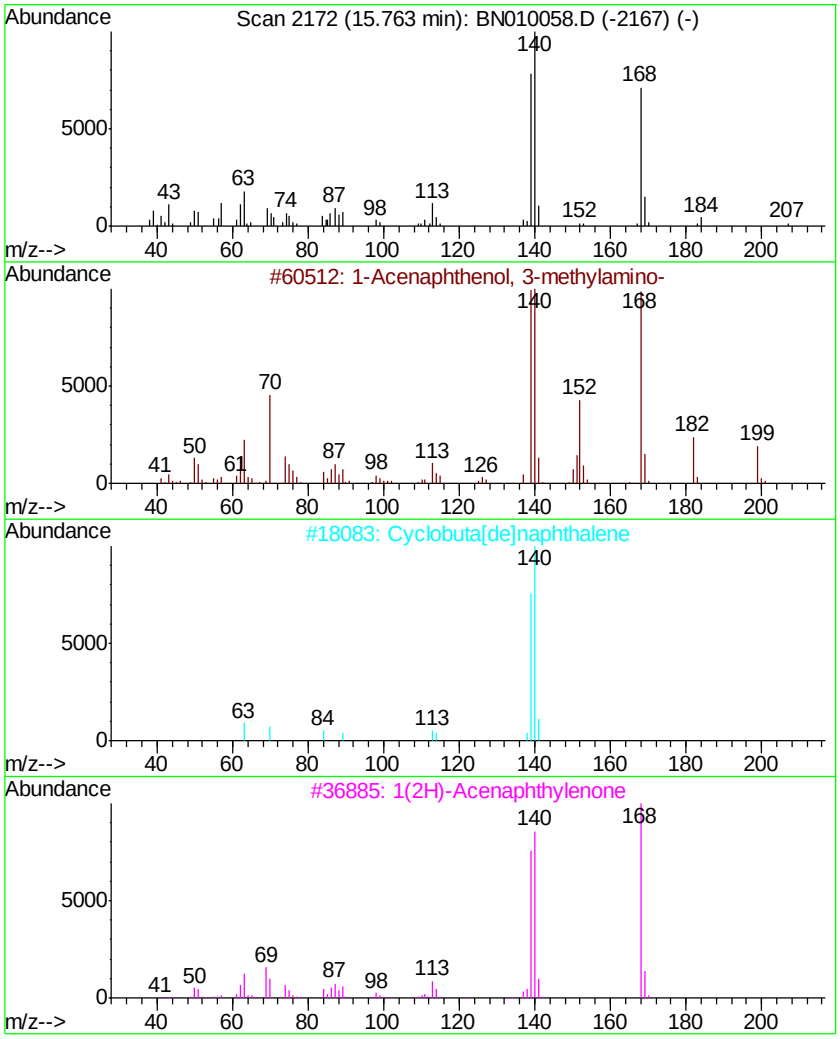
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

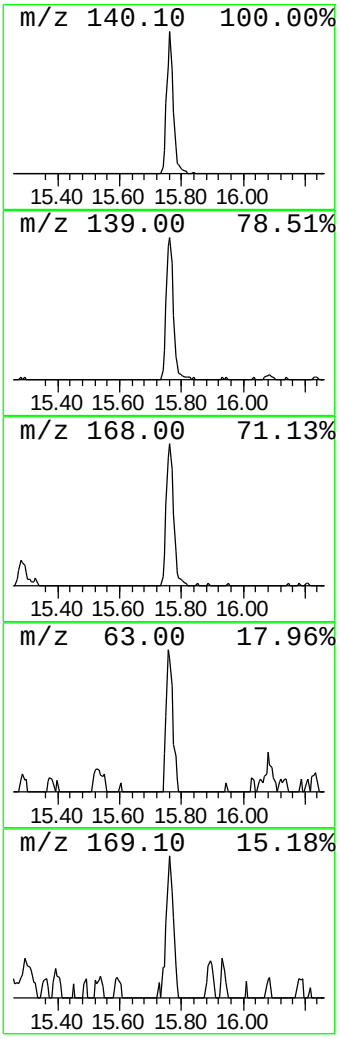
****

Peak Number 1 1-Acenaphthenol, 3-methylam... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.76	3.73 ng/ul	222405	Phenanthrene-d10	16.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Acenaphthenol, 3-methylamino-	199	C13H13NO	1000129-22-6	90
2	Cyclobuta[de]naphthalene	140	C11H8	024973-91-9	58
3	1(2H)-Acenaphthylenone	168	C12H8O	002235-15-6	55
4	3,6-Diethyl-1,2-dihydro-1,2,4,5-...	140	C6H12N4	068614-65-3	46
5	Dibenzofuran	168	C12H8O	000132-64-9	46





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030320\
Data File : BN010058.D
Acq On : 03 Mar 2020 12:23
Operator : CG/JU
Sample : L1507-16DL 10X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBD14DL

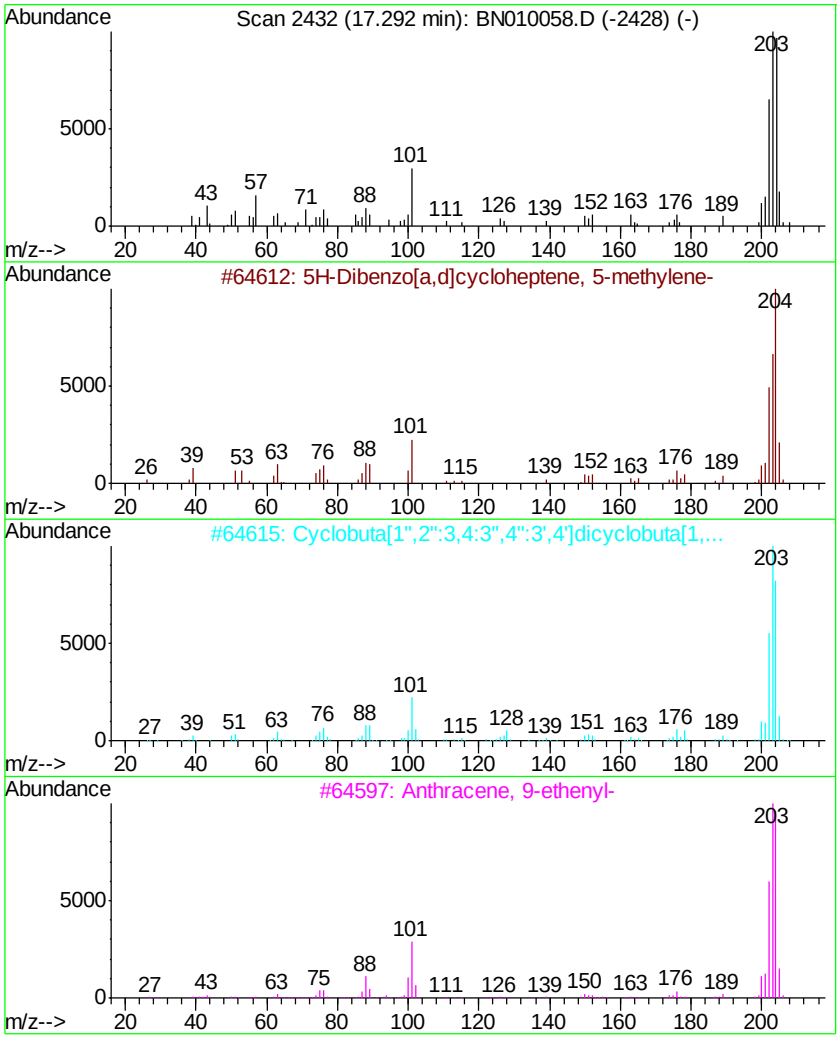
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION

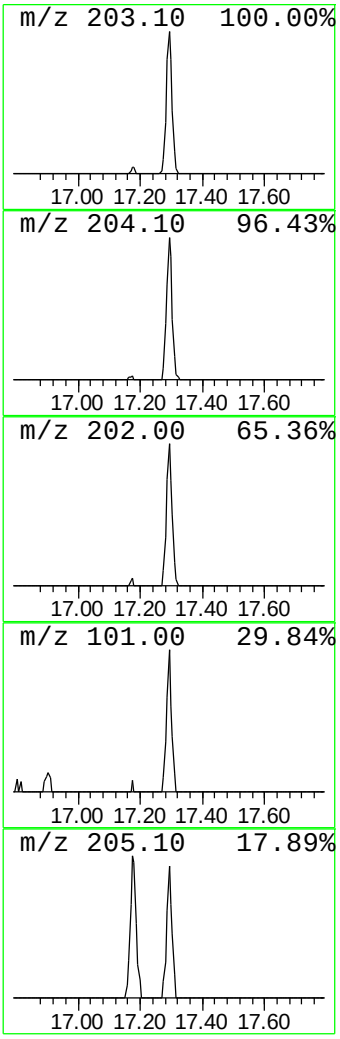
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 5H-Dibenzo[a,d]cycloheptene... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.29	2.04 ng/ul	121736	Phenanthrene-d10	16.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5H-Dibenzo[a,d]cycloheptene, 5-m...	204	C16H12	002975-79-3	90
2	Cyclobuta[1'',2'':3,4:3'',4'':3'...	204	C16H12	006574-36-3	90
3	Anthracene, 9-ethenyl-	204	C16H12	002444-68-0	90
4	Dibenzo[a,e]cyclooctene	204	C16H12	000262-89-5	90
5	Anthracene, 9-ethenyl-	204	C16H12	002444-68-0	90





