LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071118\
Data File : BN002025.D
Acq On : 12 Jul 2018 12:08
Operator : JU/SJ
Sample : J3775-02DL 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAZP1DL

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	3.017	3	5	26	rVB	1866993	2667045	14.09%	1.225%
2	3.264	44	47	54	rVB	56289	78364	0.41%	0.036%
3	3.770	128	133	141	rVB	82270	121412	0.64%	0.056%
4	4.875	316	321	328	rVB2	68166	110388	0.58%	0.051%
5	5.258	382	386	395	rVB	60461	95840	0.51%	0.044%
6	5.728	461	466	475	rBV2	49786	92525	0.49%	0.043%
7	6.722	626	635	640	rBV2	35399	84181	0.44%	0.039%
8	6.893	654	664	680	rVB	1363005	2359364	12.47%	1.084%
9	7.046	684	690	703	rBV	1018756	1610501	8.51%	0.740%
10	7.246	718	724	733	rVB	1342015	2153558	11.38%	0.989%
11	7.711	793	803	810	rBV	2123262	3418229	18.06%	1.571%
12	8.416	917	923	932	rBV	1607949	2628885	13.89%	1.208%
13	8.858	991	998	1006	rVV	1290359	2129347	11.25%	0.978%
14	9.575	1112	1120	1132	rBV	1052523	1808866	9.56%	0.831%
15	10.110	1204	1211	1221	rBV	1686550	2939627	15.53%	1.351%
16	10.487	1266	1275	1281	rBV	3221219	5495752	29.04%	2.525%
17	10.534	1281	1283	1288	rVB	55853	72301	0.38%	0.033%
18	10.622	1288	1298	1310	rBV	724280	1293941	6.84%	0.595%
19	12.010	1530	1534	1539	rVV	52958	87213	0.46%	0.040%
20	12.152	1552	1558	1563	rVB	51813	85328	0.45%	0.039%
21	13.175	1727	1732	1736	rBV3	54811	80859	0.43%	0.037%
22	13.522	1781	1791	1798	rBV5	45261	118781	0.63%	0.055%
23	13.663	1808	1815	1820	rBV2	74254	132233	0.70%	0.061%
24	13.751	1825	1830	1835	rVV	2883977	4074143	21.53%	1.872%
25	13.799	1835	1838	1843	rVB	757958	976337	5.16%	0.449%
26	14.034	1870	1878	1891	rBV	3508128	5424830	28.66%	2.493%
27	14.251	1910	1915	1920	rBV	127974	169947	0.90%	0.078%
28	14.346	1921	1931	1937	rBV2	4545395	7412886	39.17%	3.406%
29	14.404	1937	1941	1949	rVB	425236	636968	3.37%	0.293%
30	14.563	1960	1968	1977	rBV	1105489	1886663	9.97%	0.867%
31	14.704	1987	1992	1994	rBV3	68759	102866	0.54%	0.047%
32	14.746	1994	1999	2007	rVB2	184521	349241	1.85%	0.160%
33	14.822	2007	2012	2016	rVB2	58689	92431	0.49%	0.042%
34	14.969	2029	2037	2040	rBV3	55275	134278	0.71%	0.062%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071118\
Data File : BN002025.D
Acq On : 12 Jul 2018 12:08
Operator : JU/SJ
Sample : J3775-02DL 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAZP1DL

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	15.151	2059	2068	2074	rBV3	75701	225519	1.19%	0.104%
36	15.210	2074	2078	2082	rVB	240052	291468	1.54%	0.134%
37	15.340	2093	2100	2105	rBV	4440063	6424980	33.95%	2.952%
38	15.393	2105	2109	2115	rVB	249713	347875	1.84%	0.160%
39	15.469	2117	2122	2127	rBV	784569	1096261	5.79%	0.504%
40	15.557	2133	2137	2142	rBV3	87560	172654	0.91%	0.079%
41	15.610	2142	2146	2150	rVB2	75513	112877	0.60%	0.052%
42	15.687	2155	2159	2168	rVB	165466	299738	1.58%	0.138%
43	15.834	2179	2184	2192	rVB	170945	346957	1.83%	0.159%
44	16.069	2220	2224	2227	rBV	411382	590249	3.12%	0.271%
45	16.404	2278	2281	2284	rBV4	54820	80006	0.42%	0.037%
46	16.445	2285	2288	2294	rVB5	105667	143925	0.76%	0.066%
47	16.628	2316	2319	2322	rBV2	81138	110639	0.58%	0.051%
48	16.669	2323	2326	2329	rVB2	104299	125216	0.66%	0.058%
49	16.745	2334	2339	2346	rVB	586466	834951	4.41%	0.384%
50	16.822	2349	2352	2355	rVV	110214	165709	0.88%	0.076%
51	16.863	2355	2359	2363	rVV2	344438	520580	2.75%	0.239%
52	16.910	2363	2367	2381	rVB2	462389	766928	4.05%	0.352%
53	17.092	2392	2398	2401	rBV	5649792	8243049	43.55%	3.787%
54	17.134	2401	2405	2410	rVV	7974715	11238468	59.38%	5.164%
55	17.192	2410	2415	2418	rVV	4626233	6934386	36.64%	3.186%
56	17.222	2418	2420	2426	rVV	1687069	2037996	10.77%	0.936%
57	17.281	2426	2430	2436	rVV3	164417	284867	1.51%	0.131%
58	17.463	2458	2461	2462	rBV2	153688	153773	0.81%	0.071%
59	17.492	2463	2466	2471	rVB	611782	842908	4.45%	0.387%
60	17.604	2481	2485	2492	rVB3	366799	543546	2.87%	0.250%
61	17.675	2493	2497	2506	rVB3	234123	426109	2.25%	0.196%
62	17.969	2542	2547	2550	rBV	804965	1225076	6.47%	0.563%
63	18.016	2550	2555	2560	rVB	1358642	2240843	11.84%	1.030%
64	18.092	2565	2568	2573	rVV	339696	511848	2.70%	0.235%
65	18.157	2574	2579	2583	rVV2	1177813	2118367	11.19%	0.973%
66	18.198	2583	2586	2592	rVB	572912	794418	4.20%	0.365%
67	18.292	2600	2602	2605	rBV	186198	218273	1.15%	0.100%
68	18.469	2628	2632	2635	rBV	760347	979804	5.18%	0.450%
69	18.510	2635	2639	2644	rVB	966724	1301241	6.88%	0.598%
70	18.716	2672	2674	2678	rVB2	308822	351094	1.86%	0.161%
71	18.769	2680	2683	2686	rVB2	253186	303319	1.60%	0.139%

LSC Area Percent Report

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Acq On : 12 Jul 2018 12:08
Operator : JU/SJ
Sample : J3775-02DL 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAZP1DL

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	18.892	2700	2704	2708	rBV2	621143	1058376	5.59%	0.486%
73	18.934	2708	2711	2717	rVV4	464635	832968	4.40%	0.383%
74	18.986	2718	2720	2723	rVV2	331033	405828	2.14%	0.186%
75	19.034	2723	2728	2734	rVB	990455	1709313	9.03%	0.785%
76	19.157	2744	2749	2755	rVB	13602181	18925955	100.00%	8.696%
77	19.222	2758	2760	2763	rBV	226893	271885	1.44%	0.125%
78	19.304	2770	2774	2778	rVB4	560002	758034	4.01%	0.348%
79	19.439	2794	2797	2800	rVB	474201	508683	2.69%	0.234%
80	19.492	2801	2806	2808	rBV2	6696678	9679802	51.15%	4.448%
81	19.522	2808	2811	2820	rVB	10495339	14517499	76.71%	6.670%
82	19.598	2820	2824	2827	rBV2	466117	682196	3.60%	0.313%
83	19.633	2827	2830	2835	rVB	1470293	1868088	9.87%	0.858%
84	19.698	2838	2841	2846	rBV	628945	846125	4.47%	0.389%
85	19.751	2847	2850	2857	rVB2	856118	1417137	7.49%	0.651%
86	19.839	2861	2865	2867	rBV2	615973	979540	5.18%	0.450%
87	20.433	2962	2966	2972	rBV	2039046	3987790	21.07%	1.832%
88	20.586	2989	2992	2995	rBV	770869	1004424	5.31%	0.462%
89	20.769	3019	3023	3029	rVB	2023043	2535906	13.40%	1.165%
90	20.933	3046	3051	3055	rBV2	1121385	2205801	11.65%	1.013%
91	21.028	3063	3067	3071	rBV4	898597	1653562	8.74%	0.760%
92	21.069	3071	3074	3078	rVB	1556245	1984857	10.49%	0.912%
93	21.216	3097	3099	3102	rVB	778993	672106	3.55%	0.309%
94	21.286	3106	3111	3116	rVV3	7736252	16128882	85.22%	7.411%
95	21.333	3116	3119	3127	rVB	5026516	6521757	34.46%	2.997%
96	22.869	3375	3380	3385	rBV2	3429812	7155105	37.81%	3.288%
97	23.345	3458	3461	3465	rBV	1429407	2122518	11.21%	0.975%
98	23.398	3466	3470	3473	rVV	1979962	3361354	17.76%	1.544%
99	23.439	3474	3477	3484	rVB	2719988	4900442	25.89%	2.252%
100	23.539	3489	3494	3499	rBV	2625763	4616069	24.39%	2.121%

Sum of corrected areas: 217643049

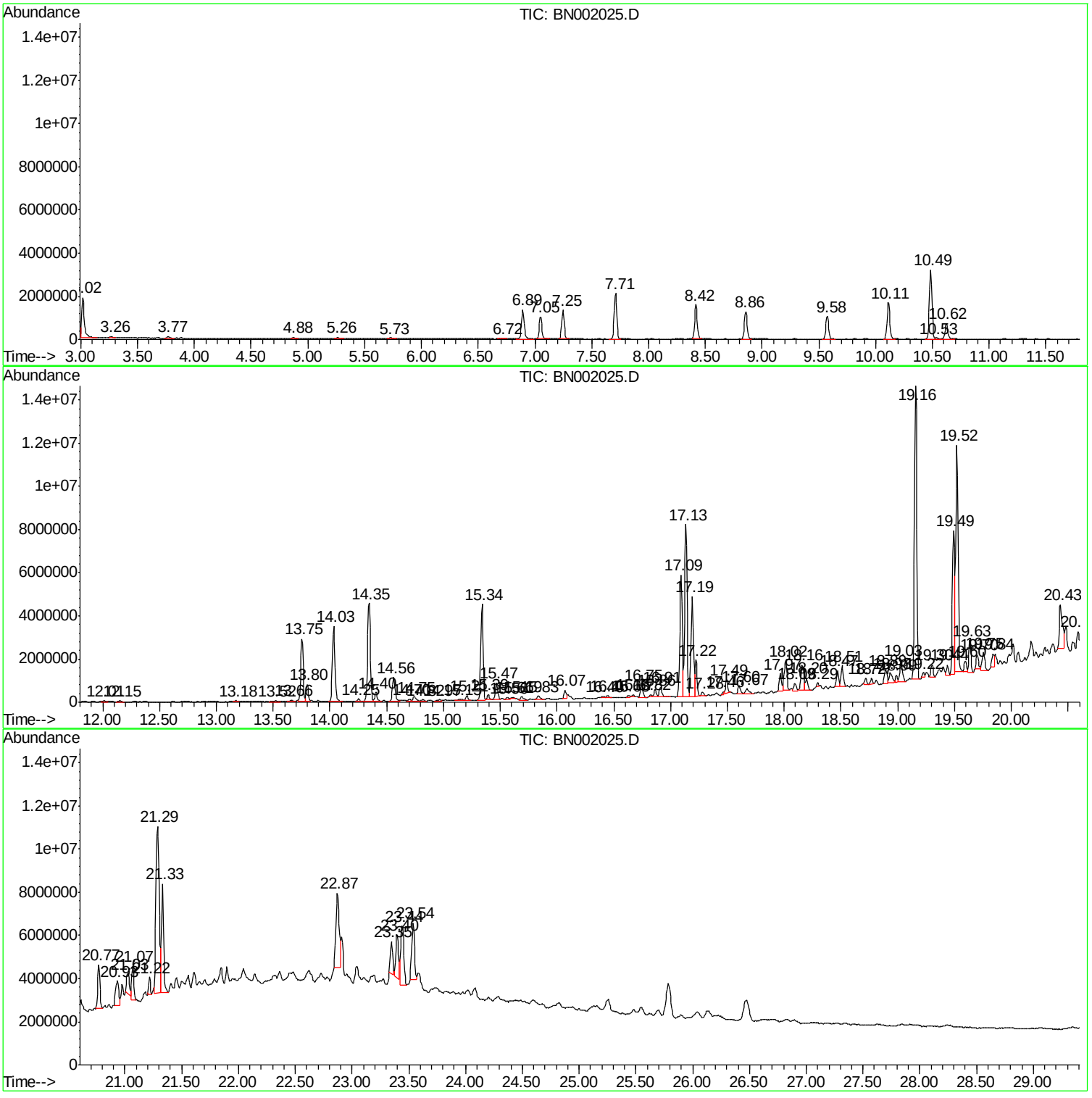
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071118\
Data File : BN002025.D
Acq On : 12 Jul 2018 12:08
Operator : JU/SJ
Sample : J3775-02DL 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAZP1DL

