LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071118\
Data File : BN002019.D
Acq On : 11 Jul 2018 20:08
Operator : JU/SJ
Sample : J3775-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAZP1

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	3.023	3	6	24	rVB	3860495	5697706	17.12%	1.531%
2	3.270	44	48	57	rVB	142556	210149	0.63%	0.056%
3	3.770	129	133	142	rVB	196785	276416	0.83%	0.074%
4	4.875	315	321	329	rVB2	148888	246806	0.74%	0.066%
5	5.264	383	387	395	rVB	134952	211198	0.63%	0.057%
6	5.734	461	467	475	rBV2	111331	210117	0.63%	0.056%
7	5.822	475	482	491	rVB	63771	130191	0.39%	0.035%
8	6.228	544	551	556	rBV	82981	137031	0.41%	0.037%
9	6.899	654	665	682	rVV	3023308	5204063	15.64%	1.398%
10	7.052	684	691	705	rBV	2261786	3573575	10.74%	0.960%
11	7.252	718	725	735	rVB	3018054	4809465	14.45%	1.292%
12	7.716	796	804	811	rBV	2044735	3394481	10.20%	0.912%
13	8.422	917	924	934	rVV	3546521	5801823	17.43%	1.559%
14	8.863	991	999	1008	rVV	2863541	4694706	14.11%	1.261%
15	8.999	1016	1022	1025	rBV	100123	158230	0.48%	0.043%
16	9.581	1112	1121	1128	rBV	2370274	4029702	12.11%	1.083%
17	10.116	1204	1212	1222	rBV	3724801	6354260	19.09%	1.707%
18	10.487	1266	1275	1281	rBV	3007814	5238682	15.74%	1.407%
19	10.534	1281	1283	1291	rVB	125055	195899	0.59%	0.053%
20	10.628	1291	1299	1316	rBV	1434566	2744038	8.24%	0.737%
21	12.016	1524	1535	1540	rVV2	148504	287706	0.86%	0.077%
22	12.075	1540	1545	1553	rVV2	76939	159456	0.48%	0.043%
23	12.151	1553	1558	1564	rVB	113191	191181	0.57%	0.051%
24	12.375	1590	1596	1601	rBV	91350	133286	0.40%	0.036%
25	13.175	1727	1732	1737	rBV	125227	164414	0.49%	0.044%
26	13.522	1782	1791	1797	rBV4	90185	226085	0.68%	0.061%
27	13.663	1810	1815	1820	rBV	158492	272046	0.82%	0.073%
28	13.757	1825	1831	1836	rVV	6003106	8802668	26.45%	2.365%
29	13.804	1836	1839	1844	rVV	1699198	2211464	6.64%	0.594%
30	13.898	1848	1855	1859	rVV3	74514	157610	0.47%	0.042%
31	14.040	1868	1879	1892	rBV	7044439	11456102	34.42%	3.078%
32	14.257	1911	1916	1921	rVB	274799	358720	1.08%	0.096%
33	14.345	1921	1931	1937	rBV2	4333137	6926154	20.81%	1.861%
34	14.410	1937	1942	1949	rVB	865997	1319971	3.97%	0.355%

LSC Area Percent Report

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Operator : JU/SJ
Sample : J3775-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAZP1

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	14.563	1961	1968	1976	rBV	2532593	4126239	12.40%	1.109%
36	14.710	1988	1993	1995	rBV	185542	272496	0.82%	0.073%
37	14.745	1995	1999	2008	rVV	405853	749520	2.25%	0.201%
38	14.822	2008	2012	2017	rVB2	127524	182364	0.55%	0.049%
39	14.875	2017	2021	2027	rVB2	96344	156354	0.47%	0.042%
40	14.969	2029	2037	2041	rBV4	114497	286389	0.86%	0.077%
41	15.016	2041	2045	2049	rVB2	112113	164385	0.49%	0.044%
42	15.151	2062	2068	2074	rBV3	119058	287926	0.87%	0.077%
43	15.210	2074	2078	2083	rVB	550249	660016	1.98%	0.177%
44	15.345	2094	2101	2106	rBV	8780153	13151839	39.52%	3.533%
45	15.398	2106	2110	2115	rVB	499016	695936	2.09%	0.187%
46	15.469	2117	2122	2128	rBV	1467016	2108356	6.33%	0.566%
47	15.522	2128	2131	2134	rVB3	130225	155979	0.47%	0.042%
48	15.563	2134	2138	2142	rBV3	182816	364215	1.09%	0.098%
49	15.616	2143	2147	2151	rVB2	173787	265060	0.80%	0.071%
50	15.692	2156	2160	2168	rVB	352023	616164	1.85%	0.166%
51	15.763	2169	2172	2178	rBV5	98657	174147	0.52%	0.047%
52	15.834	2180	2184	2193	rVB	356428	709555	2.13%	0.191%
53	16.075	2220	2225	2228	rBV	906667	1379527	4.15%	0.371%
54	16.245	2251	2254	2258	rVB3	118201	138731	0.42%	0.037%
55	16.451	2285	2289	2292	rVB3	197101	242725	0.73%	0.065%
56	16.634	2317	2320	2323	rBV3	181618	253309	0.76%	0.068%
57	16.669	2324	2326	2330	rVB2	229736	280489	0.84%	0.075%
58	16.751	2335	2340	2347	rVB	1241729	1784059	5.36%	0.479%
59	16.828	2349	2353	2356	rBV	225308	390166	1.17%	0.105%
60	16.863	2356	2359	2363	rVV	689944	1010602	3.04%	0.271%
61	16.916	2363	2368	2376	rVB2	929360	1590498	4.78%	0.427%
62	17.098	2393	2399	2402	rBV	4780316	7705634	23.15%	2.070%
63	17.139	2402	2406	2411	rVV	15136383	21758206	65.38%	5.845%
64	17.192	2411	2415	2419	rVV2	9017367	13926760	41.85%	3.741%
65	17.228	2419	2421	2426	rVB	3442755	3968560	11.92%	1.066%
66	17.286	2427	2431	2436	rBV3	335867	554760	1.67%	0.149%
67	17.469	2459	2462	2463	rBV2	322465	349242	1.05%	0.094%
68	17.498	2463	2467	2472	rVB	1297298	1799107	5.41%	0.483%
69	17.604	2481	2485	2491	rBV2	822995	1247548	3.75%	0.335%
70	17.675	2493	2497	2506	rVB3	504711	921044	2.77%	0.247%
71	17.969	2543	2547	2550	rBV	1717324	2272149	6.83%	0.610%

LSC Area Percent Report

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Operator : JU/SJ
Sample : J3775-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAZP1

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

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Peak separation: 5

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

72	18.016	2550	2555	2561	rVB2	3378505	5819006	17.48%	1.563%
73	18.098	2566	2569	2573	rVV	731786	1062413	3.19%	0.285%
74	18.163	2575	2580	2584	rVV2	2374222	4244005	12.75%	1.140%
75	18.198	2584	2586	2592	rVB	1129919	1463406	4.40%	0.393%
76	18.298	2600	2603	2606	rBV	457112	572644	1.72%	0.154%
77	18.475	2629	2633	2636	rBV	1519566	1941693	5.83%	0.522%
78	18.516	2636	2640	2645	rVB	1940205	2601479	7.82%	0.699%
79	18.898	2701	2705	2709	rBV2	1093369	1711089	5.14%	0.460%
80	18.939	2709	2712	2718	rVB4	794116	1263184	3.80%	0.339%
81	19.033	2724	2728	2735	rVB	1918697	3282043	9.86%	0.882%
82	19.163	2744	2750	2756	rVB	22310560	33281251	100.00%	8.941%
83	19.304	2770	2774	2778	rVB5	1241904	1893318	5.69%	0.509%
84	19.445	2795	2798	2801	rVB	989680	1107680	3.33%	0.298%
85	19.498	2802	2807	2809	rVV2	12074765	17774782	53.41%	4.775%
86	19.528	2809	2812	2820	rVB	17856915	26086685	78.38%	7.008%
87	19.639	2828	2831	2836	rVB	2943677	3522054	10.58%	0.946%
88	19.704	2839	2842	2846	rVV	1460984	2141644	6.43%	0.575%
89	19.757	2848	2851	2857	rVB2	1612657	2689141	8.08%	0.722%
90	20.439	2963	2967	2973	rBV2	3918226	7194917	21.62%	1.933%
91	20.775	3020	3024	3029	rBV	3575437	4590143	13.79%	1.233%
92	21.022	3063	3066	3071	rVV3	2586950	3690691	11.09%	0.991%
93	21.075	3072	3075	3080	rVB	2829298	3589165	10.78%	0.964%
94	21.222	3097	3100	3103	rBV	1393407	1561073	4.69%	0.419%
95	21.286	3106	3111	3116	rVV3	11882255	22231493	66.80%	5.972%
96	21.333	3116	3119	3129	rVB	8919334	12907405	38.78%	3.468%
97	22.874	3377	3381	3386	rBV2	5481333	11235702	33.76%	3.018%
98	23.357	3459	3463	3467	rBV	2587520	4358416	13.10%	1.171%
99	23.404	3468	3471	3475	rVV	4057876	6977519	20.97%	1.874%
100	23.451	3476	3479	3486	rVB	5543450	8756273	26.31%	2.352%

Sum of corrected areas: 372235771

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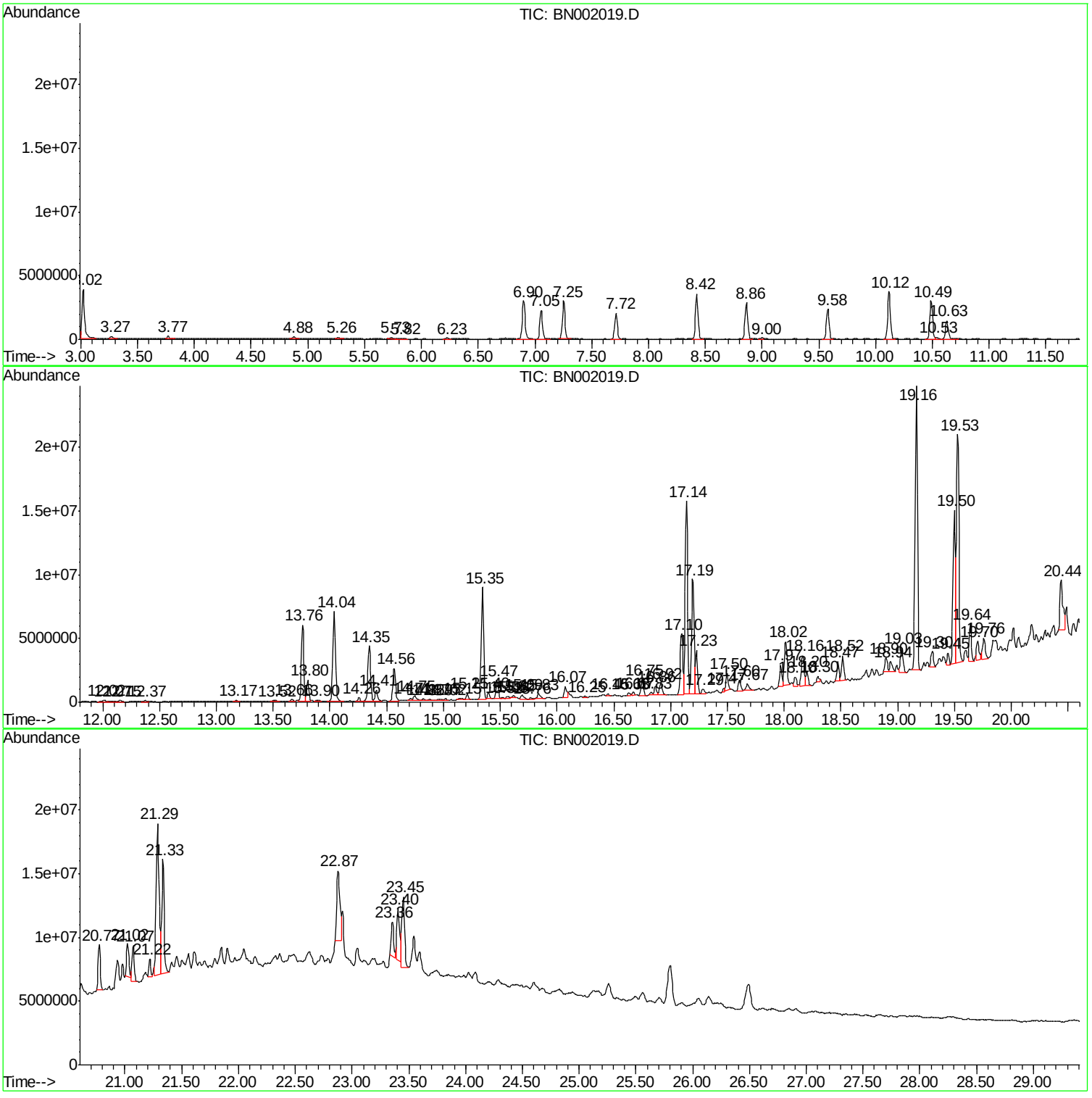
Sample : J3775-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DAZP1

