LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091218\
Data File : BN002664.D
Acq On : 12 Sep 2018 20:38
Operator : JU/SJ
Sample : J4792-16
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A3YY5

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 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-BN081318MA.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	3.728	121	126	134	rBV	126885	168974	2.11%	0.165%
2	4.828	308	313	323	rBV	189664	273359	3.42%	0.266%
3	6.846	646	656	672	rBV	515706	912020	11.41%	0.888%
4	7.005	674	683	696	rVV	416892	670800	8.39%	0.653%
5	7.199	709	716	727	rVB	512964	817059	10.22%	0.796%
6	7.658	787	794	802	rBV	772984	1268272	15.87%	1.235%
7	8.369	908	915	928	rBV	623268	1071206	13.40%	1.043%
8	8.810	983	990	999	rBV	526821	890246	11.14%	0.867%
9	9.522	1105	1111	1124	rBV	352450	617143	7.72%	0.601%
10	10.063	1196	1203	1214	rBV	543046	986417	12.34%	0.961%
11	10.428	1258	1265	1271	rBV	1157422	1952451	24.43%	1.902%
12	10.481	1271	1274	1280	rVB	99661	149396	1.87%	0.146%
13	10.575	1280	1290	1307	rBV	376606	725998	9.08%	0.707%
14	12.099	1542	1549	1555	rVB	87586	139531	1.75%	0.136%
15	12.316	1580	1586	1593	rVB	97376	156010	1.95%	0.152%
16	13.469	1772	1782	1789	rBV4	51813	137667	1.72%	0.134%
17	13.610	1800	1806	1811	rBV	115160	207167	2.59%	0.202%
18	13.663	1811	1815	1817	rVV	66917	90244	1.13%	0.088%
19	13.704	1817	1822	1826	rVV	1241316	1760366	22.02%	1.715%
20	13.751	1826	1830	1838	rVB	686261	982900	12.30%	0.957%
21	13.851	1839	1847	1850	rBV2	59433	103352	1.29%	0.101%
22	13.981	1863	1869	1884	rBV	1431304	2339379	29.27%	2.279%
23	14.293	1911	1922	1928	rBV2	1639385	2612084	32.68%	2.544%
24	14.357	1928	1933	1941	rVB	421370	654270	8.19%	0.637%
25	14.504	1953	1958	1967	rBV4	37049	94759	1.19%	0.092%
26	14.604	1967	1975	1980	rBV3	78896	156918	1.96%	0.153%
27	14.693	1985	1990	1998	rVV	195424	342317	4.28%	0.333%
28	14.775	2000	2004	2009	rVB	60252	86926	1.09%	0.085%
29	14.916	2022	2028	2032	rBV3	64260	120114	1.50%	0.117%
30	15.087	2051	2057	2060	rBV4	74087	144448	1.81%	0.141%
31	15.157	2065	2069	2077	rVB2	91038	128070	1.60%	0.125%
32	15.287	2086	2091	2097	rBV	1763359	2568772	32.14%	2.502%
33	15.345	2097	2101	2106	rVB	387079	523257	6.55%	0.510%
34	15.440	2113	2117	2119	rBV2	79156	115278	1.44%	0.112%

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Operator : JU/SJ
Sample : J4792-16
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A3YY5

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 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-BN081318MA.M
Title : SVOA CALIBRATION

35	15.469	2119	2122	2125	rVV	114730	147370	1.84%	0.144%
36	15.510	2125	2129	2132	rVV3	72679	114311	1.43%	0.111%
37	15.557	2134	2137	2141	rVV2	82508	116187	1.45%	0.113%
38	15.640	2148	2151	2159	rVB	114713	218166	2.73%	0.213%
39	15.787	2172	2176	2184	rVB	85748	180960	2.26%	0.176%
40	16.022	2212	2216	2218	rBV2	210364	303146	3.79%	0.295%
41	16.398	2277	2280	2286	rBV4	96120	157616	1.97%	0.154%
42	16.698	2328	2331	2337	rVB	194350	272136	3.40%	0.265%
43	16.863	2355	2359	2369	rVB	428186	684982	8.57%	0.667%
44	17.045	2385	2390	2393	rBV	1754251	2655706	33.22%	2.587%
45	17.086	2393	2397	2402	rVV	4816508	6654155	83.25%	6.482%
46	17.145	2402	2407	2410	rVV	1776908	2790291	34.91%	2.718%
47	17.175	2410	2412	2418	rVB	999893	1214925	15.20%	1.183%
48	17.451	2456	2459	2469	rBV2	239470	473327	5.92%	0.461%
49	17.557	2473	2477	2482	rVB3	320625	527304	6.60%	0.514%
50	17.916	2534	2538	2542	rBV	786070	1119132	14.00%	1.090%
51	17.969	2543	2547	2553	rVB	1034604	1499066	18.75%	1.460%
52	18.051	2557	2561	2566	rVV	371275	653436	8.17%	0.636%
53	18.110	2567	2571	2575	rVV2	1089241	2044985	25.58%	1.992%
54	18.151	2575	2578	2583	rVB	755060	998174	12.49%	0.972%
55	18.422	2621	2624	2628	rVB	642529	802465	10.04%	0.782%
56	18.469	2629	2632	2638	rVV2	422074	603863	7.55%	0.588%
57	18.669	2663	2666	2670	rVB2	753210	890755	11.14%	0.868%
58	18.939	2709	2712	2717	rVB	727046	856303	10.71%	0.834%
59	19.110	2736	2741	2748	rBV	5132495	6930803	86.71%	6.751%
60	19.445	2793	2798	2800	rBV2	2383779	3573821	44.71%	3.481%
61	19.475	2800	2803	2812	rVV	5373567	7993305	100.00%	7.786%
62	19.557	2812	2817	2822	rVB2	868838	1443114	18.05%	1.406%
63	19.639	2828	2831	2841	rBV5	579247	1358381	16.99%	1.323%
64	19.898	2871	2875	2879	rVB	4086843	4867476	60.89%	4.741%
65	20.116	2909	2912	2913	rBV2	511304	567463	7.10%	0.553%
66	20.386	2954	2958	2962	rBV3	1926134	2394674	29.96%	2.333%
67	20.433	2962	2966	2972	rVB	2644882	3268654	40.89%	3.184%
68	20.727	3013	3016	3021	rVB2	756343	977582	12.23%	0.952%
69	21.239	3098	3103	3108	rBV2	2704902	5569795	69.68%	5.425%
70	21.286	3108	3111	3119	rVB	2391954	3080994	38.54%	3.001%
71	21.563	3155	3158	3163	rVB2	1090319	1331868	16.66%	1.297%

LSC Area Percent Report

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Sample : J4792-16
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A3YY5

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 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-BN081318MA.M
Title : SVOA CALIBRATION

72	22.810	3366	3370	3375	rBV	1041957	2002930	25.06%	1.951%
73	23.280	3446	3450	3454	rBV	836058	1368434	17.12%	1.333%
74	23.327	3455	3458	3462	rVV	946434	1732302	21.67%	1.687%
75	23.374	3462	3466	3473	rVB	1681074	2928240	36.63%	2.852%
76	23.468	3478	3482	3487	rVB	842255	1325092	16.58%	1.291%

Sum of corrected areas: 102660859

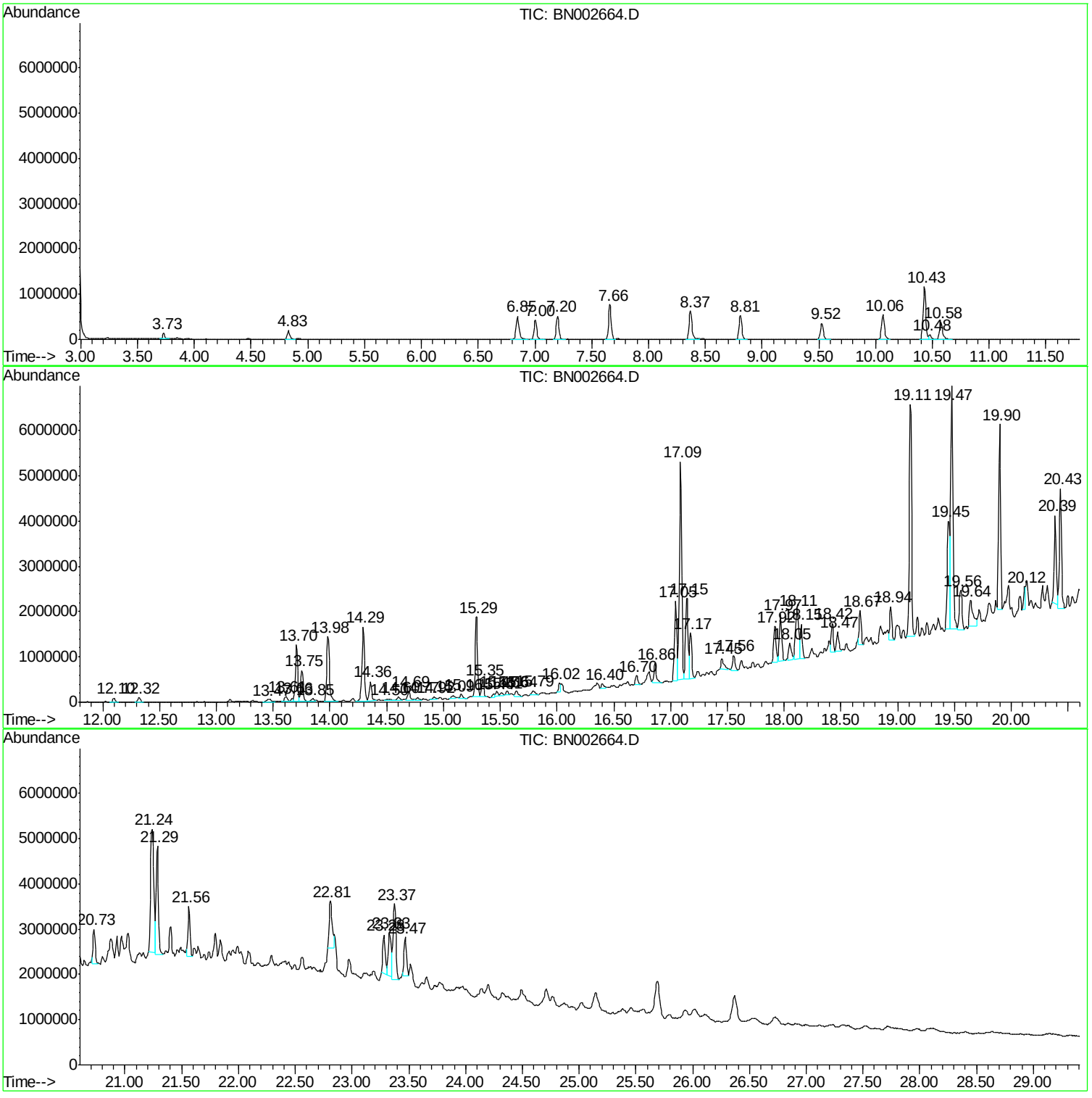
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091218\
Data File : BN002664.D
Acq On : 12 Sep 2018 20:38
Operator : JU/SJ
Sample : J4792-16
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A3YY5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081318MA.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091218\
Data File : BN002664.D
Acq On : 12 Sep 2018 20:38
Operator : JU/SJ
Sample : J4792-16
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A3YY5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081318MA.M
Quant Title : SVOA CALIBRATION

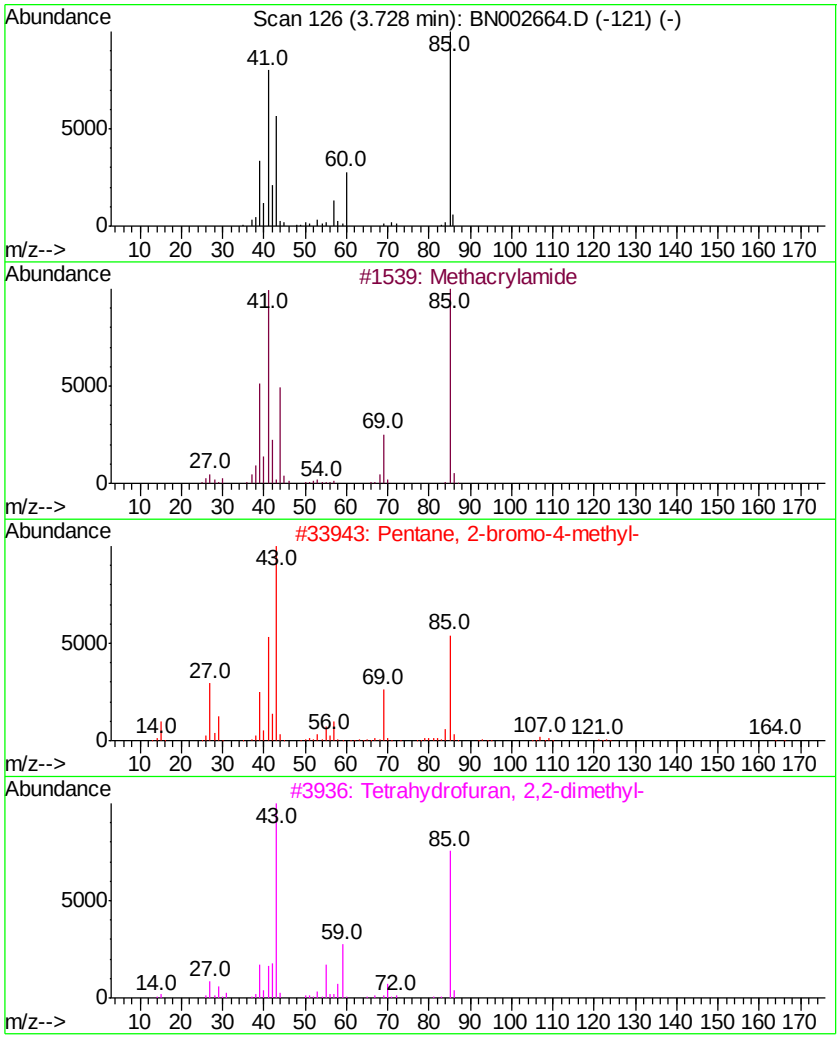
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

