LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN053119\
Data File : BN005988.D
Acq On : 31 May 2019 20:02
Operator : JU/SJ
Sample : K2923-19
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A42D7

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-BN052819MA.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	3.265	15	19	25	rVB	63222	95547	0.75%	0.064%
2	3.765	100	104	113	rVB	108781	151807	1.20%	0.102%
3	3.889	119	125	132	rBV	107218	176609	1.39%	0.119%
4	3.983	137	141	148	rVB	58105	91550	0.72%	0.061%
5	4.083	155	158	164	rVB5	22907	31876	0.25%	0.021%
6	4.342	198	202	209	rVB3	22968	37498	0.30%	0.025%
7	4.524	229	233	237	rVB2	41257	57205	0.45%	0.038%
8	4.871	287	292	299	rVB	77171	123207	0.97%	0.083%
9	4.965	304	308	315	rVB2	33356	52243	0.41%	0.035%
10	6.148	506	509	515	rVB2	19877	32729	0.26%	0.022%
11	6.759	606	613	621	rBV7	14761	36534	0.29%	0.025%
12	6.918	632	640	650	rBV	1425000	2391703	18.88%	1.606%
13	7.077	661	667	680	rBV	1116961	1744706	13.77%	1.172%
14	7.277	695	701	709	rBV	1466769	2361803	18.64%	1.586%
15	7.747	774	781	787	rBV	1893486	3038160	23.98%	2.041%
16	7.806	787	791	797	rVB2	30572	50359	0.40%	0.034%
17	8.112	839	843	850	rBV4	16210	28654	0.23%	0.019%
18	8.283	866	872	877	rBV2	20444	36288	0.29%	0.024%
19	8.453	894	901	909	rBV	1796588	2831454	22.35%	1.902%
20	8.518	909	912	916	rVV4	14099	25435	0.20%	0.017%
21	8.900	970	977	986	rBV	1369628	2192383	17.31%	1.473%
22	9.065	1001	1005	1009	rVB5	24120	37952	0.30%	0.025%
23	9.312	1043	1047	1053	rBV	50014	79345	0.63%	0.053%
24	9.624	1091	1100	1106	rBV	1088581	1808981	14.28%	1.215%
25	10.165	1184	1192	1201	rVB	1842782	3028905	23.91%	2.034%
26	10.541	1248	1256	1261	rBV	2574376	4434665	35.00%	2.979%
27	10.588	1261	1264	1269	rVV	316861	468888	3.70%	0.315%
28	10.677	1272	1279	1291	rVB	539157	977506	7.72%	0.657%
29	11.330	1386	1390	1394	rBV4	18900	36627	0.29%	0.025%
30	11.371	1394	1397	1405	rVB4	22182	44510	0.35%	0.030%
31	12.035	1504	1510	1517	rBV4	26056	60479	0.48%	0.041%
32	12.130	1523	1526	1534	rVV	32824	58961	0.47%	0.040%
33	12.206	1534	1539	1548	rVB	145889	227505	1.80%	0.153%
34	12.324	1555	1559	1567	rVB7	18052	42056	0.33%	0.028%

LSC Area Percent Report

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Operator : JU/SJ
Sample : K2923-19
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A42D7

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-BN052819MA.M
Title : SVOA CALIBRATION

