LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN070618\
Data File : BN001987.D
Acq On : 06 Jul 2018 13:28
Operator : JU/SJ
Sample : J3765-01 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : F1H02

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-BN061918.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	3.022	3	6	26	rVB	577938	904196	5.37%	0.464%
2	6.416	577	583	592	rVB	532968	825046	4.90%	0.423%
3	6.887	653	663	673	rBV	494929	872144	5.18%	0.447%
4	7.052	685	691	700	rBV	375664	601058	3.57%	0.308%
5	7.246	717	724	733	rVB	499238	795923	4.73%	0.408%
6	7.710	796	803	811	rBV	2121334	3372203	20.03%	1.730%
7	7.846	819	826	834	rVB	156794	243106	1.44%	0.125%
8	7.934	834	841	848	rBV2	70343	122607	0.73%	0.063%
9	8.410	915	922	933	rBV	621109	1010556	6.00%	0.518%
10	8.857	987	998	1008	rBV	464722	825971	4.91%	0.424%
11	9.569	1111	1119	1134	rBV	376991	645822	3.84%	0.331%
12	9.857	1162	1168	1172	rVV	129374	213362	1.27%	0.109%
13	10.104	1203	1210	1224	rBV	657172	1117179	6.63%	0.573%
14	10.351	1245	1252	1256	rBV2	145691	234148	1.39%	0.120%
15	10.481	1265	1274	1280	rBV	3158590	5384941	31.98%	2.762%
16	10.540	1280	1284	1290	rVV3	102230	189692	1.13%	0.097%
17	10.616	1290	1297	1310	rVB	408383	729522	4.33%	0.374%
18	13.751	1824	1830	1834	rVV	1098239	1588962	9.44%	0.815%
19	13.792	1834	1837	1844	rVB	483647	658738	3.91%	0.338%
20	14.028	1869	1877	1881	rBV	1352236	2205716	13.10%	1.131%
21	14.340	1921	1930	1937	rVV2	4578280	7229908	42.94%	3.708%
22	14.540	1958	1964	1973	rBV	373295	631038	3.75%	0.324%
23	14.739	1993	1998	2007	rVB	50340	104148	0.62%	0.053%
24	15.334	2093	2099	2105	rBV	1724212	2495562	14.82%	1.280%
25	15.451	2114	2119	2125	rBV	360831	516329	3.07%	0.265%
26	16.057	2217	2222	2227	rBV3	105049	208394	1.24%	0.107%
27	16.739	2333	2338	2344	rVB2	101673	156169	0.93%	0.080%
28	16.822	2346	2352	2356	rBV3	48078	116896	0.69%	0.060%
29	16.863	2356	2359	2363	rVV4	71328	111499	0.66%	0.057%
30	16.904	2363	2366	2375	rVB2	62644	114274	0.68%	0.059%
31	17.086	2389	2397	2401	rBV2	5498064	8391594	49.84%	4.304%
32	17.122	2401	2403	2408	rVV	1189807	1511782	8.98%	0.775%
33	17.181	2408	2413	2416	rVV	1807033	2612851	15.52%	1.340%
34	17.216	2416	2419	2424	rVV	808862	1120302	6.65%	0.575%

LSC Area Percent Report

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Operator : JU/SJ
Sample : J3765-01 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : F1H02

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-BN061918.M
Title : SVOA CALIBRATION

35	17.269	2425	2428	2436	rVB	136958	230465	1.37%	0.118%
36	17.486	2457	2465	2469	rBV	350514	568751	3.38%	0.292%
37	17.528	2469	2472	2480	rVV3	107330	243827	1.45%	0.125%
38	17.604	2481	2485	2491	rVB2	151951	206448	1.23%	0.106%
39	17.957	2540	2545	2548	rBV	210022	322181	1.91%	0.165%
40	17.998	2548	2552	2561	rVB2	478380	905886	5.38%	0.465%
41	18.086	2562	2567	2571	rVB	165599	269058	1.60%	0.138%
42	18.151	2573	2578	2582	rBV3	282557	563890	3.35%	0.289%
43	18.463	2628	2631	2634	rBV	188043	219202	1.30%	0.112%
44	18.498	2634	2637	2643	rVB	594474	816089	4.85%	0.419%
45	18.592	2650	2653	2656	rVB4	96909	112354	0.67%	0.058%
46	18.675	2664	2667	2669	rBV4	153655	205835	1.22%	0.106%
47	18.710	2670	2673	2677	rVB2	421364	559479	3.32%	0.287%
48	18.798	2685	2688	2693	rVB2	162292	240338	1.43%	0.123%
49	18.880	2698	2702	2706	rBV	331843	482834	2.87%	0.248%
50	18.927	2706	2710	2716	rVB3	367765	575481	3.42%	0.295%
51	19.022	2721	2726	2734	rVB	815856	1164239	6.91%	0.597%
52	19.145	2741	2747	2754	rBV	9098288	12664599	75.21%	6.496%
53	19.210	2754	2758	2761	rBV2	335854	411114	2.44%	0.211%
54	19.245	2762	2764	2767	rVB3	137129	127638	0.76%	0.065%
55	19.292	2767	2772	2776	rVB3	261090	470664	2.80%	0.241%
56	19.345	2777	2781	2783	rBV4	171229	247704	1.47%	0.127%
57	19.392	2786	2789	2792	rVB	190148	225849	1.34%	0.116%
58	19.480	2799	2804	2806	rBV2	2962881	4417987	26.24%	2.266%
59	19.510	2806	2809	2817	rVV	10414690	14079568	83.62%	7.221%
60	19.586	2818	2822	2827	rVV2	375372	693522	4.12%	0.356%
61	19.692	2836	2840	2846	rBV	414789	684849	4.07%	0.351%
62	19.751	2846	2850	2857	rVB3	584175	971024	5.77%	0.498%
63	19.839	2859	2865	2869	rBV6	923455	2037116	12.10%	1.045%
64	19.880	2869	2872	2876	rVB2	1566955	1828745	10.86%	0.938%
65	19.933	2878	2881	2883	rBV3	279605	311039	1.85%	0.160%
66	19.980	2883	2889	2890	rBV3	800079	1345705	7.99%	0.690%
67	20.104	2908	2910	2914	rVB2	286623	328531	1.95%	0.169%
68	20.163	2914	2920	2925	rBV2	1252802	2324331	13.80%	1.192%
69	20.204	2925	2927	2931	rVB2	312330	366184	2.17%	0.188%
70	20.269	2934	2938	2941	rVV2	978717	1250569	7.43%	0.641%
71	20.310	2941	2945	2948	rVV	807978	1111599	6.60%	0.570%

LSC Area Percent Report

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Operator : JU/SJ
Sample : J3765-01 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : F1H02

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-BN061918.M
Title : SVOA CALIBRATION

72	20.351	2949	2952	2957	rVB3	568342	825416	4.90%	0.423%
73	20.422	2962	2964	2967	rBV	177831	177342	1.05%	0.091%
74	20.474	2969	2973	2978	rVB	1133609	1458902	8.66%	0.748%
75	20.533	2979	2983	2985	rBV4	420494	609080	3.62%	0.312%
76	20.757	3017	3021	3027	rBV	1584092	2059655	12.23%	1.056%
77	20.851	3034	3037	3042	rBV2	613447	742524	4.41%	0.381%
78	20.927	3044	3050	3053	rVV2	1140282	2286924	13.58%	1.173%
79	20.969	3053	3057	3060	rVV3	1746363	2928383	17.39%	1.502%
80	21.004	3060	3063	3068	rVV2	1449342	2880628	17.11%	1.477%
81	21.057	3069	3072	3084	rVB	1174462	1834832	10.90%	0.941%
82	21.233	3098	3102	3104	rBV2	986111	1449031	8.61%	0.743%
83	21.274	3104	3109	3114	rVV2	7458816	16838152	100.00%	8.636%
84	21.316	3114	3116	3124	rVB	4732234	6574960	39.05%	3.372%
85	21.451	3134	3139	3142	rBV2	412730	763155	4.53%	0.391%
86	21.586	3159	3162	3169	rBV3	706082	1501894	8.92%	0.770%
87	21.639	3169	3171	3175	rBV4	377213	484019	2.87%	0.248%
88	21.833	3201	3204	3208	rVB	966723	1139925	6.77%	0.585%
89	21.886	3210	3213	3217	rVV4	851860	1163824	6.91%	0.597%
90	22.027	3234	3237	3240	rBV3	405882	527079	3.13%	0.270%
91	22.586	3328	3332	3343	rVB3	562006	1590190	9.44%	0.816%
92	22.851	3370	3377	3382	rBV	6398198	14251547	84.64%	7.310%
93	23.016	3401	3405	3412	rVB	849607	1383319	8.22%	0.710%
94	23.151	3424	3428	3435	rBV2	363273	794508	4.72%	0.408%
95	23.321	3451	3457	3462	rBV	3187056	5768448	34.26%	2.959%
96	23.416	3468	3473	3480	rVB	3395861	6365873	37.81%	3.265%
97	23.515	3483	3490	3494	rVV	3084547	5970392	35.46%	3.062%
98	23.563	3495	3498	3506	rVB2	1136552	2206819	13.11%	1.132%
99	25.745	3862	3869	3881	rVB	1873911	5379209	31.95%	2.759%
100	26.427	3978	3985	4000	rVB	1177484	3568225	21.19%	1.830%