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030320\
Data File : BN010058.D
Acq On : 03 Mar 2020 12:23
Operator : CG/JU
Sample : L1507-16DL 10X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBD14DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION

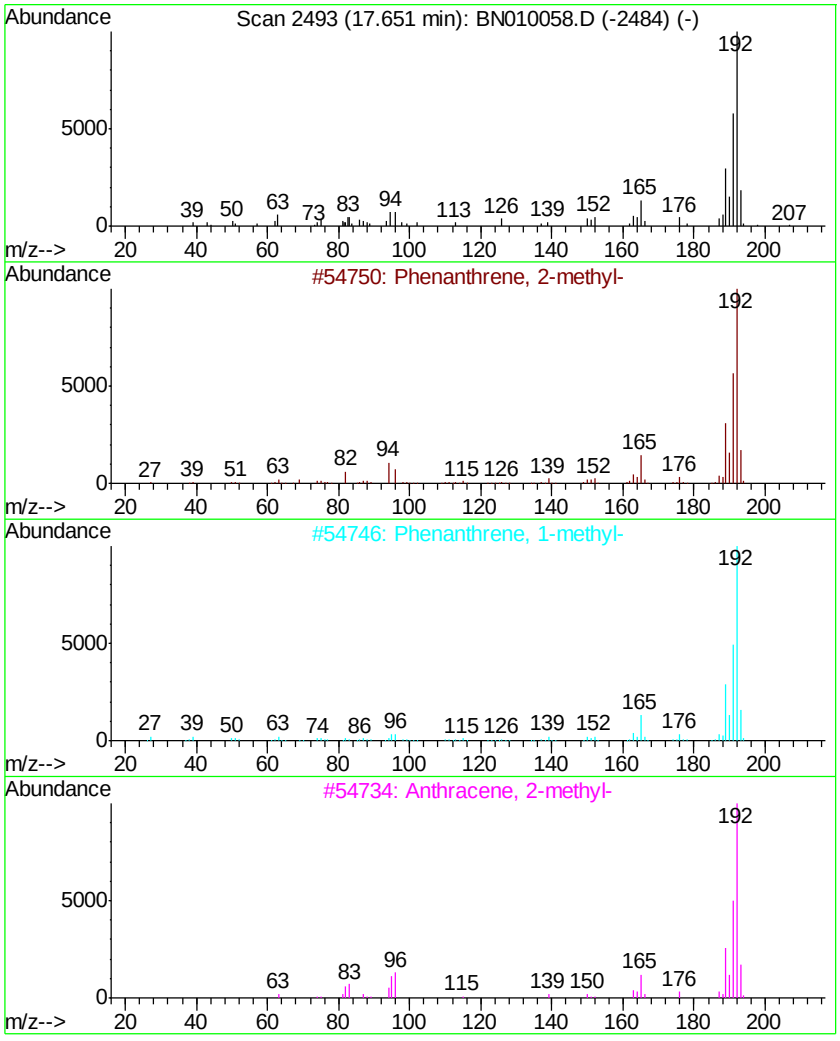
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

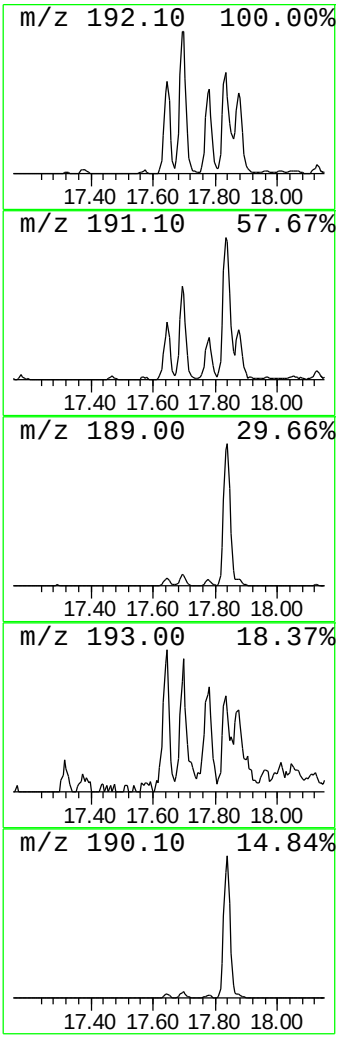
****

Peak Number 3 Phenanthrene, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.65	2.34 ng/ul	139404	Phenanthrene-d10	16.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030320\
Data File : BN010058.D
Acq On : 03 Mar 2020 12:23
Operator : CG/JU
Sample : L1507-16DL 10X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBD14DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION

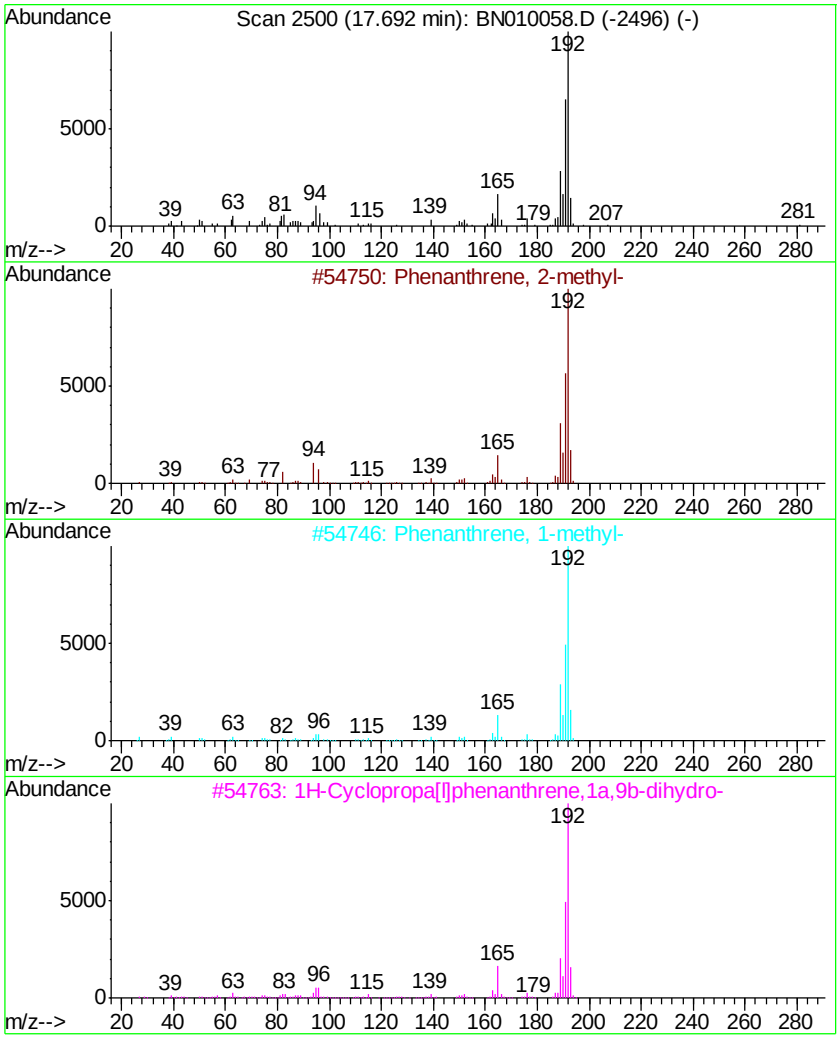
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