35	12.430	1571	1577	1585	rVV	90593	150987	1.19%	0.101%
36	13.230	1708	1713	1719	rVV2	65872	105305	0.83%	0.071%
37	13.365	1732	1736	1741	rVV7	21652	33517	0.26%	0.023%
38	13.424	1741	1746	1754	rVB	54502	104586	0.83%	0.070%
39	13.559	1762	1769	1770	rBV	44157	53397	0.42%	0.036%
40	13.641	1779	1783	1789	rBV4	37122	58838	0.46%	0.040%
41	13.718	1791	1796	1802	rVV	72754	133667	1.06%	0.090%
42	13.812	1806	1812	1816	rVV	2837895	3950519	31.18%	2.653%
43	13.859	1816	1820	1828	rVB	1126954	1491752	11.78%	1.002%
44	13.959	1834	1837	1841	rVV	34334	49416	0.39%	0.033%
45	14.094	1854	1860	1877	rVB	3259452	5222310	41.22%	3.508%
46	14.300	1893	1895	1900	rBV	25319	31587	0.25%	0.021%
47	14.406	1903	1913	1919	rBV2	3422134	5224615	41.24%	3.509%
48	14.471	1919	1924	1931	rVB	1264351	1845877	14.57%	1.240%
49	14.541	1931	1936	1942	rVB2	68745	121271	0.96%	0.081%
50	14.618	1942	1949	1953	rBV	1029797	1540029	12.16%	1.034%
51	14.659	1953	1956	1964	rVB	580126	870561	6.87%	0.585%
52	14.765	1970	1974	1976	rBV	122538	167672	1.32%	0.113%
53	14.806	1976	1981	1991	rVV	586403	928841	7.33%	0.624%
54	14.877	1991	1993	1999	rVB	37535	55763	0.44%	0.037%
55	15.024	2010	2018	2023	rBV6	40677	104677	0.83%	0.070%
56	15.076	2023	2027	2031	rVB3	43757	69445	0.55%	0.047%
57	15.194	2042	2047	2051	rBV5	40673	78297	0.62%	0.053%
58	15.400	2076	2082	2087	rBV	3731112	5446841	42.99%	3.658%
59	15.459	2087	2092	2099	rVB	1151460	1611434	12.72%	1.082%
60	15.535	2101	2105	2110	rBV2	313491	496166	3.92%	0.333%
61	15.582	2110	2113	2116	rVB	87302	98728	0.78%	0.066%
62	15.618	2116	2119	2125	rBV2	130527	209766	1.66%	0.141%
63	15.706	2131	2134	2138	rVB	78582	95431	0.75%	0.064%
64	15.753	2138	2142	2148	rVB	191026	261869	2.07%	0.176%
65	15.900	2162	2167	2174	rVB	195558	397785	3.14%	0.267%
66	15.965	2175	2178	2179	rVV2	35382	38366	0.30%	0.026%
67	15.988	2180	2182	2188	rVB	57258	71673	0.57%	0.048%
68	16.129	2202	2206	2212	rBV3	168324	280152	2.21%	0.188%
69	16.441	2253	2259	2260	rBV3	85628	135056	1.07%	0.091%
70	16.465	2260	2263	2268	rVV2	156264	233749	1.85%	0.157%
71	16.512	2268	2271	2276	rVB3	73109	105302	0.83%	0.071%

LSC Area Percent Report

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Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A42D7

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
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Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN052819MA.M
Title : SVOA CALIBRATION