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071118\
Data File : BN002025.D
Acq On : 12 Jul 2018 12:08
Operator : JU/SJ
Sample : J3775-02DL 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAZP1DL

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

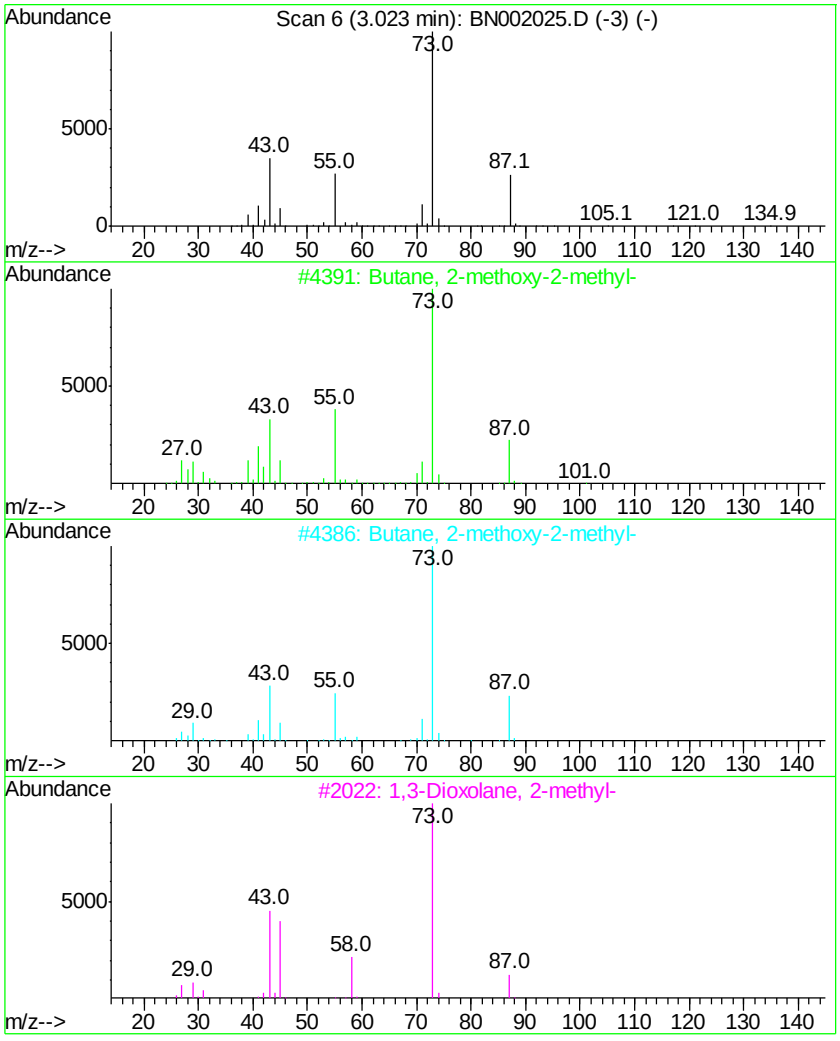
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

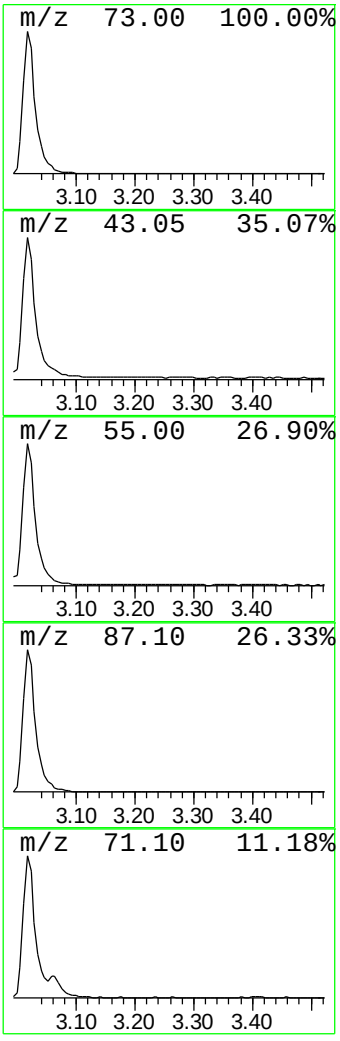
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.02	15.60 ng/ul	2667050	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	83
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
4	3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	25
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071118\
Data File : BN002025.D
Acq On : 12 Jul 2018 12:08
Operator : JU/SJ
Sample : J3775-02DL 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAZP1DL

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

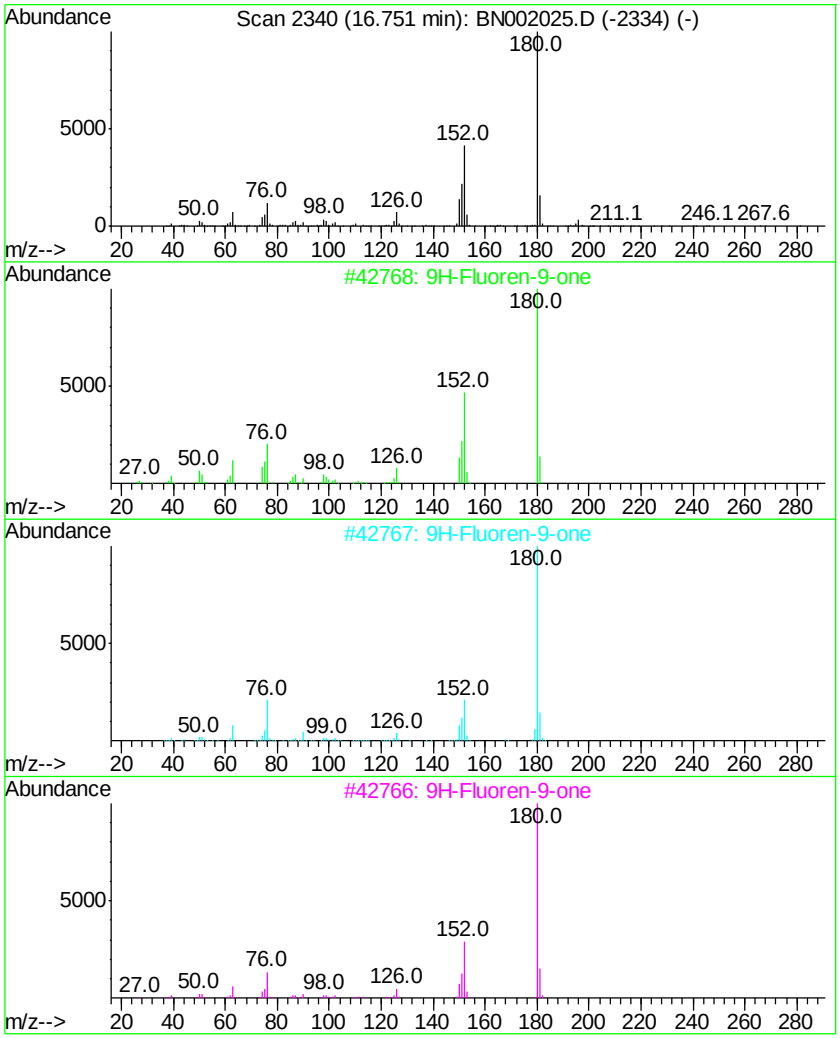
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

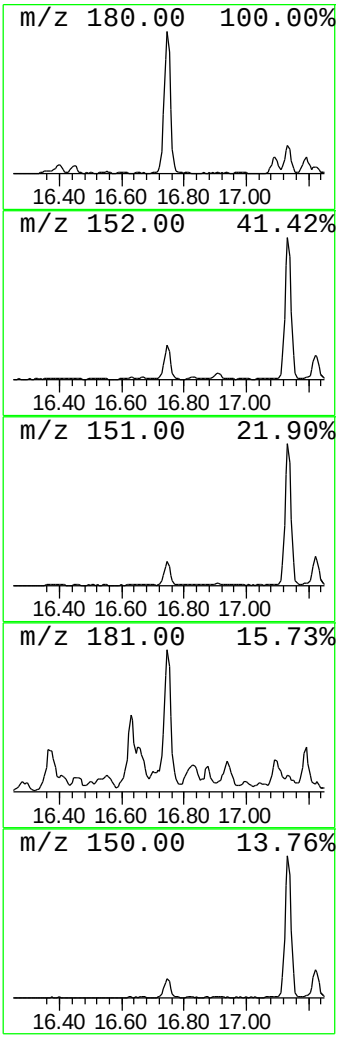
****

Peak Number 2 9H-Fluoren-9-one Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.75	2.03 ng/ul	834951	Phenanthrene-d10	17.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-one	180	C13H8O	000486-25-9	96
2	9H-Fluoren-9-one	180	C13H8O	000486-25-9	94
3	9H-Fluoren-9-one	180	C13H8O	000486-25-9	94
4	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	87
5	9,10-Phenanthrenedione	208	C14H8O2	000084-11-7	86





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071118\
Data File : BN002025.D
Acq On : 12 Jul 2018 12:08
Operator : JU/SJ
Sample : J3775-02DL 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAZP1DL