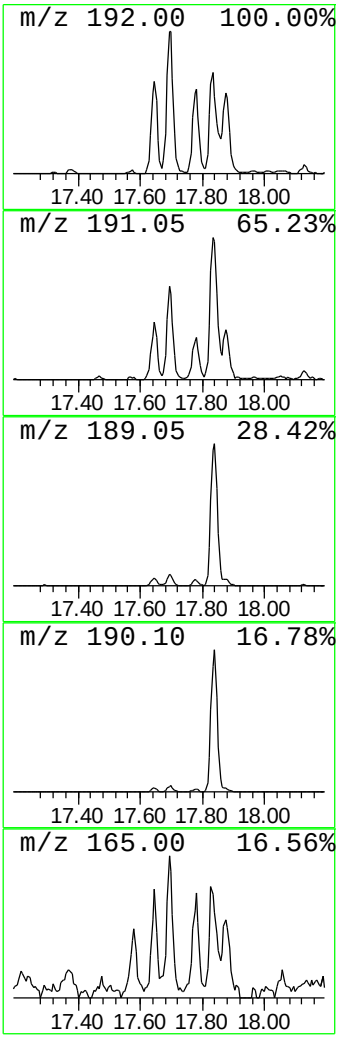
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.69	3.72 ng/ul	222324	Phenanthrene-d10	16.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	95





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030320\
Data File : BN010058.D
Acq On : 03 Mar 2020 12:23
Operator : CG/JU
Sample : L1507-16DL 10X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBD14DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION

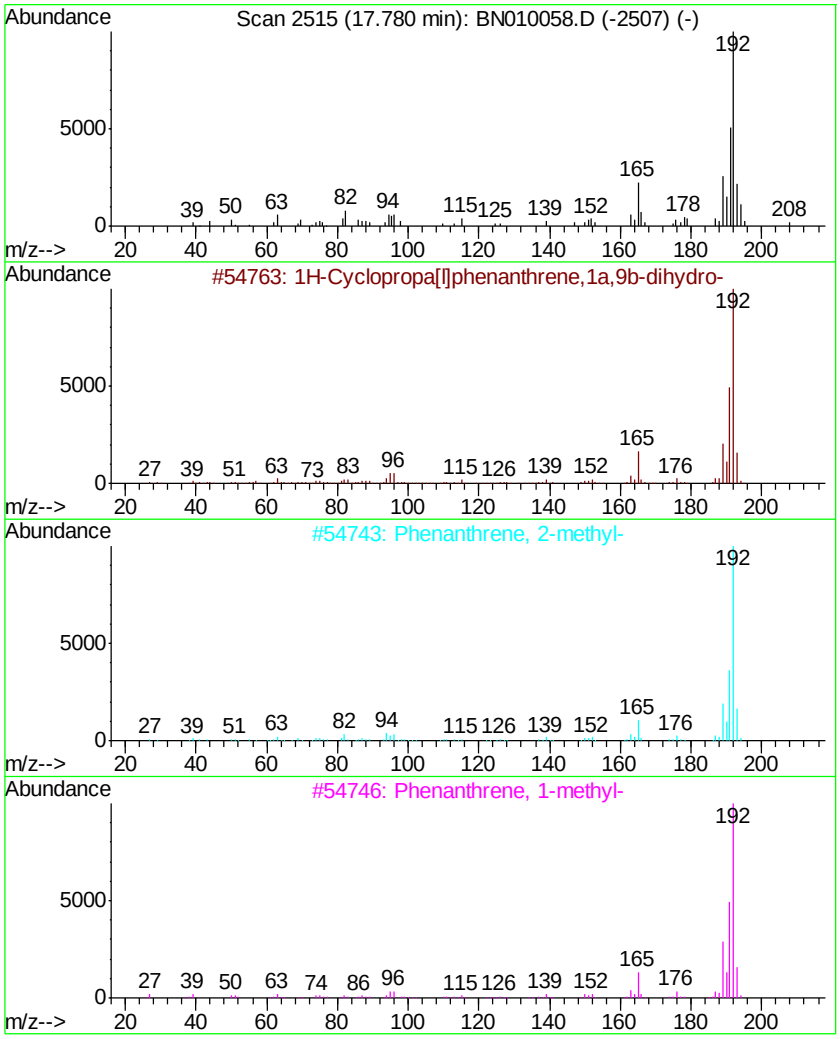
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

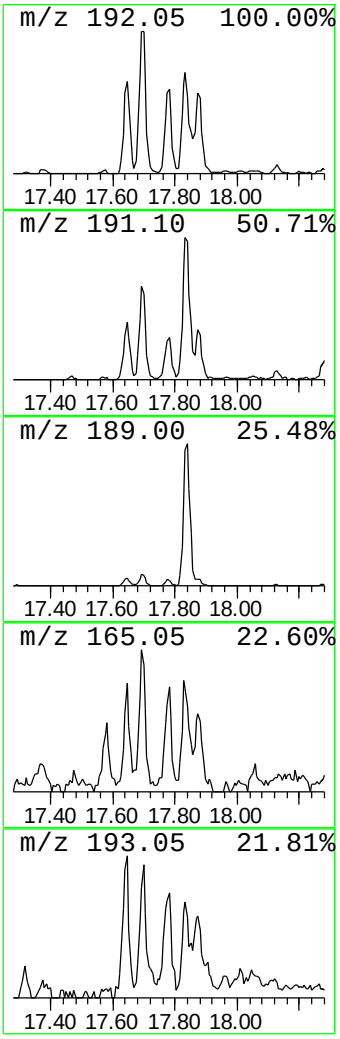
****

Peak Number 5 1H-Cyclopropa[l]phenanthren... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.78	2.48 ng/ul	147947	Phenanthrene-d10	16.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93





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Data File : BN010058.D
Acq On : 03 Mar 2020 12:23
Operator : CG/JU
Sample : L1507-16DL 10X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBD14DL

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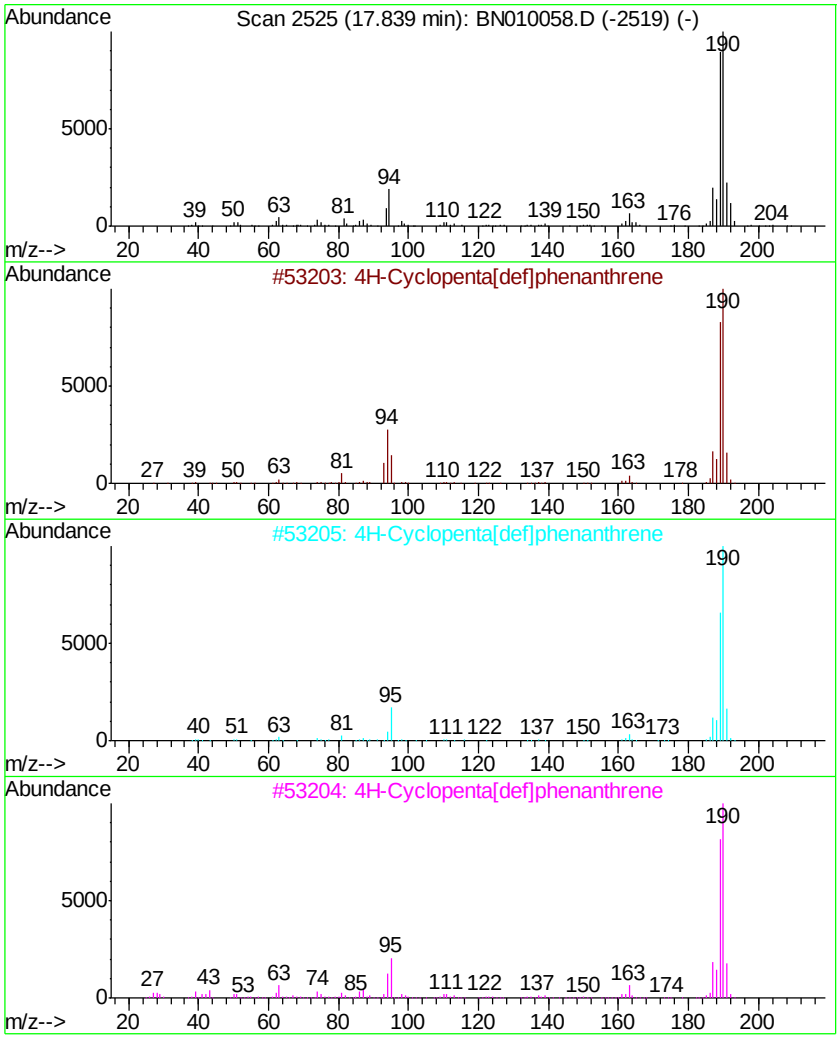
Quant Title : SVOA CALIBRATION