72	16.565	2277	2280	2284	rBV6	41972	56208	0.44%	0.038%
73	16.694	2300	2302	2305	rVB	50211	45567	0.36%	0.031%
74	16.735	2306	2309	2312	rVB	75668	77696	0.61%	0.052%
75	16.812	2318	2322	2329	rVB	274057	417662	3.30%	0.281%
76	16.894	2331	2336	2337	rBV2	108257	159536	1.26%	0.107%
77	16.976	2346	2350	2359	rVB	522141	763532	6.03%	0.513%
78	17.165	2376	2382	2385	rBV2	3137081	4933162	38.94%	3.313%
79	17.206	2385	2389	2394	rVV	8802987	12501853	98.68%	8.397%
80	17.259	2394	2398	2401	rVV	3540070	5001786	39.48%	3.359%
81	17.294	2401	2404	2409	rVV	2488793	3412535	26.94%	2.292%
82	17.353	2409	2414	2420	rVB	231374	379637	3.00%	0.255%
83	17.565	2446	2450	2457	rVB	1140222	1550745	12.24%	1.042%
84	18.059	2526	2534	2536	rBV2	1073323	2222208	17.54%	1.493%
85	18.088	2536	2539	2544	rVB	1116462	1522318	12.02%	1.022%
86	18.170	2549	2553	2558	rVV	397105	557541	4.40%	0.374%
87	18.235	2559	2564	2568	rVV3	1342462	2307867	18.22%	1.550%
88	18.270	2568	2570	2576	rVB	498121	602241	4.75%	0.404%
89	18.541	2612	2616	2620	rBV	643600	834462	6.59%	0.560%
90	18.588	2620	2624	2629	rVB	625107	814798	6.43%	0.547%
91	18.965	2685	2688	2695	rBV4	278772	587661	4.64%	0.395%
92	19.106	2709	2712	2720	rBV3	310207	573600	4.53%	0.385%
93	19.235	2728	2734	2739	rVB	9073128	12668689	100.00%	8.509%
94	19.570	2785	2791	2793	rBV4	4468982	7075540	55.85%	4.752%
95	19.600	2793	2796	2802	rVB	7220783	9608270	75.84%	6.453%
96	20.094	2877	2880	2886	rVB	1358759	1948625	15.38%	1.309%
97	20.200	2894	2898	2901	rBV	1032421	1452066	11.46%	0.975%
98	21.364	3092	3096	3101	rBV3	4912484	9097428	71.81%	6.110%
99	21.411	3102	3104	3110	rVB	3399856	4128000	32.58%	2.773%
100	22.988	3368	3372	3377	rBV	2296275	4817657	38.03%	3.236%

Sum of corrected areas: 148888267

LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN053119\
Data File : BN005988.D
Acq On : 31 May 2019 20:02
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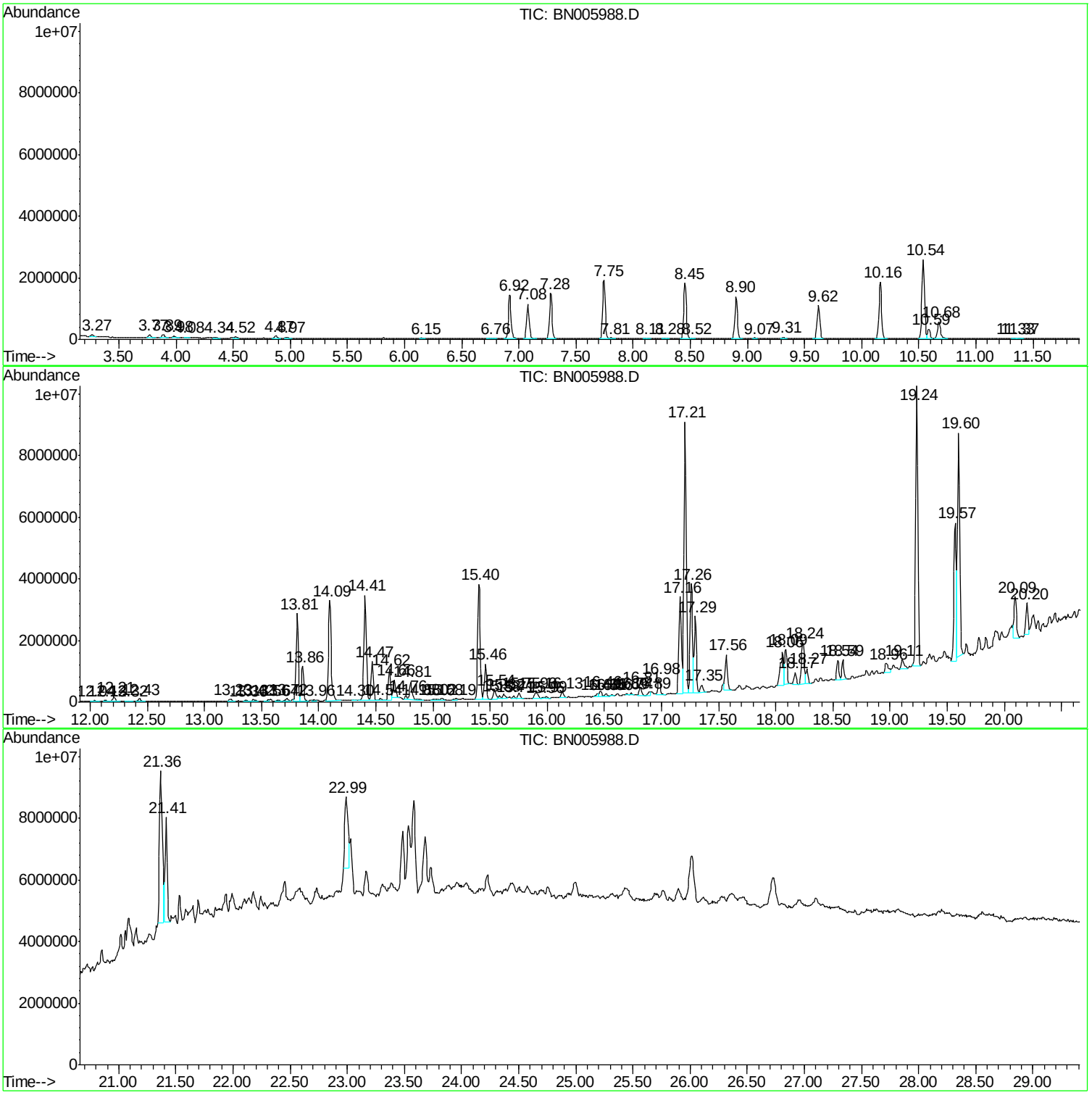
Sample : K2923-19
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A42D7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN052819MA.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN053119\
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Quant Title : SVOA CALIBRATION