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

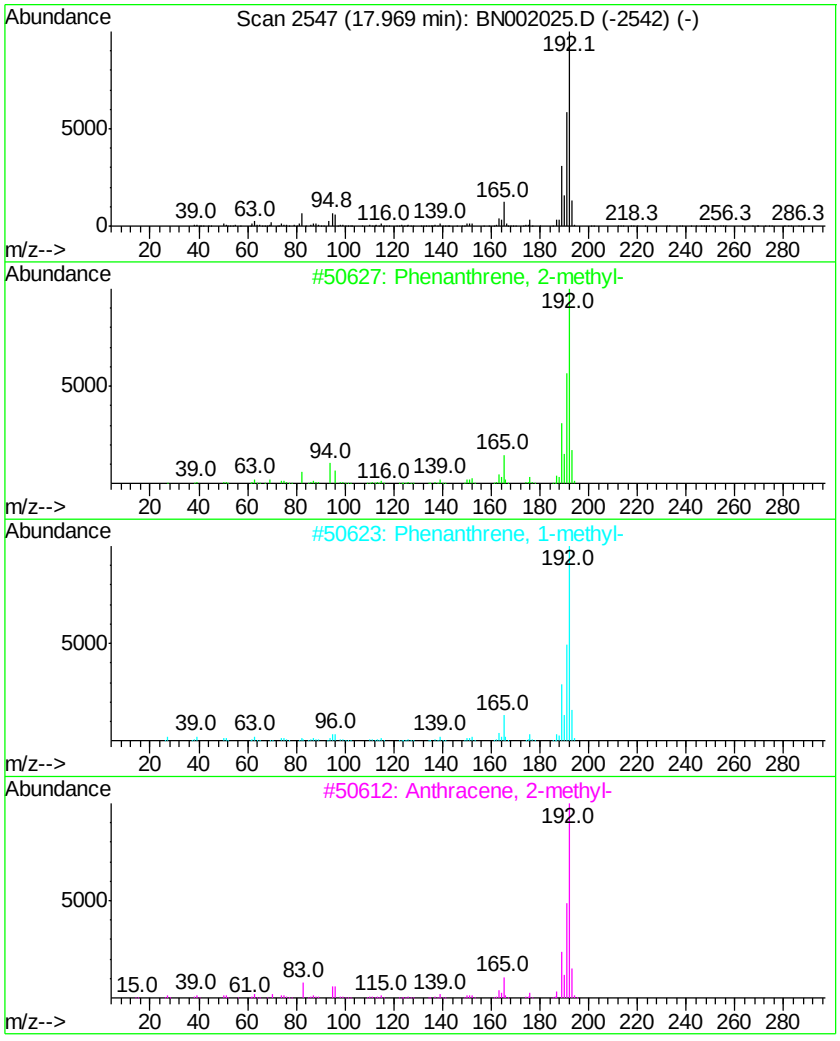
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

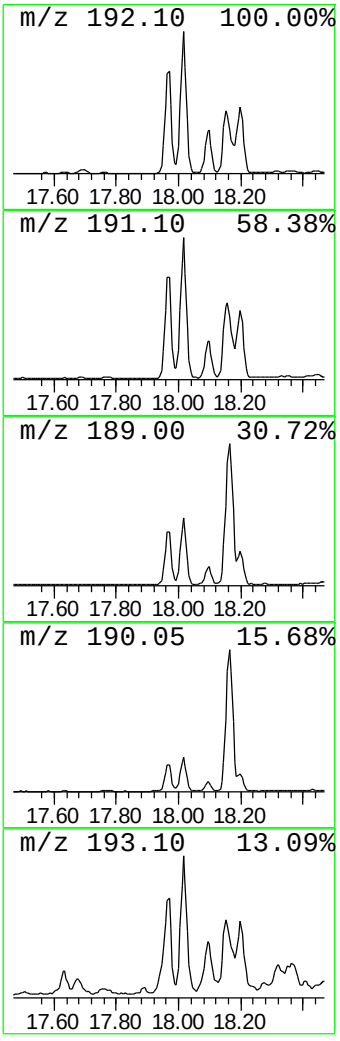
****

Peak Number 3 Phenanthrene, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.97	2.97 ng/ul	1225080	Phenanthrene-d10	17.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	90
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	89





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071118\
Data File : BN002025.D
Acq On : 12 Jul 2018 12:08
Operator : JU/SJ
Sample : J3775-02DL 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAZP1DL

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

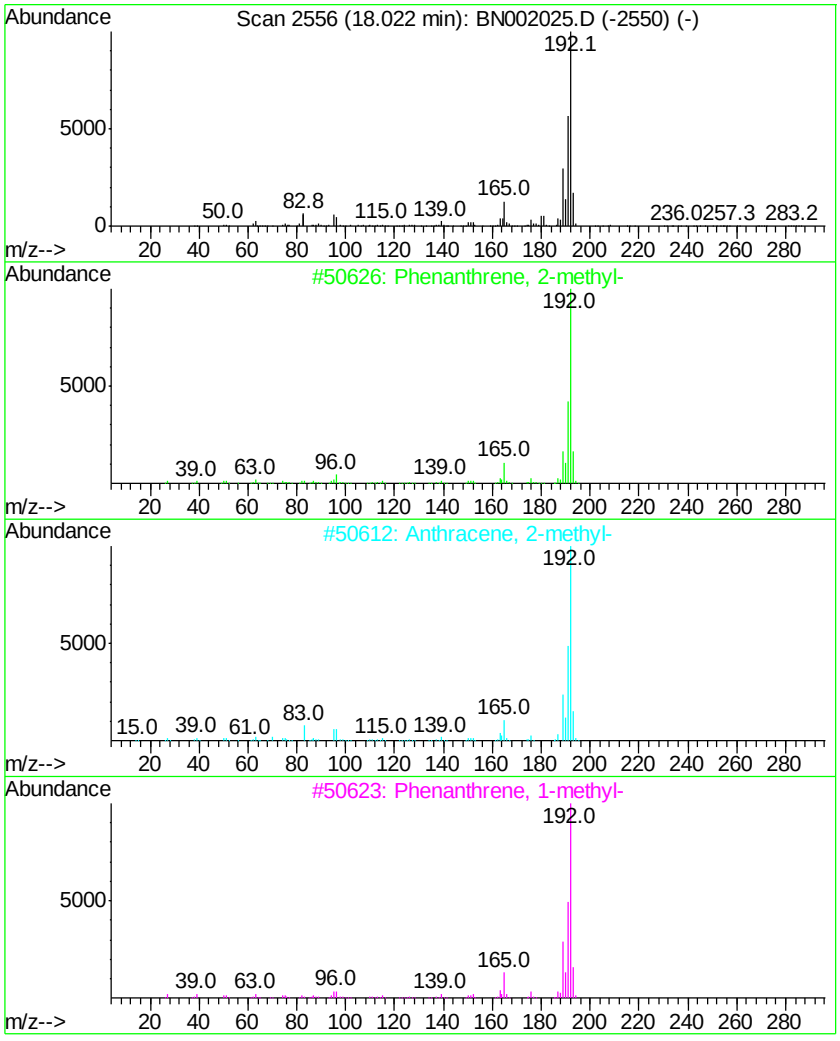
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

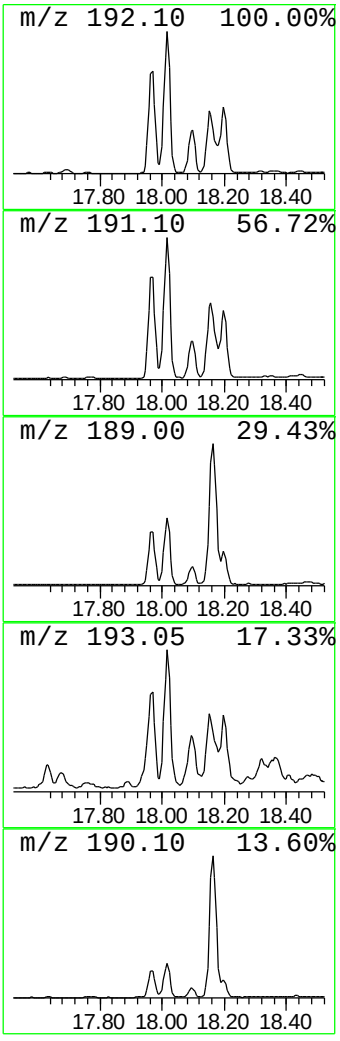
****

Peak Number 4 Anthracene, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.02	5.44 ng/ul	2240840	Phenanthrene-d10	17.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	97
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071118\
Data File : BN002025.D
Acq On : 12 Jul 2018 12:08
Operator : JU/SJ
Sample : J3775-02DL 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAZP1DL

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

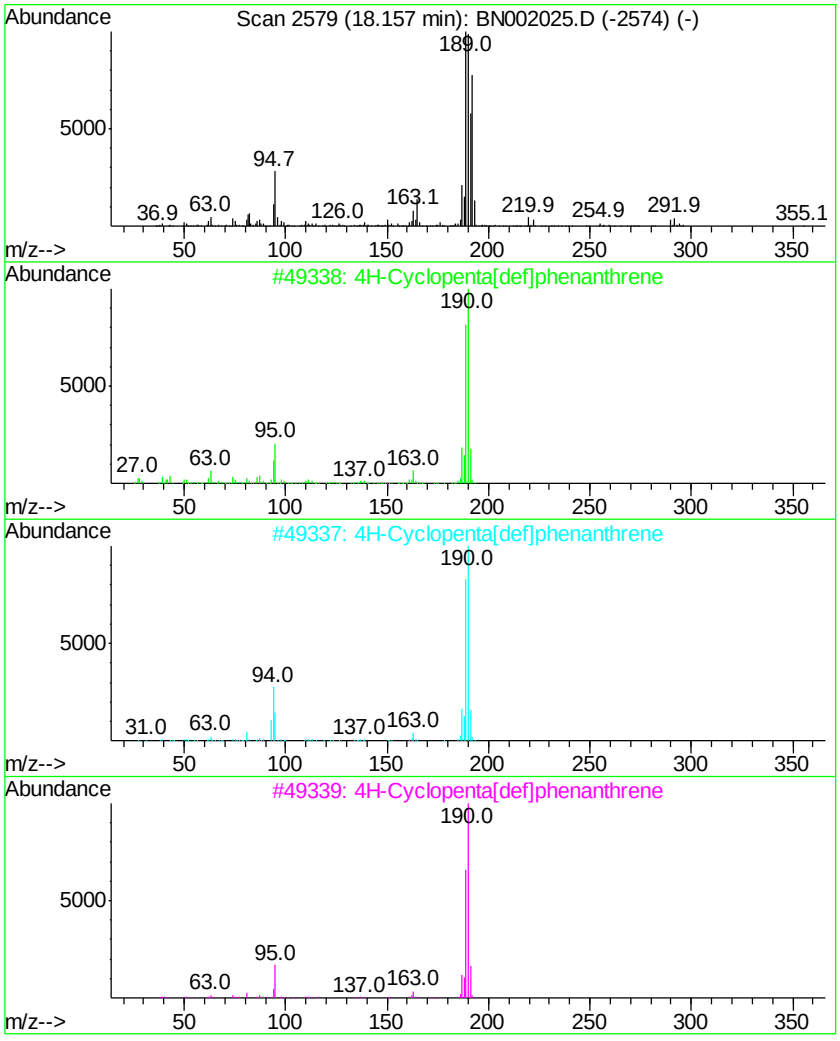
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