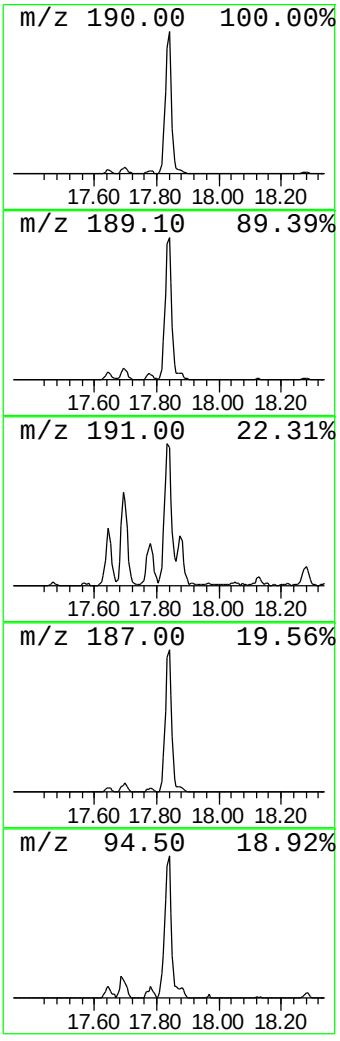
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 4H-Cyclopenta[def]phenanthrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.84	16.40 ng/ul	979136	Phenanthrene-d10	16.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	91
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	87
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	81
4	Phenol, 4-(2-thienylmethyl)-	190	C11H10OS	091680-55-6	59
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	45





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Operator : CG/JU
Sample : L1507-16DL 10X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBD14DL

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Quant Title : SVOA CALIBRATION

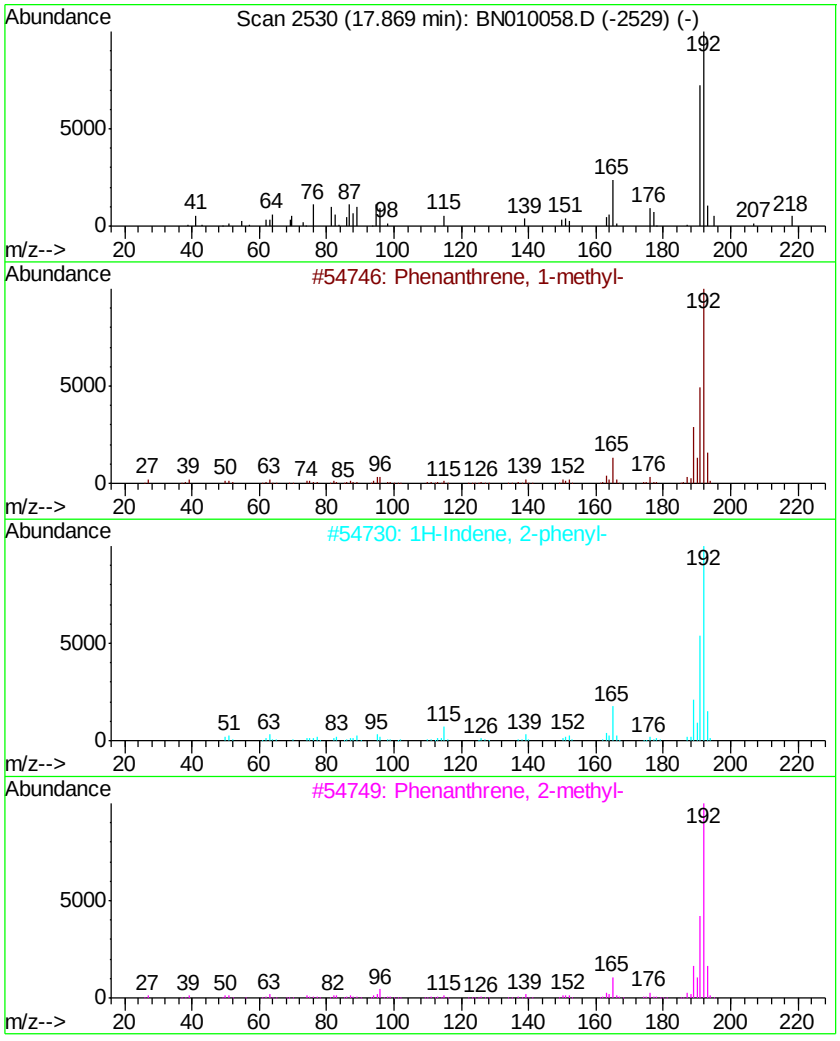
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

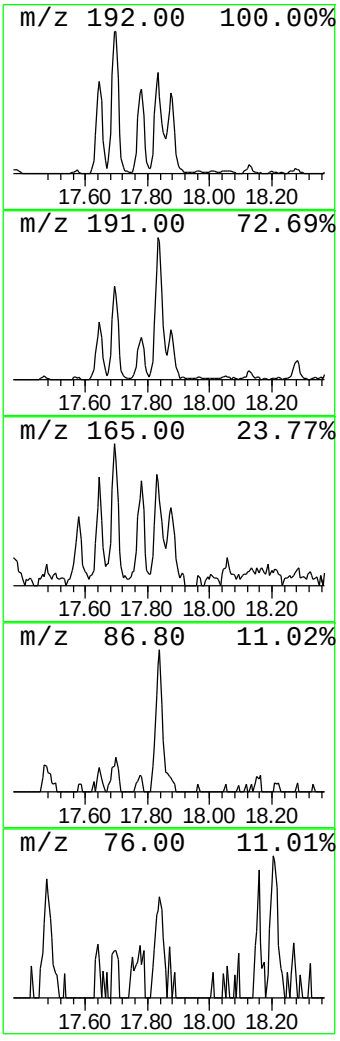
****

Peak Number 7 1H-Indene, 2-phenyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.87	2.04 ng/ul	121819	Phenanthrene-d10	16.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	80
2	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	72
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	72
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	72
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	72





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Acq On : 03 Mar 2020 12:23
Operator : CG/JU
Sample : L1507-16DL 10X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBD14DL

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Quant Title : SVOA CALIBRATION

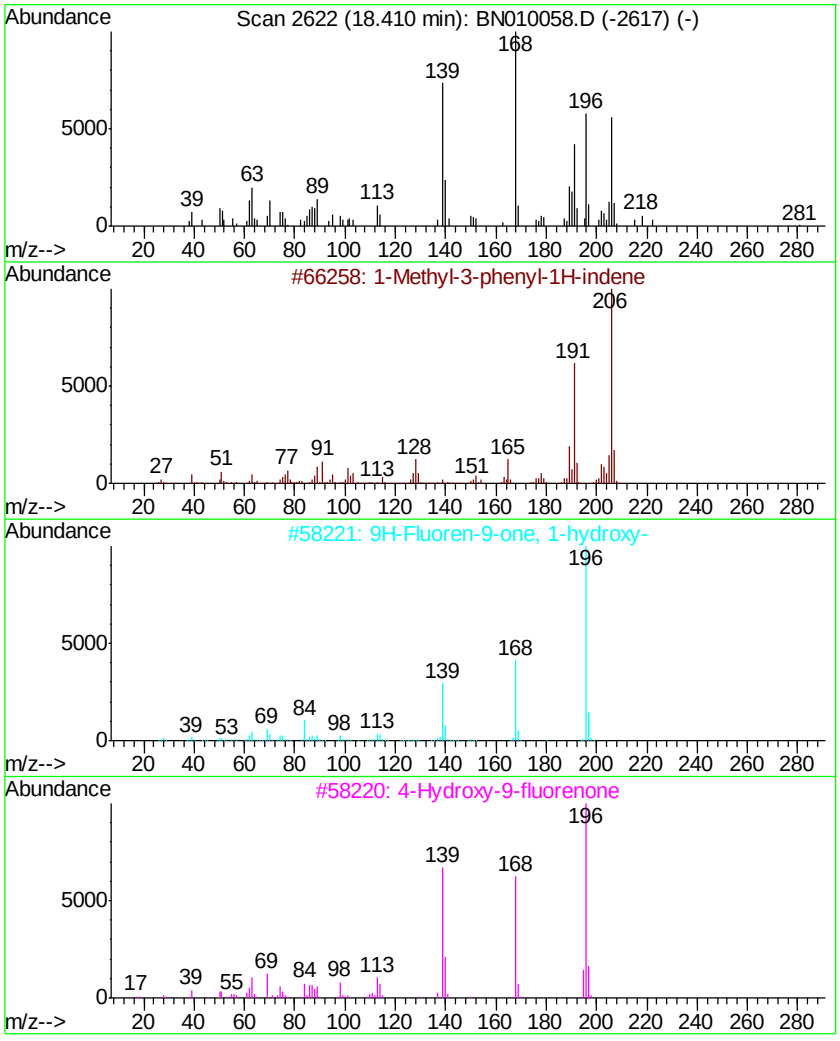
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