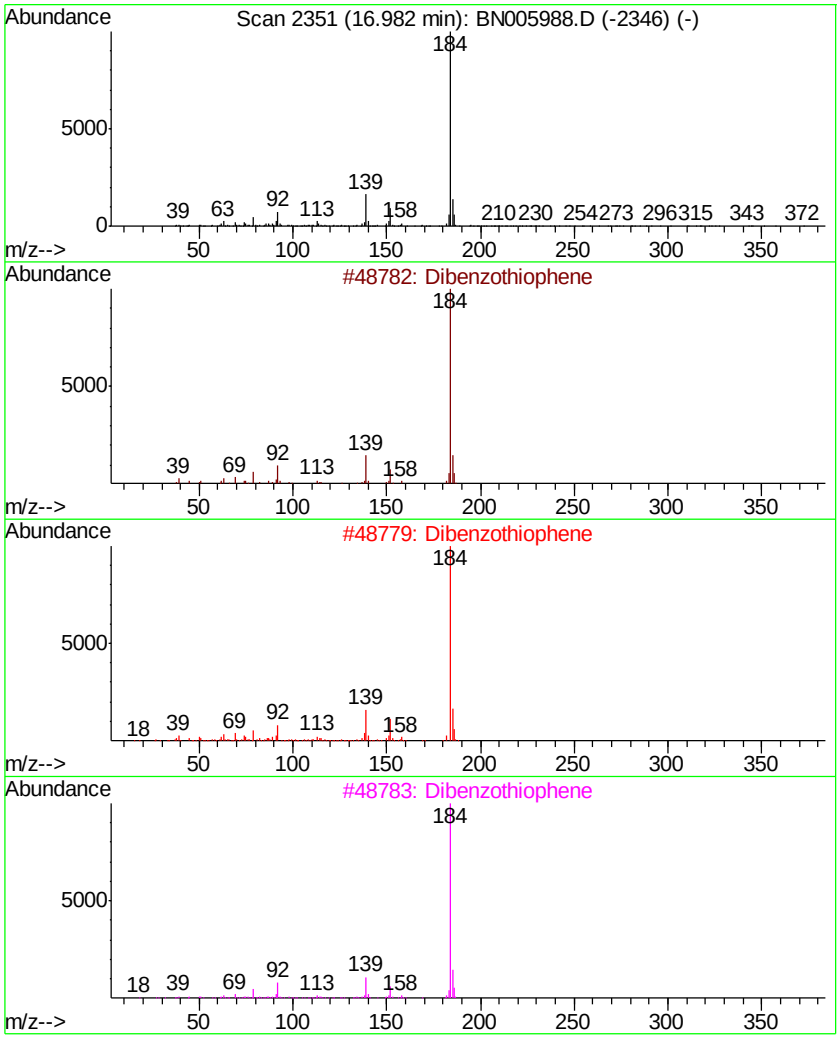
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