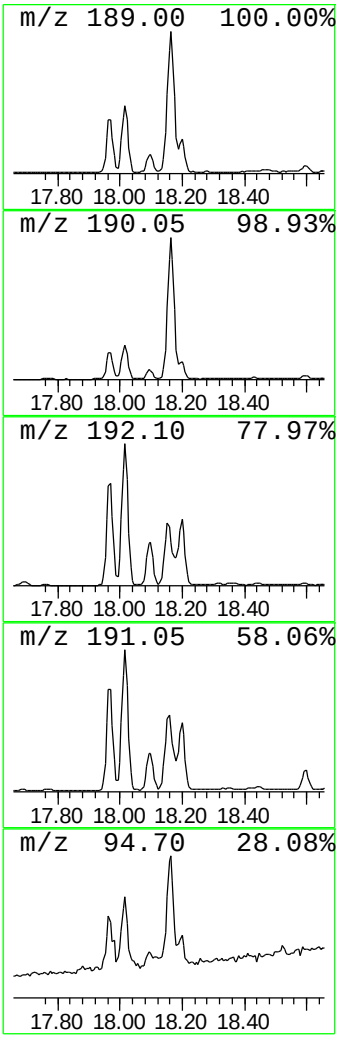
****

Peak Number 5 4H-Cyclopenta[def]phenanthrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.16	5.14 ng/ul	2118370	Phenanthrene-d10	17.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	55
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	53
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	49
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	42
5	Naphtho[1,2-b]norbornadiene	192	C15H12	1000210-14-8	41





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Acq On : 12 Jul 2018 12:08
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Sample : J3775-02DL 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAZP1DL

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Quant Title : SVOA CALIBRATION

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

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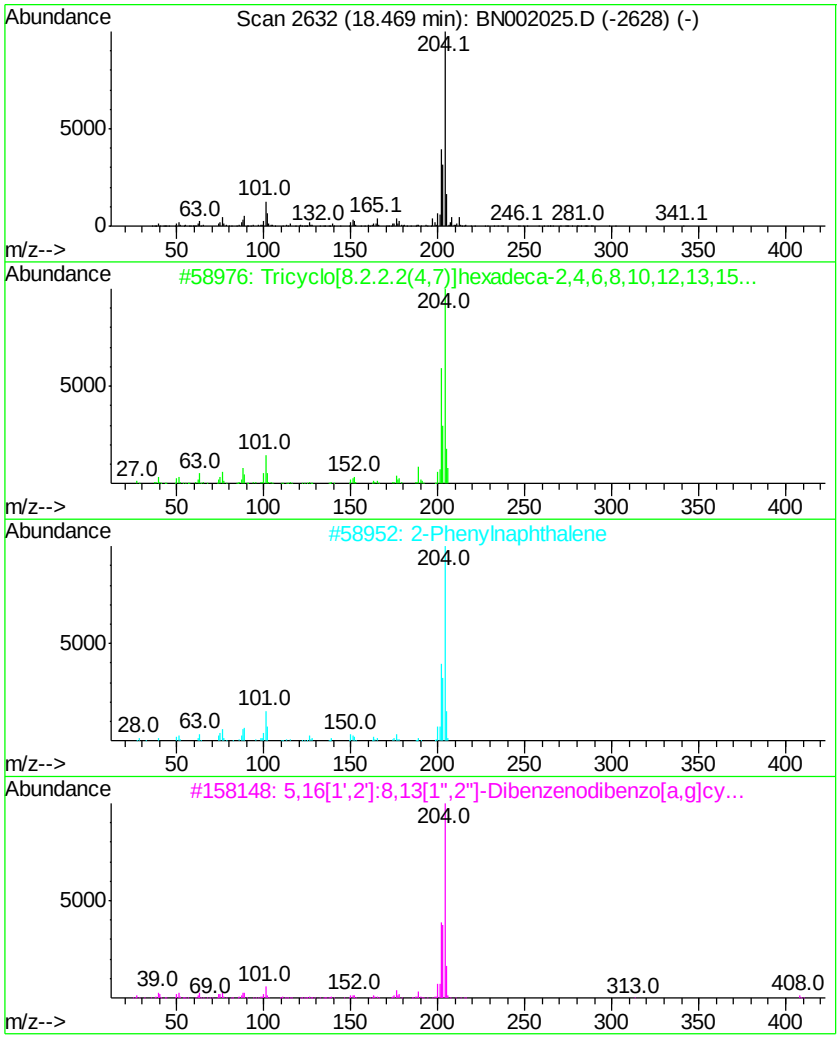
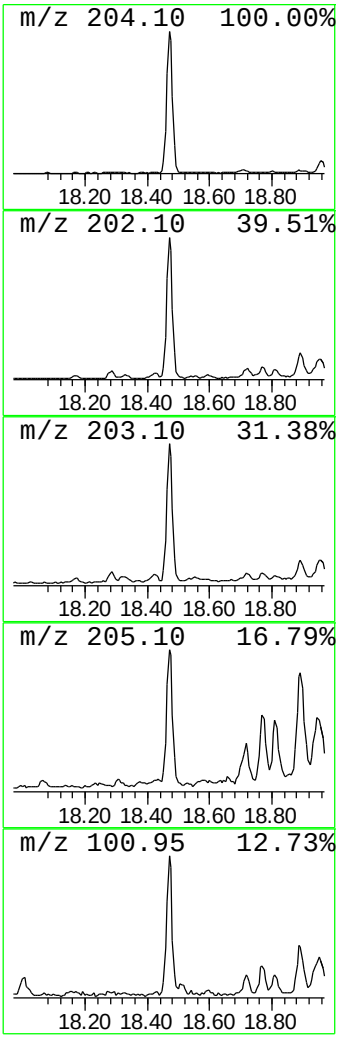
Peak Number 6 Tricyclo[8.2.2.2(4,7)]hexad... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.47	2.38 ng/ul	979804	Phenanthrene-d10	17.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	86
2	2-Phenylnaphthalene	204	C16H12	035465-71-5	83
3	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	72
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	70
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	64





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Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAZP1DL

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Quant Title : SVOA CALIBRATION

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

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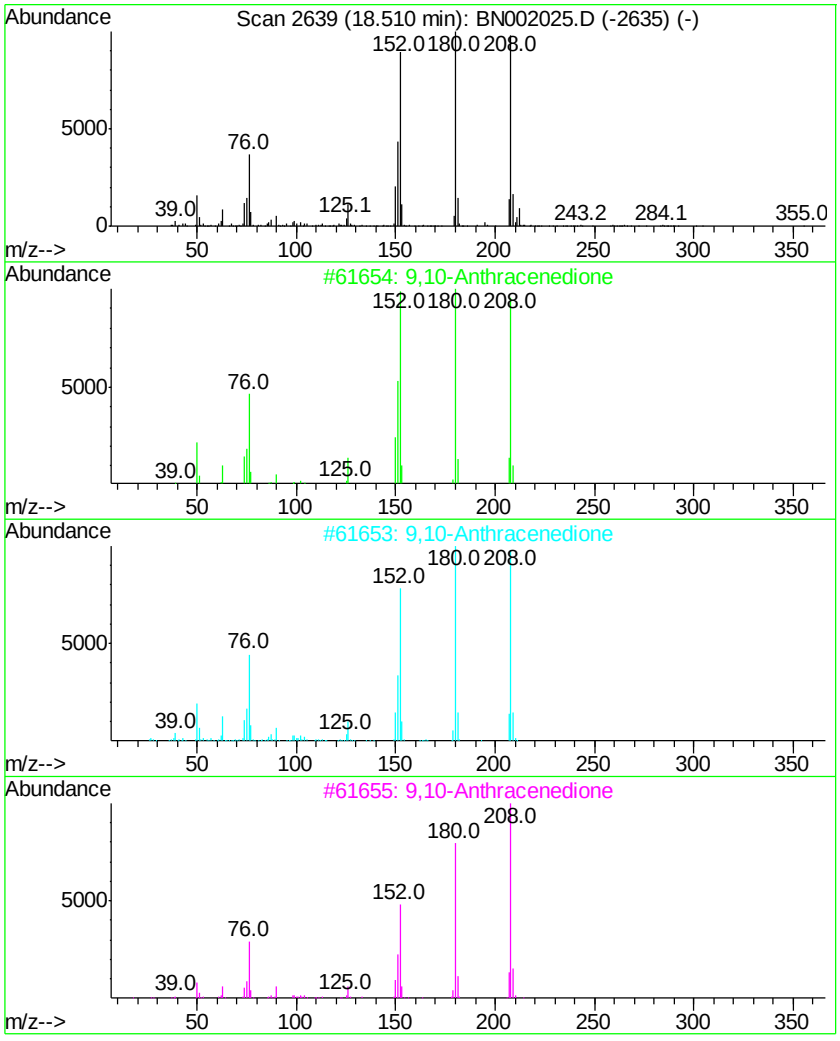
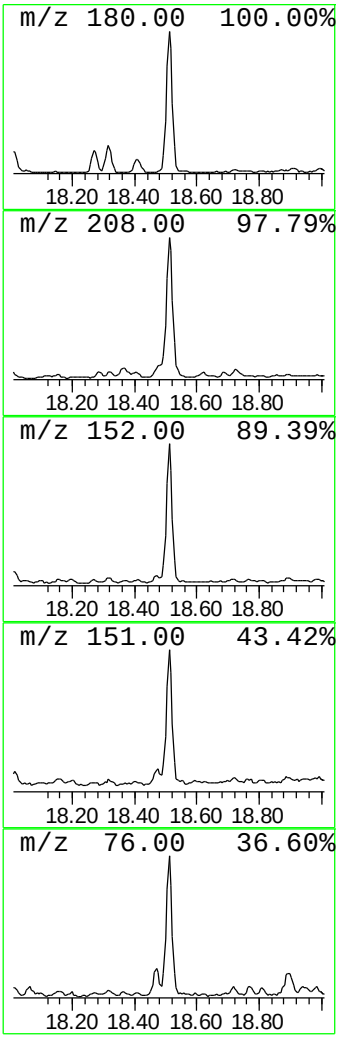
Peak Number 7 9,10-Anthracenedione Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.51	3.16 ng/ul	1301240	Phenanthrene-d10	17.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	99
2	9,10-Anthracenedione	208	C14H8O2	000084-65-1	97
3	9,10-Anthracenedione	208	C14H8O2	000084-65-1	96
4	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	83
5	1H-Phenalen-1-one	180	C13H8O	000548-39-0	60





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Sample : J3775-02DL 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAZP1DL

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Quant Title : SVOA CALIBRATION