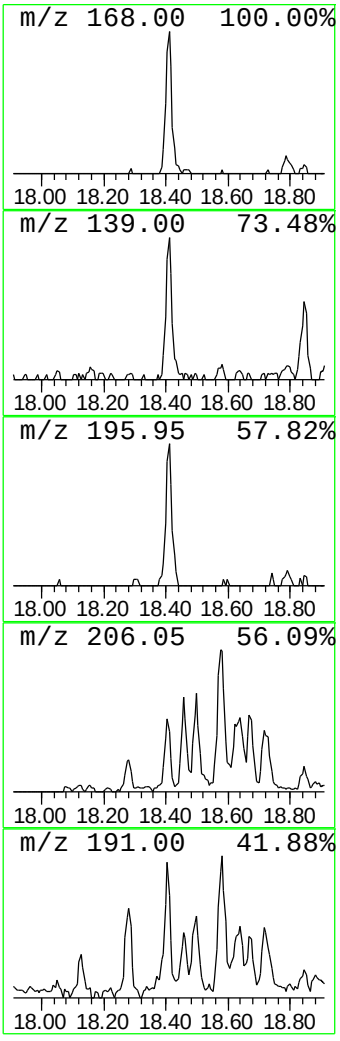
****

Peak Number 8 1-Methyl-3-phenyl-1H-indene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.41	2.24 ng/ul	134000	Phenanthrene-d10	16.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Methyl-3-phenyl-1H-indene	206	C16H14	022360-62-9	56
2	9H-Fluoren-9-one, 1-hydroxy-	196	C13H8O2	006344-60-1	55
3	4-Hydroxy-9-fluorenone	196	C13H8O2	001986-00-1	41
4	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	35
5	2-Hydroxy-9-fluorenone	196	C13H8O2	006949-73-1	30





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Acq On : 03 Mar 2020 12:23
Operator : CG/JU
Sample : L1507-16DL 10X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBD14DL

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Quant Title : SVOA CALIBRATION

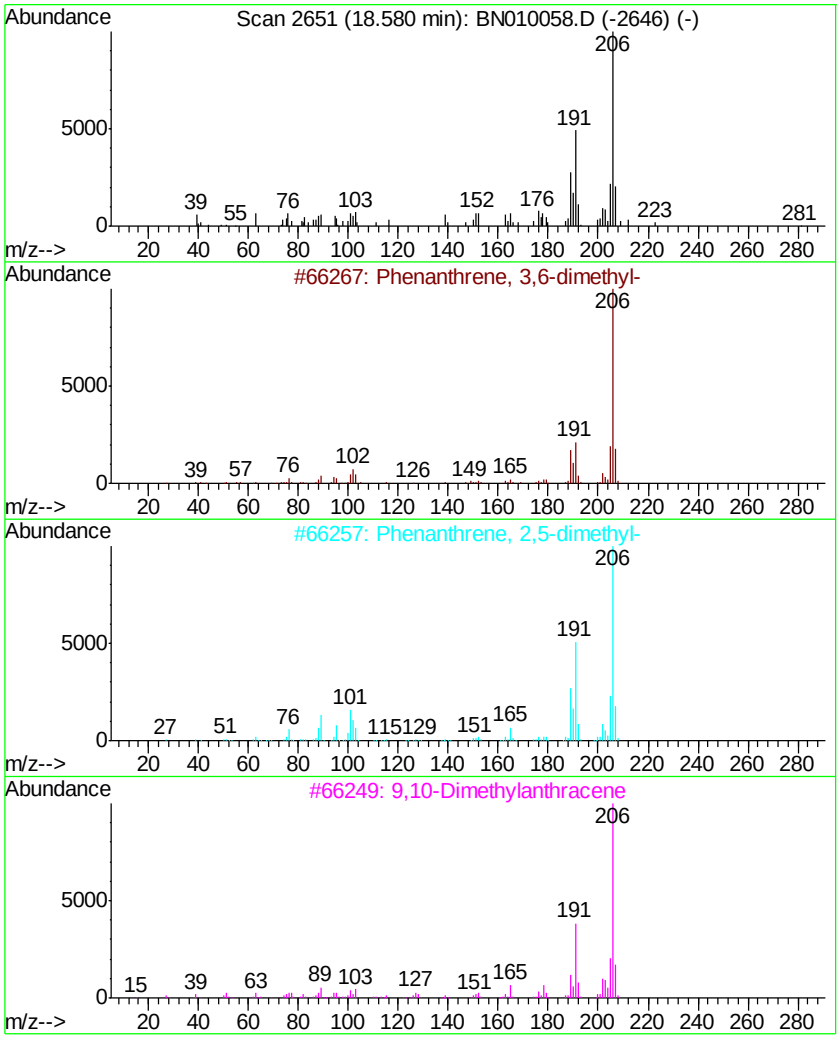
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

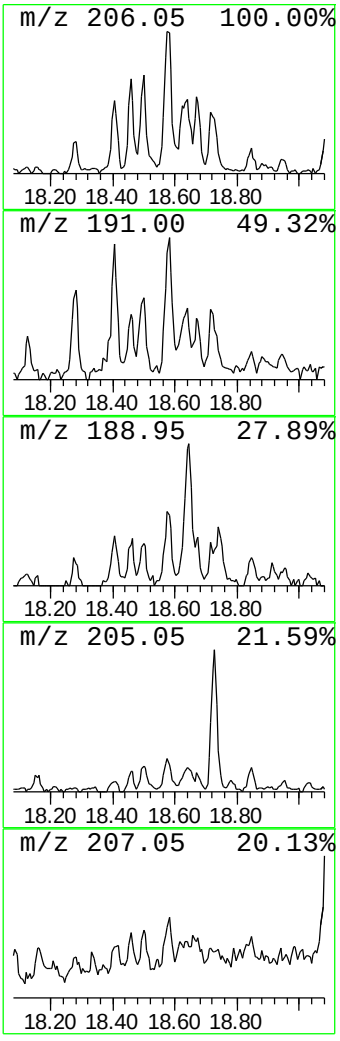
****

Peak Number 9 Phenanthrene, 3,6-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.58	2.08 ng/ul	123915	Phenanthrene-d10	16.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	94
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
4	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	90
5	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	89





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Sample : L1507-16DL 10X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBD14DL

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Quant Title : SVOA CALIBRATION

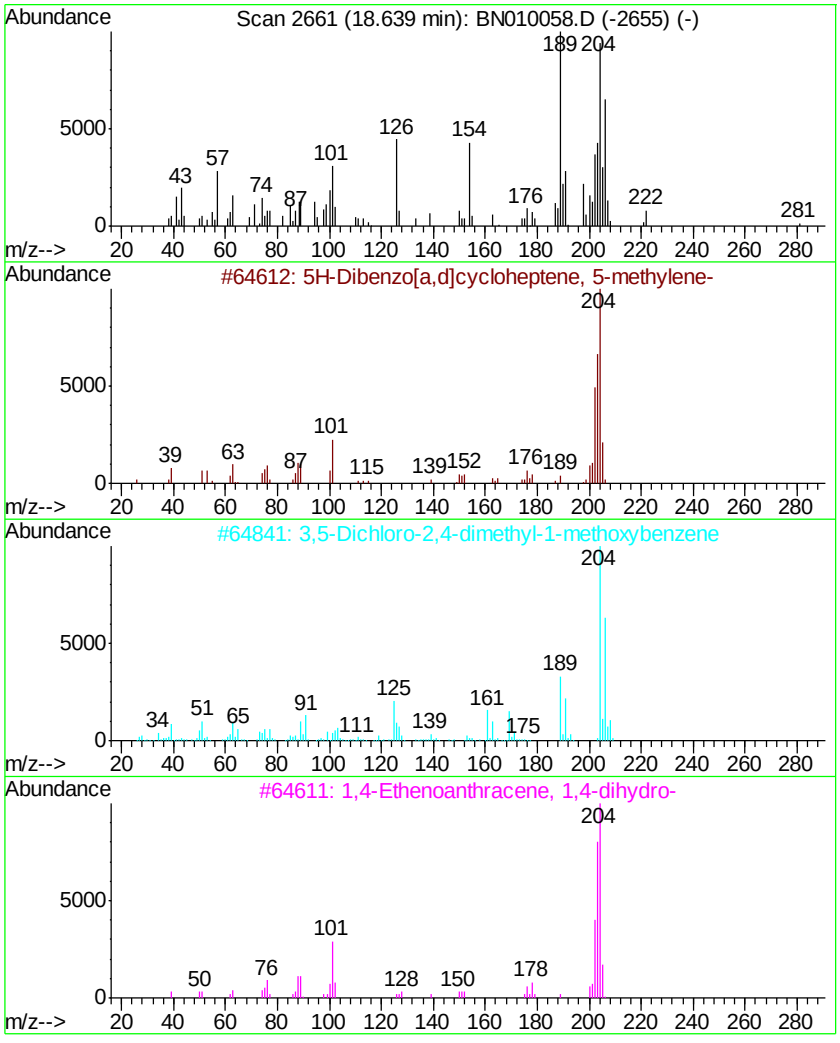
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