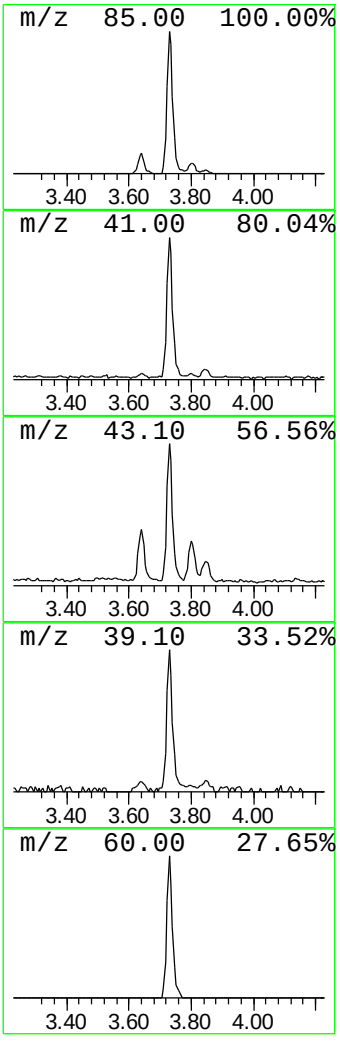
****

Peak Number 1 unknown-01 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.73	2.66 ng/ul	168974	1,4-Dichlorobenzene-d4	7.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methacrylamide	85	C4H7NO	000079-39-0	45
2	Pentane, 2-bromo-4-methyl-	164	C6H13Br	030310-22-6	39
3	Tetrahydrofuran, 2,2-dimethyl-	100	C6H12O	001003-17-4	33
4	2(3H)-Furanone, 5-ethyldihydro-	114	C6H10O2	000695-06-7	28
5	2-Pyrrolidinone	85	C4H7NO	000616-45-5	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091218\
Data File : BN002664.D
Acq On : 12 Sep 2018 20:38
Operator : JU/SJ
Sample : J4792-16
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A3YY5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081318MA.M
Quant Title : SVOA CALIBRATION

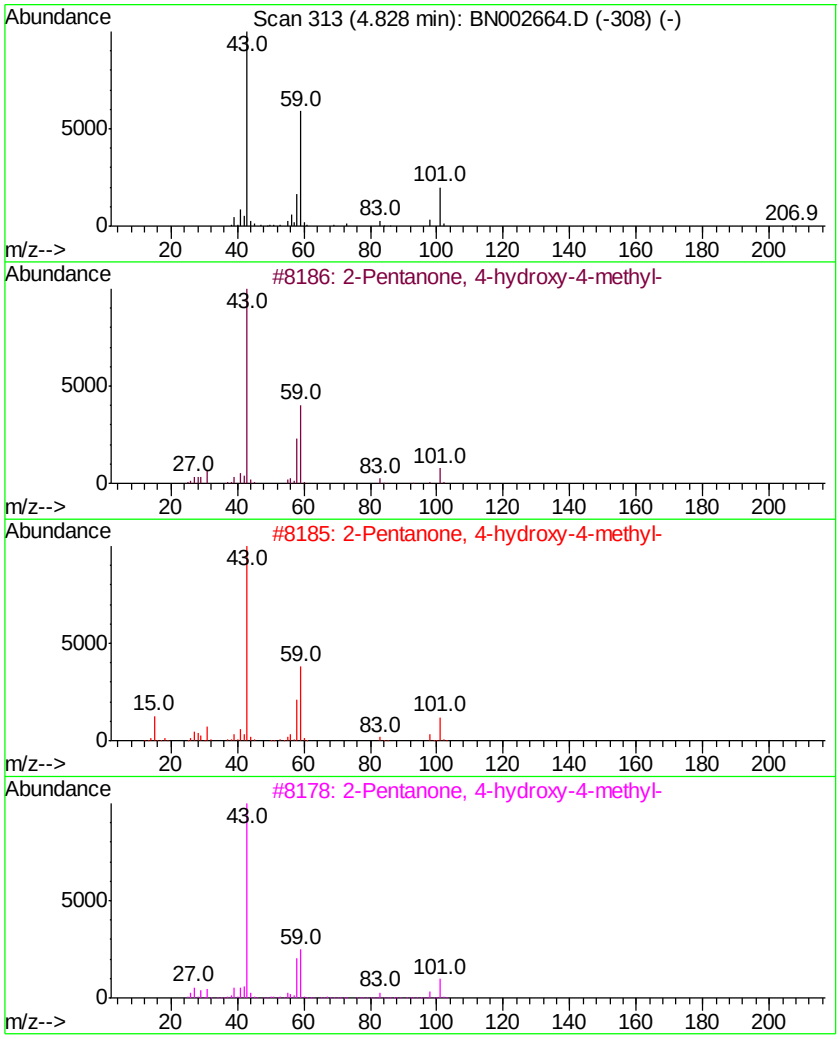
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

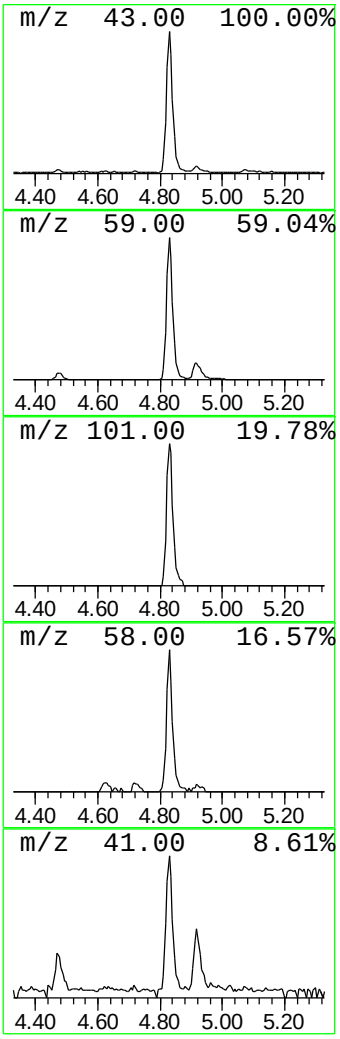
****

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.83	4.31 ng/ul	273359	1,4-Dichlorobenzene-d4	7.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	40
2	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	38
3	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	37
4	n-Propyl t-butyl ether	116	C7H16O	1000334-81-9	33
5	1,3-Dioxolane-2-methanol, 2,4-di...	132	C6H12O3	053951-43-2	25





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091218\
Data File : BN002664.D
Acq On : 12 Sep 2018 20:38
Operator : JU/SJ
Sample : J4792-16
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A3YY5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081318MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
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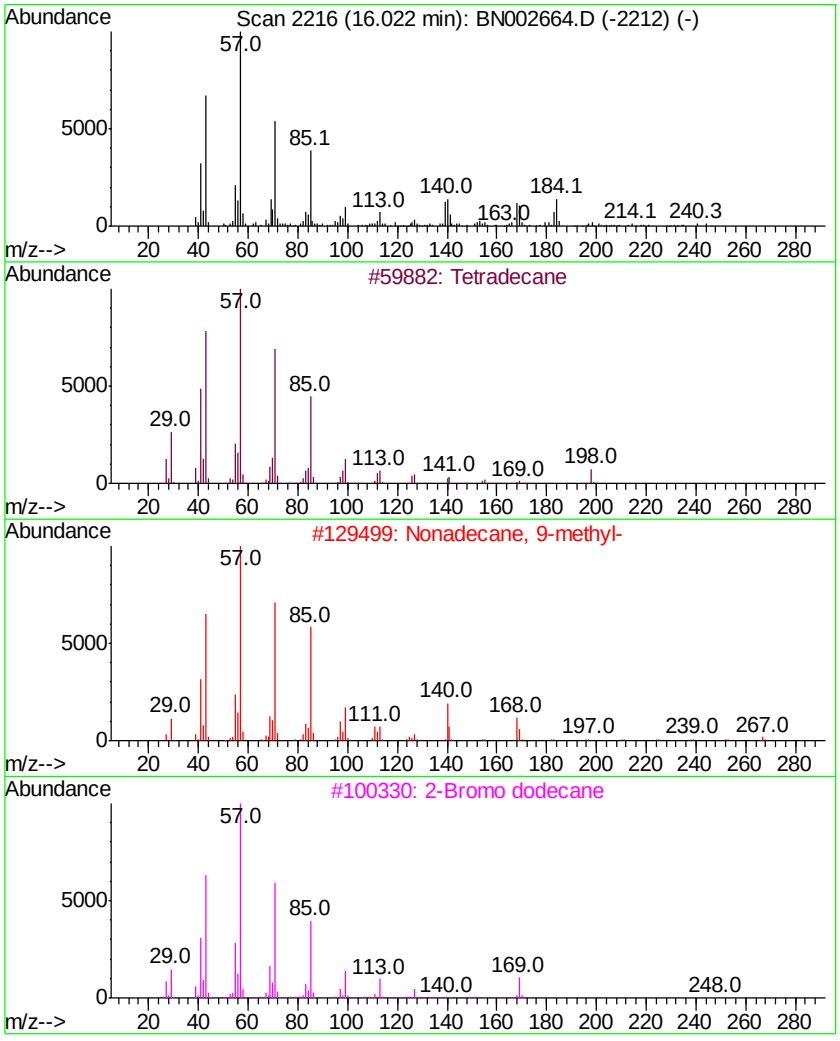
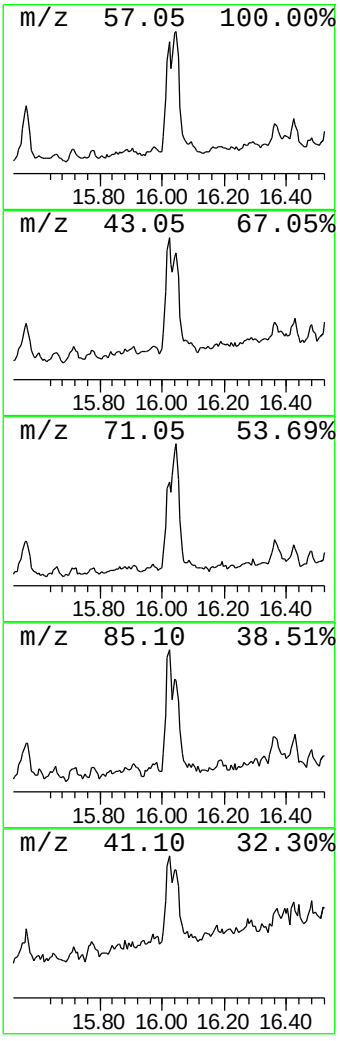
****

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.02	2.28 ng/ul	303146	Phenanthrene-d10	17.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	91
2	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	68
3	2-Bromo dodecane	248	C12H25Br	013187-99-0	62
4	Eicosane	282	C20H42	000112-95-8	62
5	Tridecane	184	C13H28	000629-50-5	62





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091218\
Data File : BN002664.D
Acq On : 12 Sep 2018 20:38
Operator : JU/SJ
Sample : J4792-16
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A3YY5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081318MA.M
Quant Title : SVOA CALIBRATION