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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Data File : BN002019.D
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Instrument : BNA_N
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061918.M
Quant Title : SVOA CALIBRATION

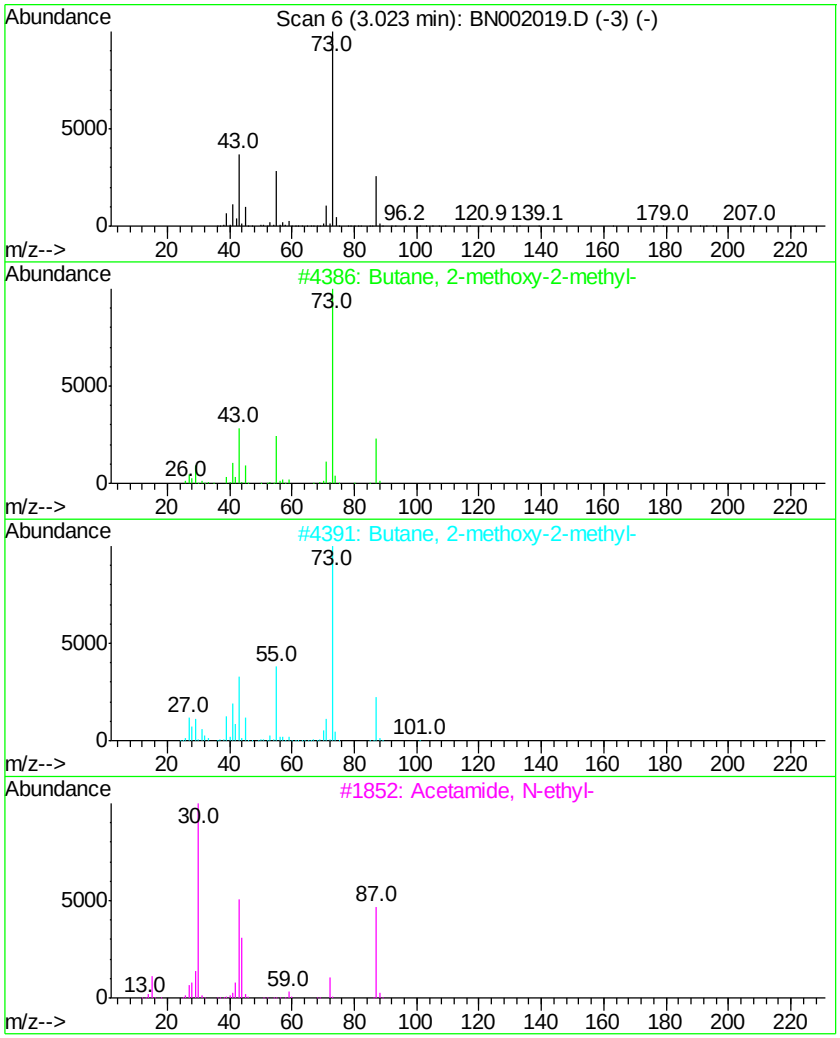
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

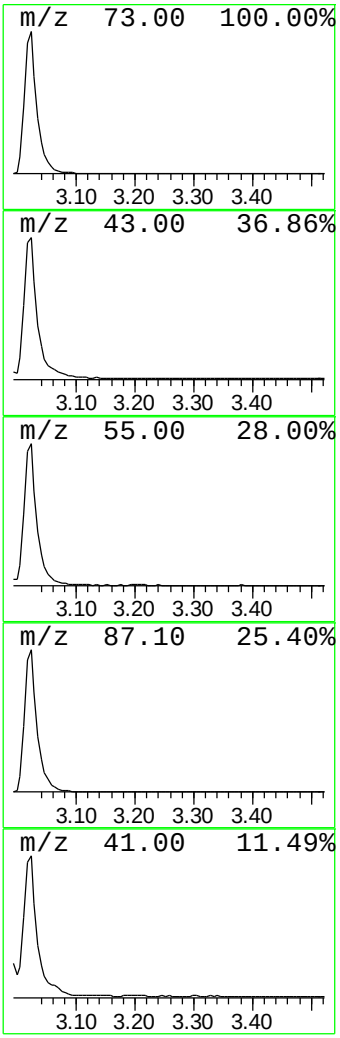
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.02	33.57 ng/ul	5697710	1,4-Dichlorobenzene-d4	7.72

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	59
3	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	22
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	12





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071118\
Data File : BN002019.D
Acq On : 11 Jul 2018 20:08
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Sample : J3775-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAZP1

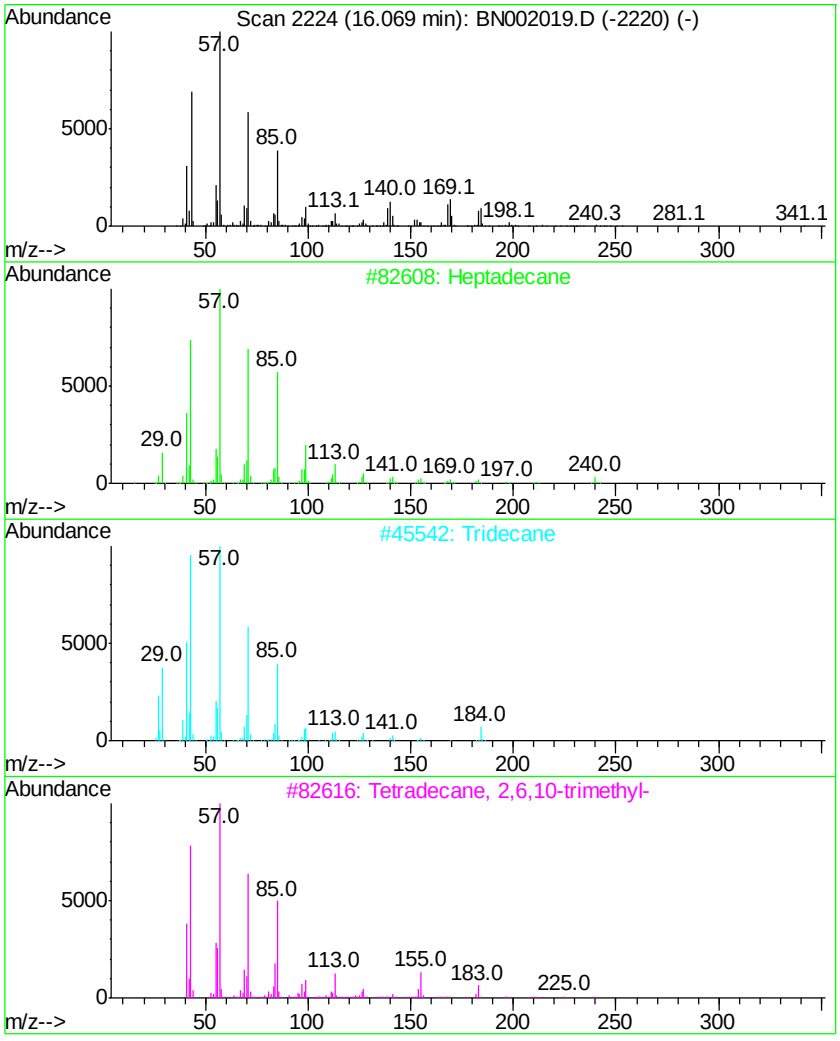
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061918.M
Quant Title : SVOA CALIBRATION

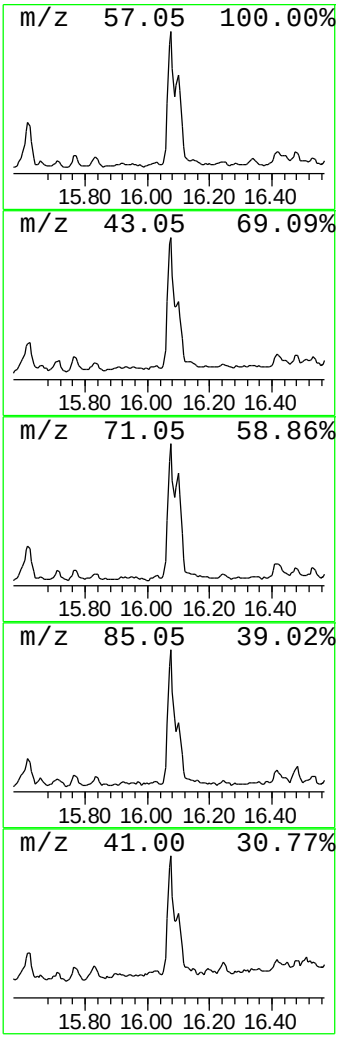
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.07	3.58 ng/ul	1379530	Phenanthrene-d10	17.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	93
2	Tridecane	184	C13H28	000629-50-5	89
3	Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	86
4	Tetradecane	198	C14H30	000629-59-4	86
5	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071118\
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Instrument : BNA_N
ClientSampleId : DAZP1

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

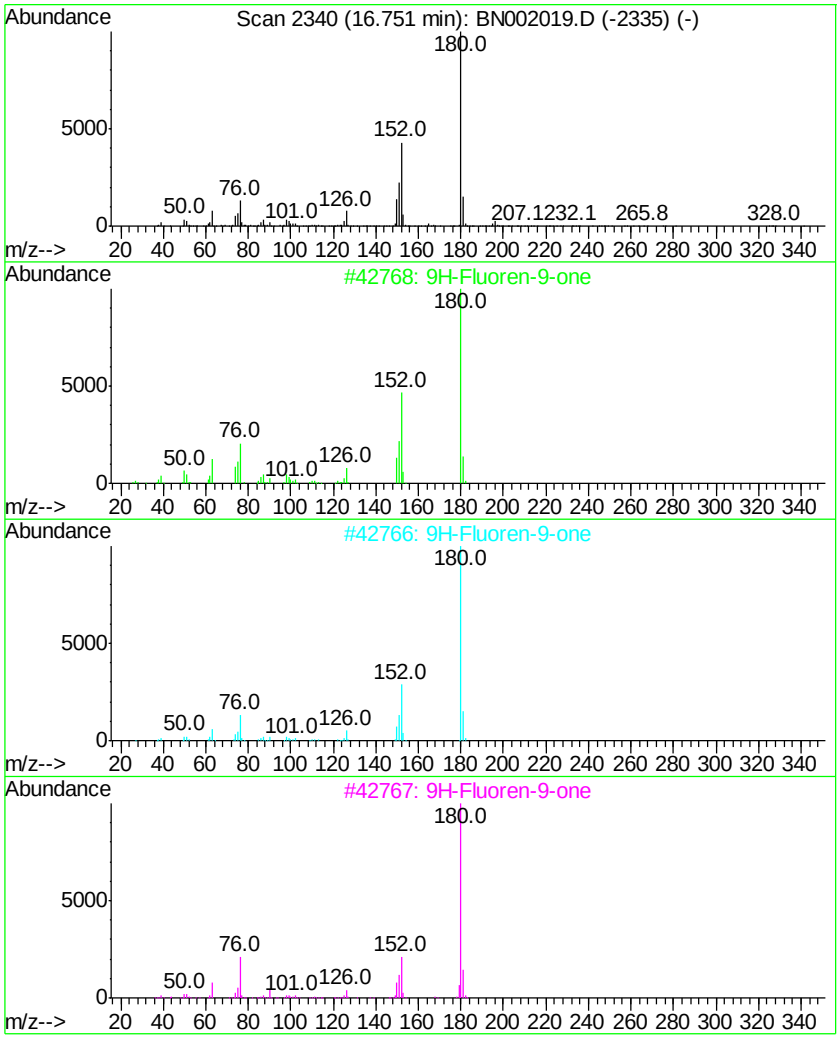
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

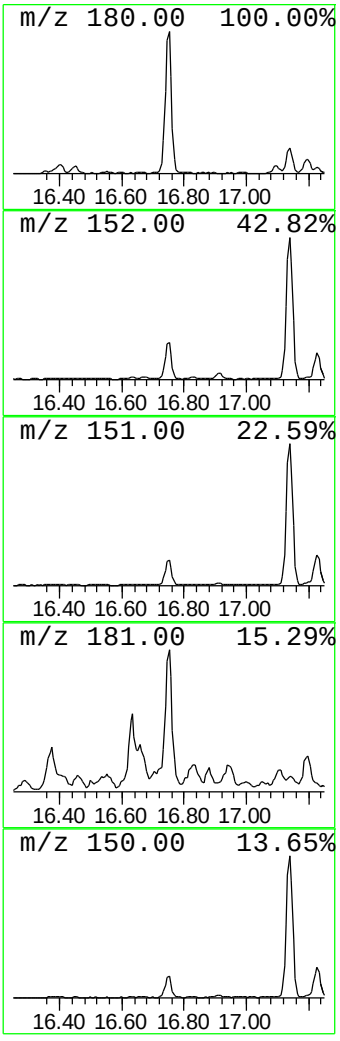
****

Peak Number 3 9H-Fluoren-9-one Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.75	4.63 ng/ul	1784060	Phenanthrene-d10	17.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-one	180	C13H8O	000486-25-9	97
2	9H-Fluoren-9-one	180	C13H8O	000486-25-9	95
3	9H-Fluoren-9-one	180	C13H8O	000486-25-9	95
4	9H-Fluoren-9-one	180	C13H8O	000486-25-9	93
5	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	91