Sum of corrected areas: 194970587

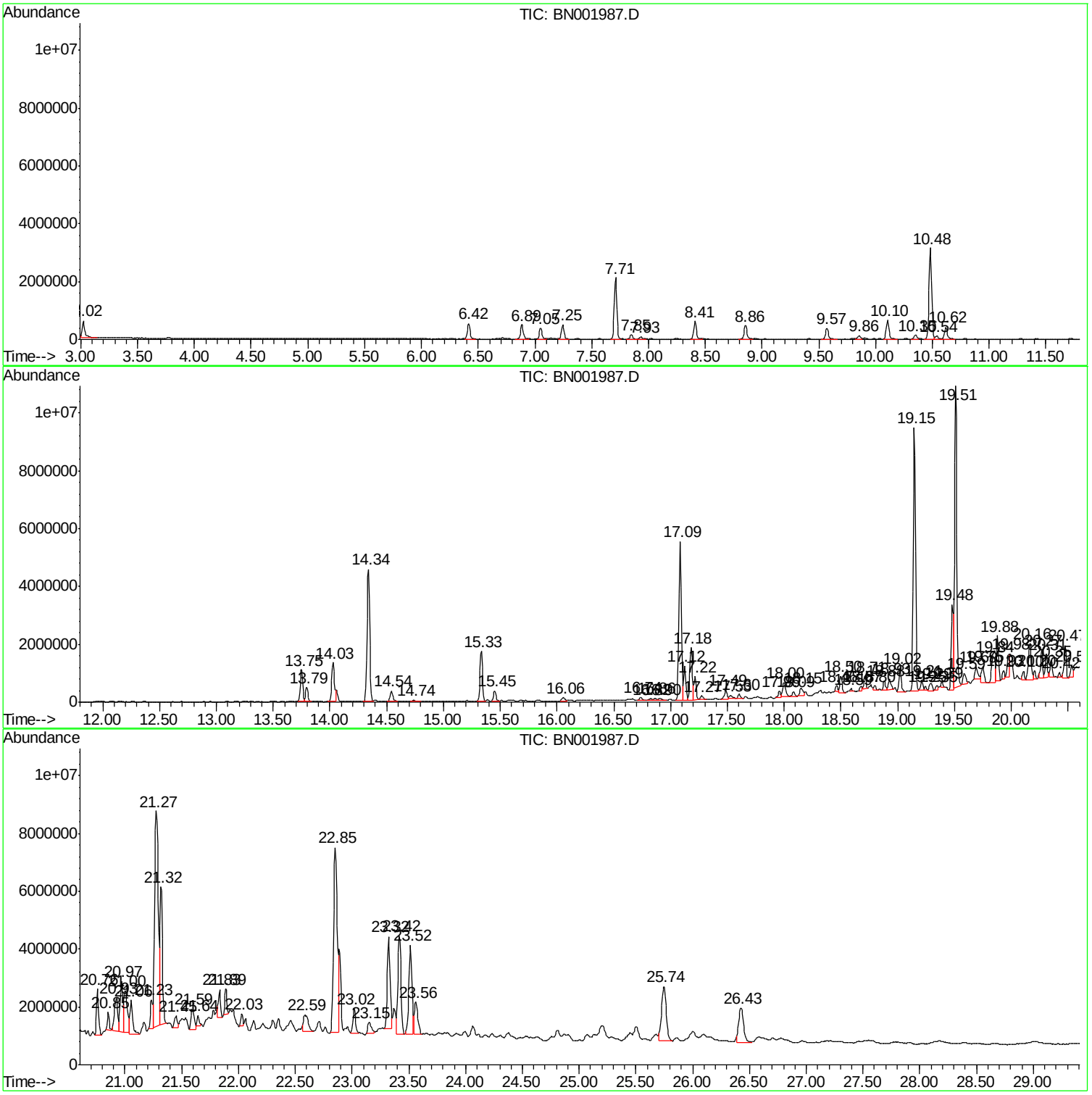
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN070618\
Data File : BN001987.D
Acq On : 06 Jul 2018 13:28
Operator : JU/SJ
Sample : J3765-01 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : F1H02

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061918.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN070618\
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Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : F1H02

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061918.M
Quant Title : SVOA CALIBRATION

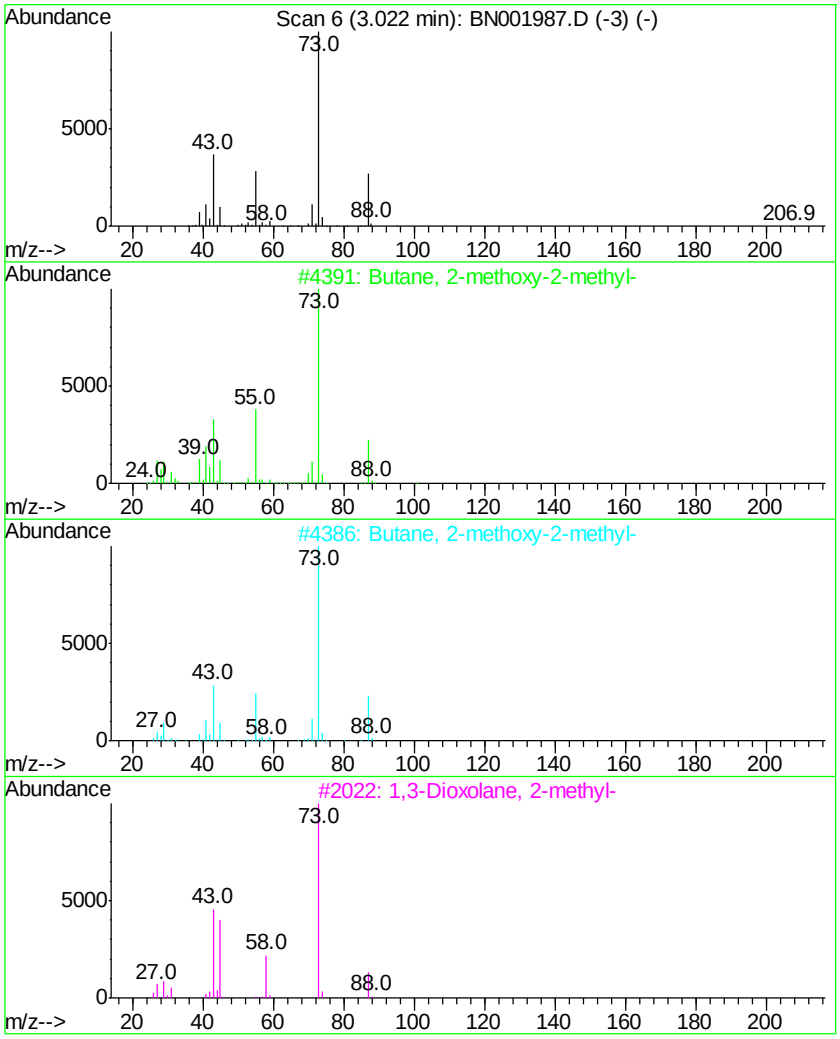
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

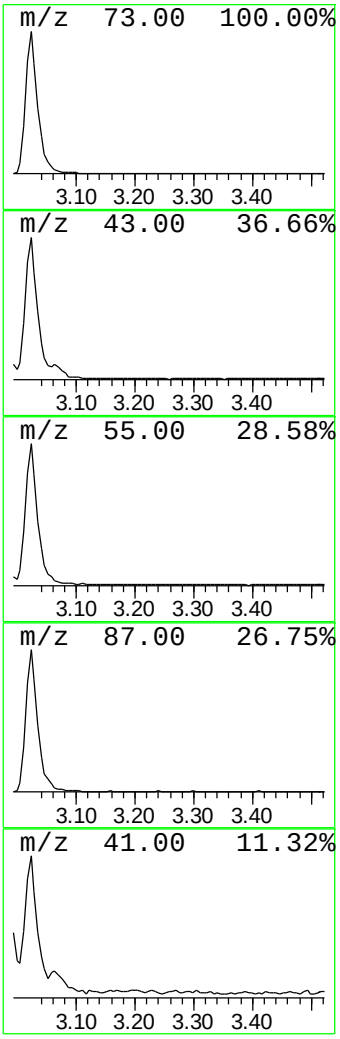
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.02	5.36 ng/ul	904196	1,4-Dichlorobenzene-d4	7.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	72
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	32
4	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	22
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	17





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN070618\
Data File : BN001987.D
Acq On : 06 Jul 2018 13:28
Operator : JU/SJ
Sample : J3765-01 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : F1H02

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061918.M
Quant Title : SVOA CALIBRATION