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

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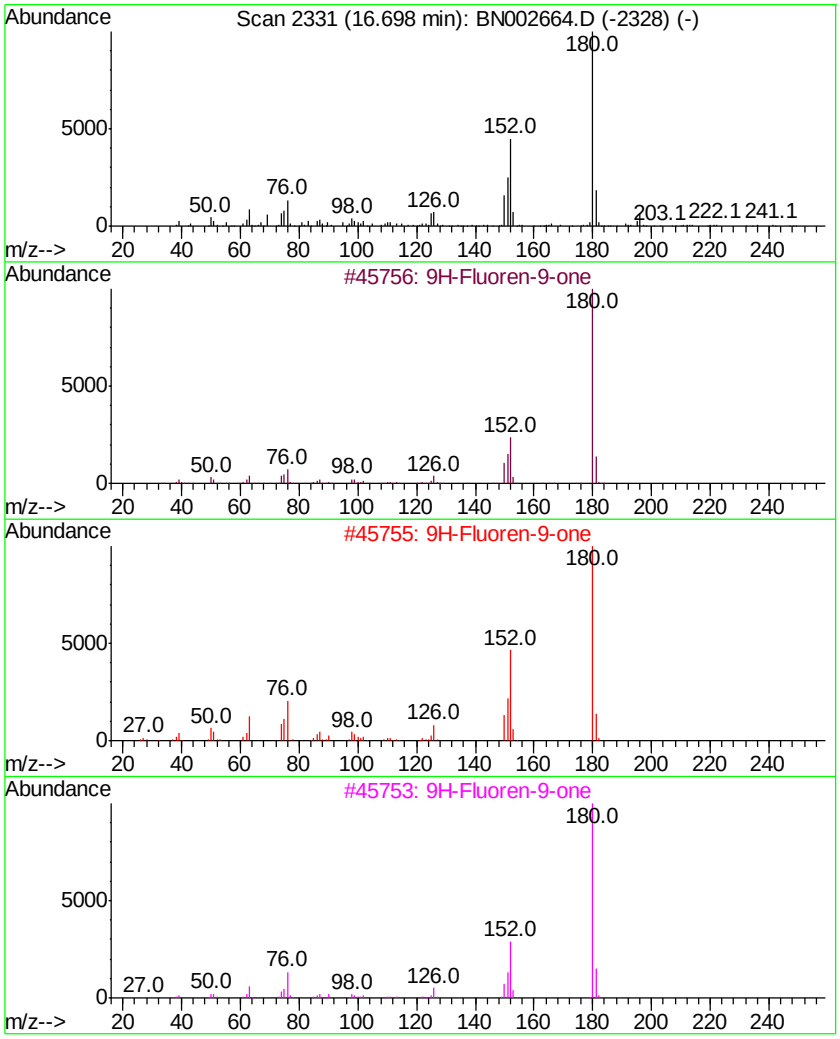
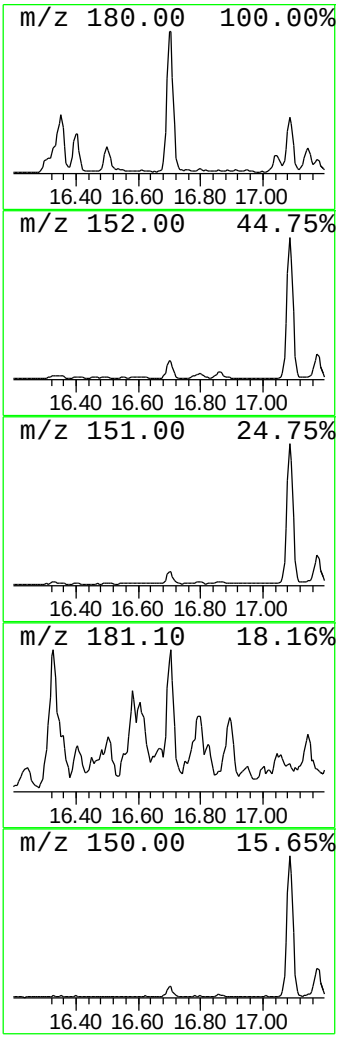
Peak Number 4 9H-Fluoren-9-one Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.70	2.05 ng/ul	272136	Phenanthrene-d10	17.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-one	180	C13H8O	000486-25-9	95
2	9H-Fluoren-9-one	180	C13H8O	000486-25-9	94
3	9H-Fluoren-9-one	180	C13H8O	000486-25-9	93
4	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	90
5	9H-Fluoren-9-one	180	C13H8O	000486-25-9	90





Library Search Compound Report

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Data File : BN002664.D
Acq On : 12 Sep 2018 20:38
Operator : JU/SJ
Sample : J4792-16
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A3YY5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081318MA.M
Quant Title : SVOA CALIBRATION

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

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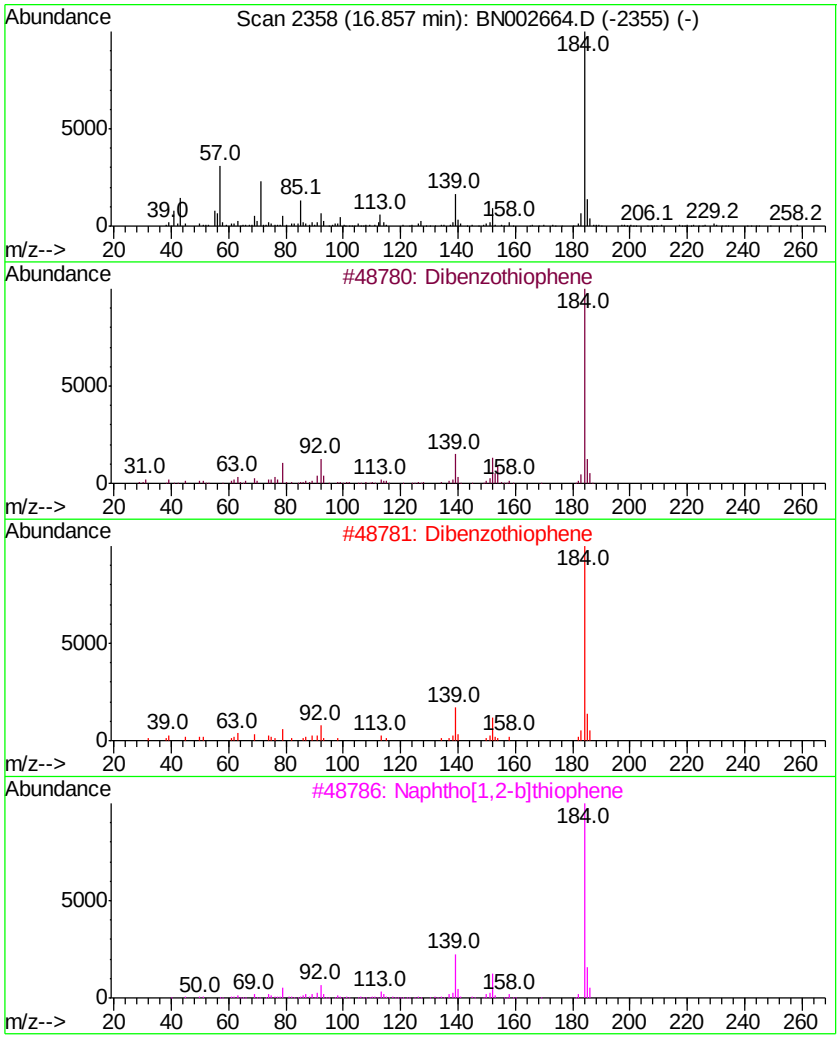
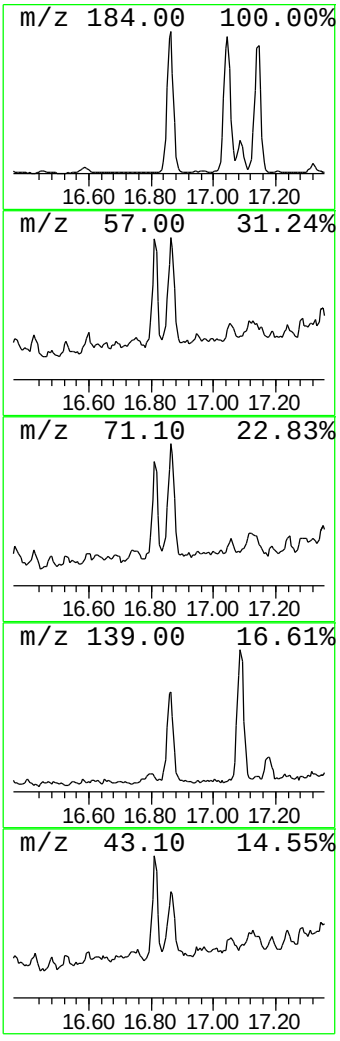
Peak Number 5 Dibenzothiophene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.86	5.16 ng/ul	684982	Phenanthrene-d10	17.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	89
2	Dibenzothiophene	184	C12H8S	000132-65-0	89
3	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	89
4	Dibenzothiophene	184	C12H8S	000132-65-0	89
5	Dibenzothiophene	184	C12H8S	000132-65-0	76





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Data File : BN002664.D
Acq On : 12 Sep 2018 20:38
Operator : JU/SJ
Sample : J4792-16
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A3YY5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081318MA.M
Quant Title : SVOA CALIBRATION

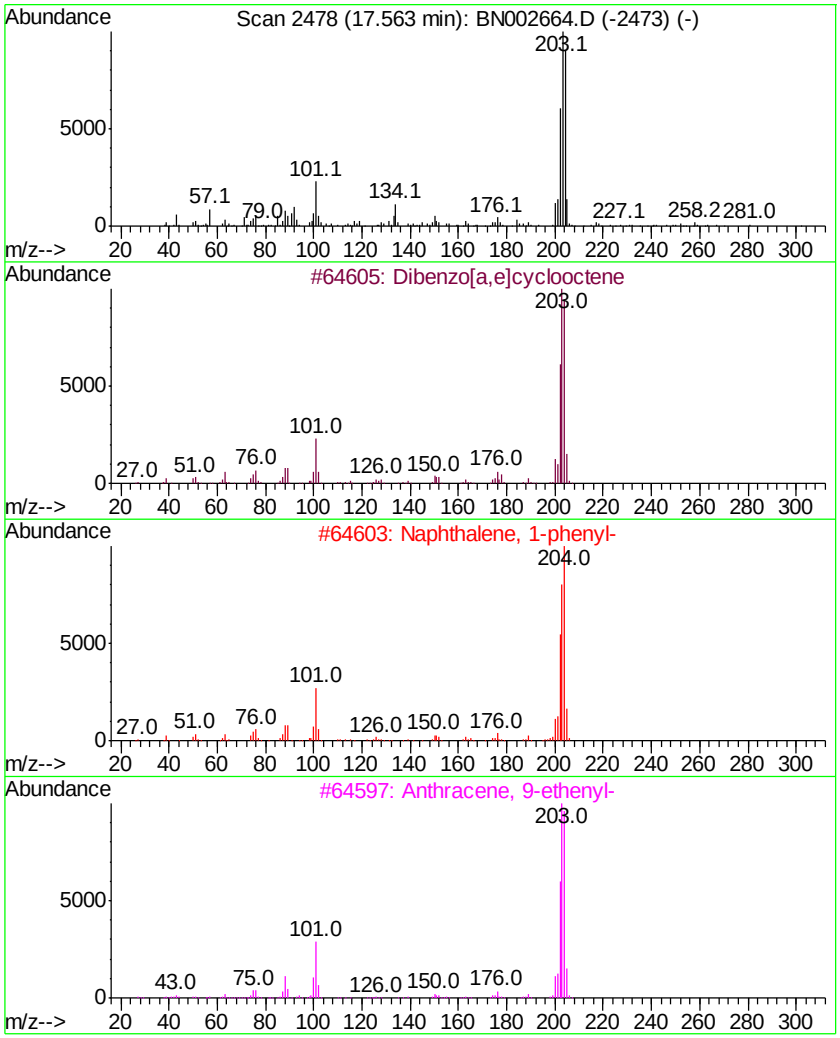
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

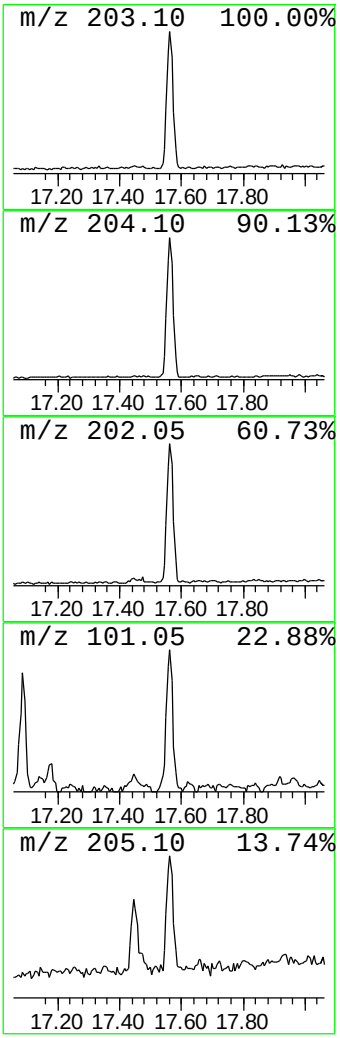
****

Peak Number 6 Dibenzo[a,e]cyclooctene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.56	3.97 ng/ul	527304	Phenanthrene-d10	17.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzo[a,e]cyclooctene	204	C16H12	000262-89-5	97
2	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	96
3	Anthracene, 9-ethenyl-	204	C16H12	002444-68-0	93
4	1H-Indene, 1-(phenylmethylene)-	204	C16H12	005394-86-5	92
5	Anthracene, 9-ethenyl-	204	C16H12	002444-68-0	92





Library Search Compound Report

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Data File : BN002664.D
Acq On : 12 Sep 2018 20:38
Operator : JU/SJ
Sample : J4792-16
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A3YY5

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Quant Title : SVOA CALIBRATION