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Sample : J3775-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAZP1

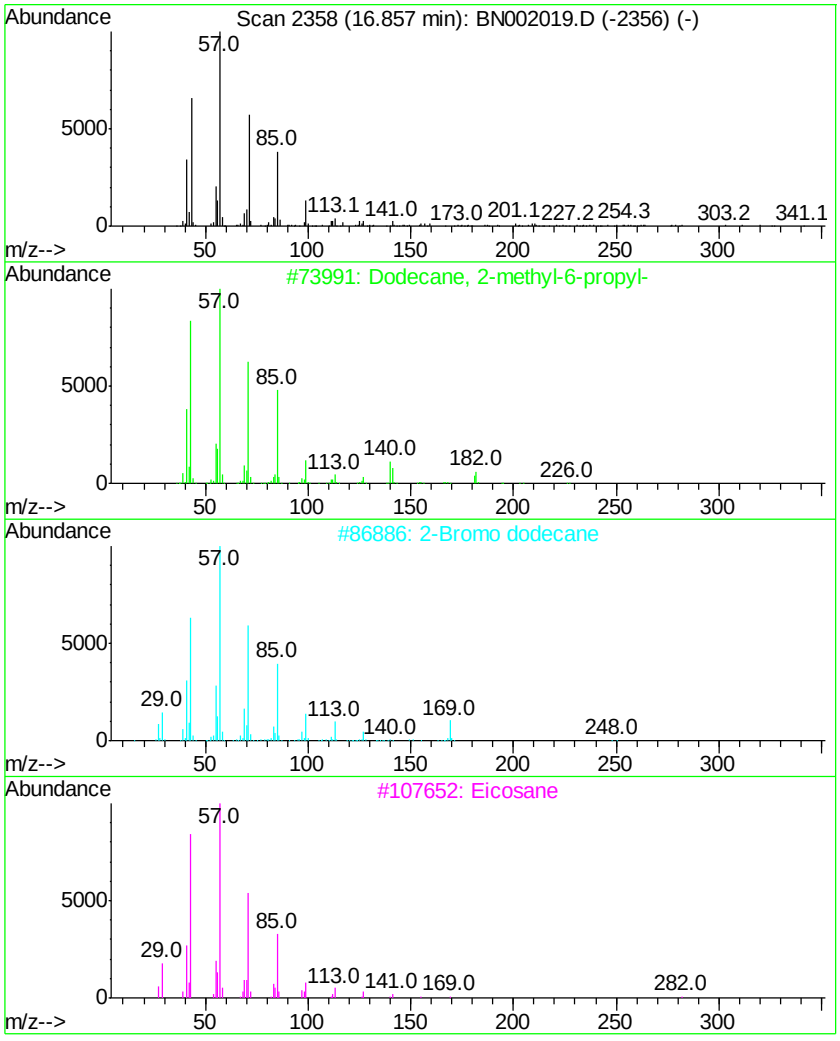
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061918.M
Quant Title : SVOA CALIBRATION

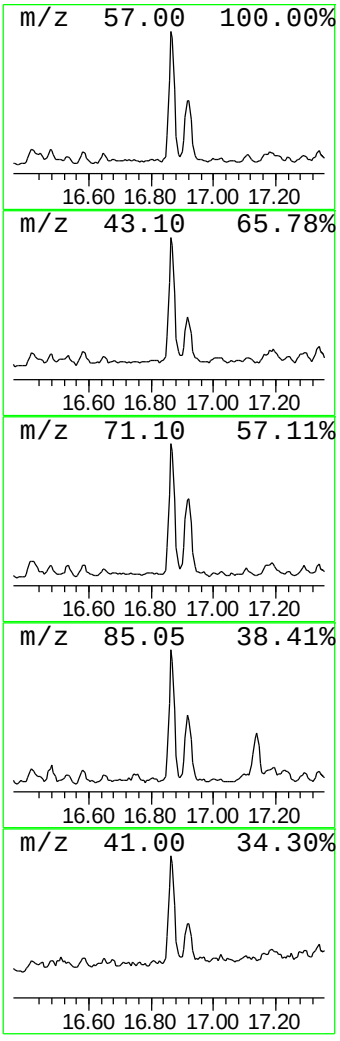
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.86	2.62 ng/ul	1010600	Phenanthrene-d10	17.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	90
2	2-Bromo dodecane	248	C12H25Br	013187-99-0	86
3	Eicosane	282	C20H42	000112-95-8	68
4	Pentadecane	212	C15H32	000629-62-9	62
5	Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	58





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071118\
Data File : BN002019.D
Acq On : 11 Jul 2018 20:08
Operator : JU/SJ
Sample : J3775-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAZP1

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

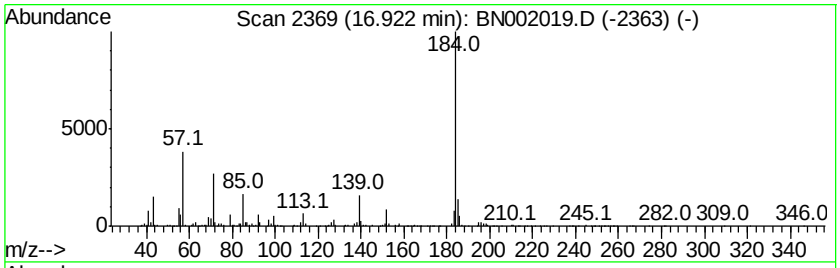
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

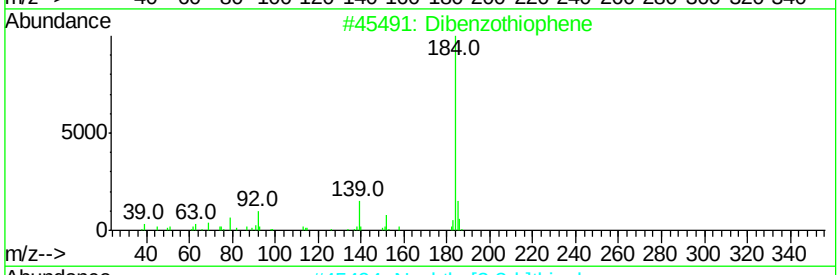
****

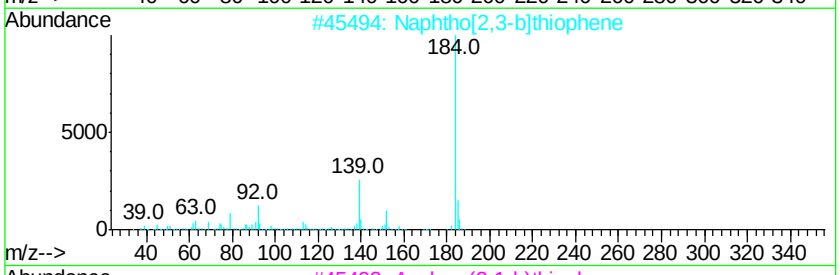
Peak Number 5 Dibenzothiophene Concentration Rank 11

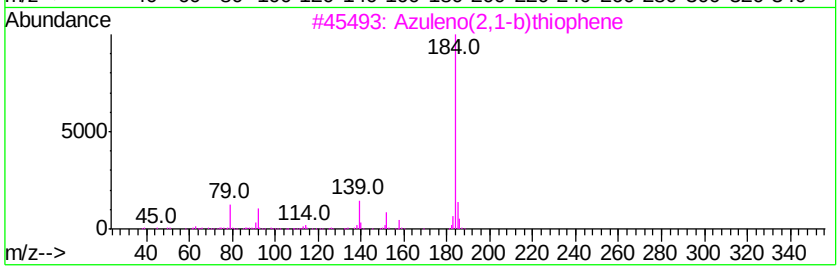
R.T.	EstConc	Area	Relative to ISTD	R.T.
16.92	4.13 ng/ul	1590500	Phenanthrene-d10	17.10

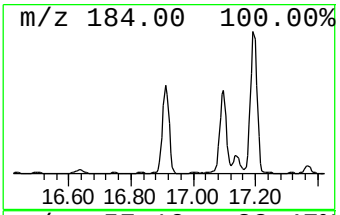
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	94
2	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	93
3	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	90
4	Dibenzothiophene	184	C12H8S	000132-65-0	90
5	Dibenzothiophene	184	C12H8S	000132-65-0	87

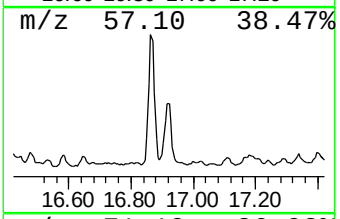


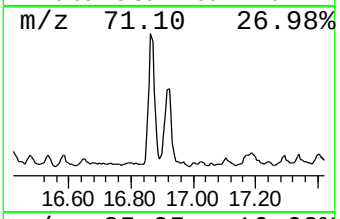


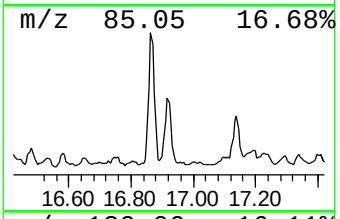


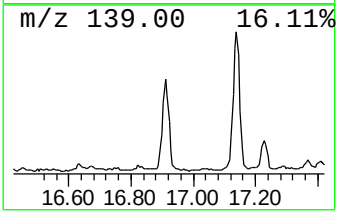












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Acq On : 11 Jul 2018 20:08
Operator : JU/SJ
Sample : J3775-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAZP1

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Quant Title : SVOA CALIBRATION

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

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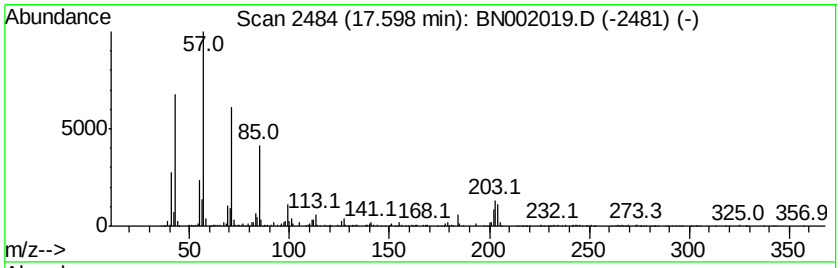
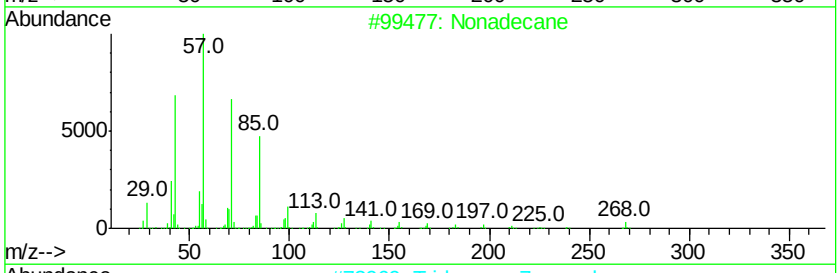
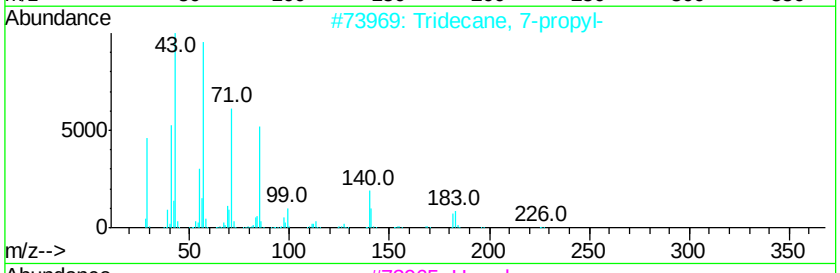
Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 16

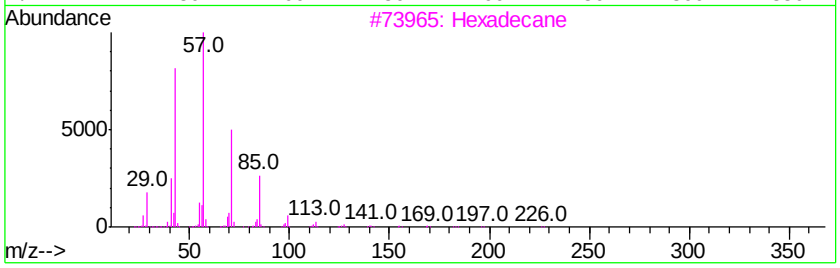
R.T.	EstConc	Area	Relative to ISTD	R.T.
17.60	3.24 ng/ul	1247550	Phenanthrene-d10	17.10

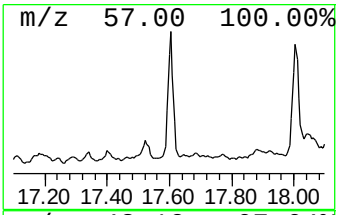
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	91
2	Tridecane, 7-propyl-	226	C16H34	055045-09-5	53
3	Hexadecane	226	C16H34	000544-76-3	50
4	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	49
5	Eicosane	282	C20H42	000112-95-8	49