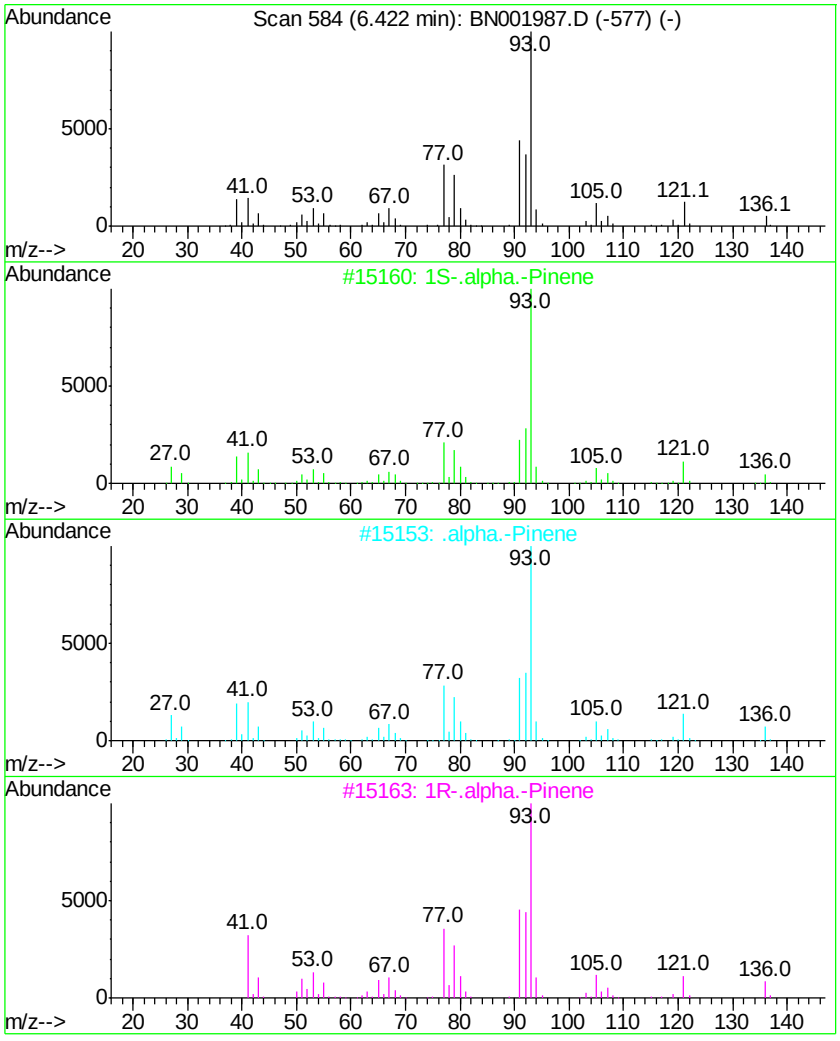
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

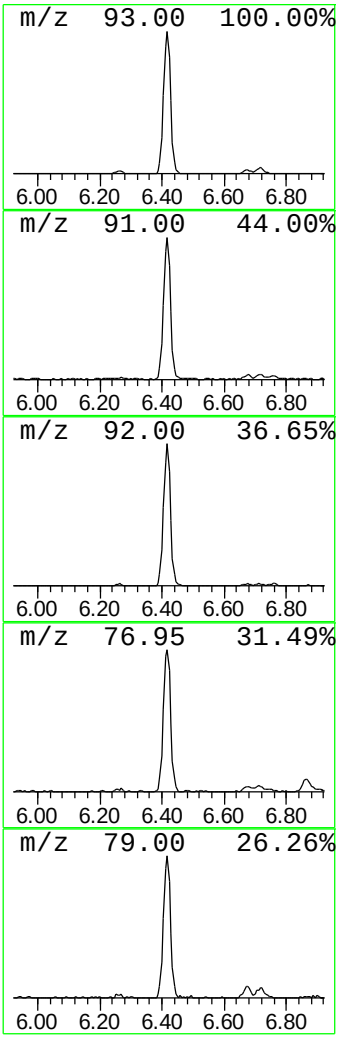
****

Peak Number 2 1S-.alpha.-Pinene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.42	4.89 ng/ul	825046	1,4-Dichlorobenzene-d4	7.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1S-.alpha.-Pinene	136	C10H16	007785-26-4	94
2	.alpha.-Pinene	136	C10H16	000080-56-8	94
3	1R-.alpha.-Pinene	136	C10H16	007785-70-8	94
4	Bicyclo[4.1.0]hept-3-ene, 3,7,7-...	136	C10H16	000498-15-7	91
5	Tricyclo[2.2.1.0(2,6)]heptane, 1...	136	C10H16	000508-32-7	91





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Instrument : BNA_N
ClientSampleId : F1H02

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061918.M
Quant Title : SVOA CALIBRATION

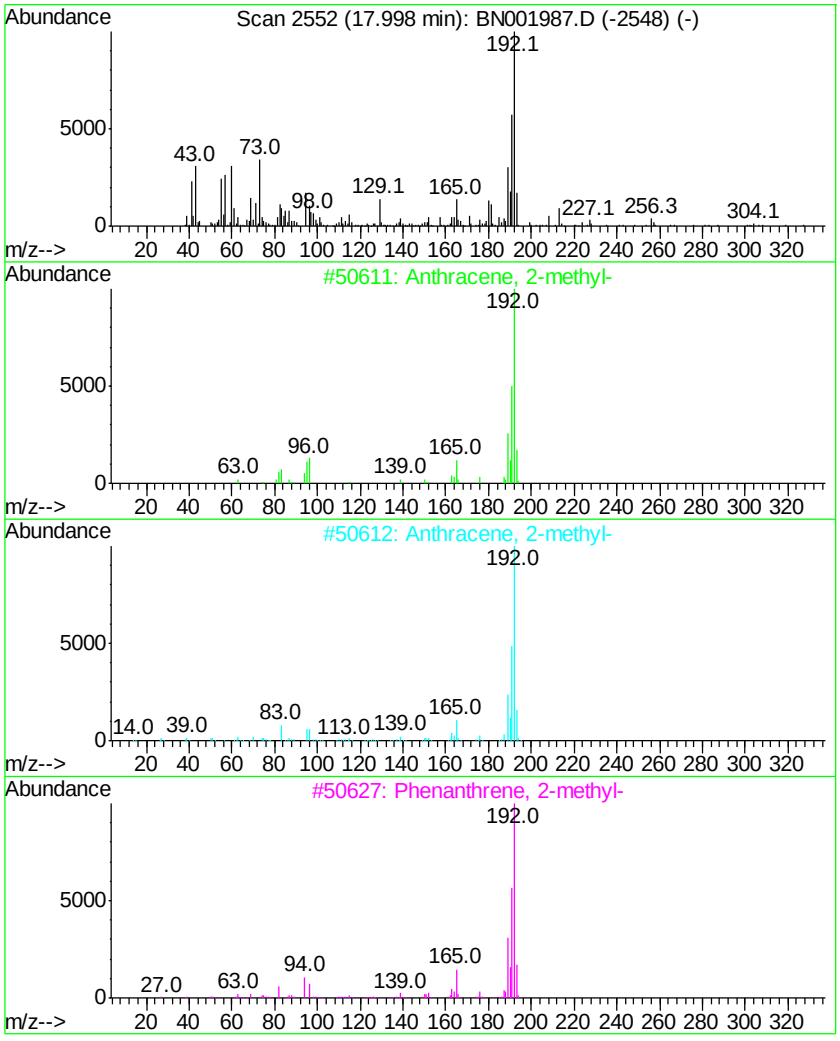
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

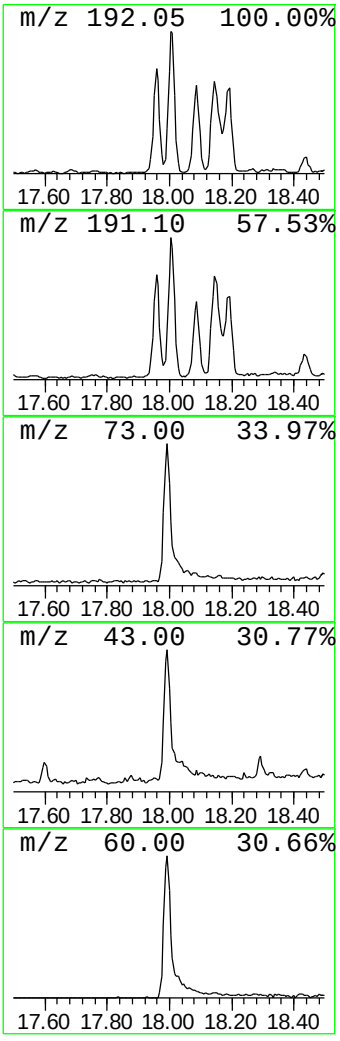
****

Peak Number 3 Anthracene, 2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.00	2.16 ng/ul	905886	Phenanthrene-d10	17.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	92
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	89
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	86





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN070618\
Data File : BN001987.D
Acq On : 06 Jul 2018 13:28
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Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : F1H02

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061918.M
Quant Title : SVOA CALIBRATION