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

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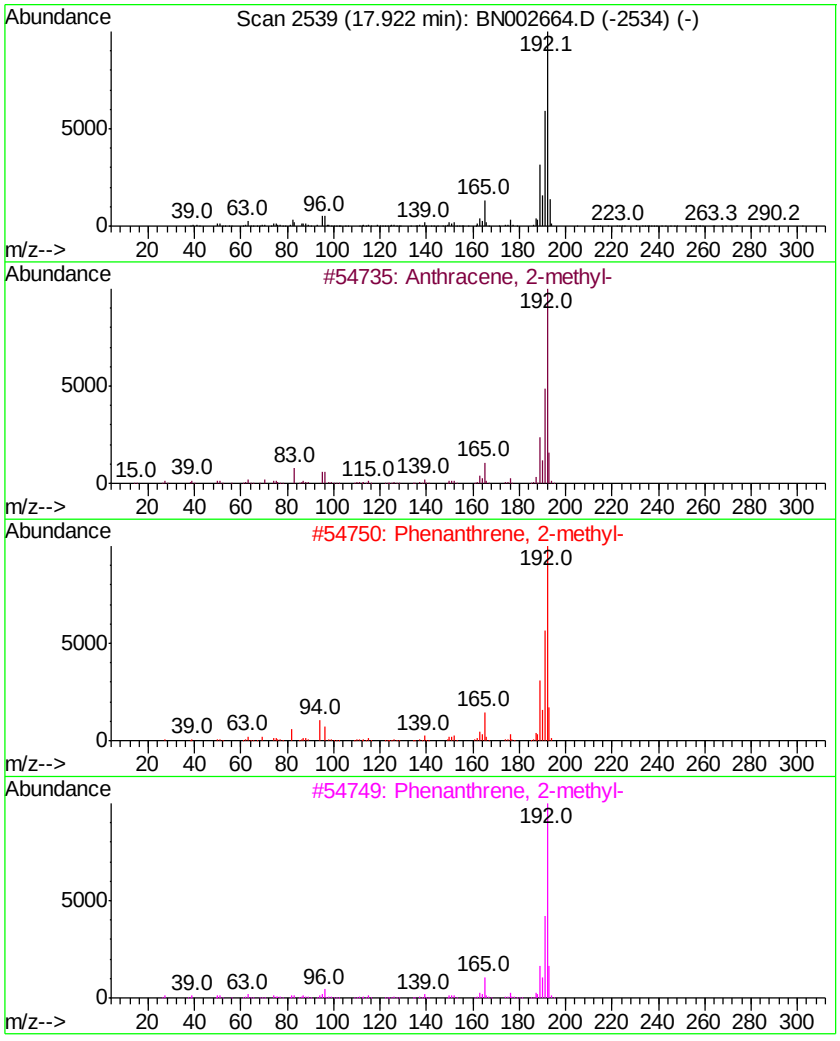
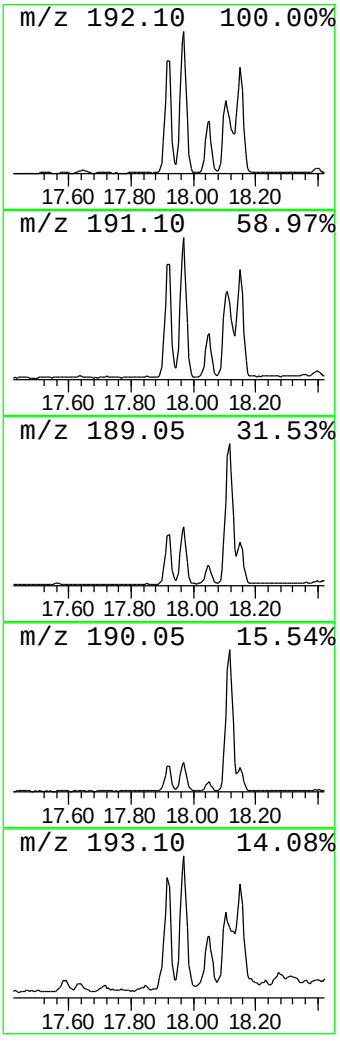
Peak Number 7 Anthracene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.92	8.43 ng/ul	1119130	Phenanthrene-d10	17.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	97
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95





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Operator : JU/SJ
Sample : J4792-16
Misc :
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Instrument : BNA_N
ClientSampleId : A3YY5

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Quant Title : SVOA CALIBRATION

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

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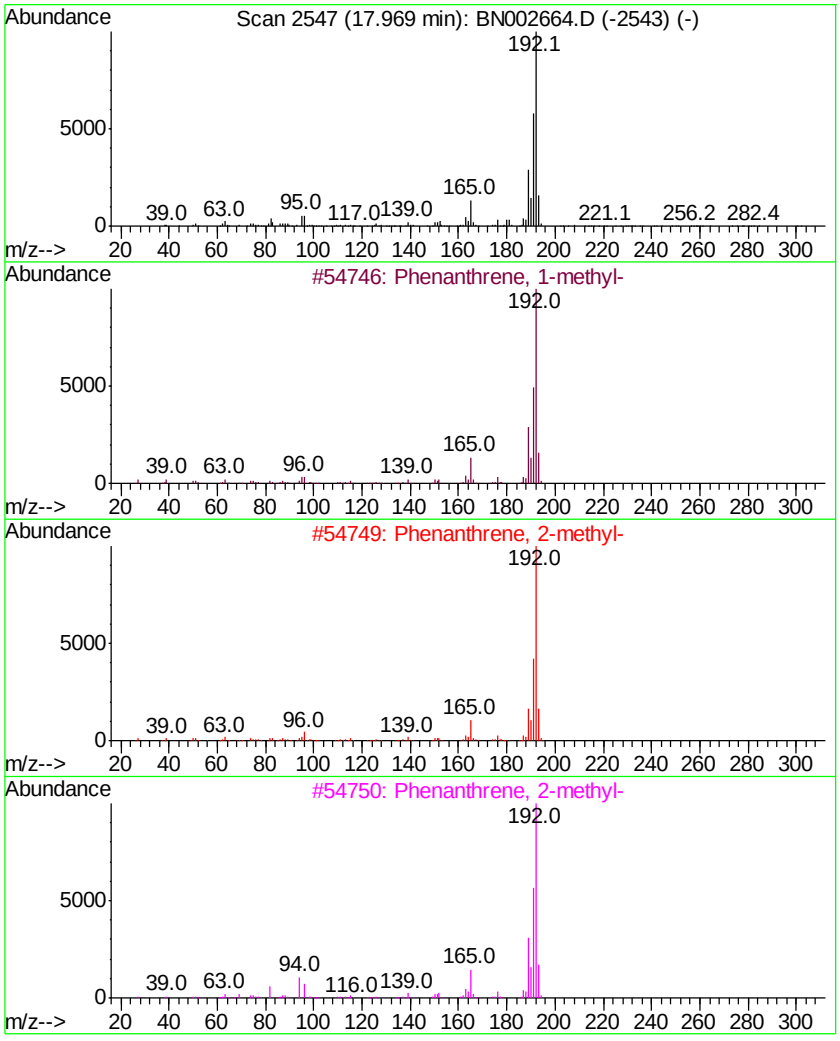
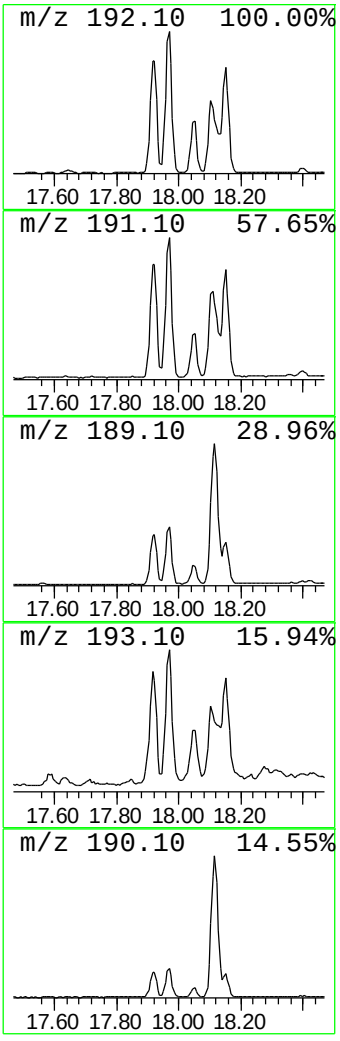
Peak Number 8 Phenanthrene, 1-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.97	11.29 ng/ul	1499070	Phenanthrene-d10	17.05

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	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96





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ClientSampleId : A3YY5

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Quant Title : SVOA CALIBRATION

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

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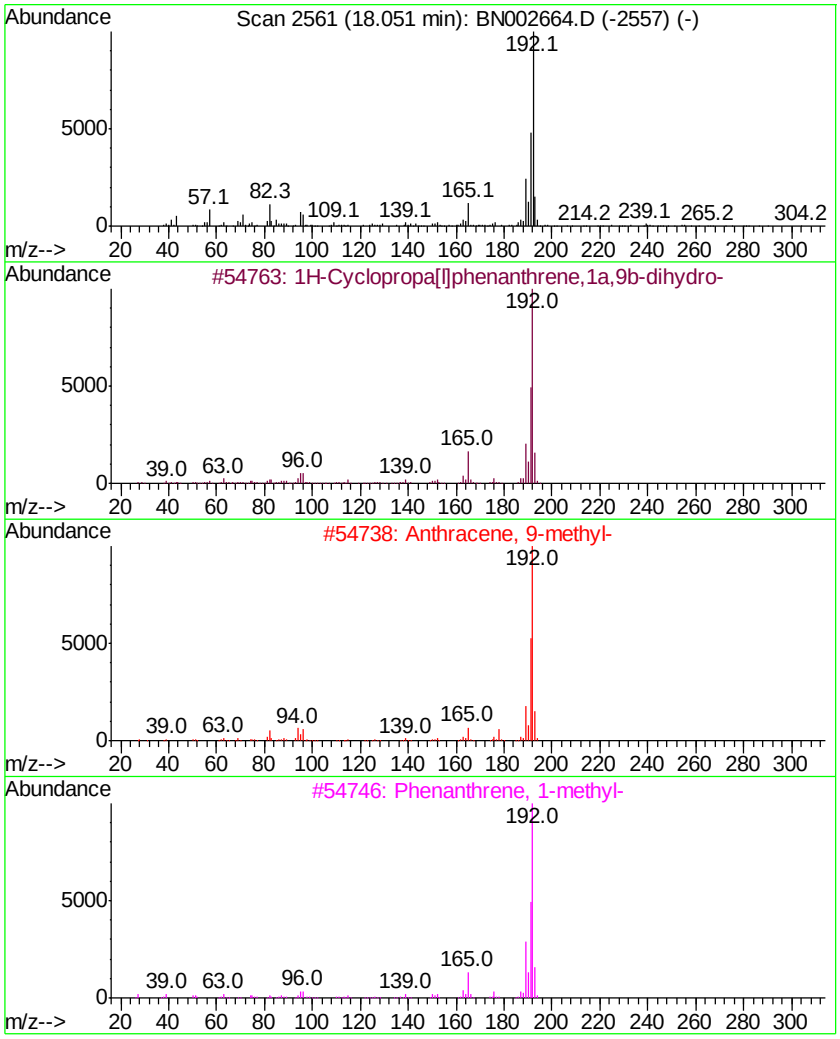
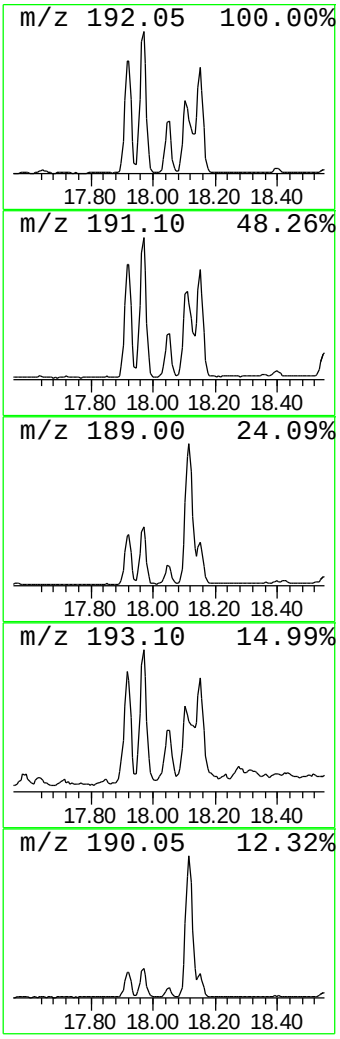
Peak Number 9 1H-Cyclopropa[l]phenanthren... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.05	4.92 ng/ul	653436	Phenanthrene-d10	17.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	95
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	93
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	92





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ALS Vial : 18 Sample Multiplier: 1

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ClientSampleId : A3YY5

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Quant Title : SVOA CALIBRATION

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

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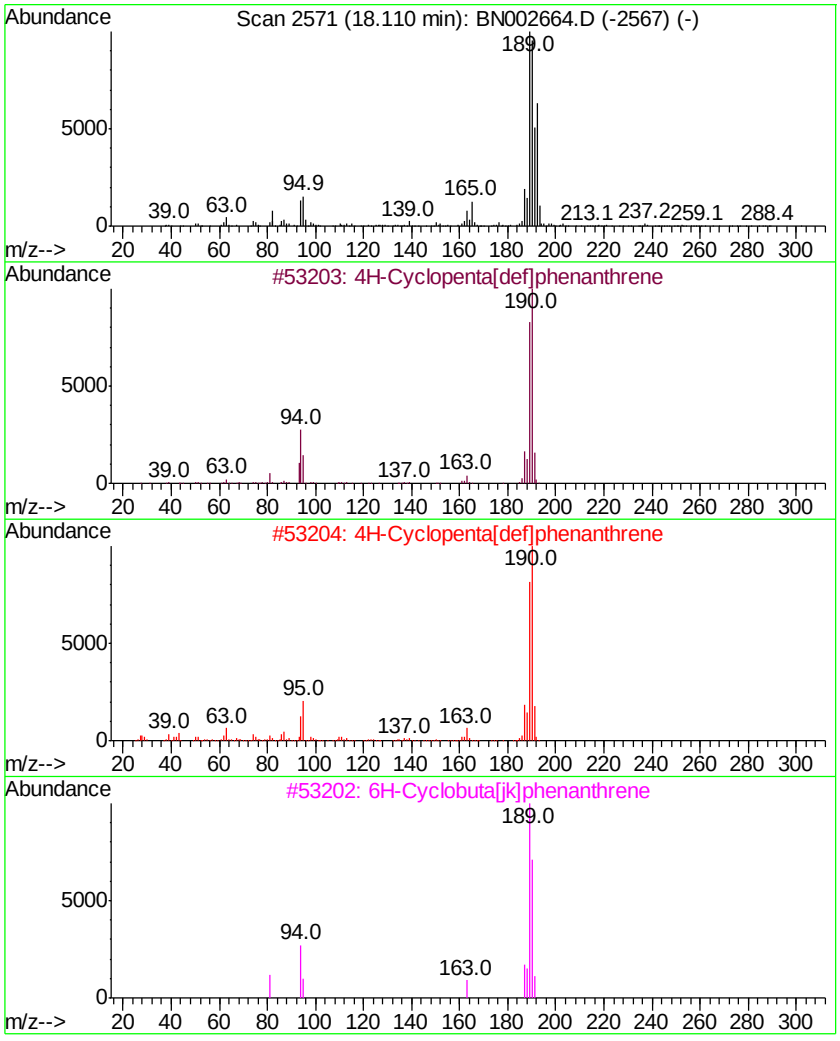
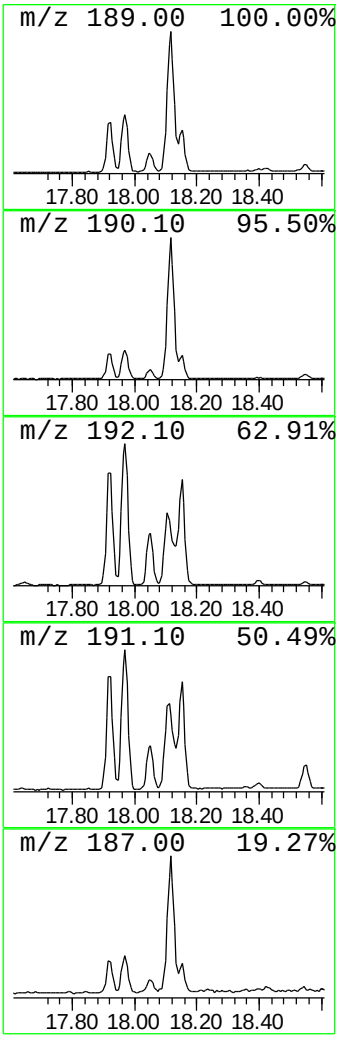
Peak Number 10 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.11	15.40 ng/ul	2044990	Phenanthrene-d10	17.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	52
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	38
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	38