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

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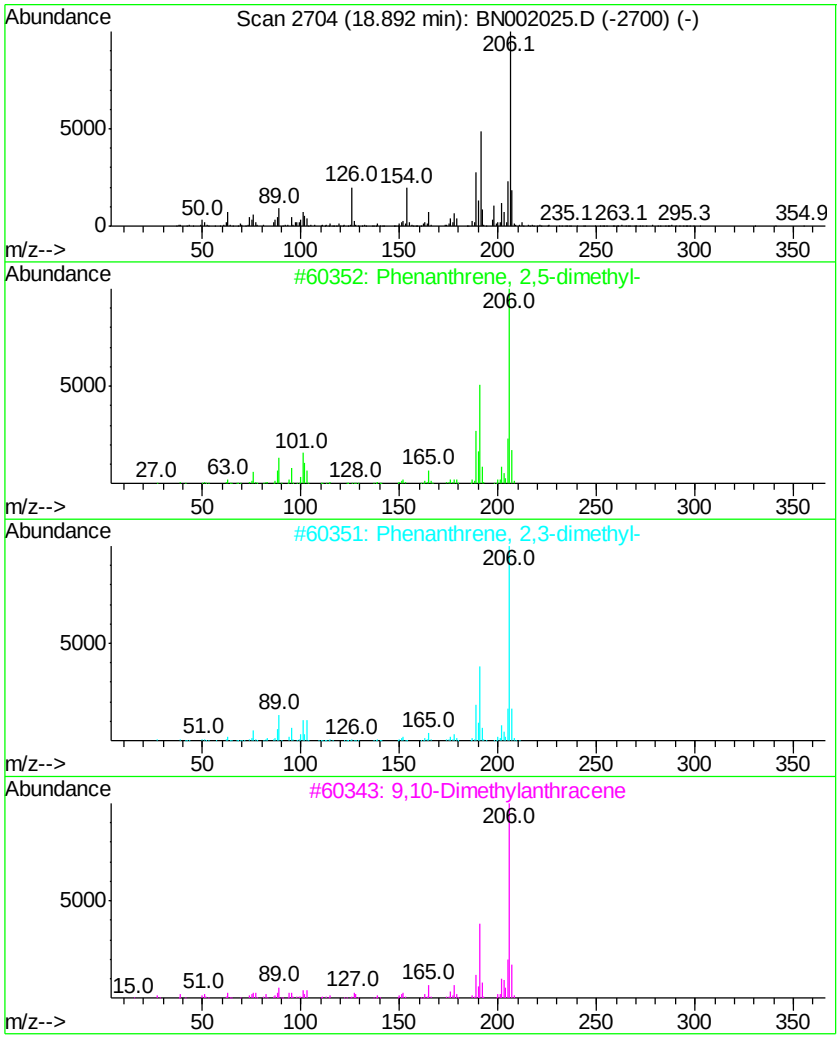
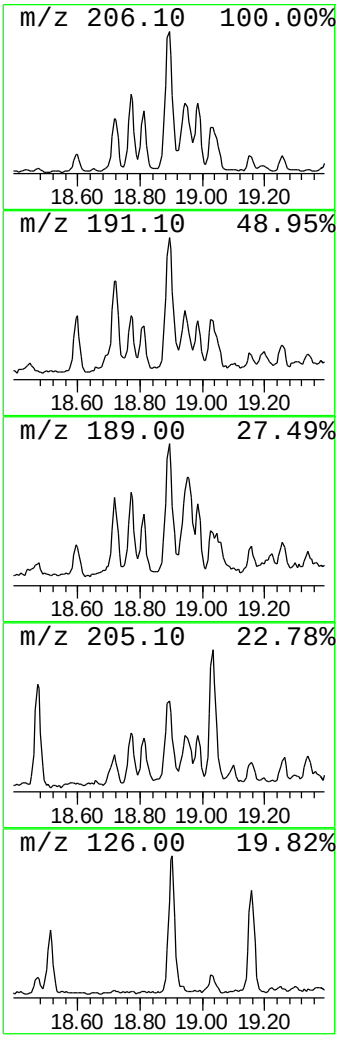
Peak Number 8 Phenanthrene, 2,5-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.89	2.57 ng/ul	1058380	Phenanthrene-d10	17.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	97
2	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	86
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	78
4	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	78
5	9,10-Dimethylanthracene	206	C16H14	000781-43-1	78





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Acq On : 12 Jul 2018 12:08
Operator : JU/SJ
Sample : J3775-02DL 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAZP1DL

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Quant Title : SVOA CALIBRATION

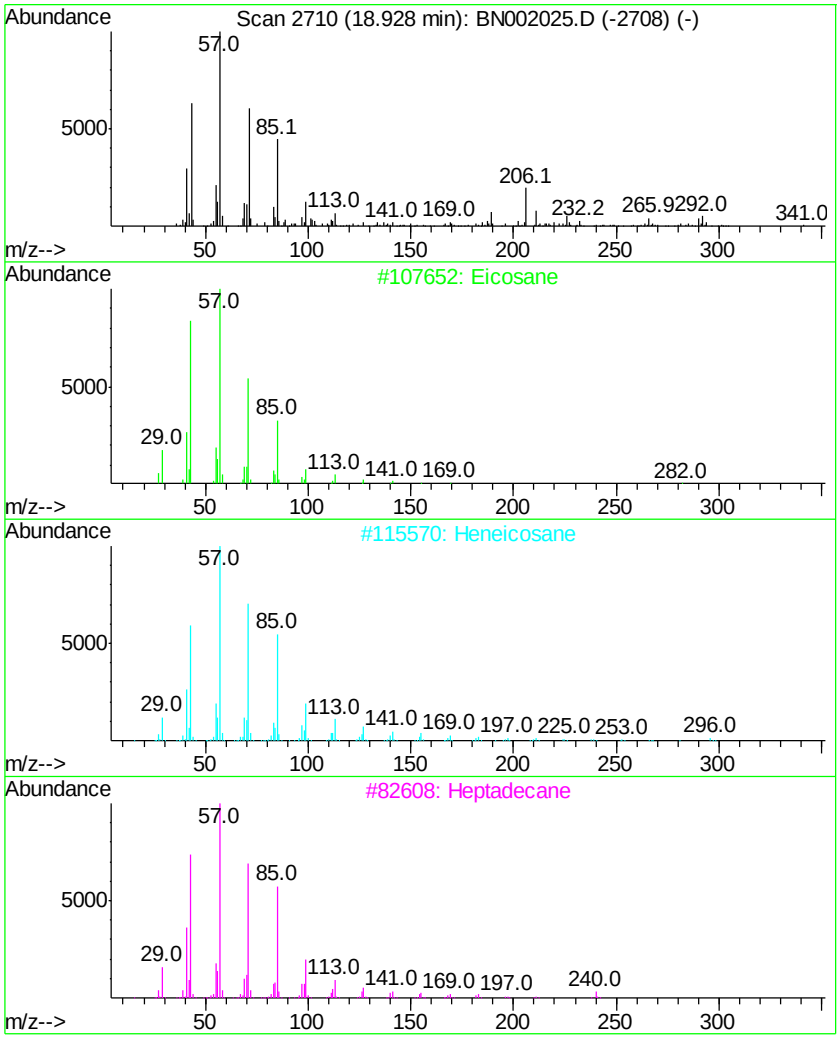
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

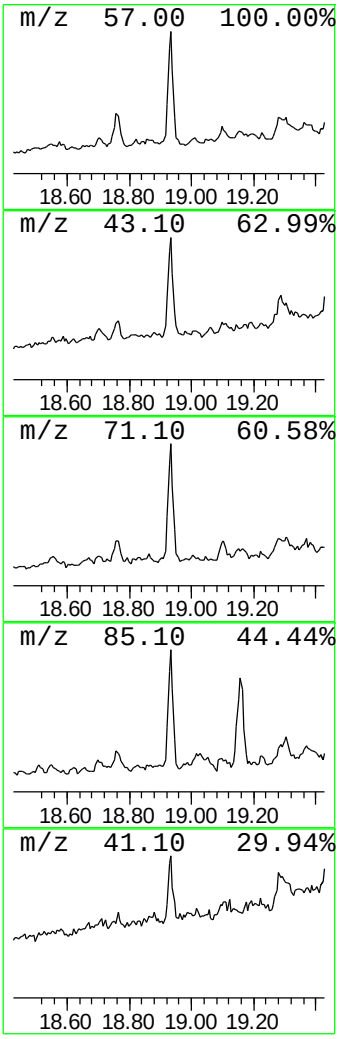
****

Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.93	2.02 ng/ul	832968	Phenanthrene-d10	17.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	95
2	Heneicosane	296	C21H44	000629-94-7	94
3	Heptadecane	240	C17H36	000629-78-7	86
4	Hexadecane	226	C16H34	000544-76-3	84
5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	70





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Operator : JU/SJ
Sample : J3775-02DL 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAZP1DL

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Quant Title : SVOA CALIBRATION

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

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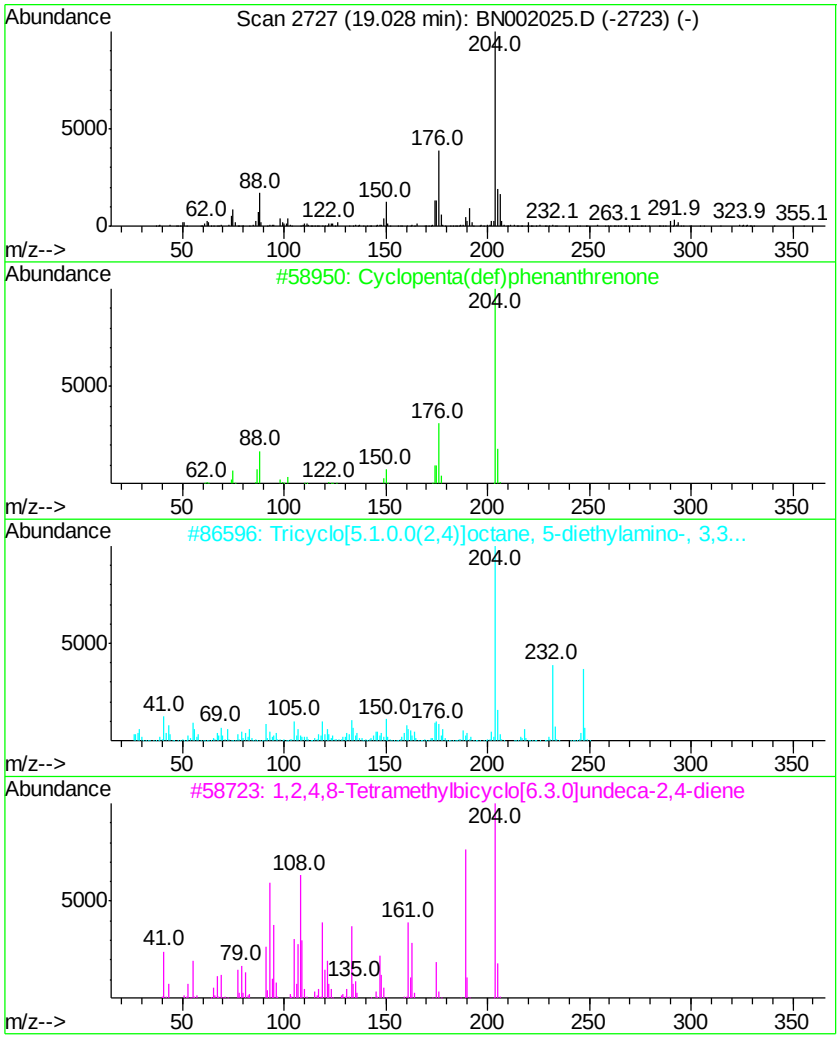
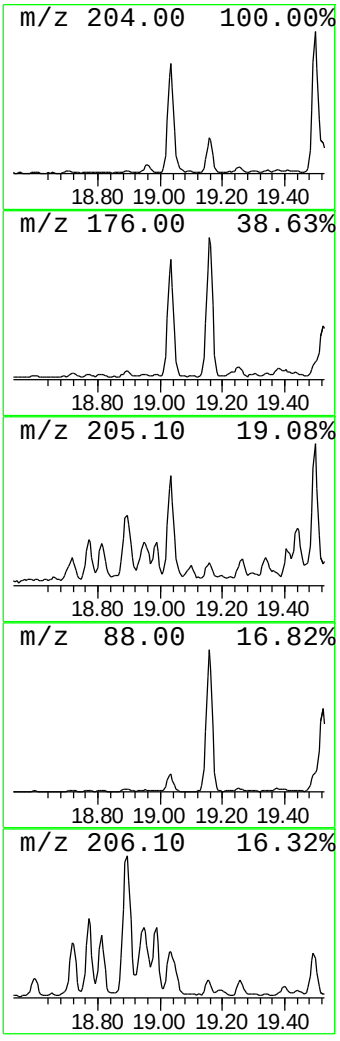
Peak Number 10 Cyclopenta(def)phenanthrenone Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.03	4.15 ng/ul	1709310	Phenanthrene-d10	17.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	97
2	Tricyclo[5.1.0.0(2,4)]octane, 5-...	247	C17H29N	1000063-59-3	50
3	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	49
4	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	47
5	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	45