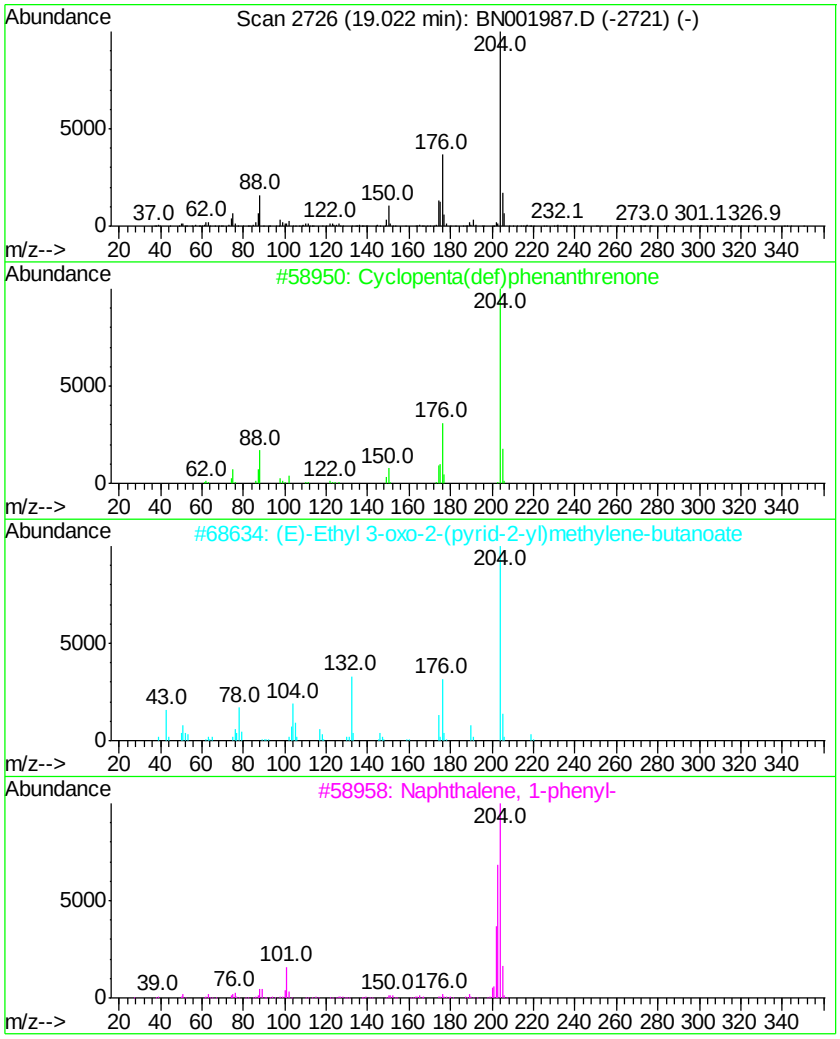
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

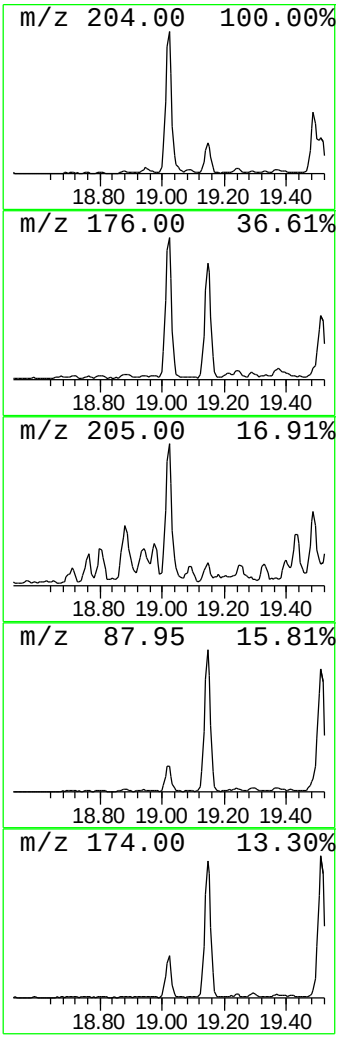
****

Peak Number 4 Cyclopenta(def)phenanthrenone Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.02	2.77 ng/ul	1164240	Phenanthrene-d10	17.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	96
2	(E)-Ethyl 3-oxo-2-(pyrid-2-yl)me...	219	C12H13NO3	1000147-59-7	50
3	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	47
4	2-Methyl-5-nitroindole-3-carboxa...	204	C10H8N2O3	003558-17-6	43
5	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	42





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Operator : JU/SJ
Sample : J3765-01 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : F1H02

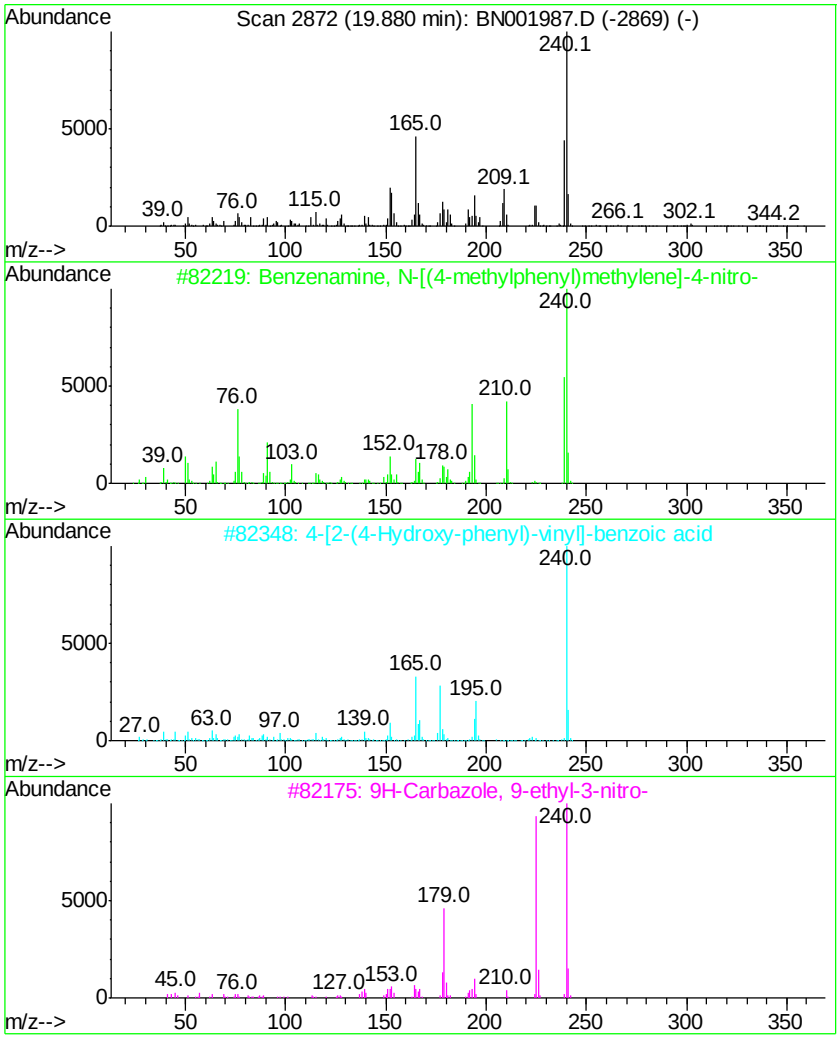
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061918.M
Quant Title : SVOA CALIBRATION

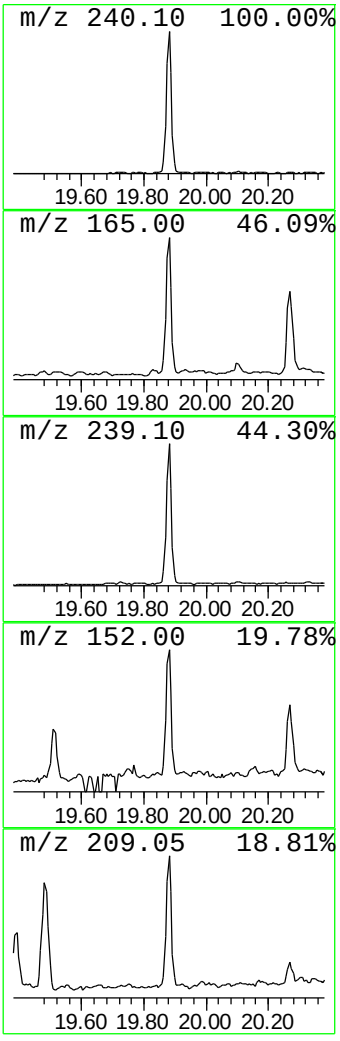
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Benzenamine, N-[(4-methylph... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.88	2.17 ng/ul	1828750	Chrysene-d12	21.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenamine, N-[(4-methylphenyl)...	240	C14H12N2O2	020192-50-1	53
2	4-[2-(4-Hydroxy-phenyl)-vinyl]-b...	240	C15H12O3	152027-61-7	52
3	9H-Carbazole, 9-ethyl-3-nitro-	240	C14H12N2O2	000086-20-4	45
4	[1,1'-Biphenyl]-4,4'-diamine, 3,...	240	C16H20N2	054827-17-7	43
5	Benzenamine, 4-[2-(4-nitrophenyl...	240	C14H12N2O2	004629-58-7	43





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN070618\
Data File : BN001987.D
Acq On : 06 Jul 2018 13:28
Operator : JU/SJ
Sample : J3765-01 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : F1H02

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061918.M
Quant Title : SVOA CALIBRATION