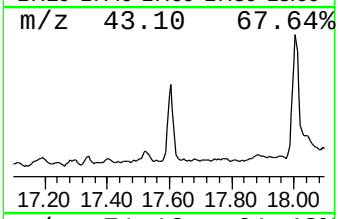


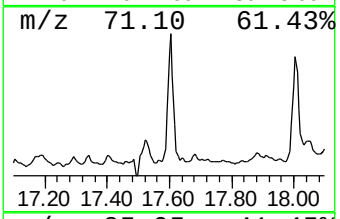


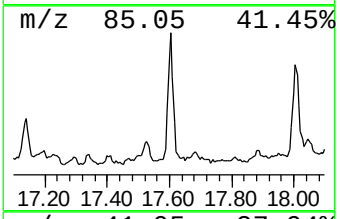


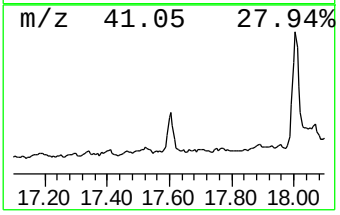












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Acq On : 11 Jul 2018 20:08
Operator : JU/SJ
Sample : J3775-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAZP1

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Quant Title : SVOA CALIBRATION

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

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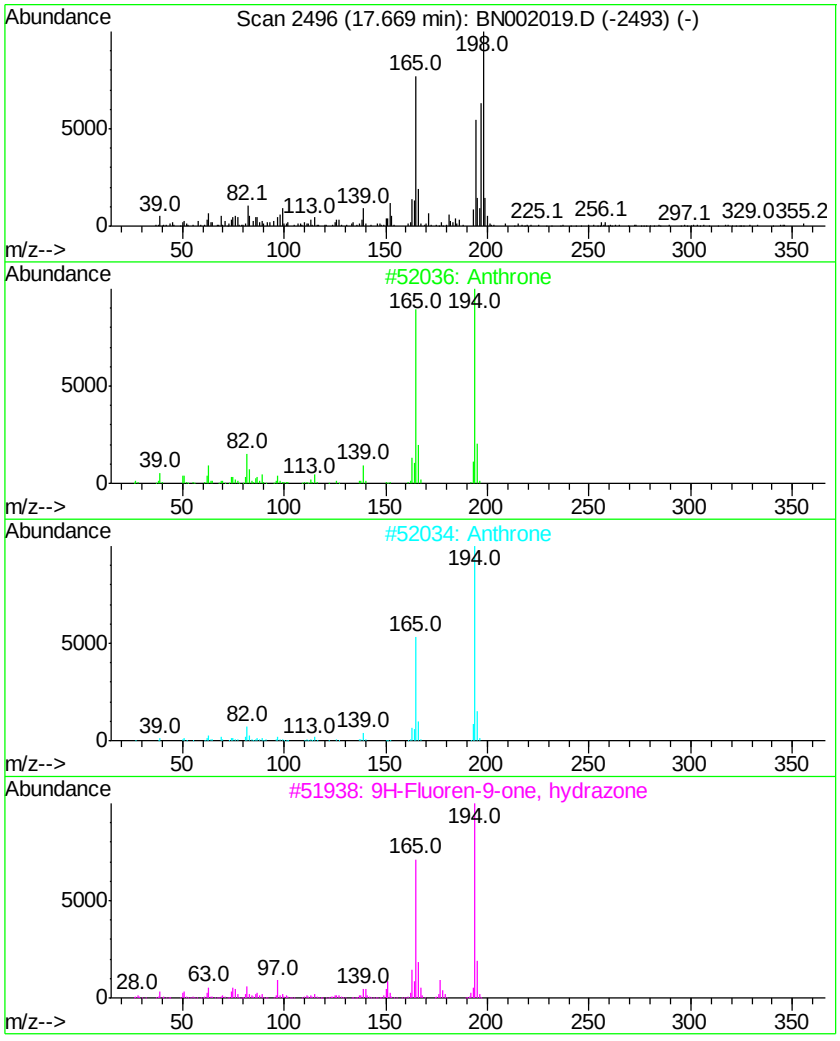
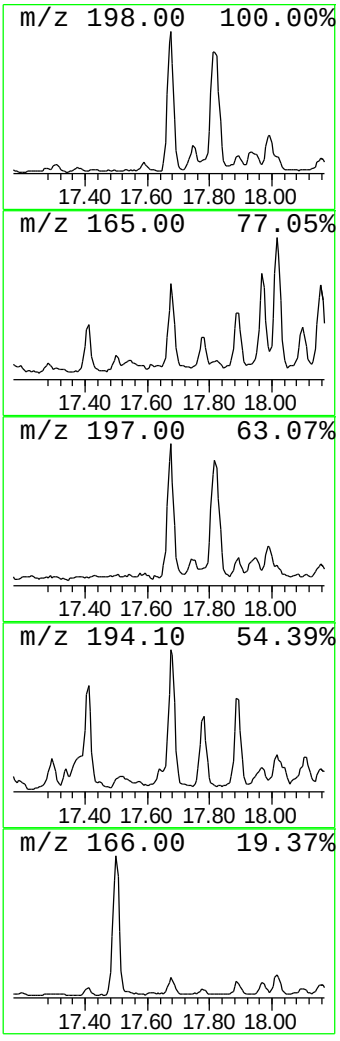
Peak Number 7 Anthrone Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.67	2.39 ng/ul	921044	Phenanthrene-d10	17.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthrone	194	C14H10O	000090-44-8	60
2	Anthrone	194	C14H10O	000090-44-8	55
3	9H-Fluoren-9-one, hydrazone	194	C13H10N2	013629-22-6	55
4	3-Phenanthrol	194	C14H10O	000605-87-8	55
5	2,9b-Dihydrofurano[4,3,2-jk]fluo...	194	C14H10O	204396-15-6	50





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Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAZP1

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Quant Title : SVOA CALIBRATION

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

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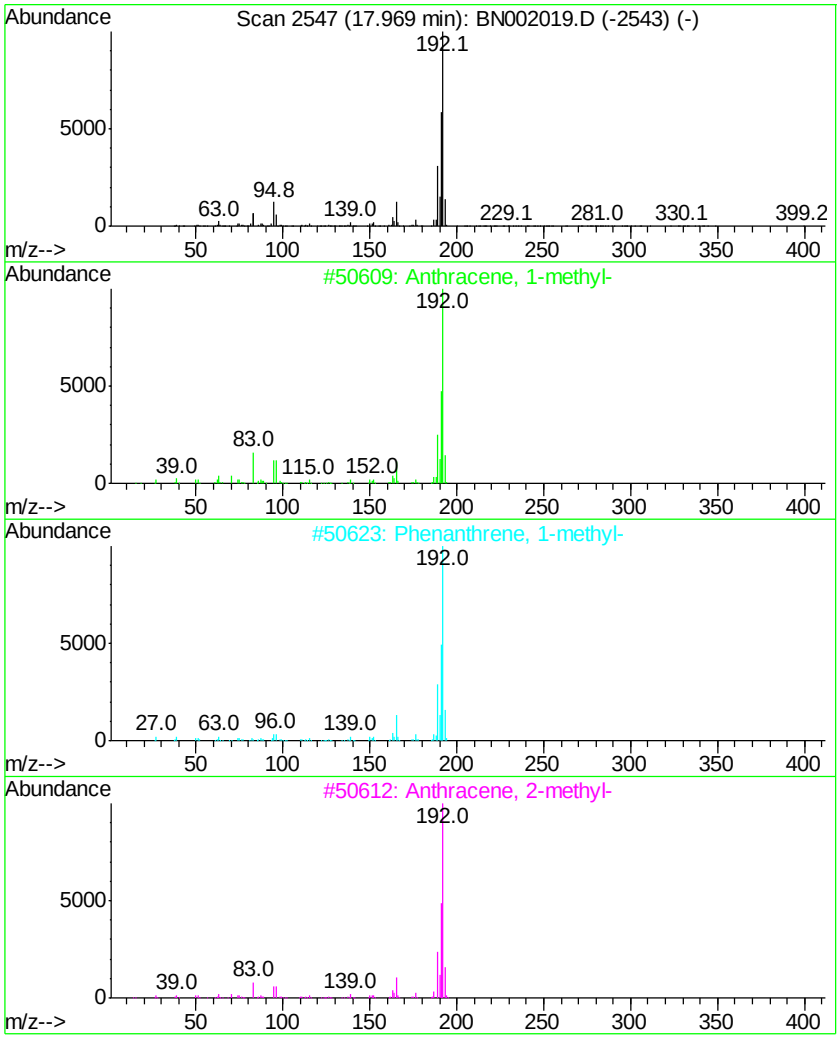
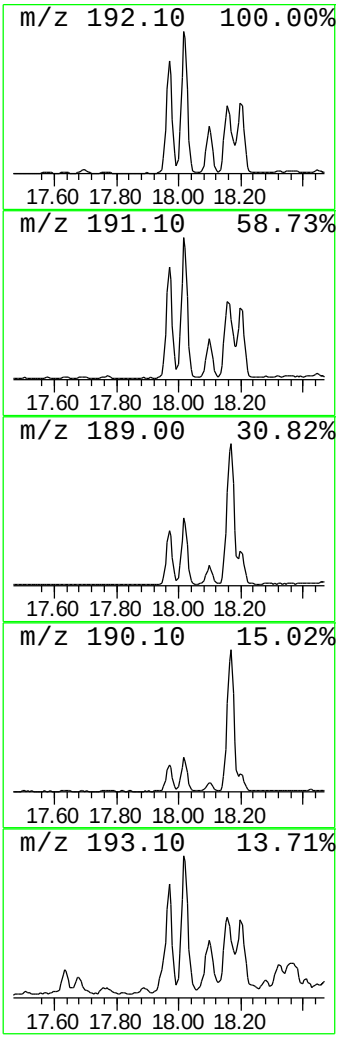
Peak Number 8 Anthracene, 1-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.97	5.90 ng/ul	2272150	Phenanthrene-d10	17.10

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





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Instrument : BNA_N
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Quant Title : SVOA CALIBRATION

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

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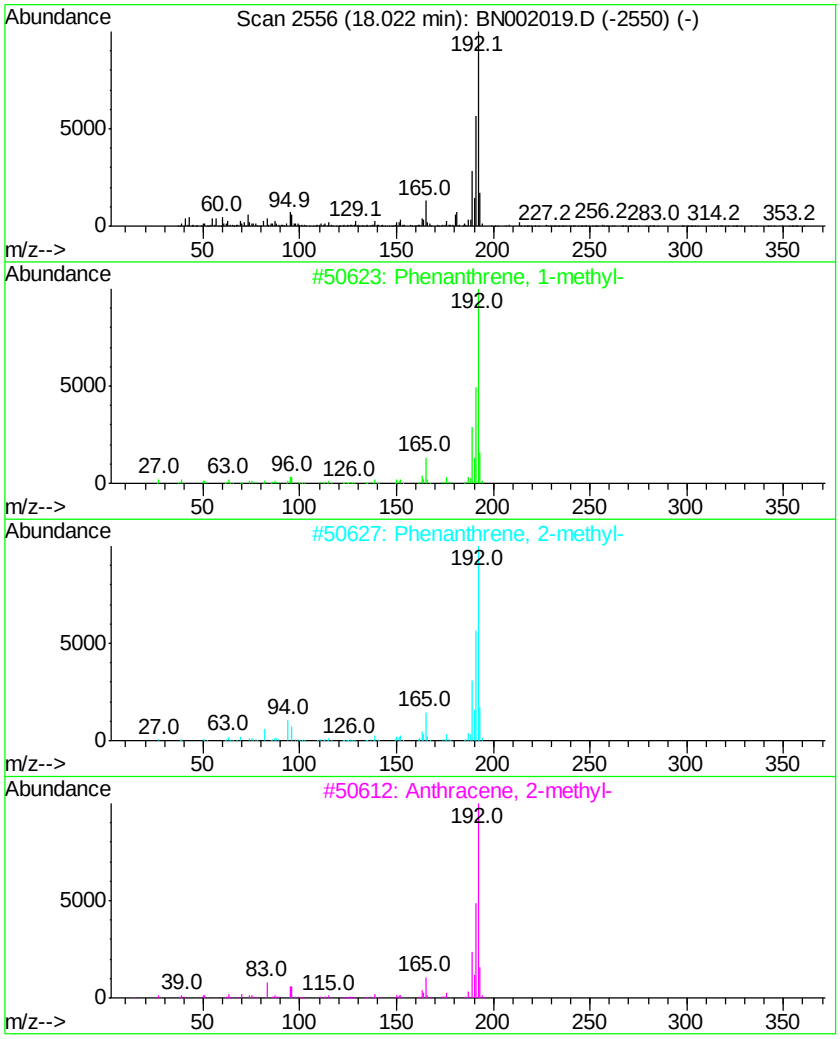
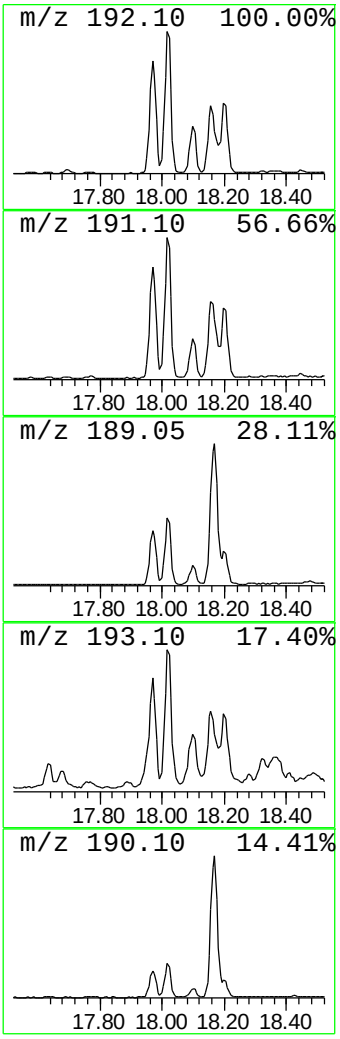
Peak Number 9 Phenanthrene, 1-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.02	15.10 ng/ul	5819010	Phenanthrene-d10	17.10