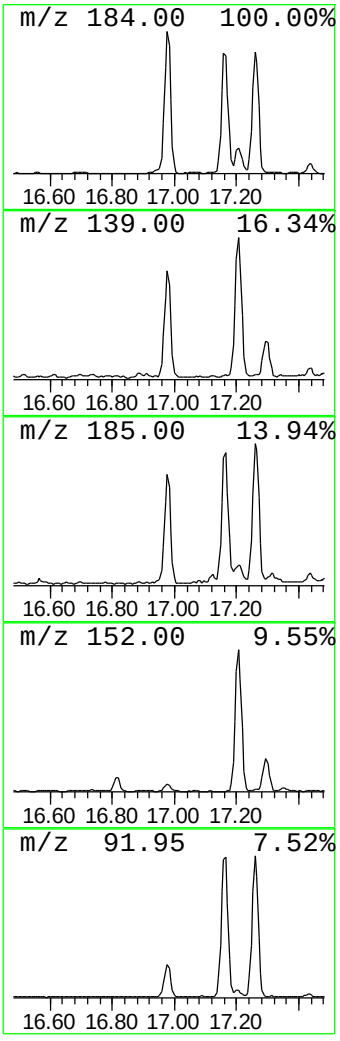
****

Peak Number 1 Dibenzothiophene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.98	3.10 ng/ul	763532	Phenanthrene-d10	17.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	96
2	Dibenzothiophene	184	C12H8S	000132-65-0	96
3	Dibenzothiophene	184	C12H8S	000132-65-0	95
4	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	95
5	Dibenzothiophene	184	C12H8S	000132-65-0	94





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN053119\
Data File : BN005988.D
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Misc :
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Instrument : BNA_N
ClientSampleId : A42D7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN052819MA.M
Quant Title : SVOA CALIBRATION