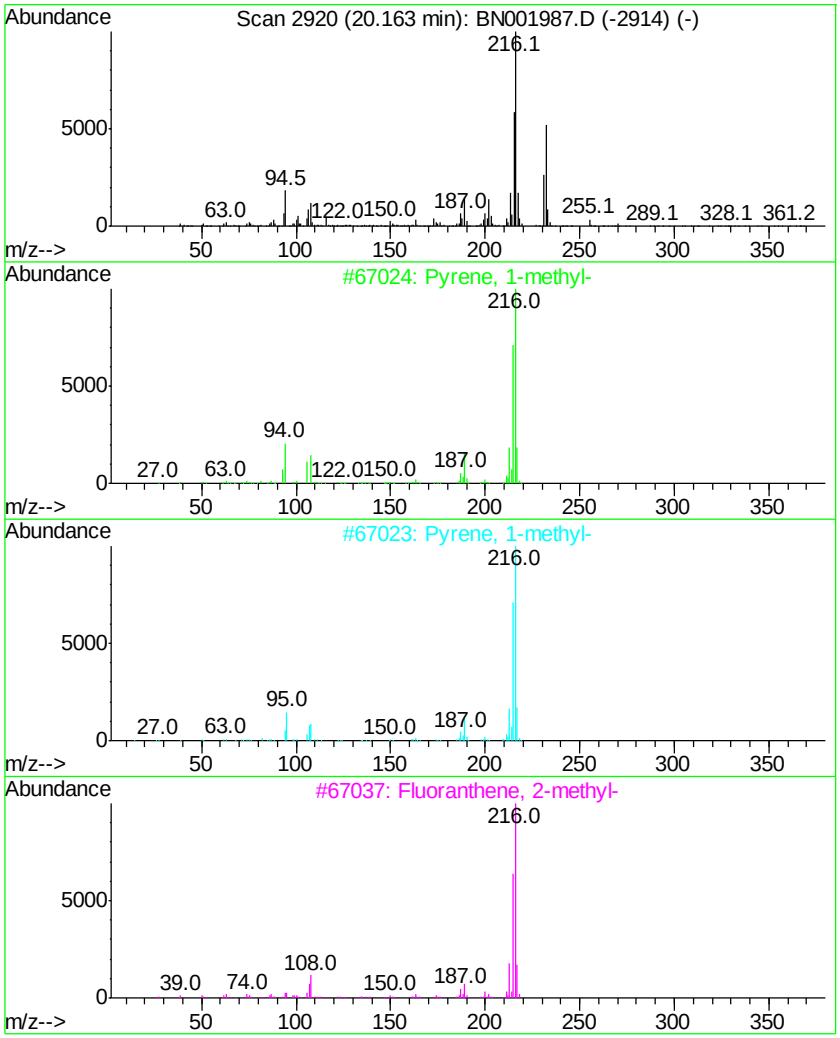
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

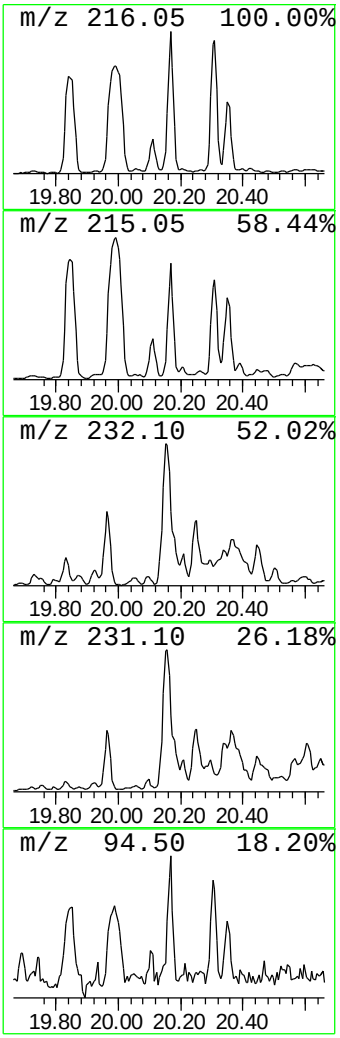
****

Peak Number 7 Pyrene, 1-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.16	2.76 ng/ul	2324330	Chrysene-d12	21.28

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	91
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	87





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Acq On : 06 Jul 2018 13:28
Operator : JU/SJ
Sample : J3765-01 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : F1H02

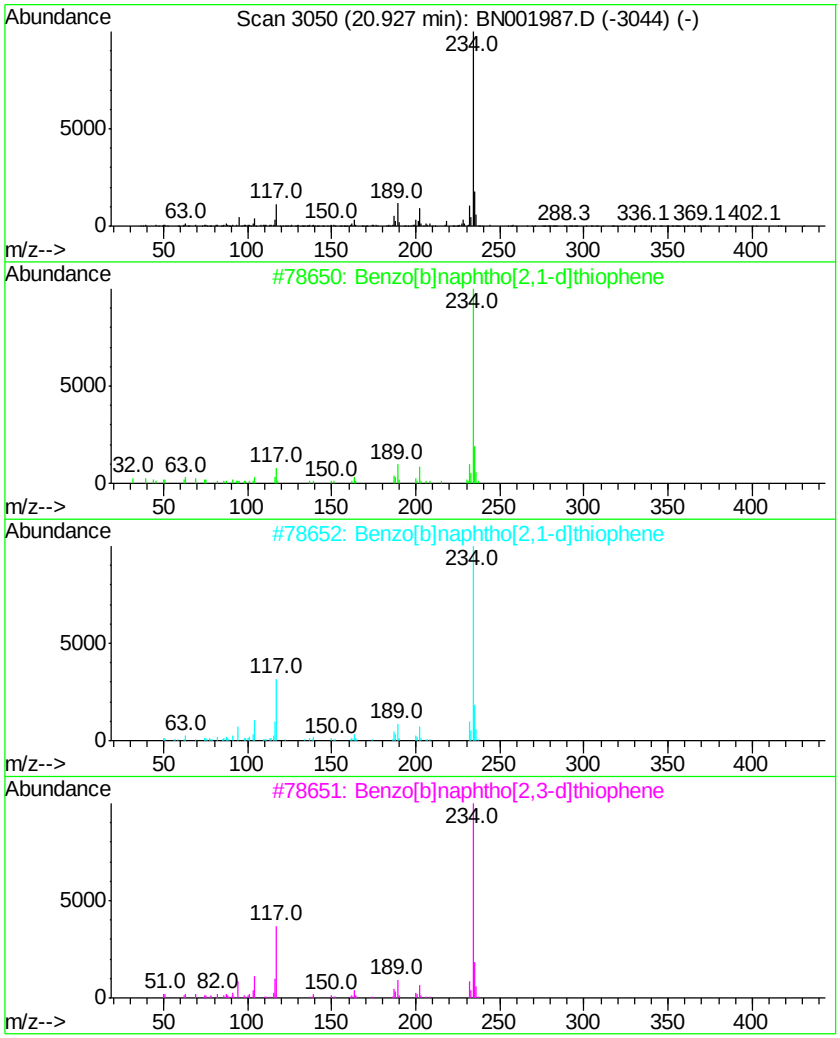
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061918.M
Quant Title : SVOA CALIBRATION

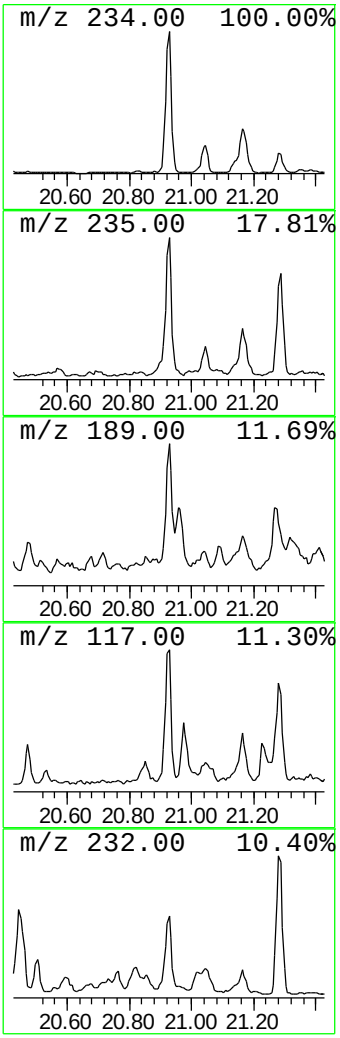
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.93	2.72 ng/ul	2286920	Chrysene-d12	21.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	97
2	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	97
3	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	95
4	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	95
5	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	94





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Data File : BN001987.D
Acq On : 06 Jul 2018 13:28
Operator : JU/SJ
Sample : J3765-01 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : F1H02

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061918.M
Quant Title : SVOA CALIBRATION

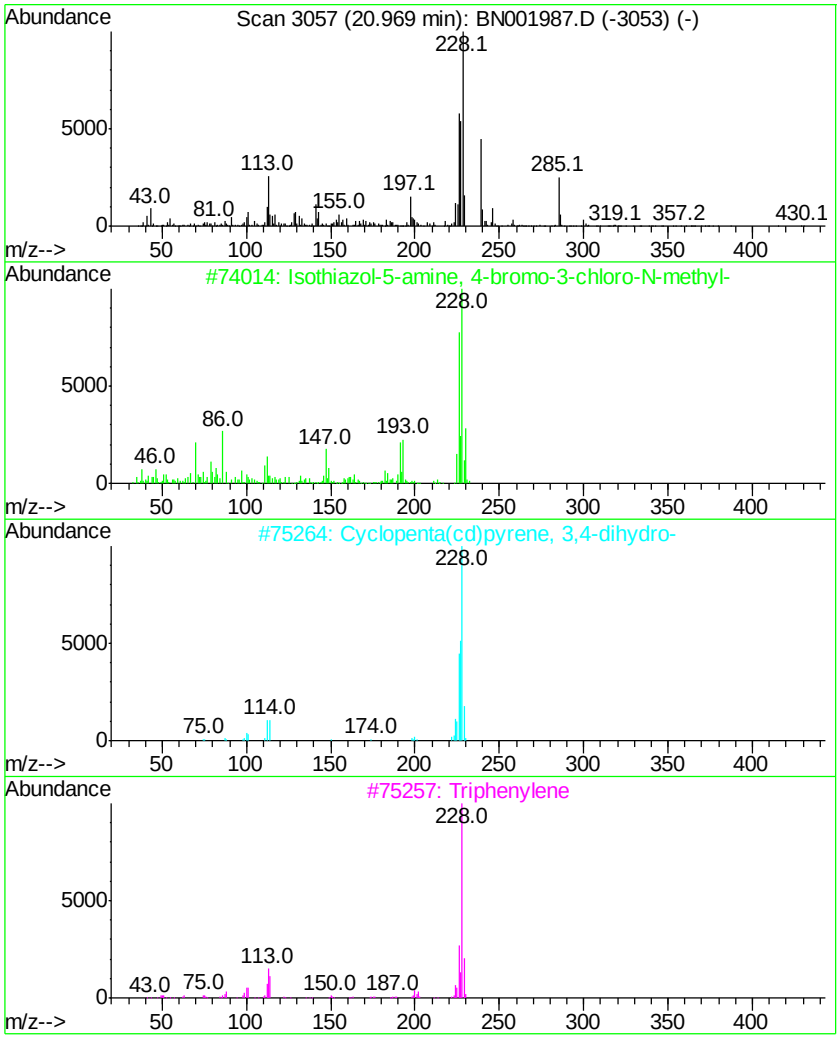
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