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





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Instrument : BNA_N
ClientSampleId : DAZP1

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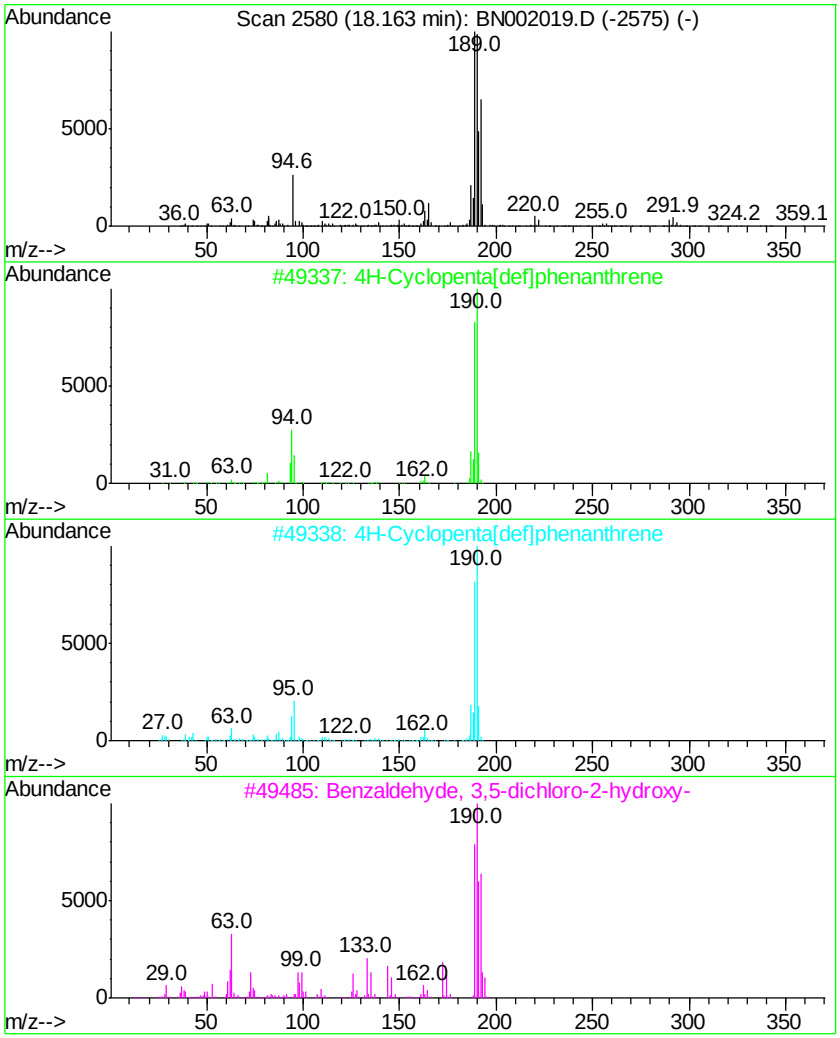
Quant Title : SVOA CALIBRATION

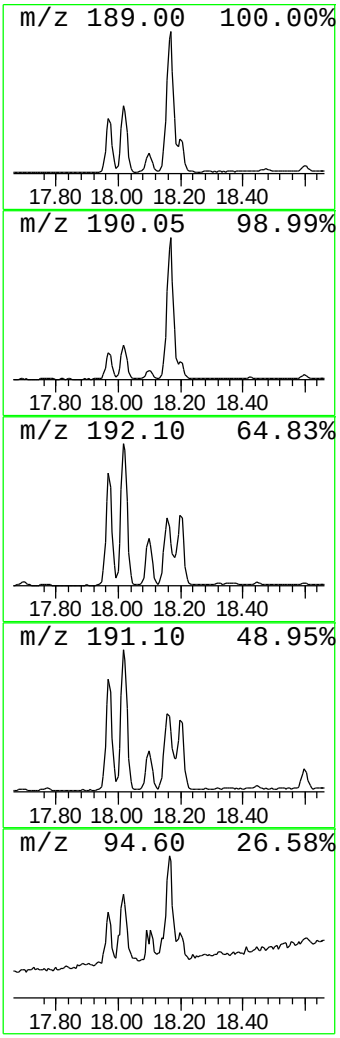
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.16	11.02 ng/ul	4244010	Phenanthrene-d10	17.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	53
3	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	50
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	35
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	35





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Sample : J3775-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAZP1

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Quant Title : SVOA CALIBRATION

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

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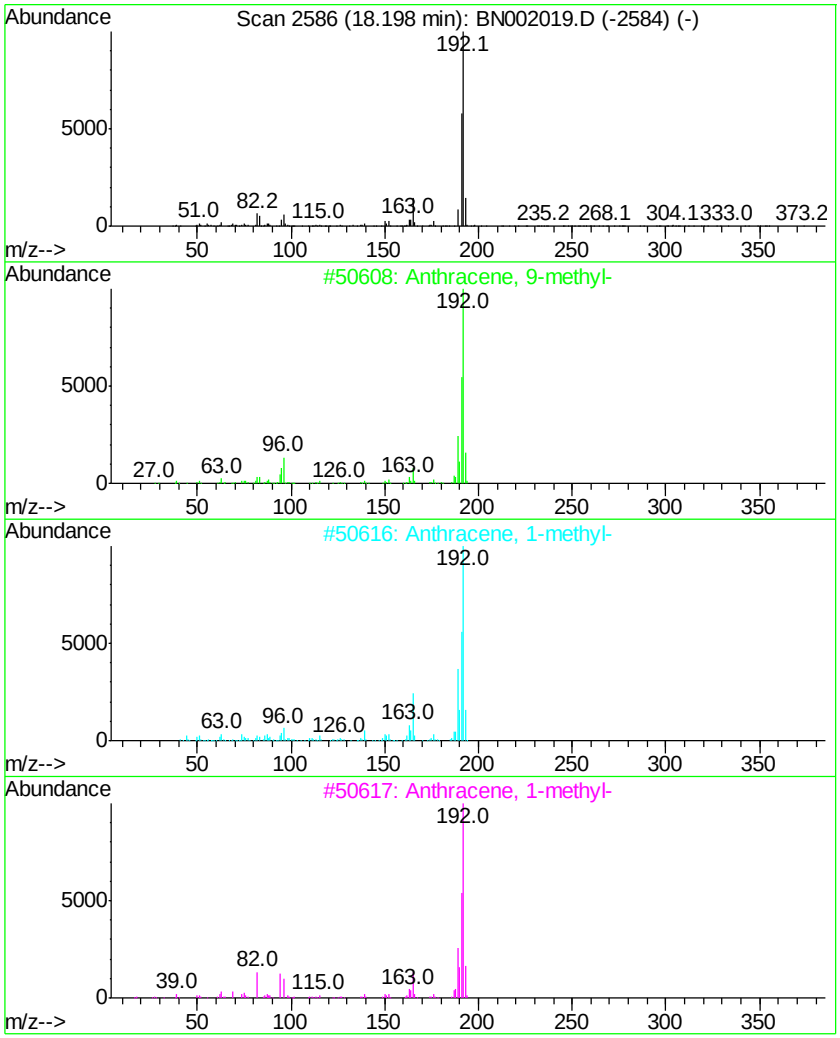
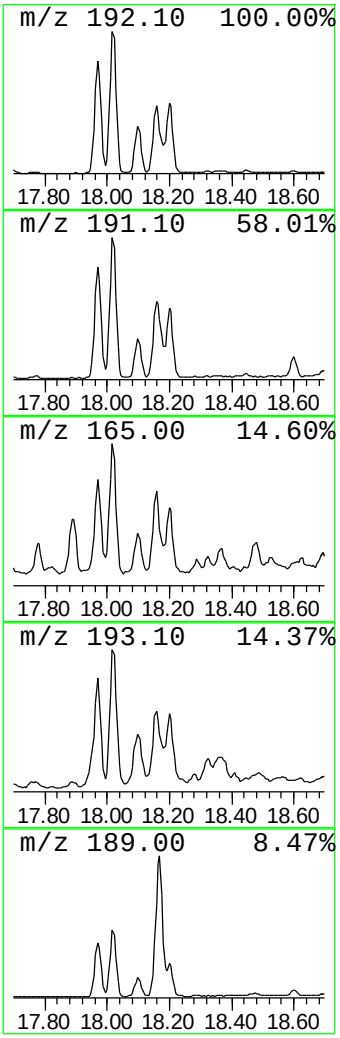
Peak Number 11 Anthracene, 9-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.20	3.80 ng/ul	1463410	Phenanthrene-d10	17.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-methyl-	192	C15H12	000779-02-2	90
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	90
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	90
4	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	90
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90





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Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_N
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Quant Title : SVOA CALIBRATION

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

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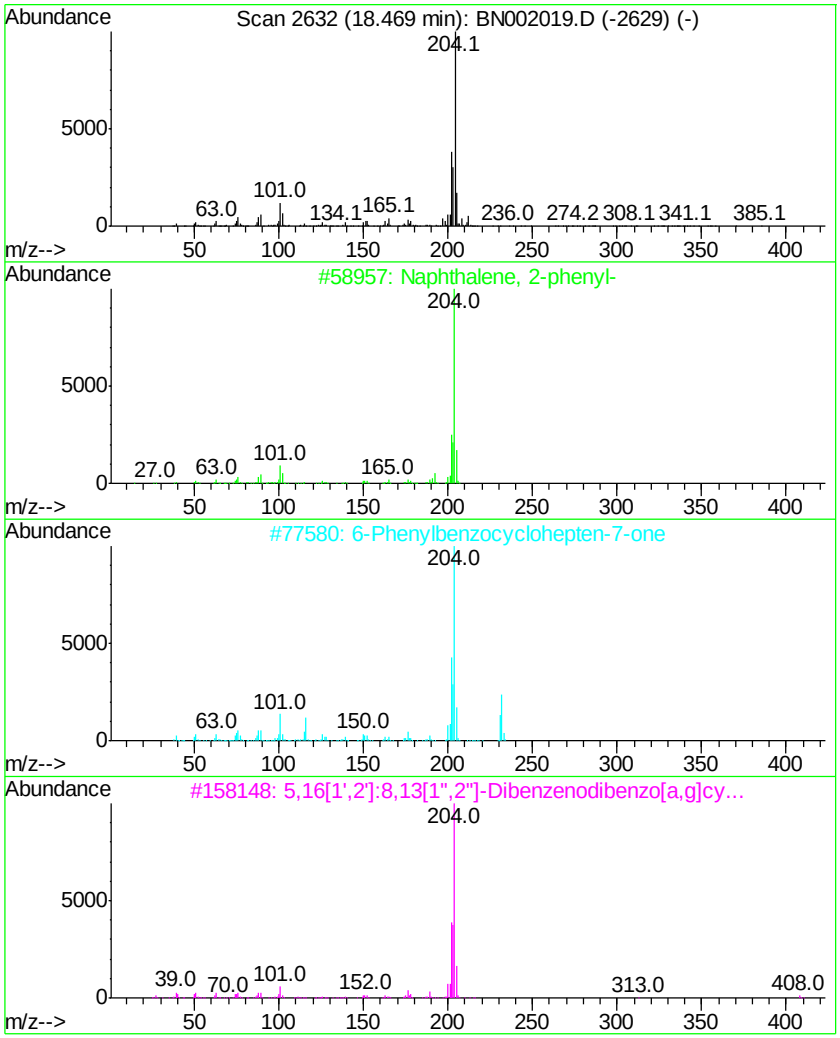
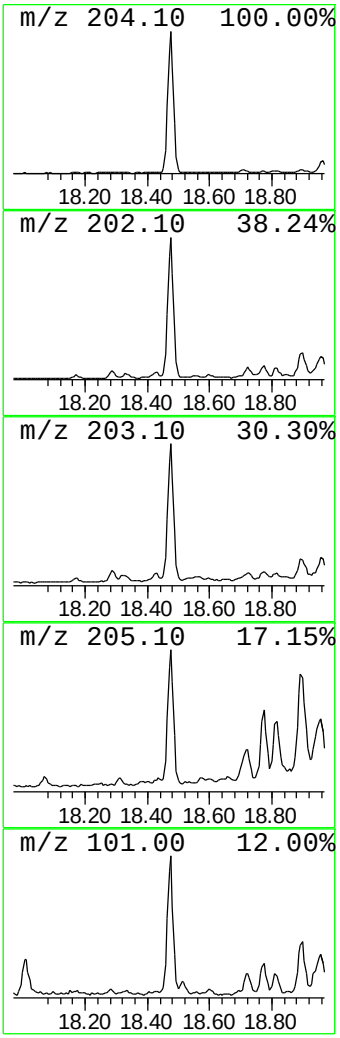
Peak Number 12 Naphthalene, 2-phenyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.47	5.04 ng/ul	1941690	Phenanthrene-d10	17.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	92
2	6-Phenylbenzocyclohepten-7-one	232	C17H12O	093327-56-1	90
3	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	86
4	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	86
5	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	78