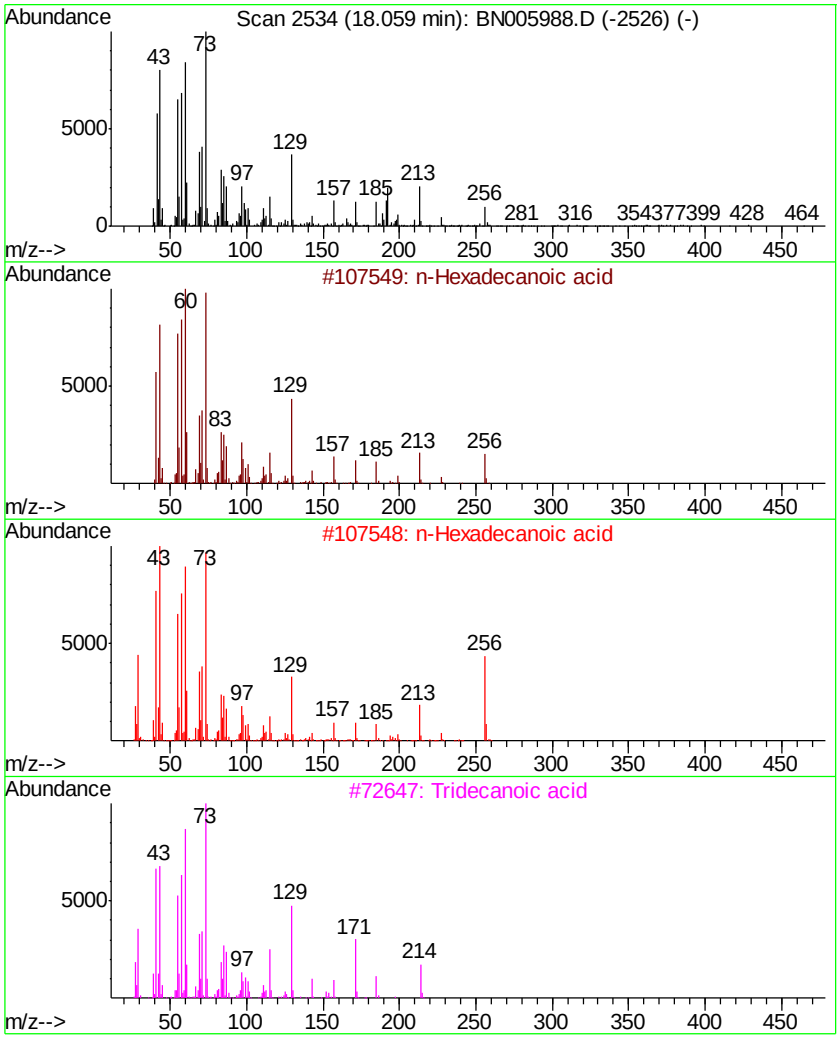
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

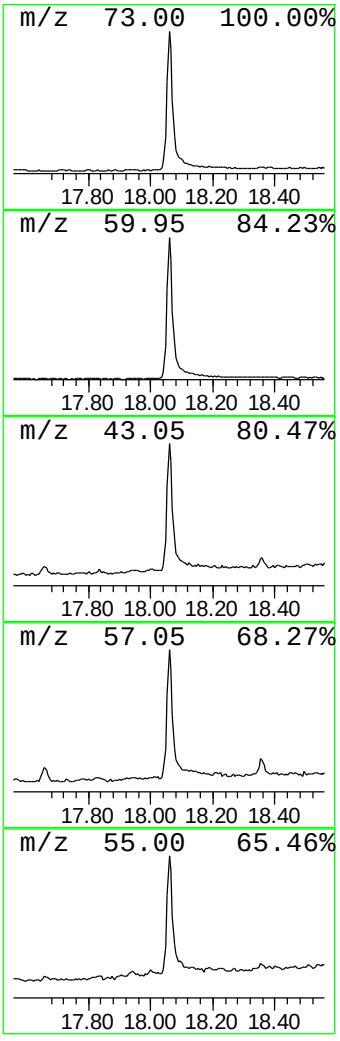
****

Peak Number 2 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.06	9.01 ng/ul	2222210	Phenanthrene-d10	17.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
3	Tridecanoic acid	214	C13H26O2	000638-53-9	95
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	91
5	Octadecanoic acid	284	C18H36O2	000057-11-4	91





Library Search Compound Report

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Misc :
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Instrument : BNA_N
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN052819MA.M
Quant Title : SVOA CALIBRATION