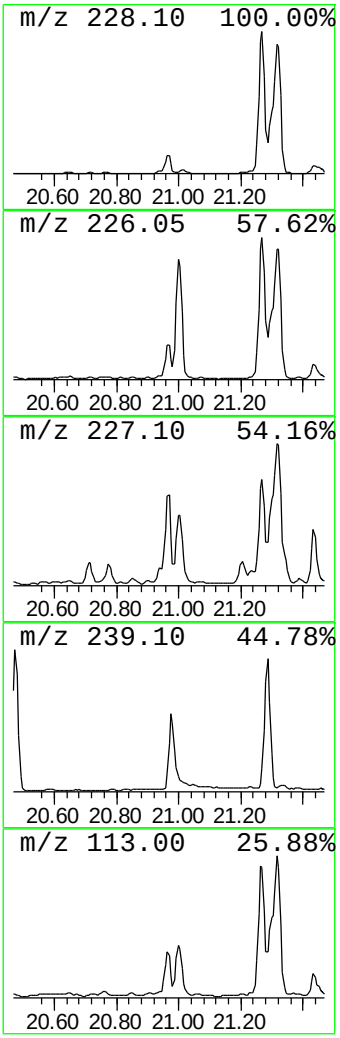
****

Peak Number 10 unknown-01 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.97	3.48 ng/ul	2928380	Chrysene-d12	21.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isothiazol-5-amine, 4-bromo-3-ch...	226	C4H4BrClN2S	1000272-59-9	43
2	Cyclopenta(cd)pyrene, 3,4-dihydro-	228	C18H12	025732-74-5	41
3	Triphenylene	228	C18H12	000217-59-4	30
4	Triphenylene	228	C18H12	000217-59-4	30
5	Benz[a]anthracene	228	C18H12	000056-55-3	25





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN070618\
Data File : BN001987.D
Acq On : 06 Jul 2018 13:28
Operator : JU/SJ
Sample : J3765-01 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : F1H02

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061918.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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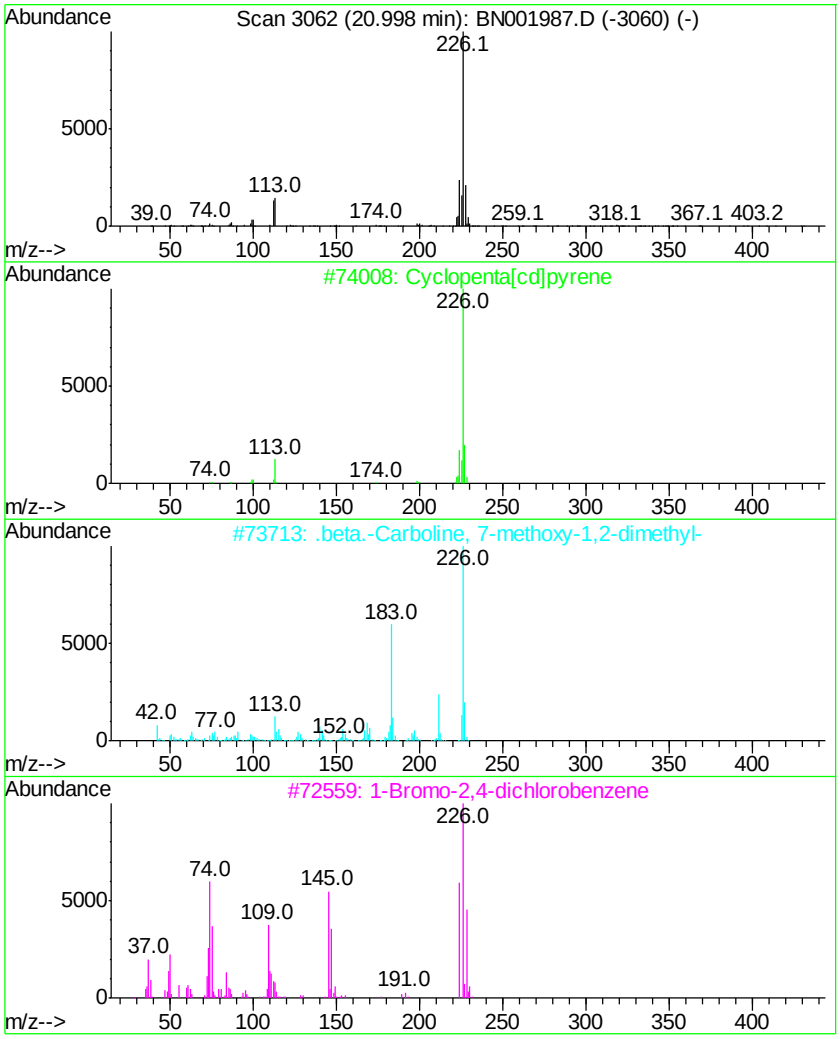
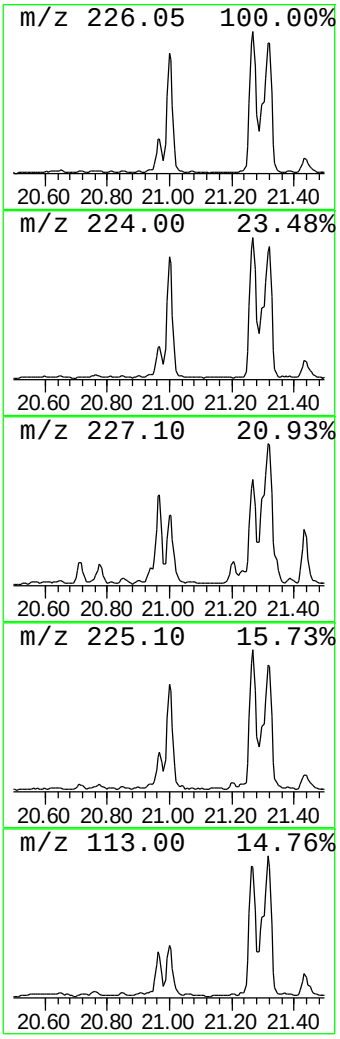
Peak Number 11 Cyclopenta[cd]pyrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.00	3.42 ng/ul	2880630	Chrysene-d12	21.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	70
2	.beta.-Carboline, 7-methoxy-1,2-...	226	C14H14N2O	006519-18-2	53
3	1-Bromo-2,4-dichlorobenzene	224	C6H3BrCl2	001193-72-2	47
4	9H-Xanthen-9-one, 1-methoxy-	226	C14H10O3	006563-60-6	40
5	Phenol, 2-[5-(2-furanyl)-3-1H-py...	226	C13H10N2O2	038371-84-5	33





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Data File : BN001987.D
Acq On : 06 Jul 2018 13:28
Operator : JU/SJ
Sample : J3765-01 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : F1H02