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Misc :
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Instrument : BNA_N
ClientSampleId : A3YY5

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Quant Title : SVOA CALIBRATION

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

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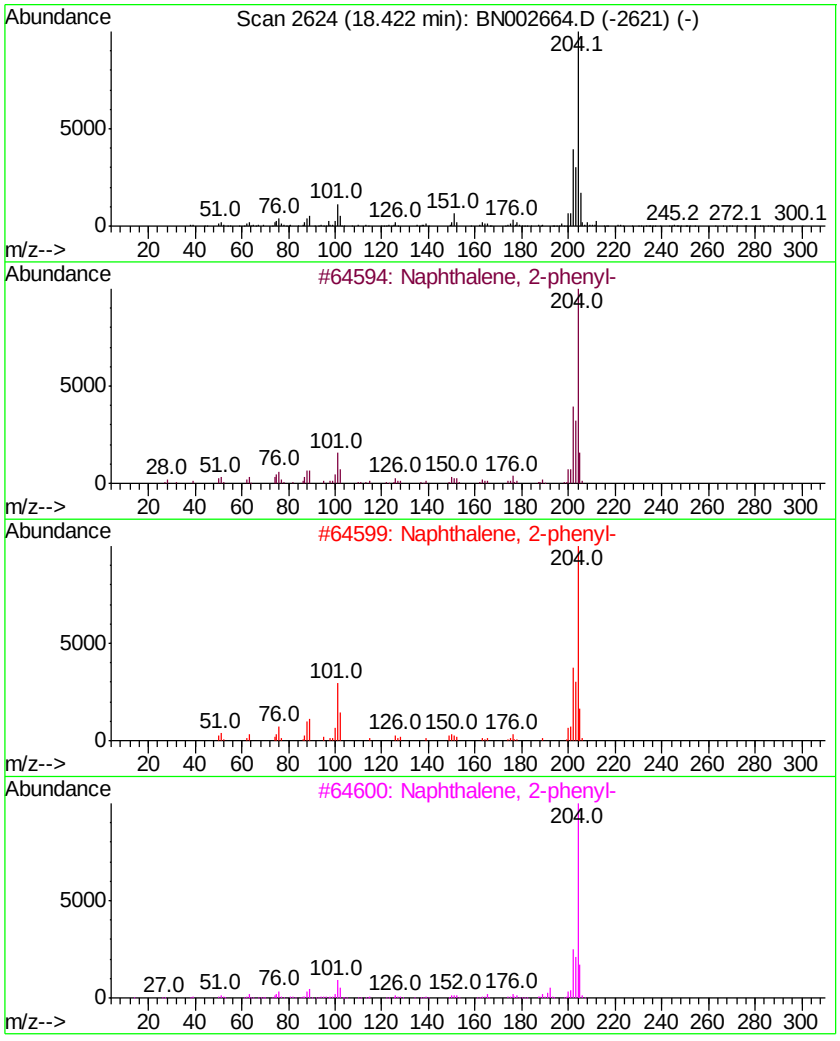
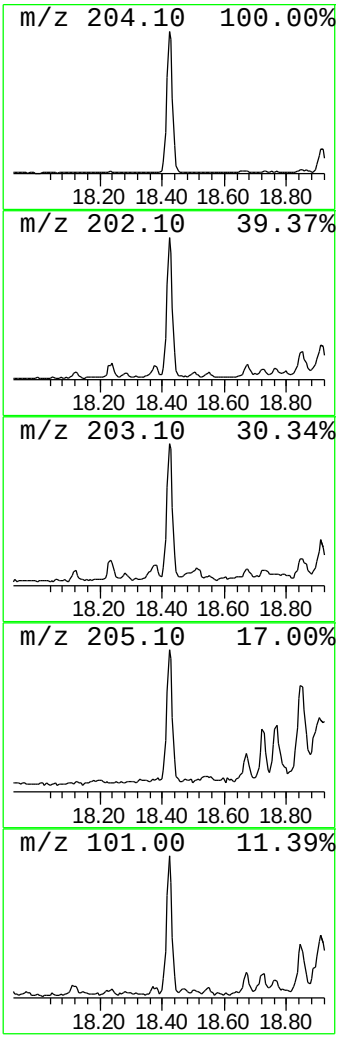
Peak Number 12 Naphthalene, 2-phenyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.42	6.04 ng/ul	802465	Phenanthrene-d10	17.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	93
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	93
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	93
4	6-Phenylbenzocyclohepten-7-one	232	C17H12O	093327-56-1	91
5	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	90





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ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A3YY5

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Quant Title : SVOA CALIBRATION

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

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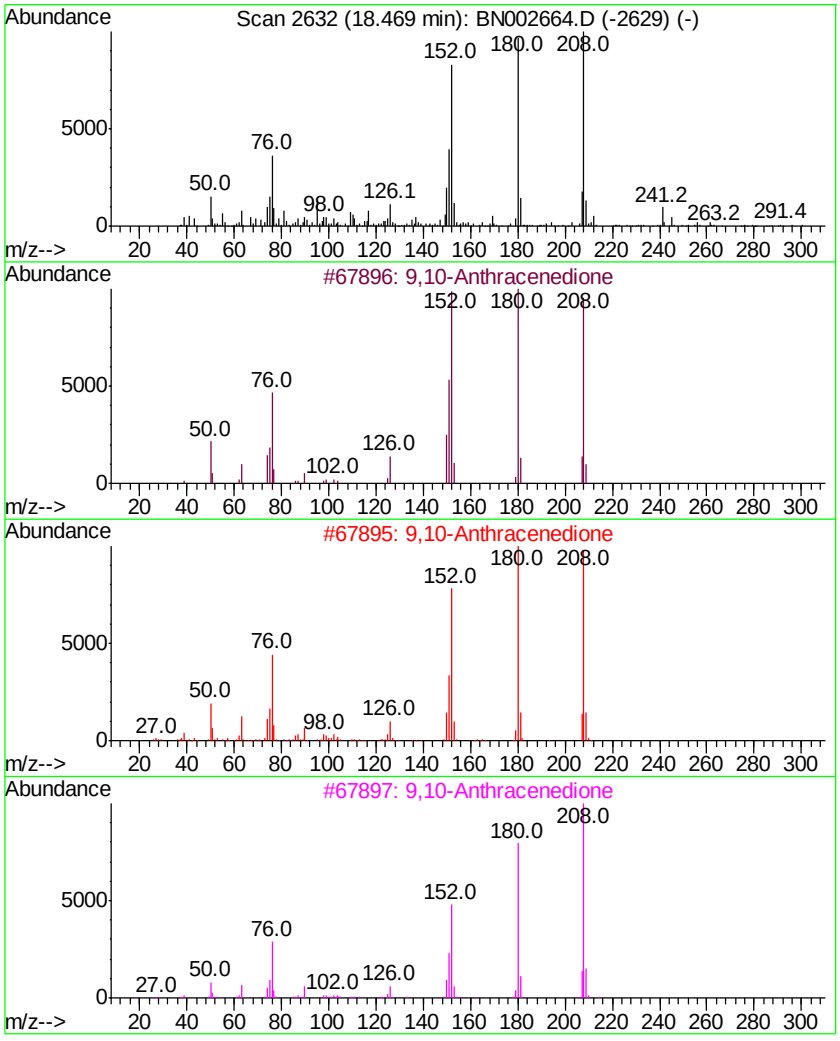
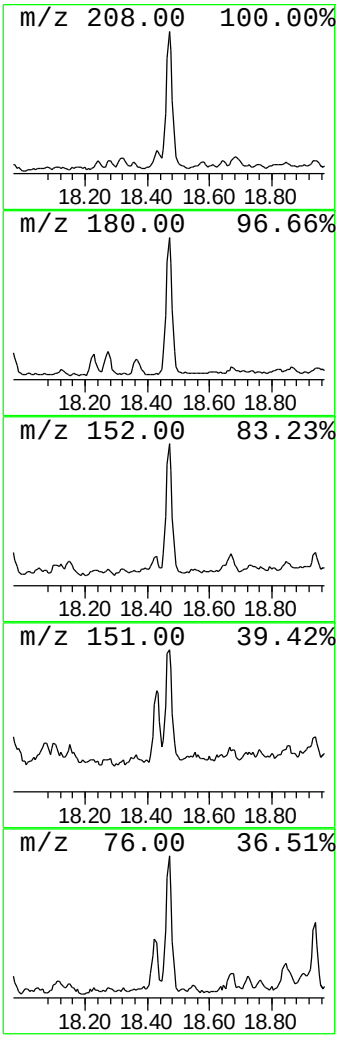
Peak Number 13 9,10-Anthracenedione Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.47	4.55 ng/ul	603863	Phenanthrene-d10	17.05

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	97
3	9,10-Anthracenedione	208	C14H8O2	000084-65-1	93
4	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	83
5	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	83





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ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A3YY5

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

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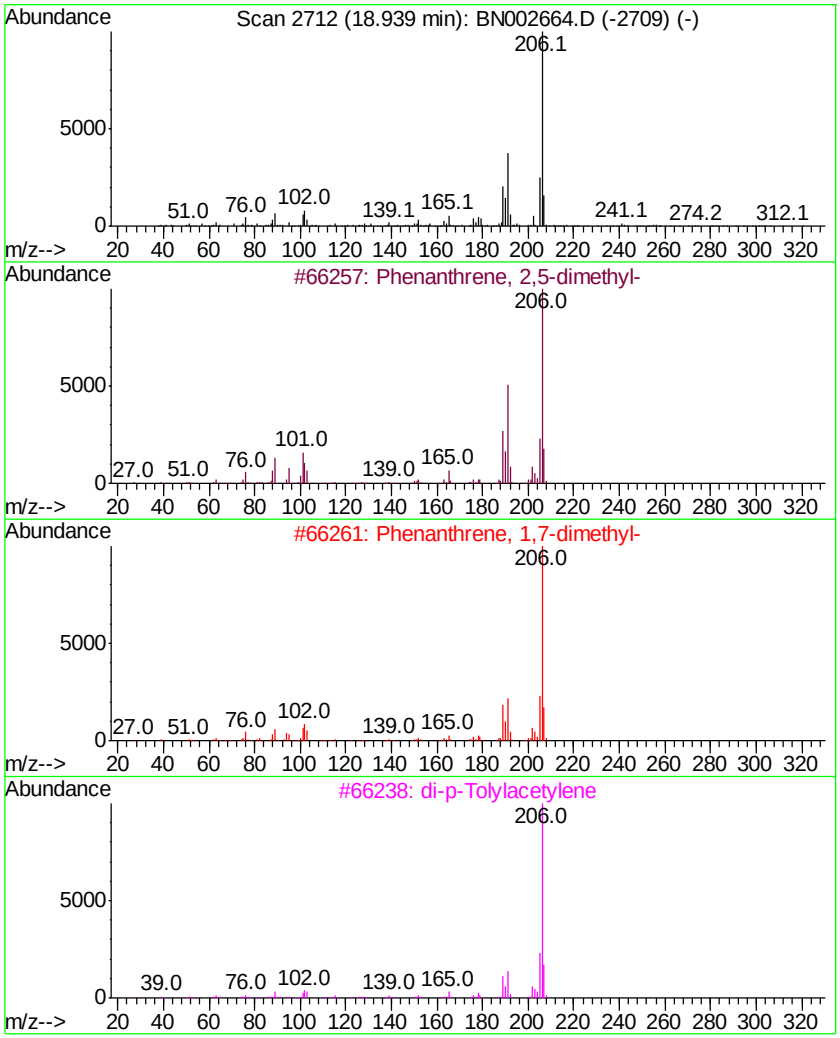
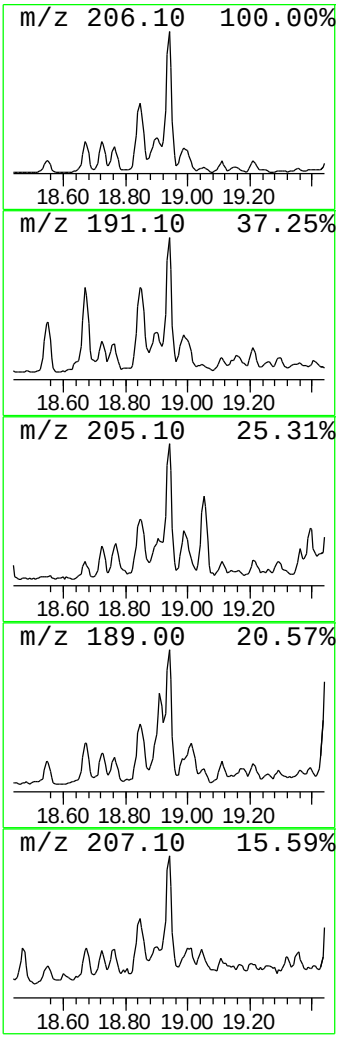
Peak Number 15 Phenanthrene, 2,5-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.94	6.45 ng/ul	856303	Phenanthrene-d10	17.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	94
2	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	94
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	91
4	Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	87
5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	83