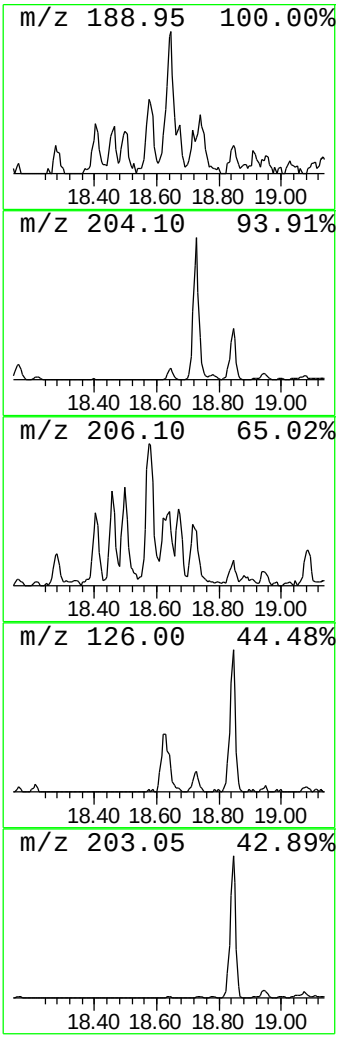
****

Peak Number 10 unknown-01 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.64	2.95 ng/ul	175946	Phenanthrene-d10	16.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5H-Dibenzo[a,d]cycloheptene, 5-m...	204	C16H12	002975-79-3	38
2	3,5-Dichloro-2,4-dimethyl-1-meth...	204	C9H10Cl2O	1000250-17-8	30
3	1,4-Ethenoanthracene, 1,4-dihydro-	204	C16H12	027765-96-4	25
4	Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	25
5	Indeno[2,1-a]indene, 5,10-dihydro-	204	C16H12	006543-29-9	25





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Operator : CG/JU
Sample : L1507-16DL 10X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBD14DL

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Quant Title : SVOA CALIBRATION

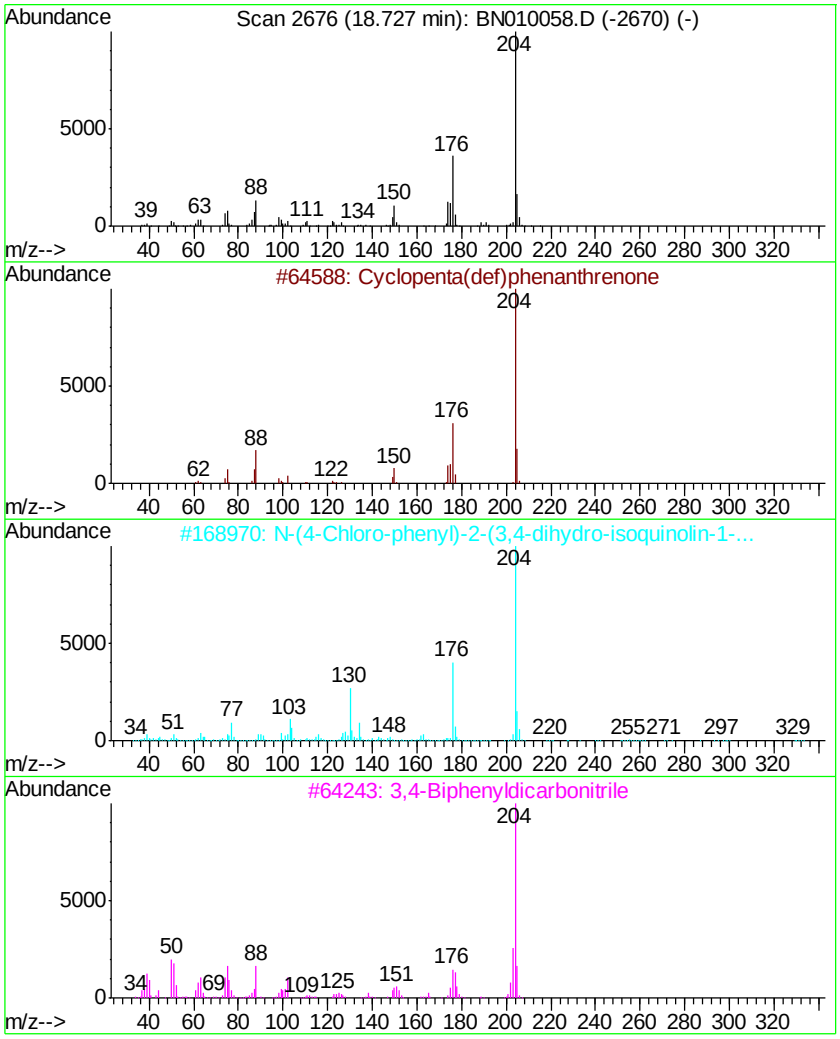
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

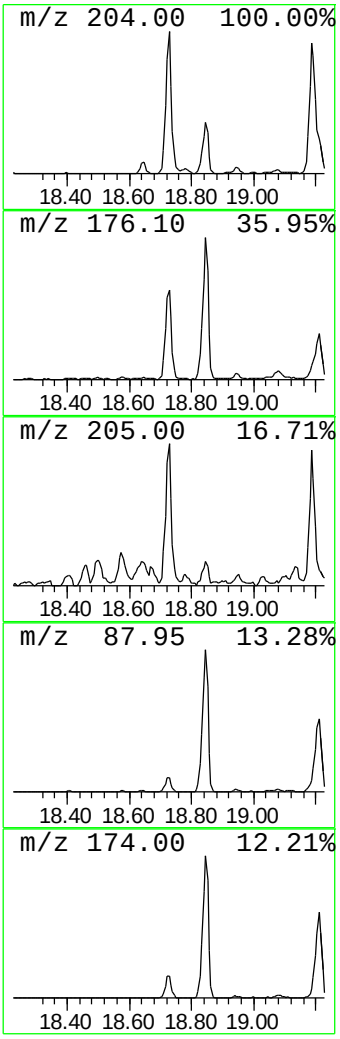
****

Peak Number 11 Cyclopenta(def)phenanthrenone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.73	9.58 ng/ul	571940	Phenanthrene-d10	16.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	91
2	N-(4-Chloro-phenyl)-2-(3,4-dihyd...	330	C17H15ClN2OS	1000296-34-3	53
3	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	50
4	Quinoline, 8-methoxy-5-nitro-	204	C10H8N2O3	1000298-88-7	47
5	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	46





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Sample : L1507-16DL 10X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBD14DL

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Quant Title : SVOA CALIBRATION

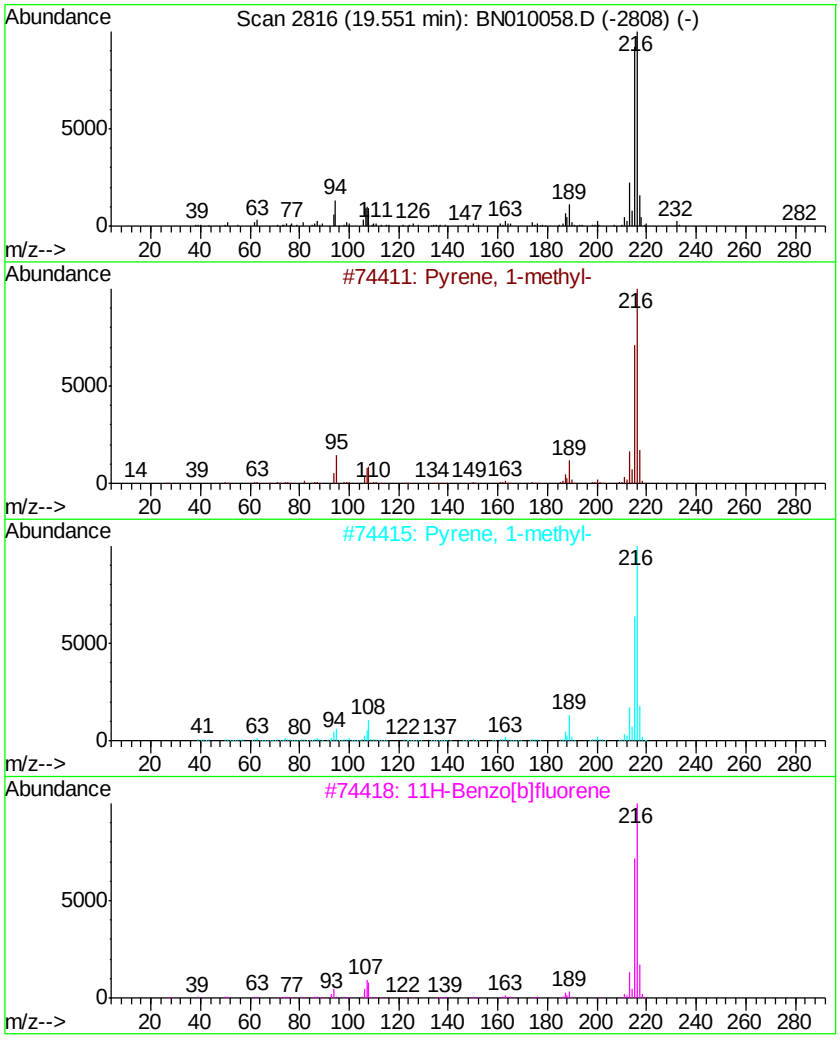
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