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061918.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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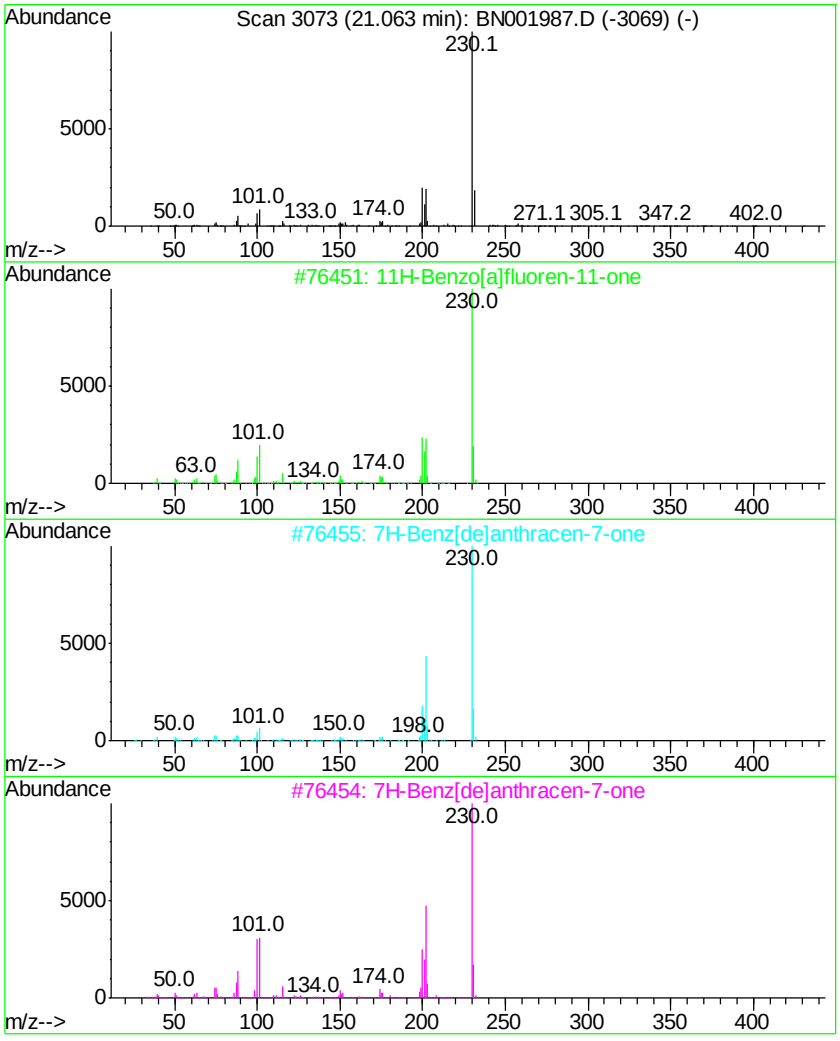
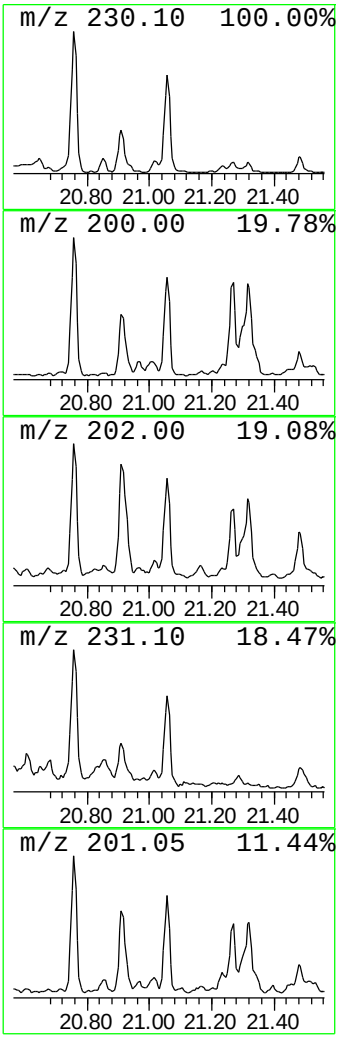
Peak Number 12 11H-Benzo[a]fluoren-11-one Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.06	2.18 ng/ul	1834830	Chrysene-d12	21.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	97
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	91
3	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	87
4	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	81
5	Pyrene, 1,3-dimethyl-	230	C18H14	064401-21-4	59





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN070618\
Data File : BN001987.D
Acq On : 06 Jul 2018 13:28
Operator : JU/SJ
Sample : J3765-01 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : F1H02

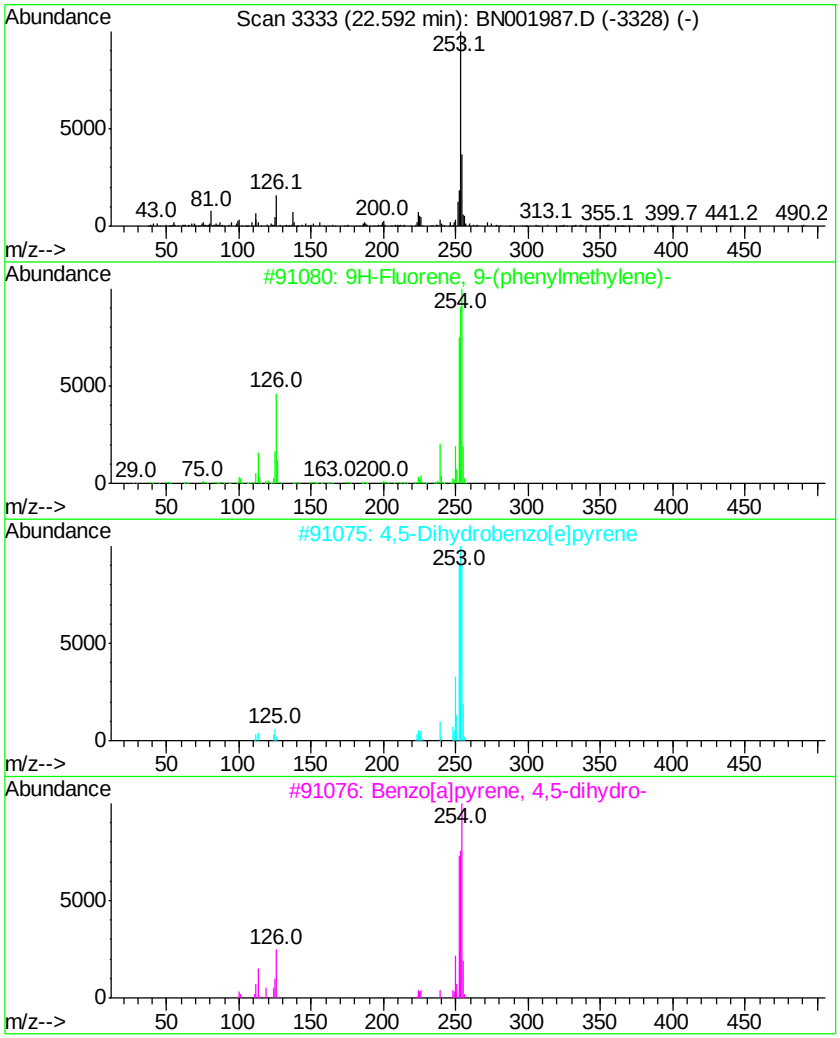
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061918.M
Quant Title : SVOA CALIBRATION

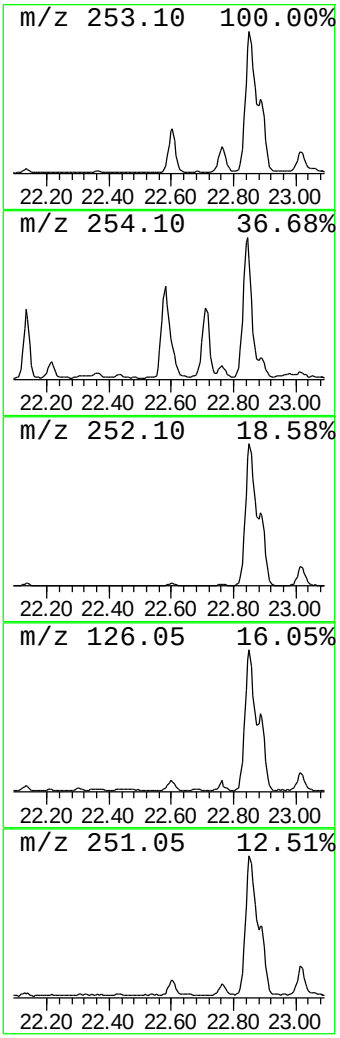
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 9H-Fluorene, 9-(phenylmethy... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.59	5.33 ng/ul	1590190	Perylene-d12	23.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 9-(phenylmethylene)-	254	C20H14	001836-87-9	72
2	4,5-Dihydrobenzo[e]pyrene	254	C20H14	095676-42-9	72
3	Benzo[a]pyrene, 4,5-dihydro-	254	C20H14	057652-66-1	72
4	1,2'-Binaphthalene	254	C20H14	004325-74-0	72
5	9,10[1',2']-Benzenoanthracene, 9...	254	C20H14	000477-75-8	68





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN070618\
Data File : BN001987.D
Acq On : 06 Jul 2018 13:28
Operator : JU/SJ
Sample : J3765-01 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : F1H02

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061918.M
Quant Title : SVOA CALIBRATION