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Quant Title : SVOA CALIBRATION

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

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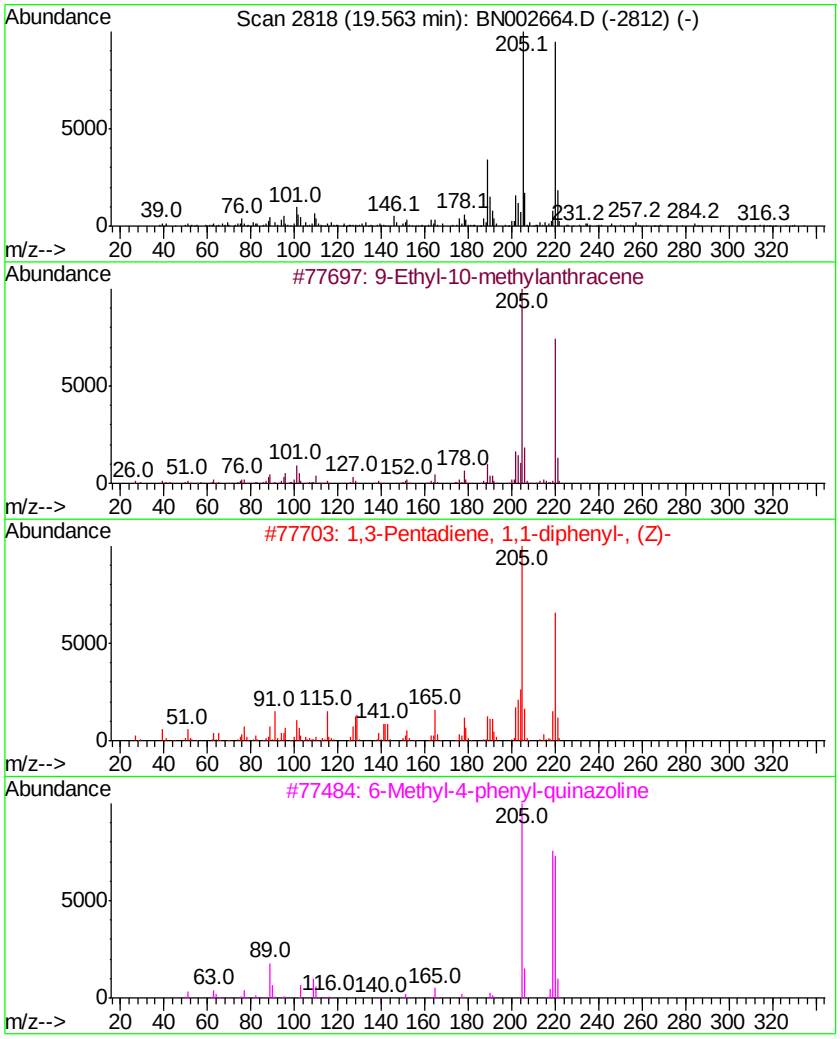
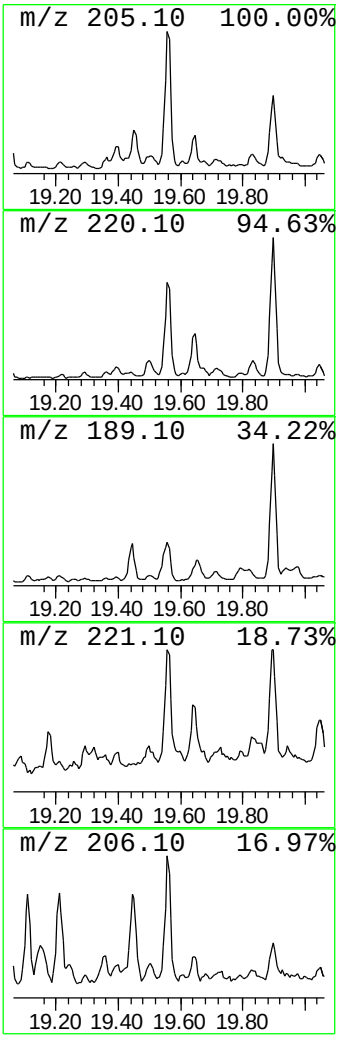
Peak Number 16 9-Ethyl-10-methylanthracene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.56	5.18 ng/ul	1443110	Chrysene-d12	21.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Ethyl-10-methylanthracene	220	C17H16	019713-49-6	89
2	1,3-Pentadiene, 1,1-diphenyl-, (Z)-	220	C17H16	015295-31-5	76
3	6-Methyl-4-phenyl-quinazoline	220	C15H12N2	004015-27-4	58
4	Phenanthrene, 2,3,5-trimethyl-	220	C17H16	003674-73-5	55
5	10-Methylanthracene-9-carboxalde...	220	C16H12O	007072-00-6	55





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Misc :
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Quant Title : SVOA CALIBRATION

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

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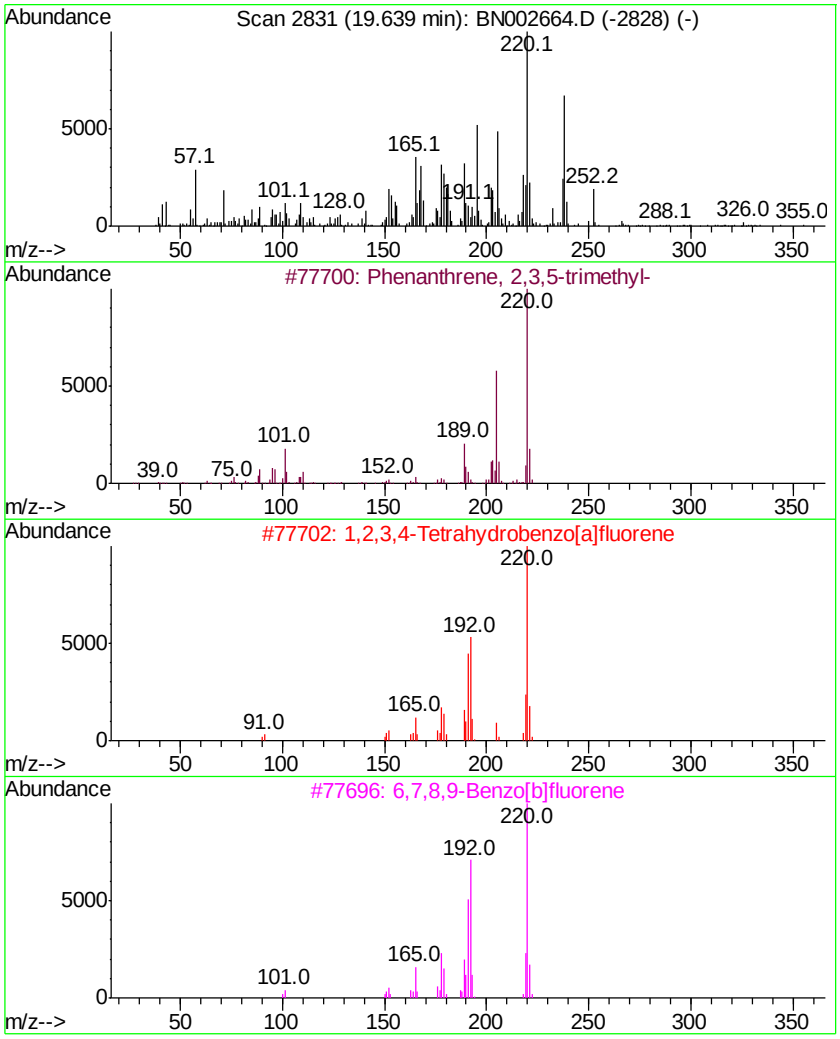
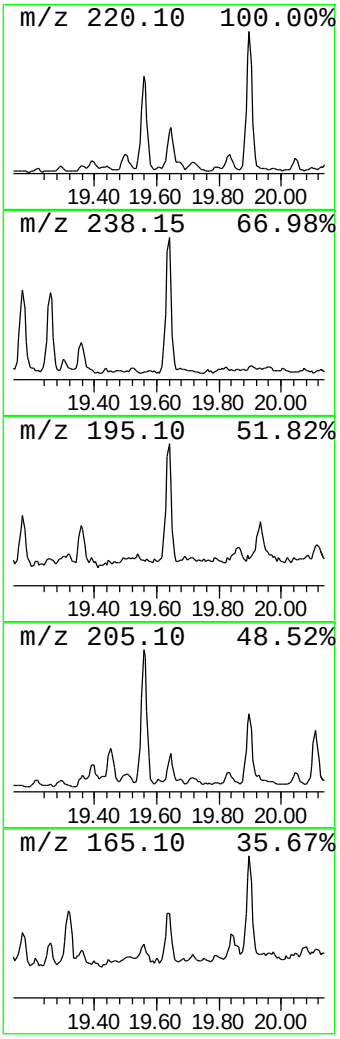
Peak Number 17 unknown-02 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.64	4.88 ng/ul	1358380	Chrysene-d12	21.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,3,5-trimethyl-	220	C17H16	003674-73-5	42
2	1,2,3,4-Tetrahydrobenzo[a]fluorene	220	C17H16	006567-09-5	38
3	6,7,8,9-Benzo[b]fluorene	220	C17H16	1000080-15-6	30
4	Quinoxaline, 2-p-tolyl-	220	C15H12N2	1000317-03-2	27
5	2-Bromomethylbenzoic acid, N-met...	318	C15H15BrN2O	1000190-78-1	25





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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
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Peak Number 18 Retene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.90	17.48 ng/ul	4867480	Chrysene-d12	21.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Retene	234	C18H18	000483-65-8	99
2	2-Isopropyl-10-methylphenanthrene	234	C18H18	066552-97-4	95
3	Retene	234	C18H18	000483-65-8	94
4	Retene	234	C18H18	000483-65-8	87
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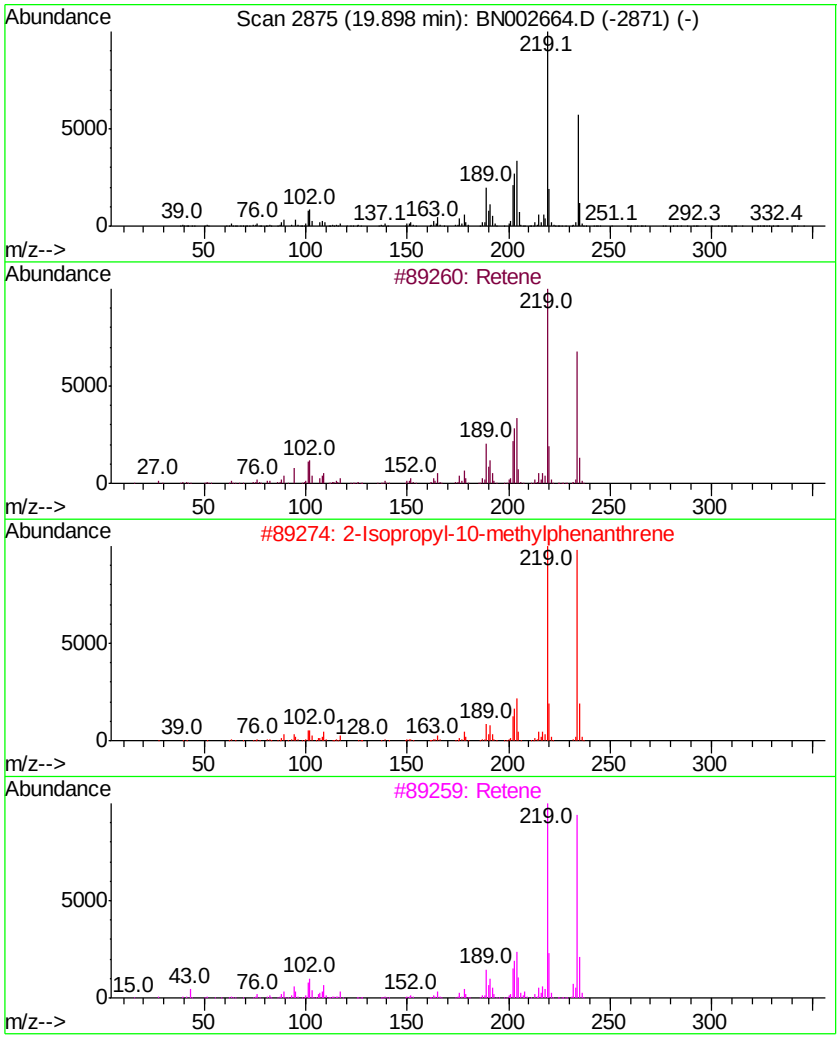