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Quant Title : SVOA CALIBRATION

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

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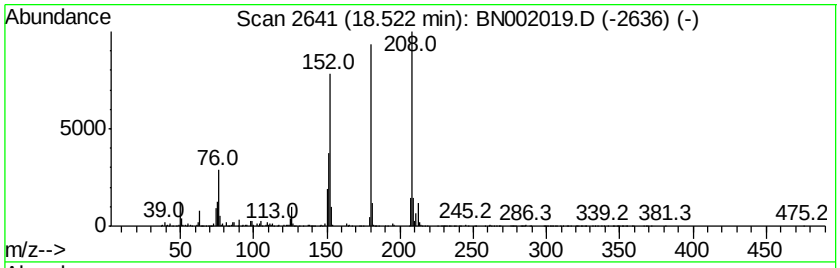
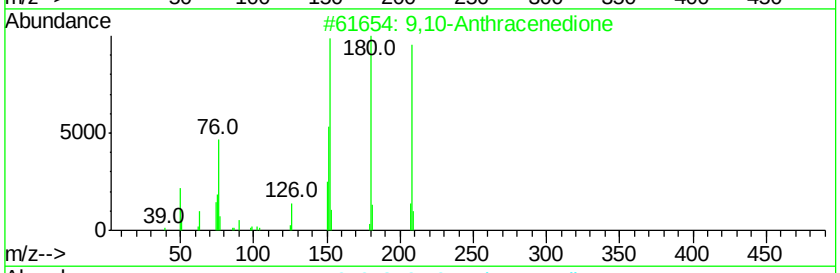
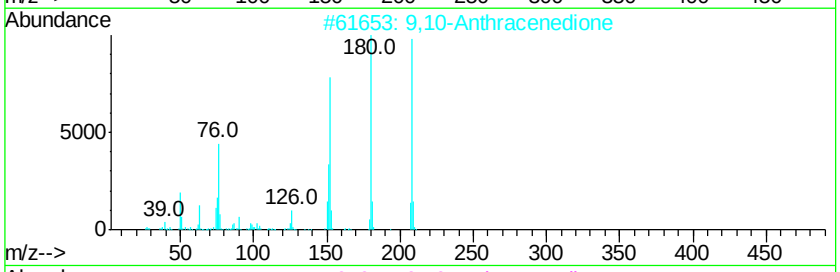
Peak Number 13 9,10-Anthracenedione Concentration Rank 5

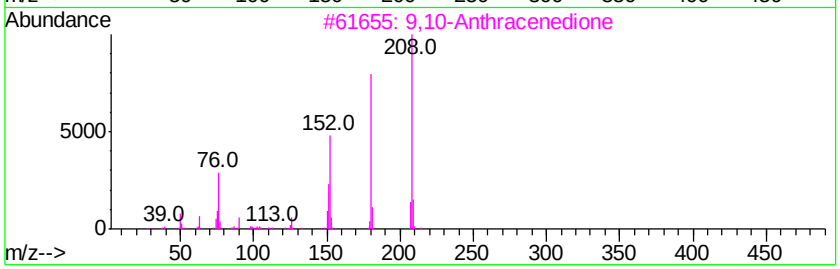
R.T.	EstConc	Area	Relative to ISTD	R.T.
18.52	6.75 ng/ul	2601480	Phenanthrene-d10	17.10

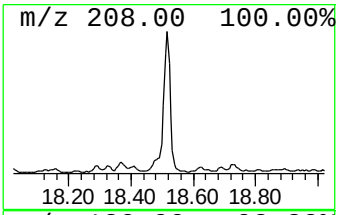
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	98
2	9,10-Anthracenedione	208	C14H8O2	000084-65-1	95
3	9,10-Anthracenedione	208	C14H8O2	000084-65-1	94
4	1H-Phenalen-1-one	180	C13H8O	000548-39-0	83
5	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	64

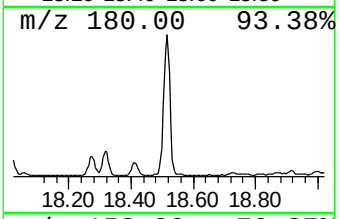


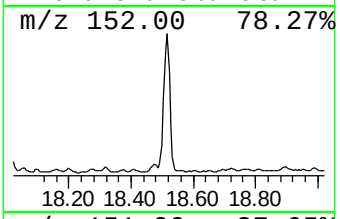


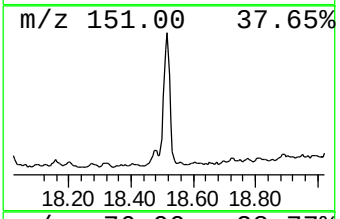


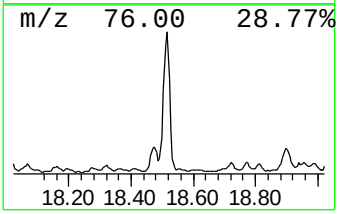












Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071118\
Data File : BN002019.D
Acq On : 11 Jul 2018 20:08
Operator : JU/SJ
Sample : J3775-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAZP1

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

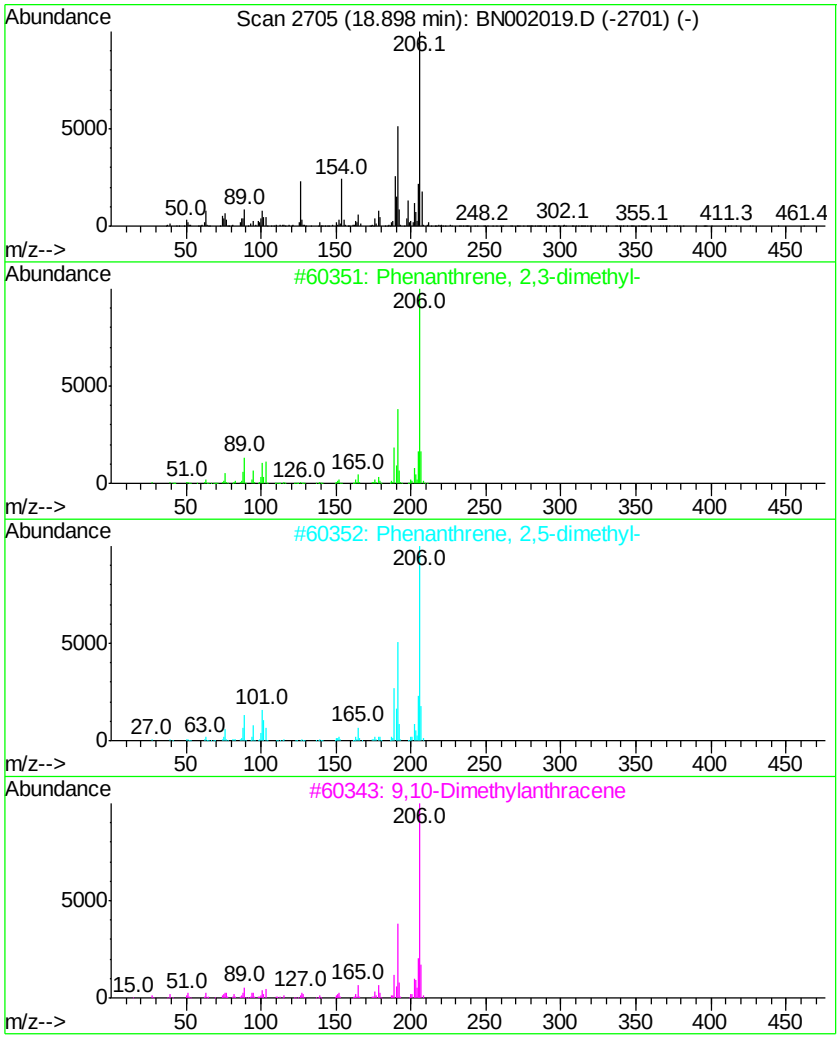
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

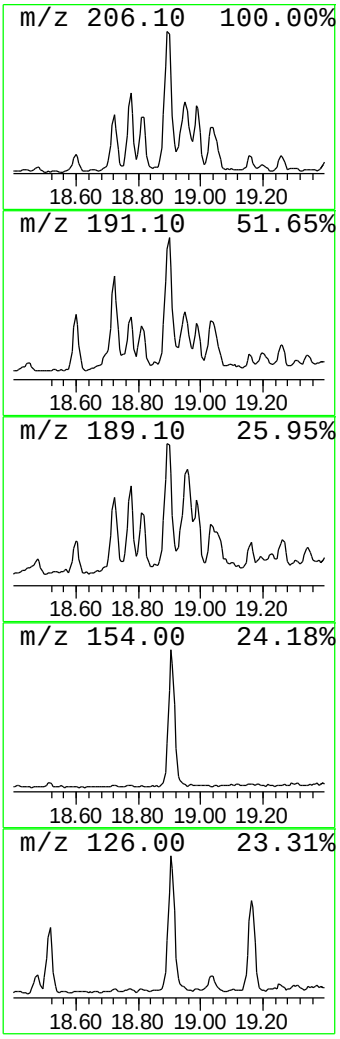
****

Peak Number 14 Phenanthrene, 2,3-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.90	4.44 ng/ul	1711090	Phenanthrene-d10	17.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	89
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	89
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	86
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	83
5	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	78





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Acq On : 11 Jul 2018 20:08
Operator : JU/SJ
Sample : J3775-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAZP1

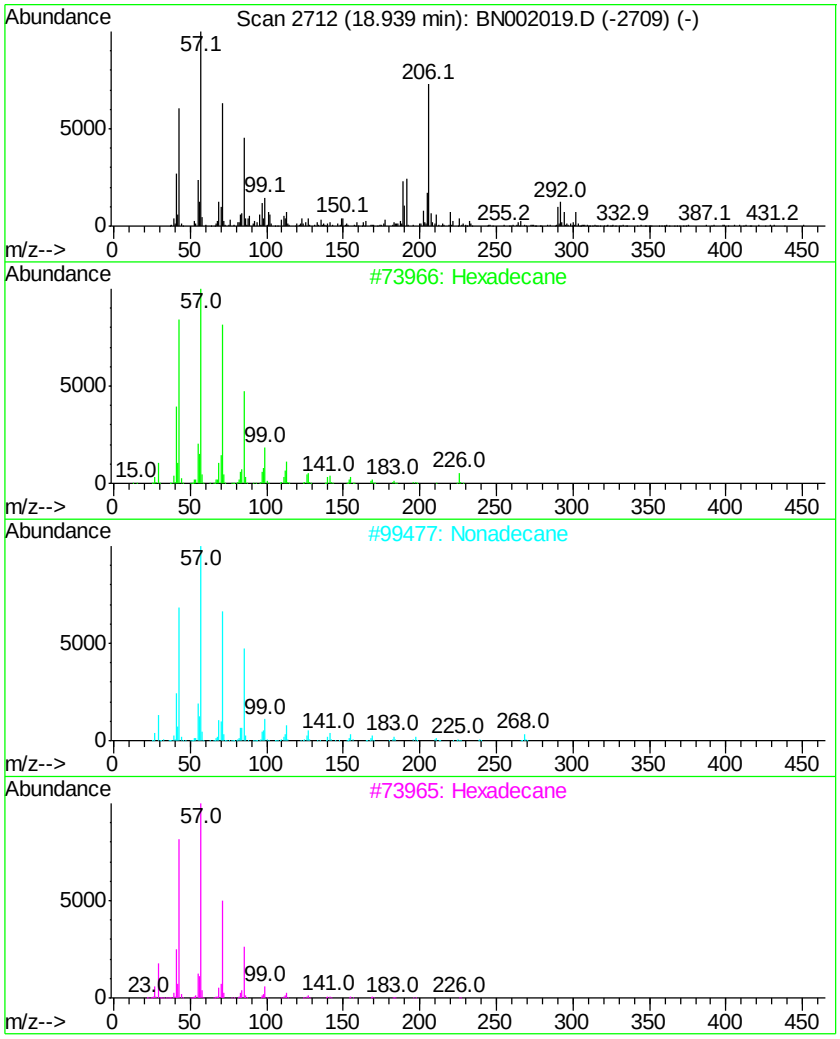
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061918.M
Quant Title : SVOA CALIBRATION