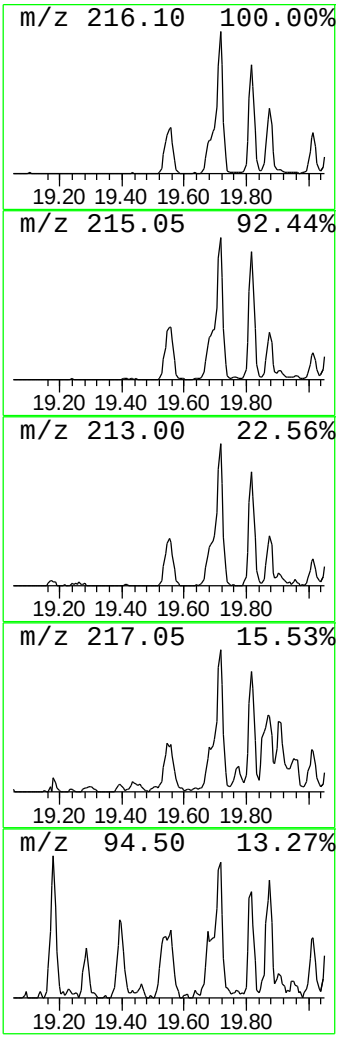
****

Peak Number 12 Pyrene, 1-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.55	2.25 ng/ul	528471	Chrysene-d12	20.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	92
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	78
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	76





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Operator : CG/JU
Sample : L1507-16DL 10X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBD14DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION

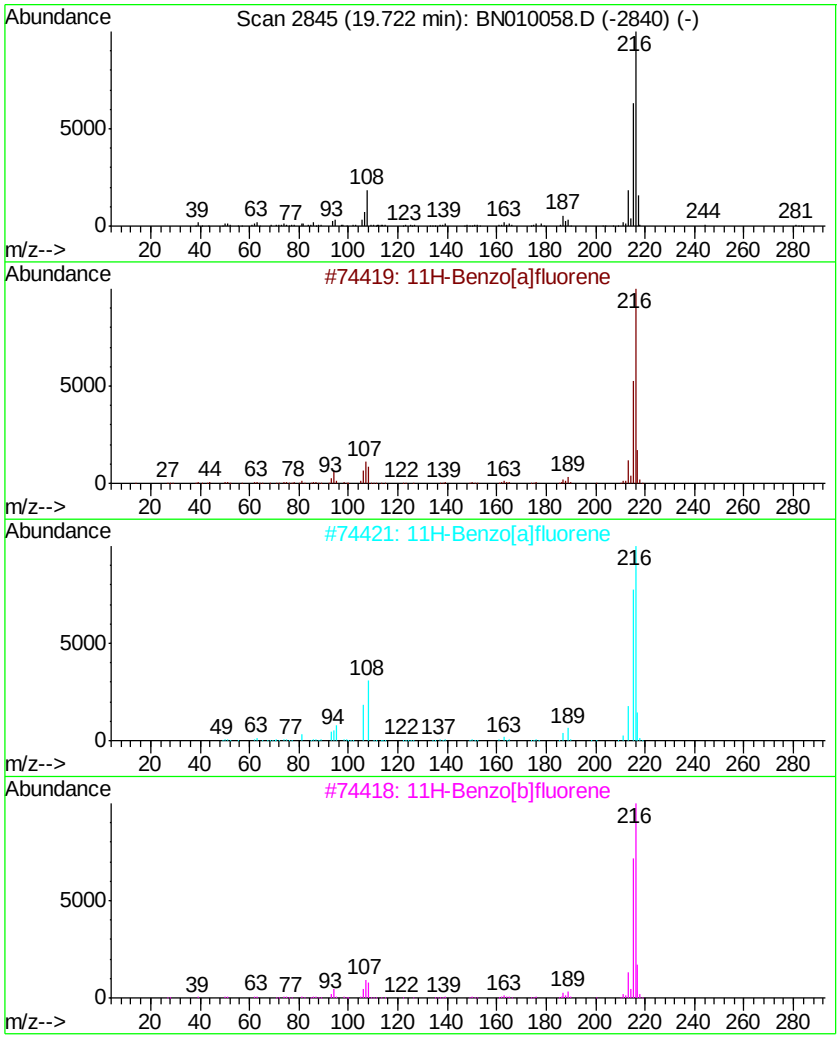
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

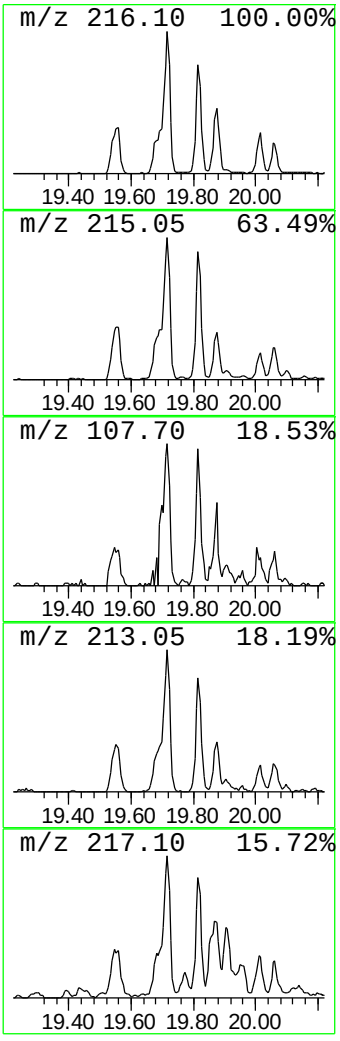
****

Peak Number 13 11H-Benzo[a]fluorene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.72	3.20 ng/ul	752154	Chrysene-d12	20.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	94
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	83





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Sample : L1507-16DL 10X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBD14DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION

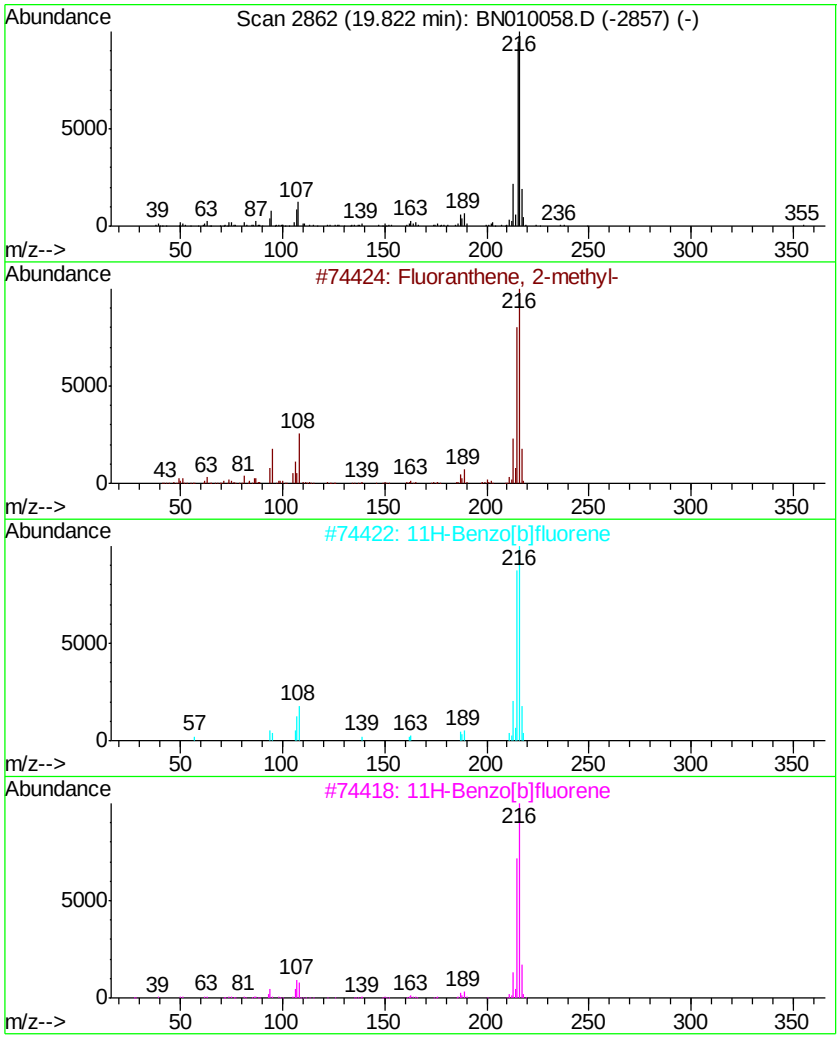
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