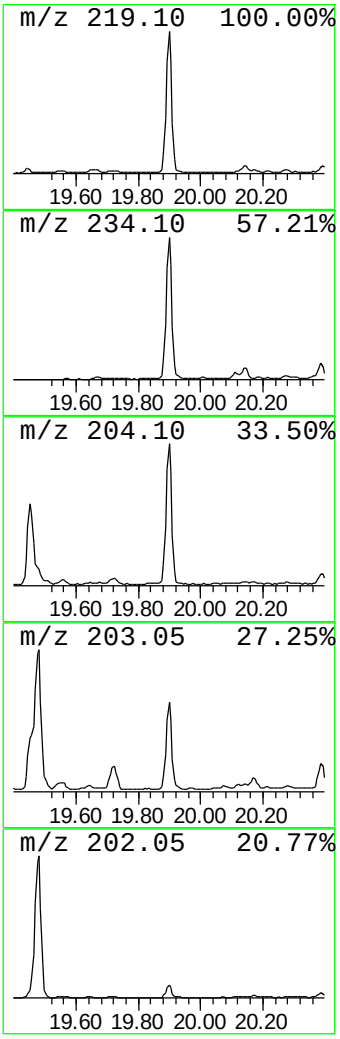

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Quant Title : SVOA CALIBRATION

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

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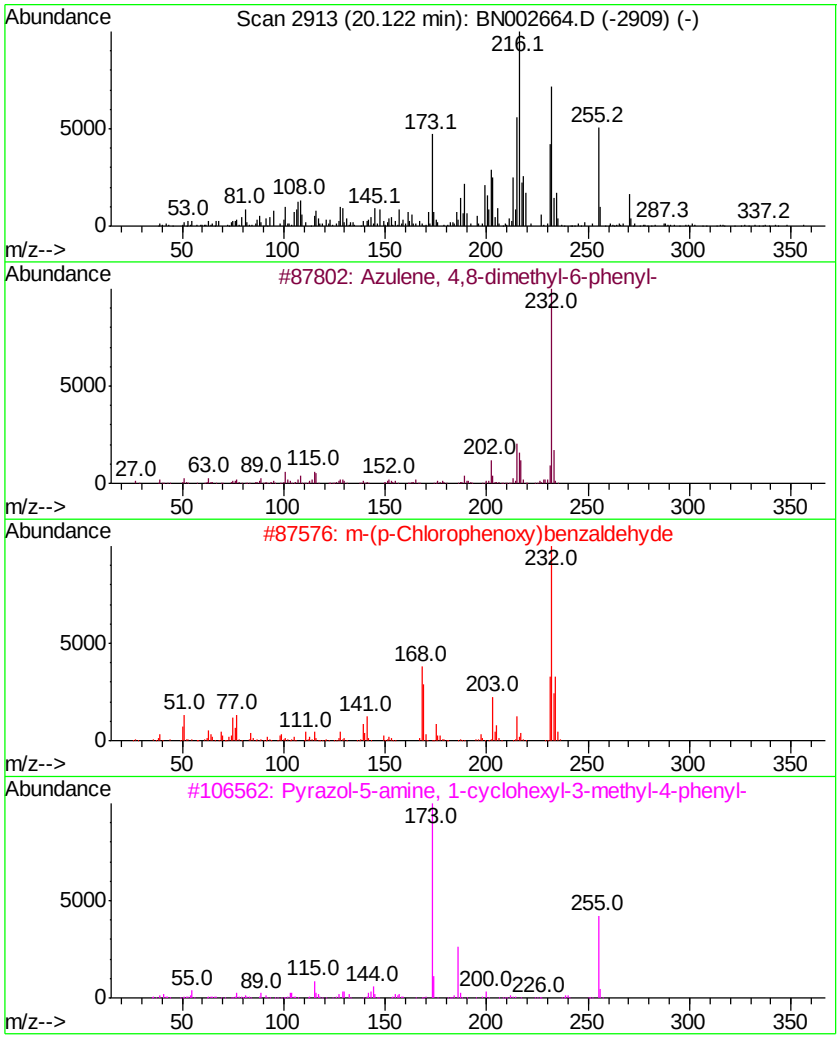
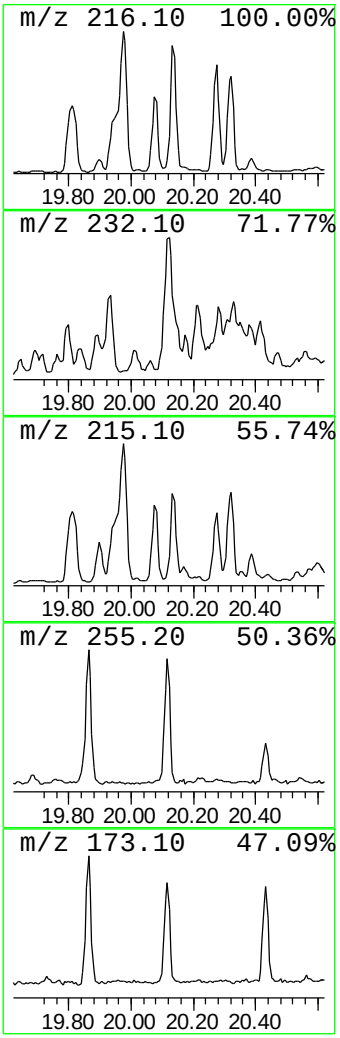
Peak Number 19 unknown-03 Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.12	2.04 ng/ul	567463	Chrysene-d12	21.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Azulene, 4,8-dimethyl-6-phenyl-	232	C18H16	042758-88-3	30
2	m-(p-Chlorophenoxy)benzaldehyde	232	C13H9ClO2	069770-20-3	25
3	Pyrazol-5-amine, 1-cyclohexyl-3-...	255	C16H21N3	311790-61-1	25
4	4-Aminophenol, N-[(4-chlorophenyl...	367	C17H19ClNO4P	1000295-56-8	22
5	5-Pyrimidinecarboxylic acid, 4-c...	232	C8H9ClN2O2S	005909-24-0	18





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Quant Title : SVOA CALIBRATION

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

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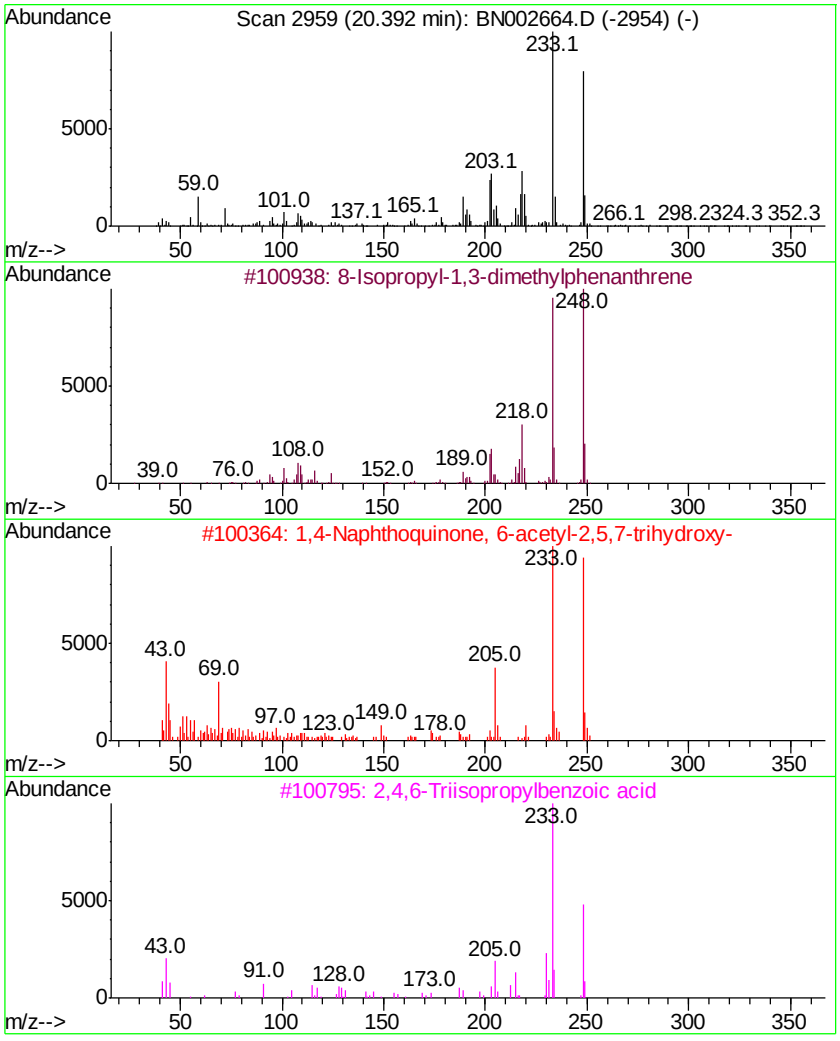
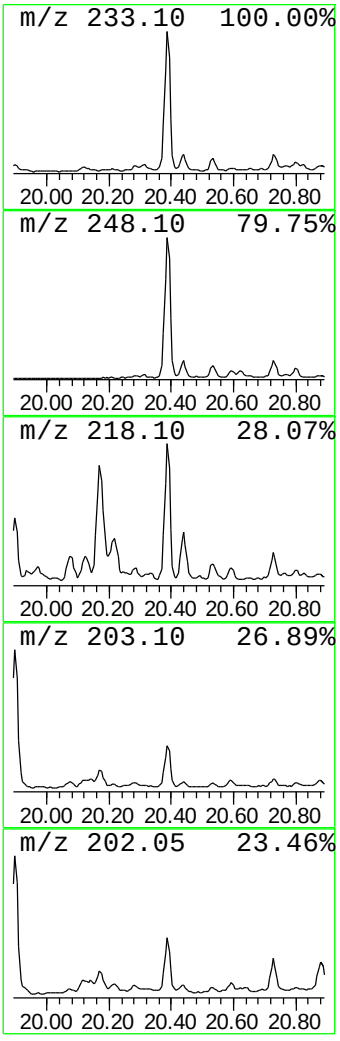
Peak Number 20 8-Isopropyl-1,3-dimethylphe... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.39	8.60 ng/ul	2394670	Chrysene-d12	21.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	8-Isopropyl-1,3-dimethylphenanth...	248	C19H20	135886-06-5	95
2	1,4-Naphthoquinone, 6-acetyl-2,5...	248	C12H8O6	013378-89-7	52
3	2,4,6-Triisopropylbenzoic acid	248	C16H24O2	049623-71-4	50
4	2-Acetyl-9,10-dimethylanthracene	248	C18H16O	015254-37-2	42
5	5-Methylbenzo[b]naphtho[2,1-d]th...	248	C17H12S	004567-49-1	30





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Acq On : 12 Sep 2018 20:38
Operator : JU/SJ
Sample : J4792-16
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A3YY5

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Quant Title : SVOA CALIBRATION

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

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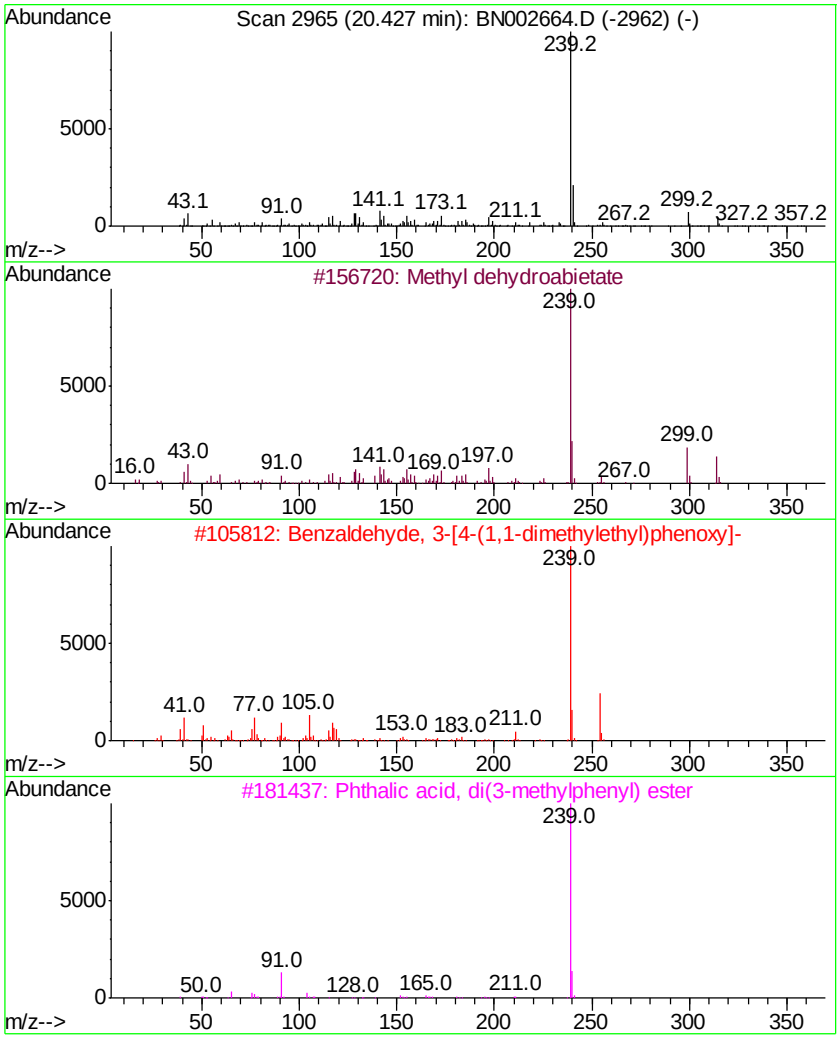
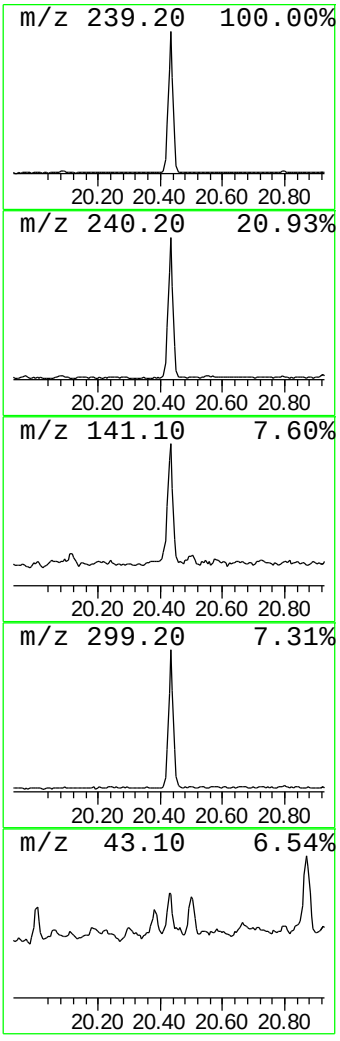
Peak Number 21 Methyl dehydroabietate Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.43	11.74 ng/ul	3268650	Chrysene-d12	21.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl dehydroabietate	314	C21H30O2	001235-74-1	92
2	Benzaldehyde, 3-[4-(1,1-dimethyl...	254	C17H18O2	069770-23-6	59
3	Phthalic acid, di(3-methylphenyl...	346	C22H18O4	1000315-37-3	59
4	Methyl dehydroabietate	314	C21H30O2	001235-74-1	50
5	Imidazolo[2,1-b]thiazole, 5-(3-i...	239	C13H9N3S	327097-37-0	45