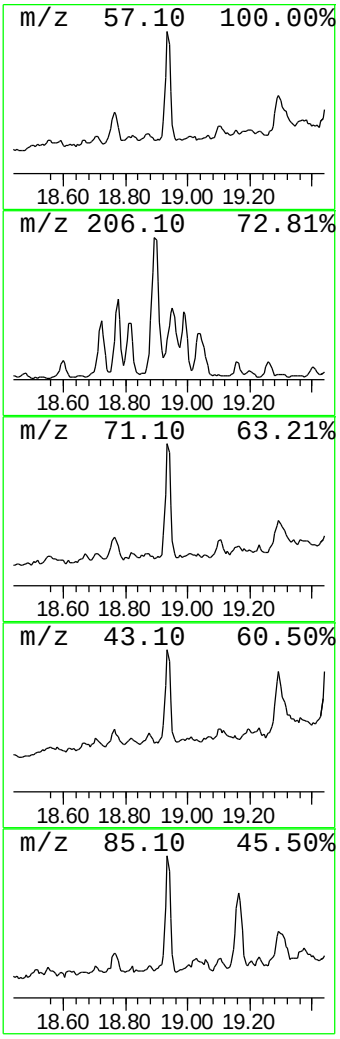
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.94	3.28 ng/ul	1263180	Phenanthrene-d10	17.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	91
2	Nonadecane	268	C19H40	000629-92-5	84
3	Hexadecane	226	C16H34	000544-76-3	83
4	Hexadecane	226	C16H34	000544-76-3	55
5	Hexadecane	226	C16H34	000544-76-3	44





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Data File : BN002019.D
Acq On : 11 Jul 2018 20:08
Operator : JU/SJ
Sample : J3775-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAZP1

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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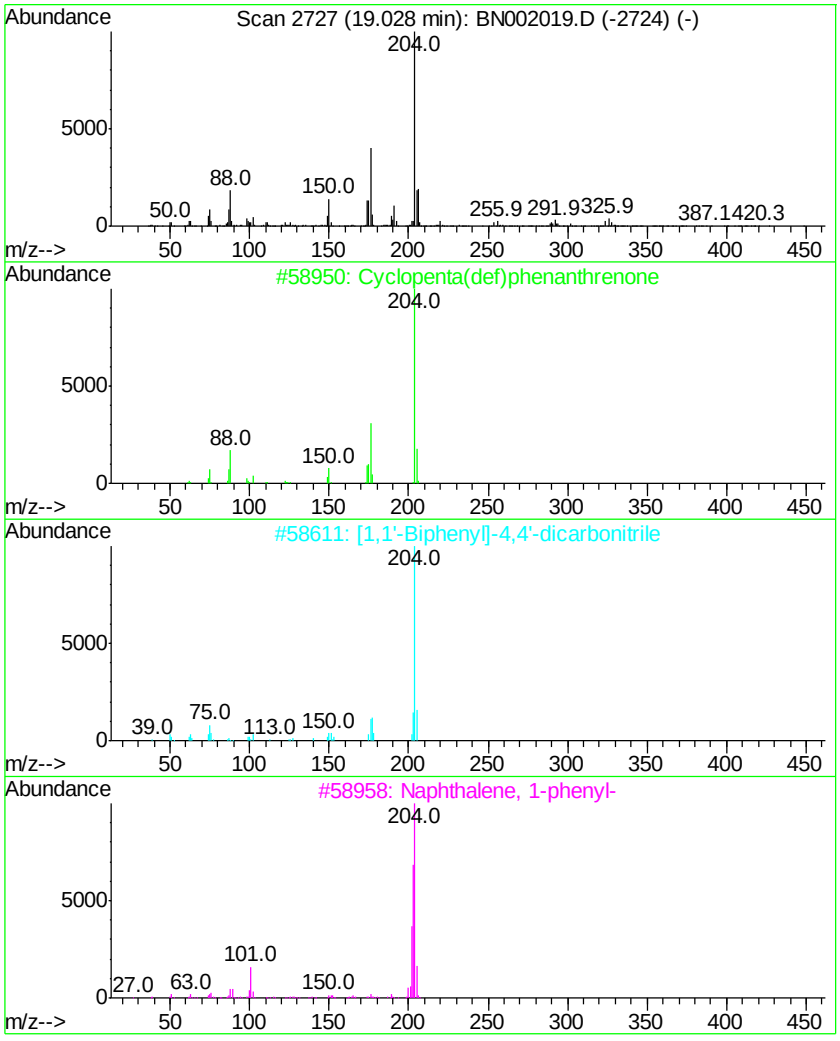
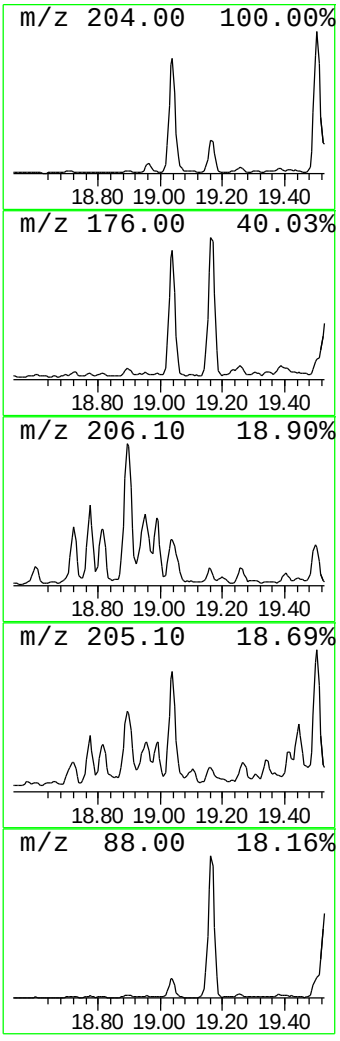
Peak Number 16 Cyclopenta(def)phenanthrenone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.03	8.52 ng/ul	3282040	Phenanthrene-d10	17.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	97
2	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	47
3	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	46
4	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	45
5	4(equat)-(but-3-en-1-ynyl)-2(axi...	219	C14H21NO	038423-22-2	45





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071118\
Data File : BN002019.D
Acq On : 11 Jul 2018 20:08
Operator : JU/SJ
Sample : J3775-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAZP1

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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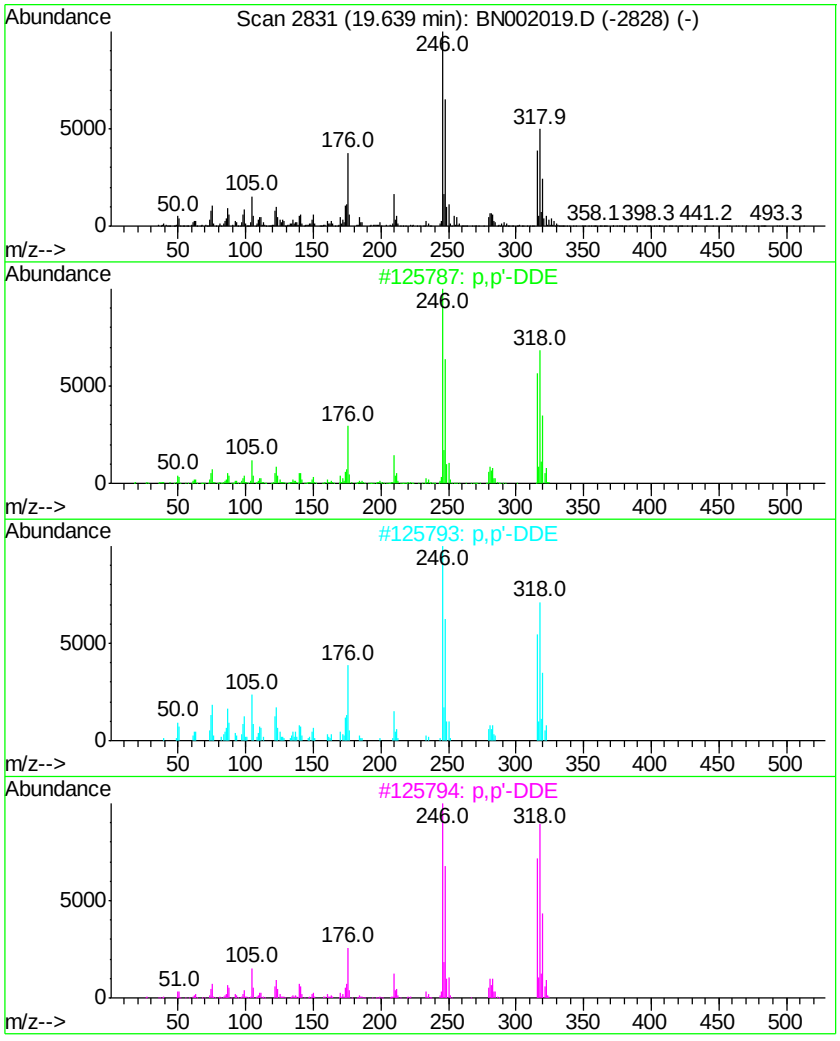
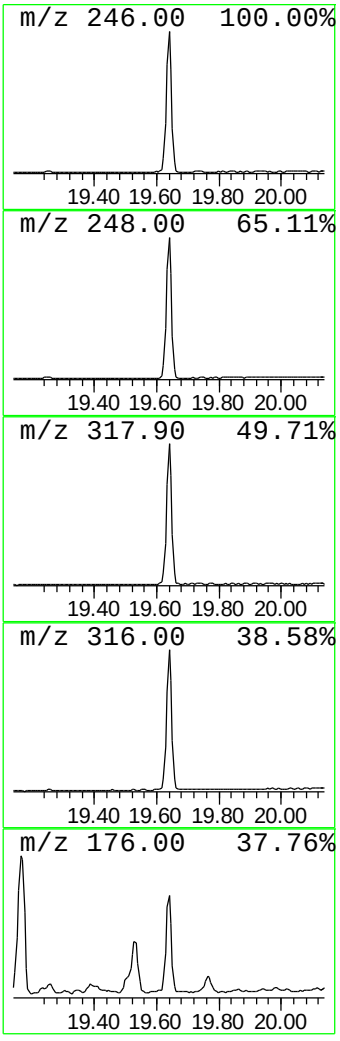
Peak Number 17 p,p'-DDE Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.64	3.17 ng/ul	3522050	Chrysene-d12	21.30

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	o,p'-DDE	316	C14H8Cl4	003424-82-6	98





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Data File : BN002019.D
Acq On : 11 Jul 2018 20:08
Operator : JU/SJ
Sample : J3775-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAZP1

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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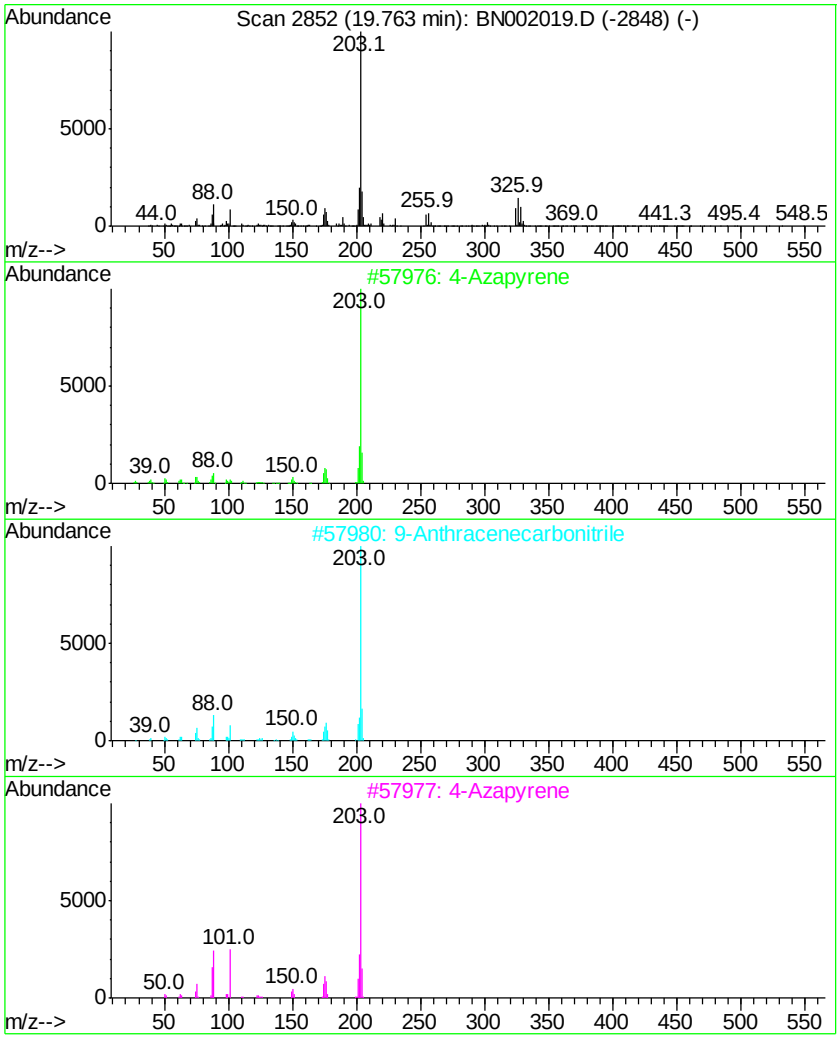
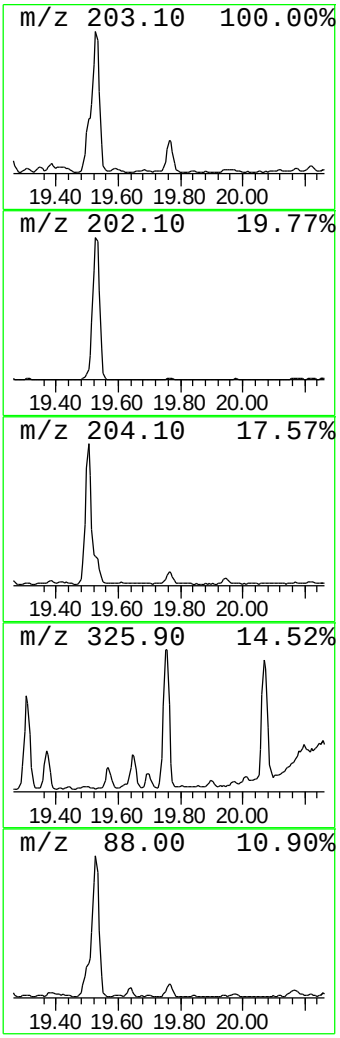
Peak Number 18 4-Azapyrene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.76	2.42 ng/ul	2689140	Chrysene-d12	21.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Azapyrene	203	C15H9N	000194-03-6	81
2	9-Anthracenecarbonitrile	203	C15H9N	001210-12-4	51
3	4-Azapyrene	203	C15H9N	000194-03-6	49
4	9-(Cyanomethylene)fluorene	203	C15H9N	004425-74-5	38
5	Acenaphtho(1,2-B)pyridine	203	C15H9N	000206-49-5	38