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Operator : JU/SJ
Sample : J3775-02DL 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAZP1DL

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Quant Title : SVOA CALIBRATION

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

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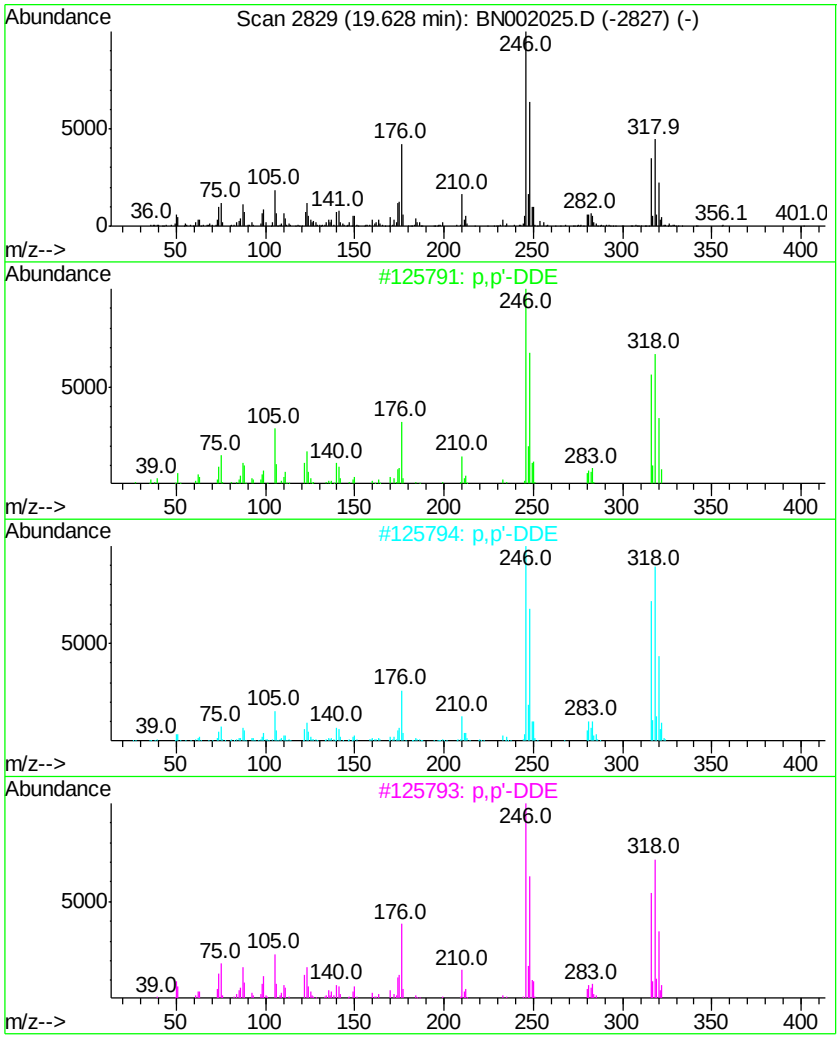
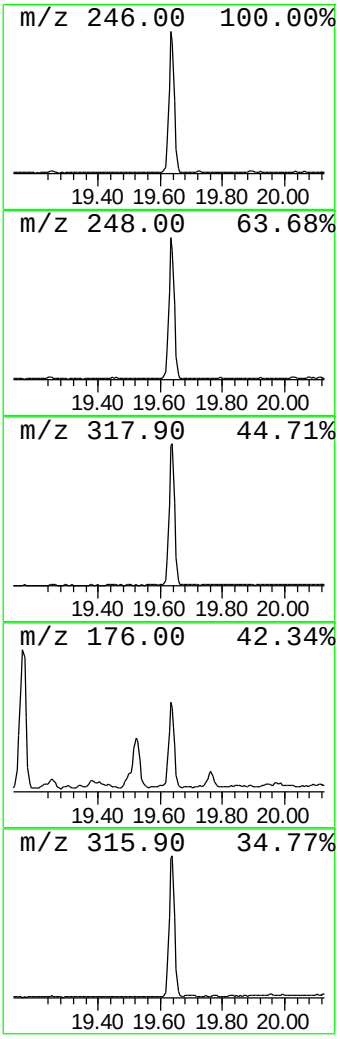
Peak Number 11 p,p'-DDE Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.63	2.32 ng/ul	1868090	Chrysene-d12	21.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p,p'-DDE	316	C14H8Cl4	000072-55-9	99
2	p,p'-DDE	316	C14H8Cl4	000072-55-9	99
3	p,p'-DDE	316	C14H8Cl4	000072-55-9	99
4	p,p'-DDE	316	C14H8Cl4	000072-55-9	99
5	p,p'-DDE	316	C14H8Cl4	000072-55-9	99





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Operator : JU/SJ
Sample : J3775-02DL 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAZP1DL

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Quant Title : SVOA CALIBRATION

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

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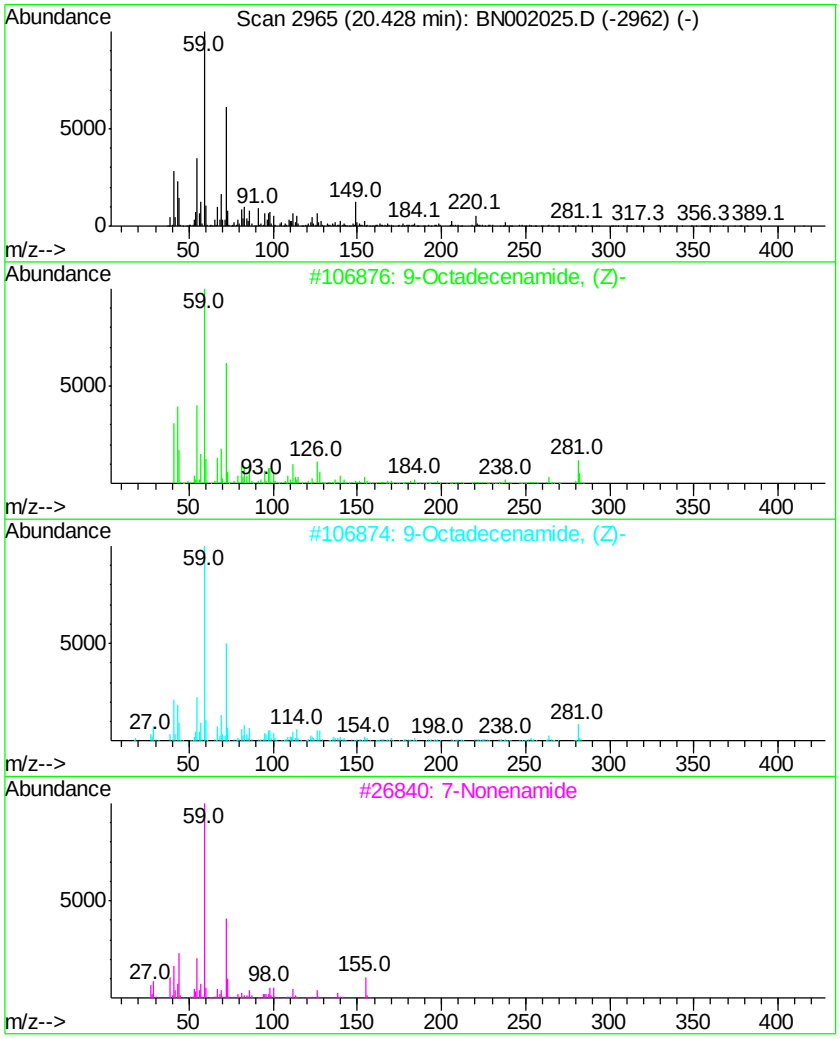
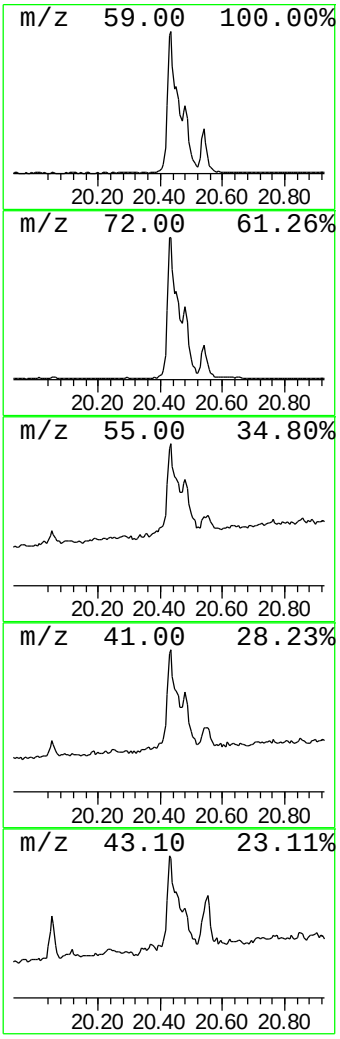
Peak Number 12 9-Octadecenamide, (Z)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.43	4.94 ng/ul	3987790	Chrysene-d12	21.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	95
2	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	91
3	7-Nonenamide	155	C9H17NO	090949-53-4	59
4	Pentadecanamide, 15-bromo-	319	C15H30BrNO	1000163-86-1	59
5	Hexadecanamide	255	C16H33NO	000629-54-9	59





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Operator : JU/SJ
Sample : J3775-02DL 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAZP1DL

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Quant Title : SVOA CALIBRATION