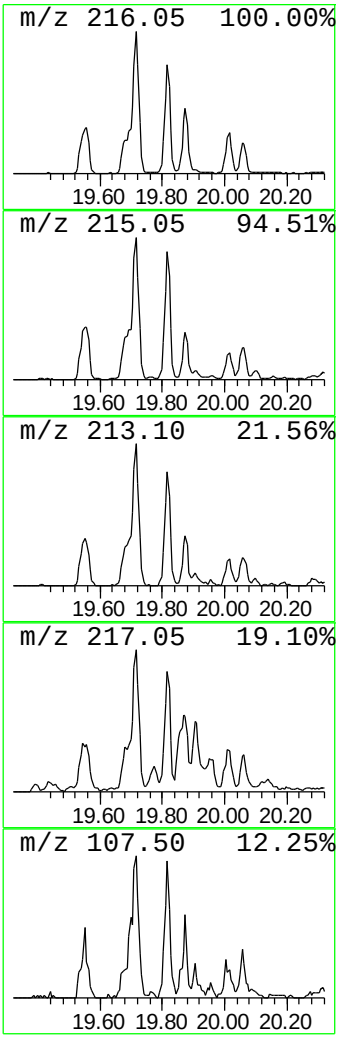
****

Peak Number 14 Fluoranthene, 2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.82	2.27 ng/ul	534920	Chrysene-d12	20.99

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[b]fluorene	216	C17H12	000243-17-4	90
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	81





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Sample : L1507-16DL 10X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBD14DL

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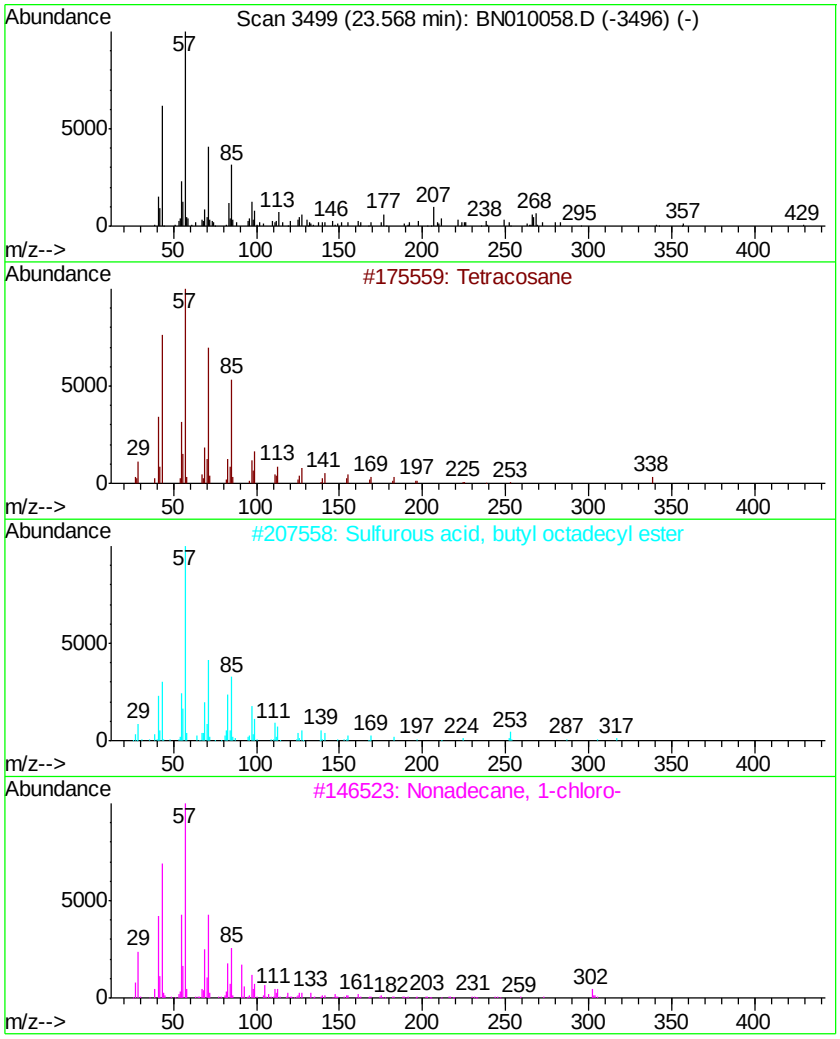
Quant Title : SVOA CALIBRATION

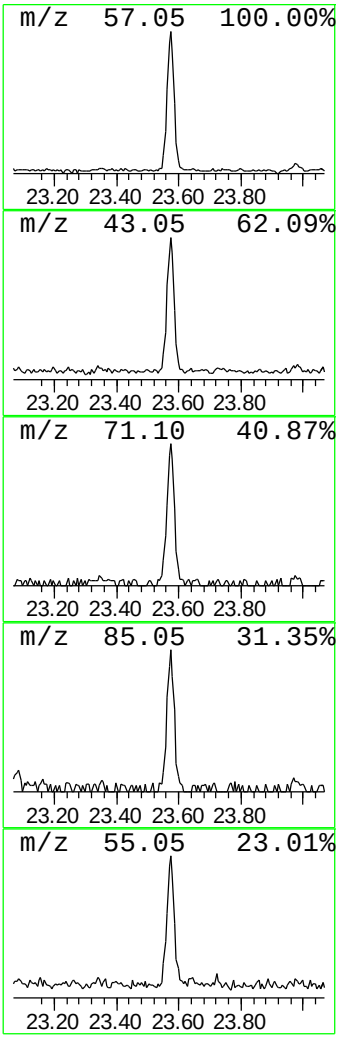
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.57	2.71 ng/ul	224961	Perylene-d12	23.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	53
2	Sulfurous acid, butyl octadecyl ...	390	C22H46O3S	1000309-18-5	52
3	Nonadecane, 1-chloro-	302	C19H39Cl	062016-76-6	52
4	Hexadecane	226	C16H34	000544-76-3	49
5	Docosane, 11-butyl-	366	C26H54	013475-76-8	49





Tentatively Identified Compound (LSC) summary

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Data File : BN010058.D
Acq On : 03 Mar 2020 12:23
Operator : CG/JU
Sample : L1507-16DL 10X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBD14DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.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-Acenaphthenol, ...	15.76	3.7	ng/ul	222405	4	16.77	1193900	20.0
5H-Dibenzo[a,d]cy...	17.29	2.0	ng/ul	121736	4	16.77	1193900	20.0
Phenanthrene, 2-m...	17.65	2.3	ng/ul	139404	4	16.77	1193900	20.0
Phenanthrene, 1-m...	17.69	3.7	ng/ul	222324	4	16.77	1193900	20.0
1H-Cyclopropa[l]p...	17.78	2.5	ng/ul	147947	4	16.77	1193900	20.0
4H-Cyclopenta[def...	17.84	16.4	ng/ul	979136	4	16.77	1193900	20.0
1H-Indene, 2-phenyl-	17.87	2.0	ng/ul	121819	4	16.77	1193900	20.0
1-Methyl-3-phenyl...	18.41	2.2	ng/ul	134000	4	16.77	1193900	20.0
Phenanthrene, 3,6...	18.58	2.1	ng/ul	123915	4	16.77	1193900	20.0
unknown-01	18.64	3.0	ng/ul	175946	4	16.77	1193900	20.0
Cyclopenta(def)ph...	18.73	9.6	ng/ul	571940	4	16.77	1193900	20.0
Pyrene, 1-methyl-	19.55	2.3	ng/ul	528471	5	20.99	4706180	20.0
11H-Benzo[a]fluorene	19.72	3.2	ng/ul	752154	5	20.99	4706180	20.0
Fluoranthene, 2-m...	19.82	2.3	ng/ul	534920	5	20.99	4706180	20.0
(DEL) Alkane: Str...	23.57	2.7	ng/ul	224961	6	23.08	1661530	20.0