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071118\
Data File : BN002019.D
Acq On : 11 Jul 2018 20:08
Operator : JU/SJ
Sample : J3775-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAZP1

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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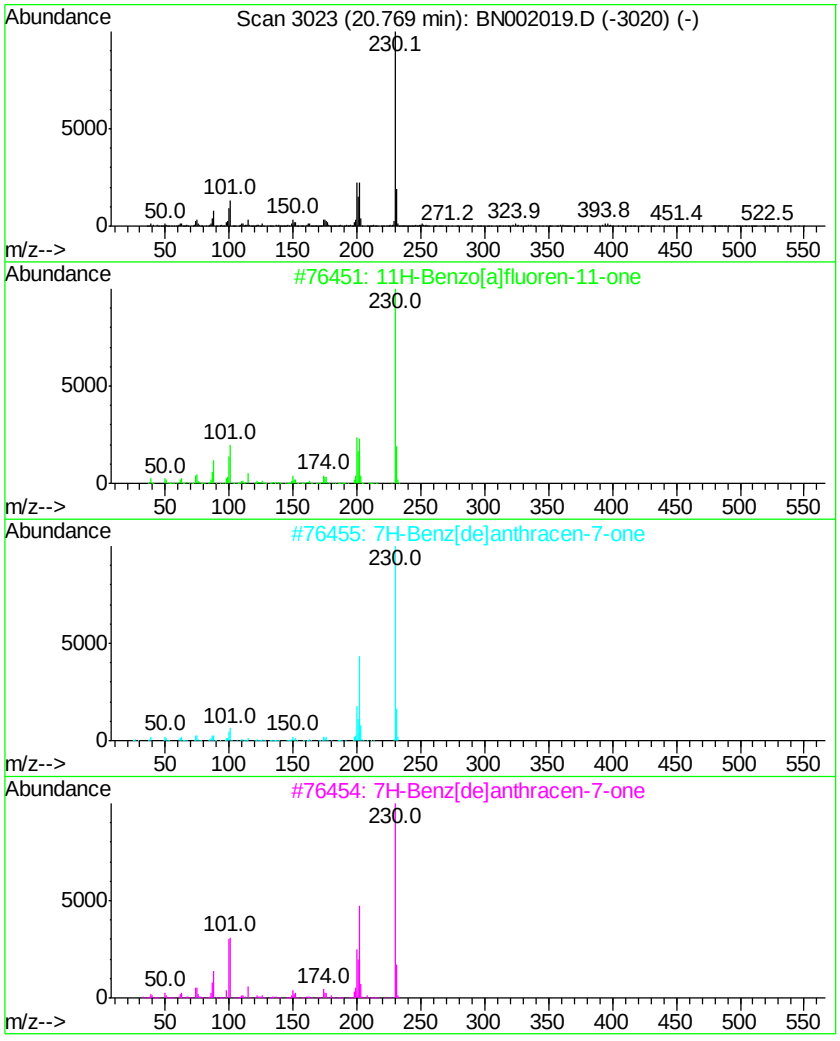
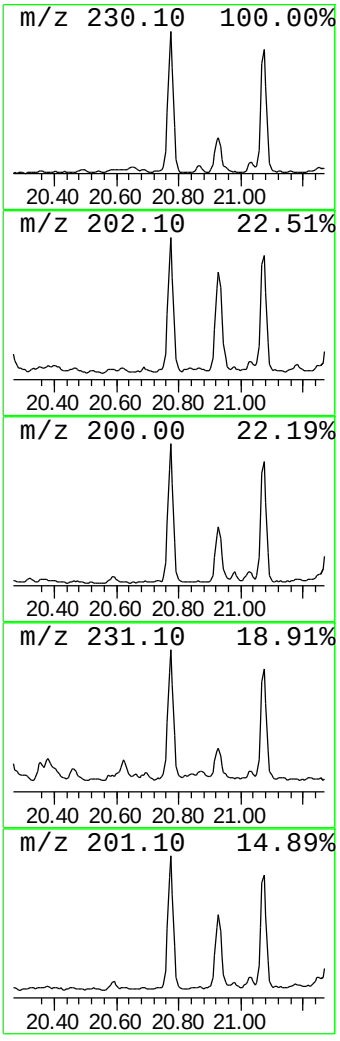
Peak Number 19 11H-Benzo[a]fluoren-11-one Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.77	4.13 ng/ul	4590140	Chrysene-d12	21.30

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	87
4	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	83
5	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	76





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Data File : BN002019.D
Acq On : 11 Jul 2018 20:08
Operator : JU/SJ
Sample : J3775-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAZP1

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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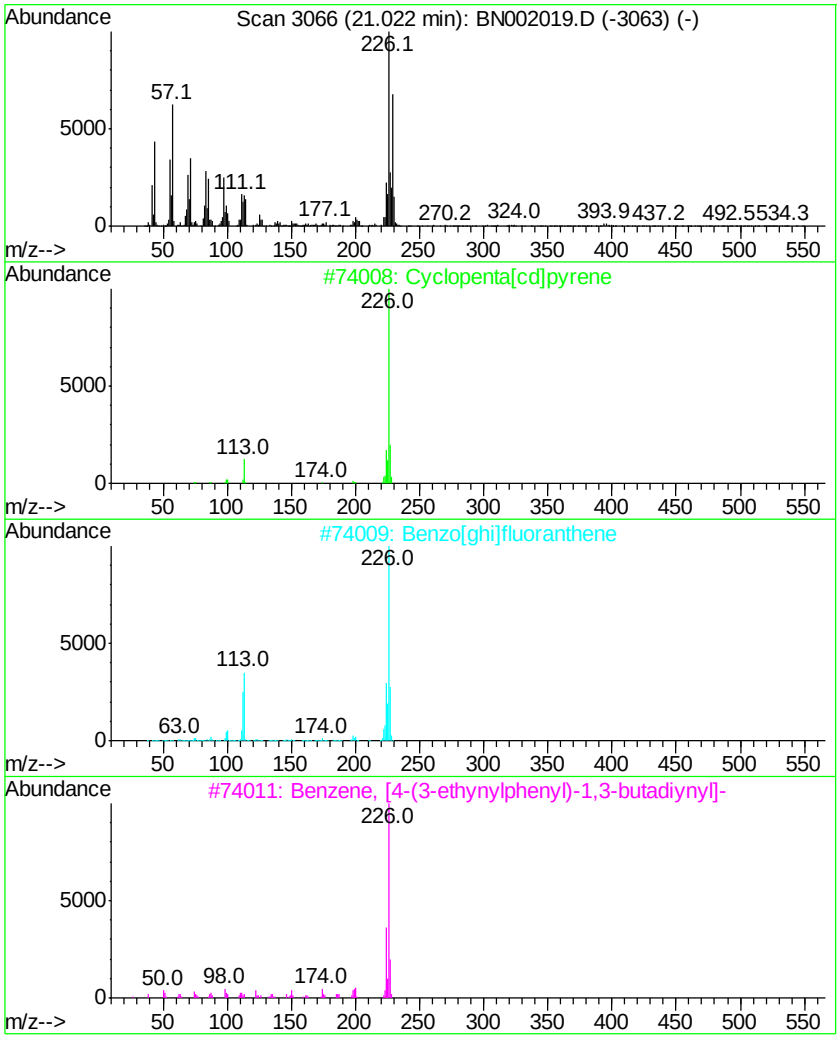
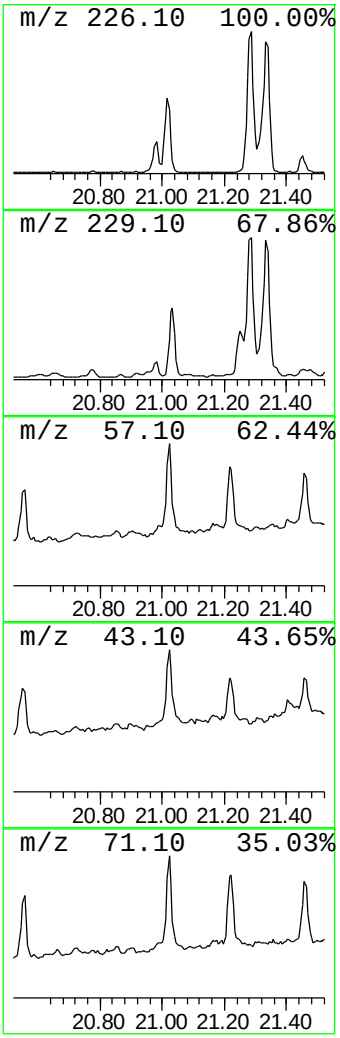
Peak Number 20 unknown-01 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.02	3.32 ng/ul	3690690	Chrysene-d12	21.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	38
2	Benzo[ghi]fluoranthene	226	C18H10	000203-12-3	38
3	Benzene, [4-(3-ethynylphenyl)-1,...	226	C18H10	1000115-87-3	35
4	Benz[c]acridine	229	C17H11N	000225-51-4	30
5	5(10H)-Pyrido[3,4-b]quinolone, 7...	226	C13H10N2O2	1000256-99-5	27





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN071118\
Data File : BN002019.D
Acq On : 11 Jul 2018 20:08
Operator : JU/SJ
Sample : J3775-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAZP1

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	33.6	ng/ul	5697710	1	7.72	3394480	20.0
(DEL) Alkane: Str...	16.07	3.6	ng/ul	1379530	4	17.10	7705630	20.0
9H-Fluoren-9-one	16.75	4.6	ng/ul	1784060	4	17.10	7705630	20.0
(DEL) Alkane: Str...	16.86	2.6	ng/ul	1010600	4	17.10	7705630	20.0
Dibenzothiophene	16.92	4.1	ng/ul	1590500	4	17.10	7705630	20.0
(DEL) Alkane: Str...	17.60	3.2	ng/ul	1247550	4	17.10	7705630	20.0
Anthrone	17.67	2.4	ng/ul	921044	4	17.10	7705630	20.0
Anthracene, 1-met...	17.97	5.9	ng/ul	2272150	4	17.10	7705630	20.0
Phenanthrene, 1-m...	18.02	15.1	ng/ul	5819010	4	17.10	7705630	20.0
4H-Cyclopenta[def...	18.16	11.0	ng/ul	4244010	4	17.10	7705630	20.0
Anthracene, 9-met...	18.20	3.8	ng/ul	1463410	4	17.10	7705630	20.0
Naphthalene, 2-ph...	18.47	5.0	ng/ul	1941690	4	17.10	7705630	20.0
9,10-Anthracenedione	18.52	6.8	ng/ul	2601480	4	17.10	7705630	20.0
Phenanthrene, 2,3...	18.90	4.4	ng/ul	1711090	4	17.10	7705630	20.0
(DEL) Alkane: Str...	18.94	3.3	ng/ul	1263180	4	17.10	7705630	20.0
Cyclopenta(def)ph...	19.03	8.5	ng/ul	3282040	4	17.10	7705630	20.0
p,p'-DDE	19.64	3.2	ng/ul	3522050	5	21.30	22231500	20.0
4-Azapyrene	19.76	2.4	ng/ul	2689140	5	21.30	22231500	20.0
11H-Benzo[a]fluor...	20.77	4.1	ng/ul	4590140	5	21.30	22231500	20.0
unknown-01	21.02	3.3	ng/ul	3690690	5	21.30	22231500	20.0