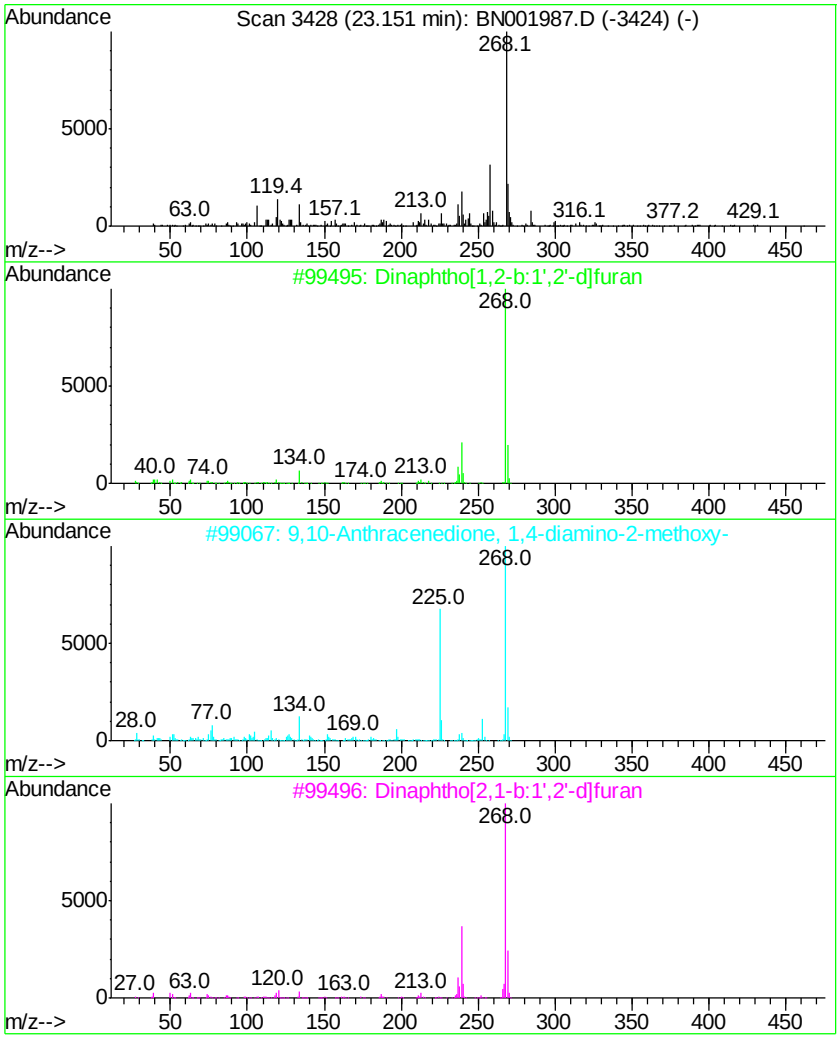
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

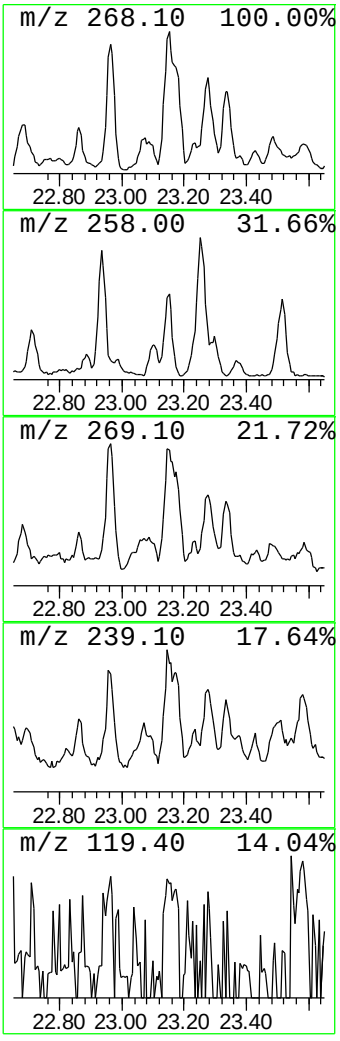
****

Peak Number 15 Dinaphtho[1,2-b:1',2'-d]furan Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.15	2.66 ng/ul	794508	Perylene-d12	23.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dinaphtho[1,2-b:1',2'-d]furan	268	C20H12O	000207-93-2	81
2	9,10-Anthracenedione, 1,4-diamin...	268	C15H12N2O3	002872-48-2	58
3	Dinaphtho[2,1-b:1',2'-d]furan	268	C20H12O	000194-63-8	53
4	Benzo(a)pyrene 4,5-oxide	268	C20H12O	037574-47-3	53
5	(5H,10H)Anthracene, 2,3,7,8-bis(...	268	C16H12O4	1000116-12-4	52





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Acq On : 06 Jul 2018 13:28
Operator : JU/SJ
Sample : J3765-01 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : F1H02

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061918.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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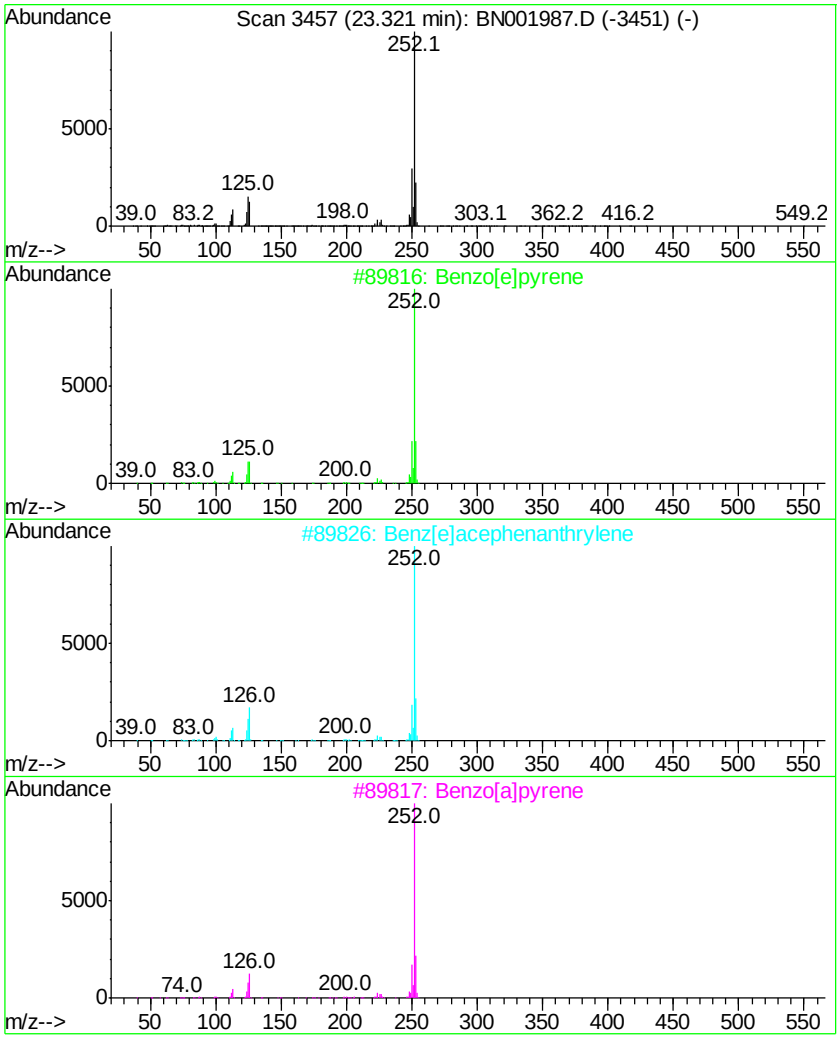
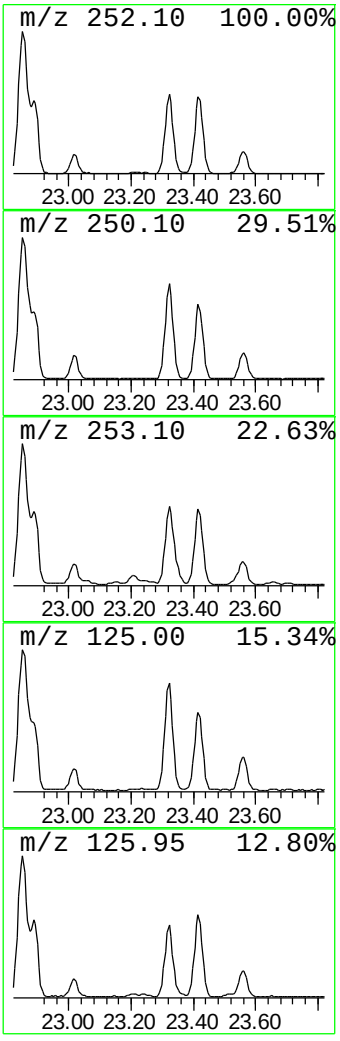
Peak Number 16 Benzo[e]pyrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.32	19.32 ng/ul	5768450	Perylene-d12	23.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	98
3	Benzo[a]pyrene	252	C20H12	000050-32-8	96
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	94
5	Perylene	252	C20H12	000198-55-0	94





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN070618\
Data File : BN001987.D
Acq On : 06 Jul 2018 13:28
Operator : JU/SJ
Sample : J3765-01 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : F1H02

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061918.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-methoxy...	3.02	5.4	ng/ul	904196	1	7.71	3372200	20.0
1S-.alpha.-Pinene	6.42	4.9	ng/ul	825046	1	7.71	3372200	20.0
Anthracene, 2-met...	18.00	2.2	ng/ul	905886	4	17.09	8391590	20.0
Cyclopenta(def)ph...	19.02	2.8	ng/ul	1164240	4	17.09	8391590	20.0
Benzenamine, N-[(...	19.88	2.2	ng/ul	1828750	5	21.28	16838200	20.0
Pyrene, 1-methyl-	20.16	2.8	ng/ul	2324330	5	21.28	16838200	20.0
Benzo[b]naphtho[2...	20.93	2.7	ng/ul	2286920	5	21.28	16838200	20.0
unknown-01	20.97	3.5	ng/ul	2928380	5	21.28	16838200	20.0
Cyclopenta[cd]pyrene	21.00	3.4	ng/ul	2880630	5	21.28	16838200	20.0
11H-Benzo[a]fluor...	21.06	2.2	ng/ul	1834830	5	21.28	16838200	20.0
9H-Fluorene, 9-(p...	22.59	5.3	ng/ul	1590190	6	23.52	5970390	20.0
Dinaphtho[1,2-b:1...	23.15	2.7	ng/ul	794508	6	23.52	5970390	20.0
Benzo[e]pyrene	23.32	19.3	ng/ul	5768450	6	23.52	5970390	20.0