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

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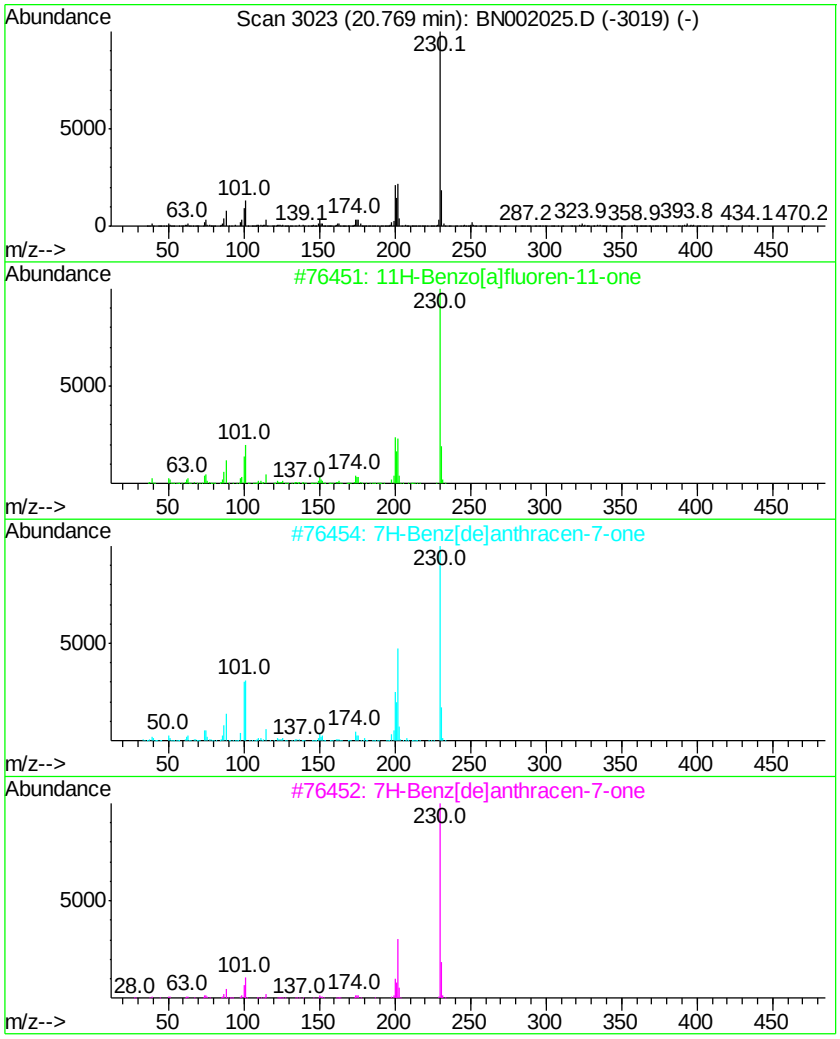
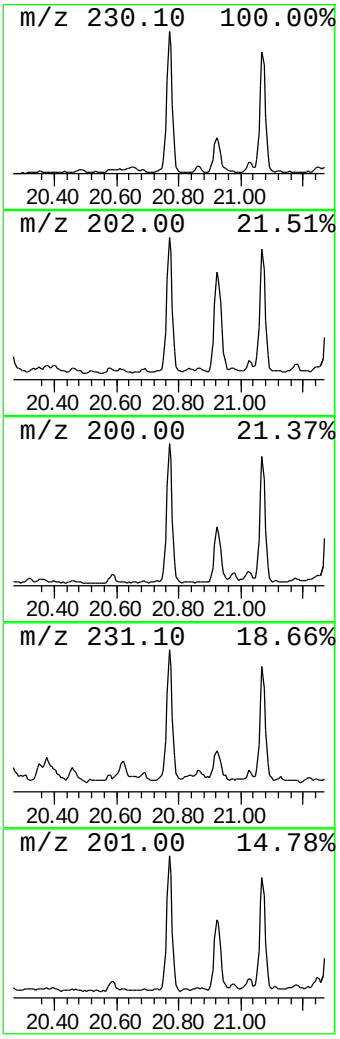
Peak Number 13 11H-Benzo[a]fluoren-11-one Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.77	3.14 ng/ul	2535910	Chrysene-d12	21.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	98
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
3	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	74
4	o-Terphenyl	230	C18H14	000084-15-1	64
5	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	64





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Sample : J3775-02DL 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAZP1DL

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Quant Title : SVOA CALIBRATION

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

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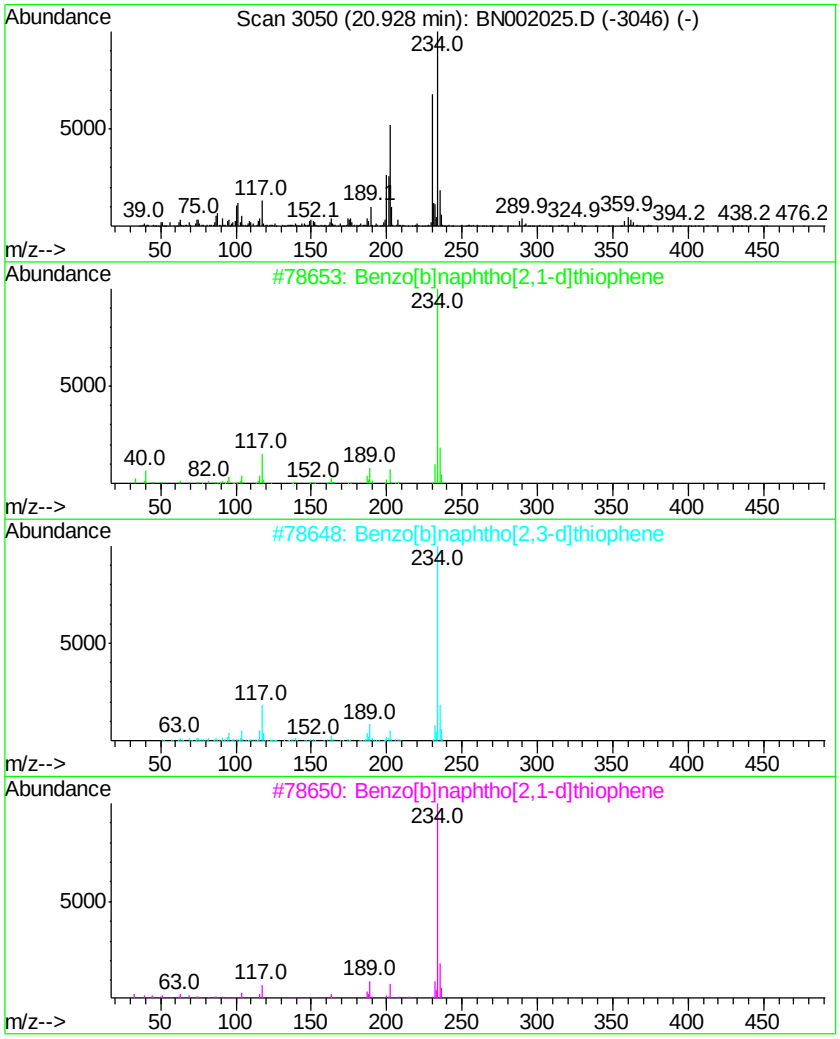
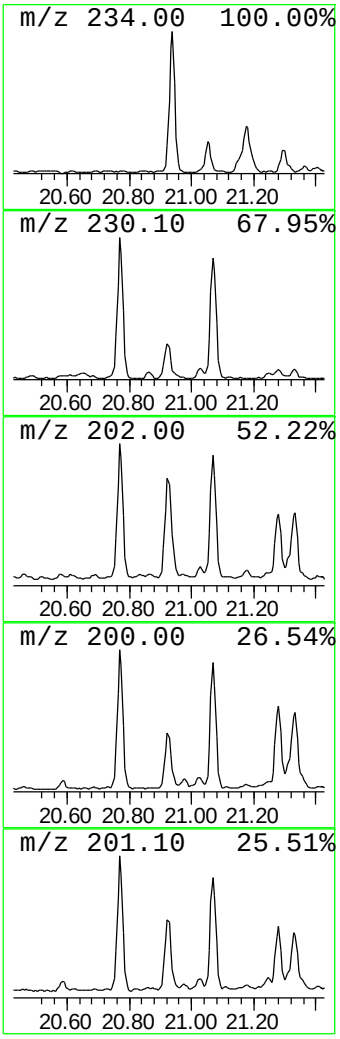
Peak Number 14 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.93	2.74 ng/ul	2205800	Chrysene-d12	21.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	96
2	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	95
3	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	76
4	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	70
5	Benzo[b]naphtho[1,2-d]thiophene	234	C16H10S	000205-43-6	70





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Quant Title : SVOA CALIBRATION

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

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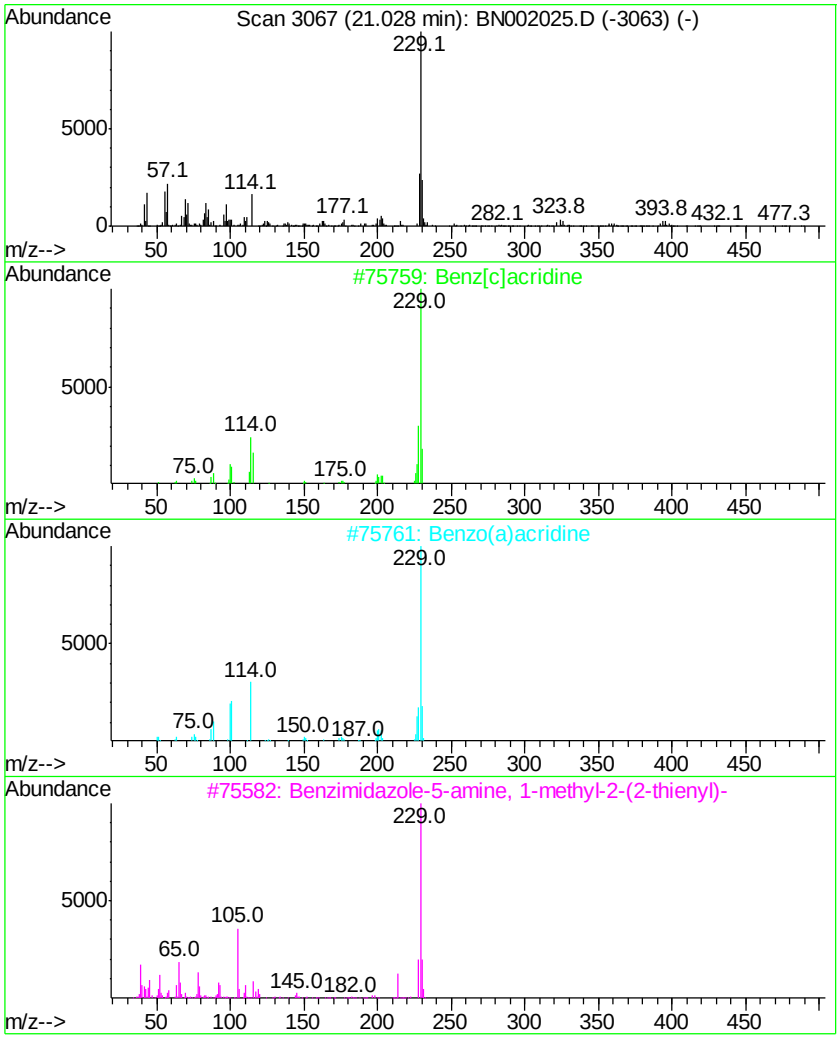
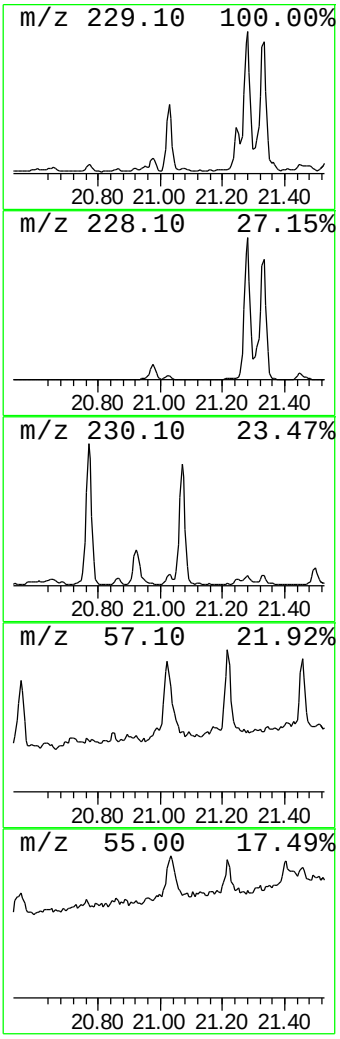
Peak Number 15 Benz[c]acridine Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.03	2.05 ng/ul	1653560	Chrysene-d12	21.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz[c]acridine	229	C17H11N	000225-51-4	87
2	Benzo(a)acridine	229	C17H11N	000225-11-6	45
3	Benzimidazole-5-amine, 1-methyl-...	229	C12H11N3S	021444-73-5	45
4	Benzo(a)acridine	229	C17H11N	000225-11-6	45
5	Decanoic acid, tert-butyldimethy...	286	C16H34O2Si	104255-74-5	40