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Data File : BN002664.D
Acq On : 12 Sep 2018 20:38
Operator : JU/SJ
Sample : J4792-16
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A3YY5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081318MA.M
Quant Title : SVOA CALIBRATION

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

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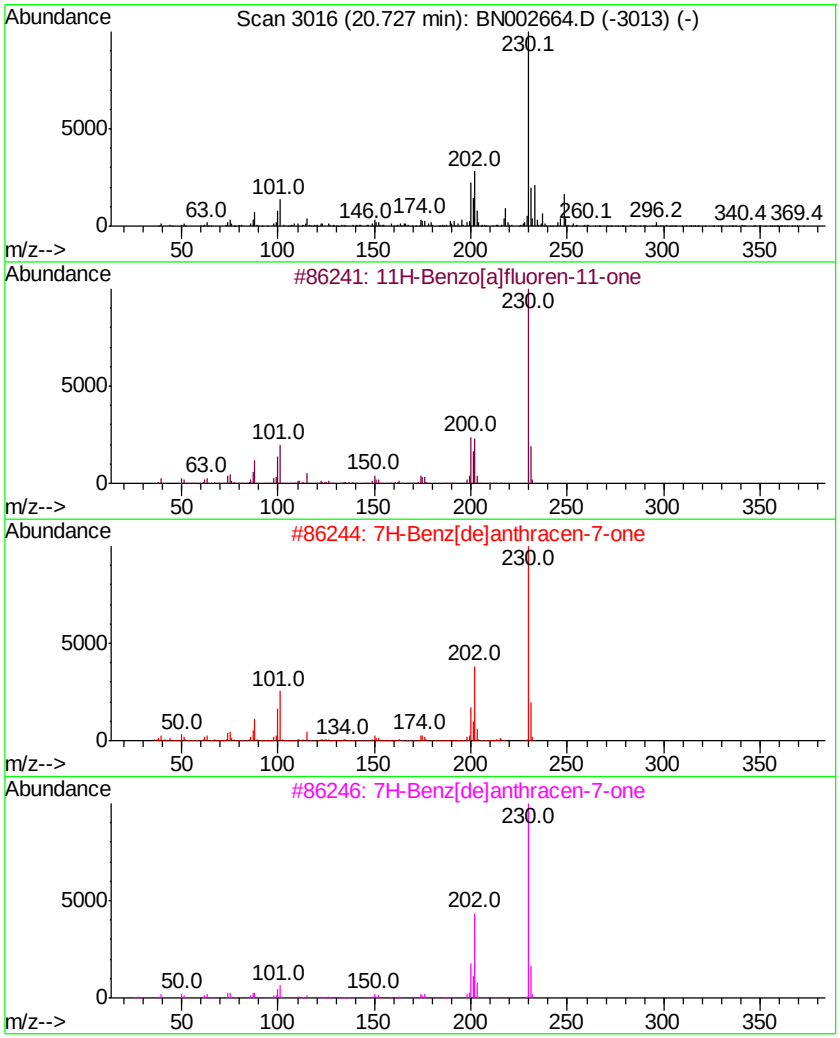
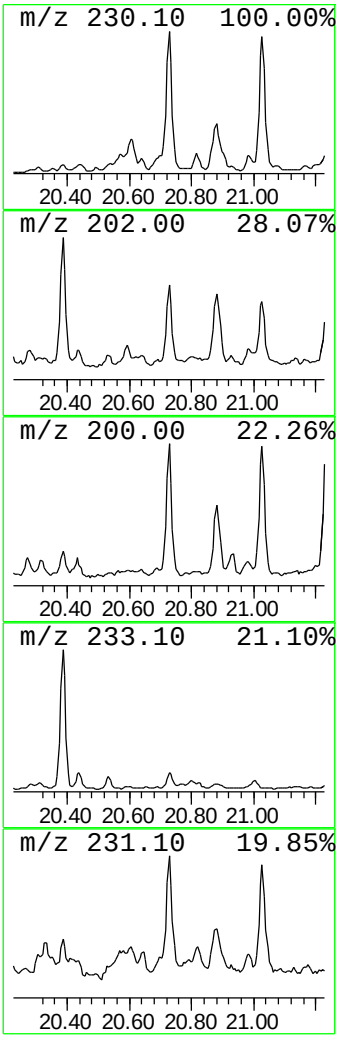
Peak Number 22 11H-Benzo[a]fluoren-11-one Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.73	3.51 ng/ul	977582	Chrysene-d12	21.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	96
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	78
4	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	64
5	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	53





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091218\
Data File : BN002664.D
Acq On : 12 Sep 2018 20:38
Operator : JU/SJ
Sample : J4792-16
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A3YY5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081318MA.M
Quant Title : SVOA CALIBRATION

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

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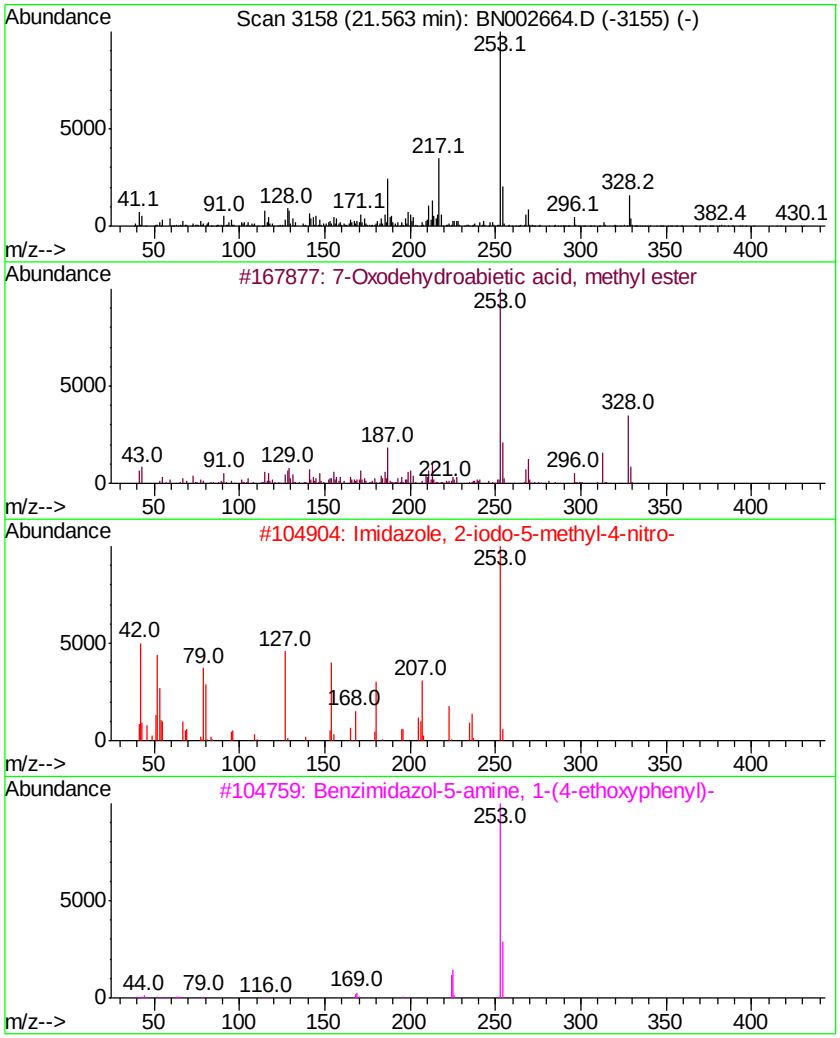
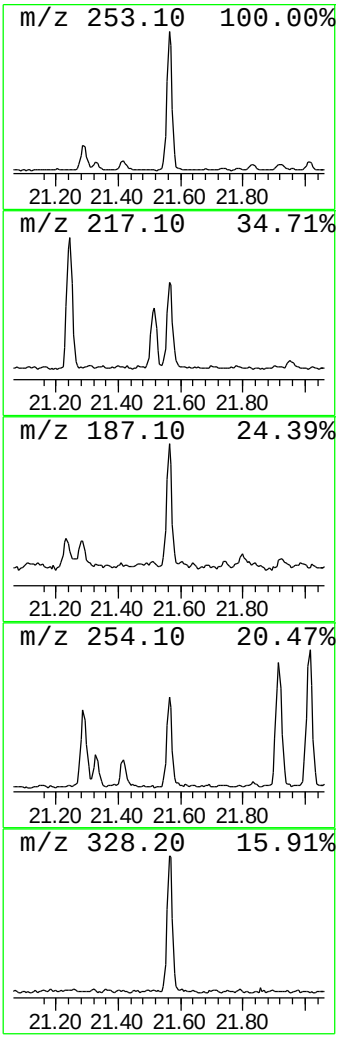
Peak Number 23 7-Oxodehydroabietic acid, m... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.56	4.78 ng/ul	1331870	Chrysene-d12	21.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7-Oxodehydroabietic acid, methyl...	328	C21H28O3	110936-78-2	83
2	Imidazole, 2-iodo-5-methyl-4-nitro-	253	C4H4IN3O2	149510-86-1	46
3	Benzimidazol-5-amine, 1-(4-ethox...	253	C15H15N3O	007104-62-3	46
4	Benz(a)anthracene-7-carbonitrile	253	C19H11N	007476-08-6	43
5	Succinic acid, di(2-phenylphenyl...	422	C28H22O4	1000330-01-1	43





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN091218\
Data File : BN002664.D
Acq On : 12 Sep 2018 20:38
Operator : JU/SJ
Sample : J4792-16
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A3YY5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081318MA.M
Quant Title : SVOA CALIBRATION

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

					Internal Standard		
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown-01	3.73	2.7	ng/ul	168974	1	7.66	1268270	20.0
2-Pentanone, 4-hy...	4.83	4.3	ng/ul	273359	1	7.66	1268270	20.0
(DEL) Alkane: Str...	16.02	2.3	ng/ul	303146	4	17.05	2655710	20.0
9H-Fluoren-9-one	16.70	2.0	ng/ul	272136	4	17.05	2655710	20.0
Dibenzothiophene	16.86	5.2	ng/ul	684982	4	17.05	2655710	20.0
Dibenzo[a,e]cyclo...	17.56	4.0	ng/ul	527304	4	17.05	2655710	20.0
Anthracene, 2-met...	17.92	8.4	ng/ul	1119130	4	17.05	2655710	20.0
Phenanthrene, 1-m...	17.97	11.3	ng/ul	1499070	4	17.05	2655710	20.0
1H-Cyclopropa[l]p...	18.05	4.9	ng/ul	653436	4	17.05	2655710	20.0
4H-Cyclopenta[def...	18.11	15.4	ng/ul	2044990	4	17.05	2655710	20.0
Naphthalene, 2-ph...	18.42	6.0	ng/ul	802465	4	17.05	2655710	20.0
9,10-Anthracenedione	18.47	4.5	ng/ul	603863	4	17.05	2655710	20.0
Phenanthrene, 2,5...	18.94	6.5	ng/ul	856303	4	17.05	2655710	20.0
9-Ethyl-10-methyl...	19.56	5.2	ng/ul	1443110	5	21.25	5569800	20.0
unknown-02	19.64	4.9	ng/ul	1358380	5	21.25	5569800	20.0
Retene	19.90	17.5	ng/ul	4867480	5	21.25	5569800	20.0
unknown-03	20.12	2.0	ng/ul	567463	5	21.25	5569800	20.0
8-Isopropyl-1,3-d...	20.39	8.6	ng/ul	2394670	5	21.25	5569800	20.0
Methyl dehydroabi...	20.43	11.7	ng/ul	3268650	5	21.25	5569800	20.0
11H-Benzo[a]fluor...	20.73	3.5	ng/ul	977582	5	21.25	5569800	20.0
7-Oxodehydroabiet...	21.56	4.8	ng/ul	1331870	5	21.25	5569800	20.0