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ClientSampleId : DAZP1DL

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Quant Title : SVOA CALIBRATION

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

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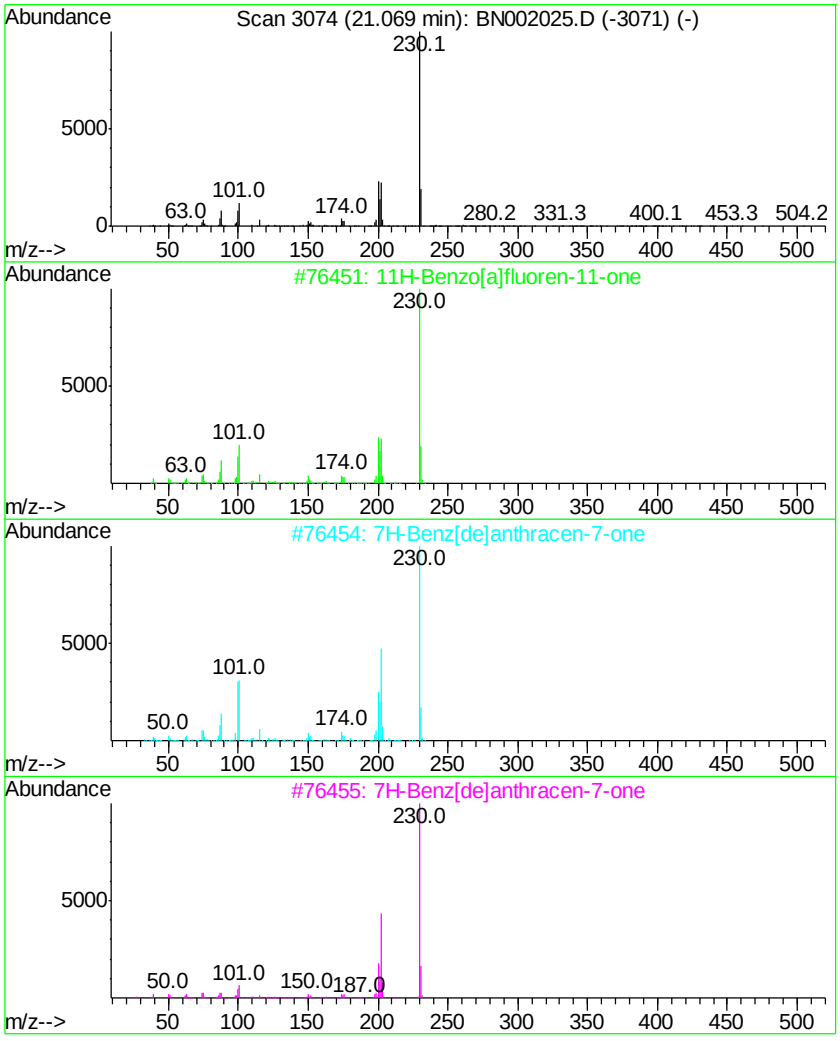
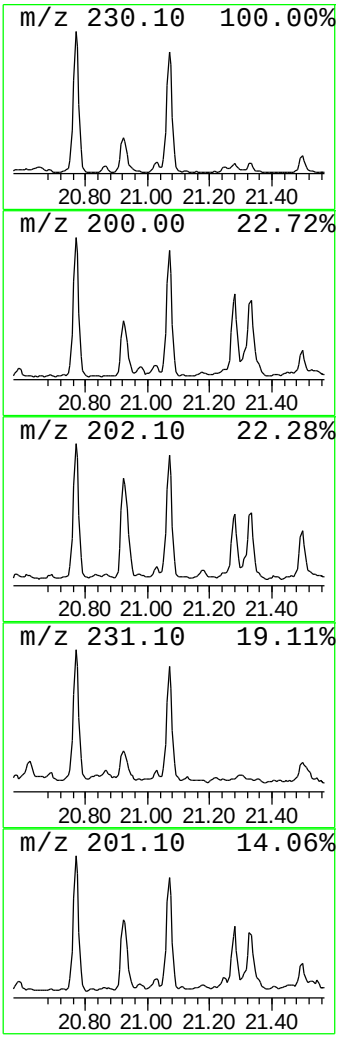
Peak Number 16 7H-Benz[de]anthracen-7-one Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.07	2.46 ng/ul	1984860	Chrysene-d12	21.29

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	90
3	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	68
4	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	68
5	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	59





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071118\
Data File : BN002025.D
Acq On : 12 Jul 2018 12:08
Operator : JU/SJ
Sample : J3775-02DL 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAZP1DL

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

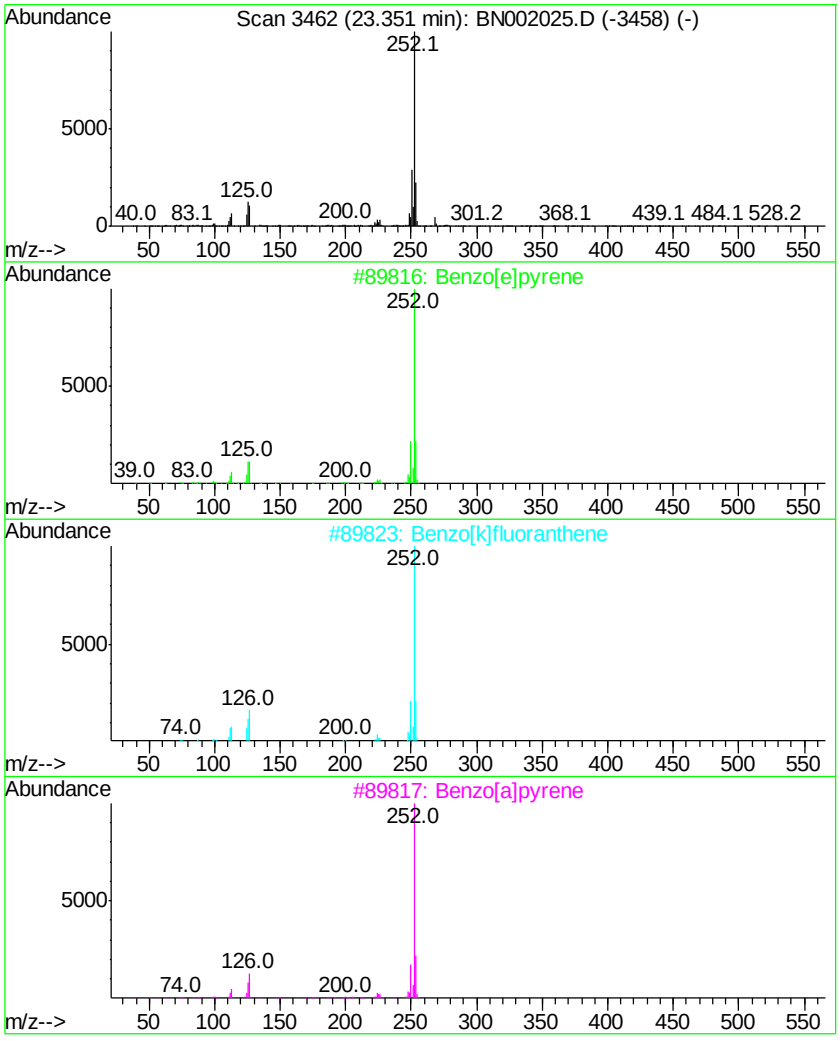
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

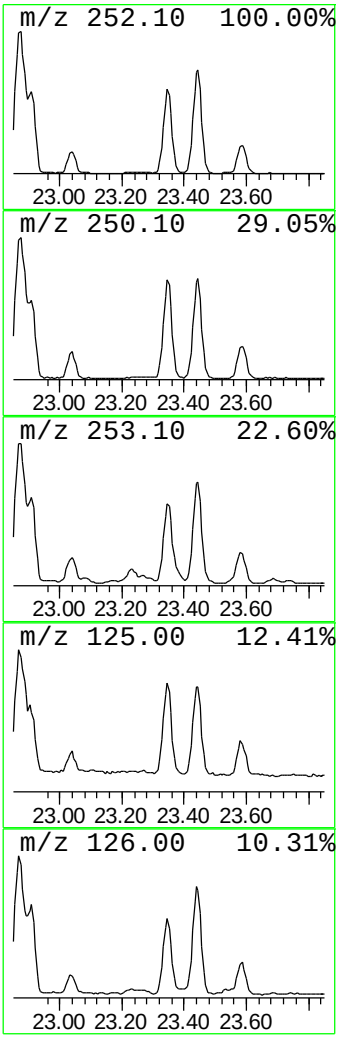
****

Peak Number 17 Benzo[e]pyrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.35	9.20 ng/ul	2122520	Perylene-d12	23.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	98
3	Benzo[a]pyrene	252	C20H12	000050-32-8	98
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	90
5	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN071118\
Data File : BN002025.D
Acq On : 12 Jul 2018 12:08
Operator : JU/SJ
Sample : J3775-02DL 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAZP1DL

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	15.6	ng/ul	2667050	1	7.71	3418230	20.0
9H-Fluoren-9-one	16.75	2.0	ng/ul	834951	4	17.09	8243050	20.0
Phenanthrene, 2-m...	17.97	3.0	ng/ul	1225080	4	17.09	8243050	20.0
Anthracene, 2-met...	18.02	5.4	ng/ul	2240840	4	17.09	8243050	20.0
4H-Cyclopenta[def...	18.16	5.1	ng/ul	2118370	4	17.09	8243050	20.0
Tricyclo[8.2.2.2(...	18.47	2.4	ng/ul	979804	4	17.09	8243050	20.0
9,10-Anthracenedione	18.51	3.2	ng/ul	1301240	4	17.09	8243050	20.0
Phenanthrene, 2,5...	18.89	2.6	ng/ul	1058380	4	17.09	8243050	20.0
(DEL) Alkane: Str...	18.93	2.0	ng/ul	832968	4	17.09	8243050	20.0
Cyclopenta(def)ph...	19.03	4.2	ng/ul	1709310	4	17.09	8243050	20.0
p,p'-DDE	19.63	2.3	ng/ul	1868090	5	21.29	16128900	20.0
9-Octadecenamide,...	20.43	4.9	ng/ul	3987790	5	21.29	16128900	20.0
11H-Benzo[a]fluor...	20.77	3.1	ng/ul	2535910	5	21.29	16128900	20.0
Benzo[b]naphtho[2...	20.93	2.7	ng/ul	2205800	5	21.29	16128900	20.0
Benz[c]acridine	21.03	2.0	ng/ul	1653560	5	21.29	16128900	20.0
7H-Benz[de]anthra...	21.07	2.5	ng/ul	1984860	5	21.29	16128900	20.0
Benzo[e]pyrene	23.35	9.2	ng/ul	2122520	6	23.54	4616070	20.0