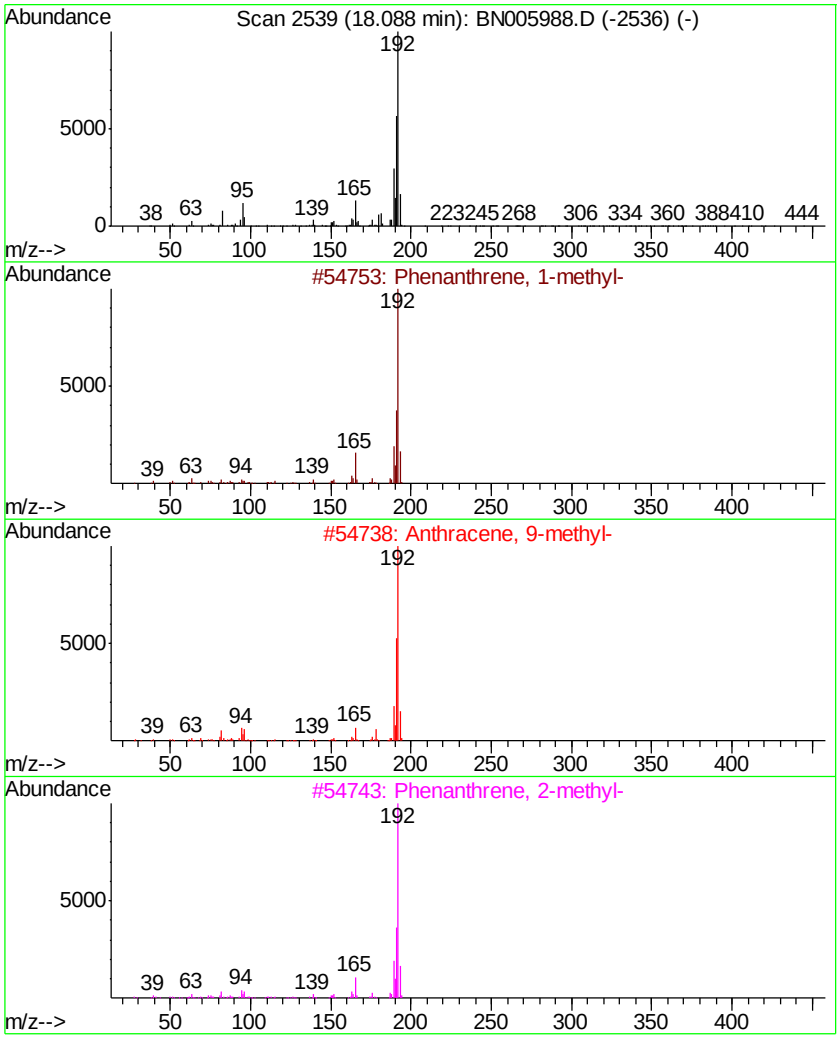
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

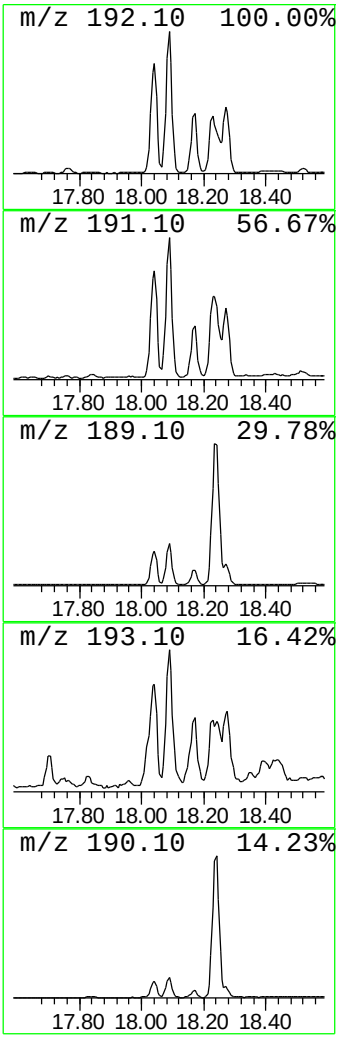
****

Peak Number 3 Phenanthrene, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.09	6.17 ng/ul	1522320	Phenanthrene-d10	17.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	94
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93





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Instrument : BNA_N
ClientSampleId : A42D7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN052819MA.M
Quant Title : SVOA CALIBRATION

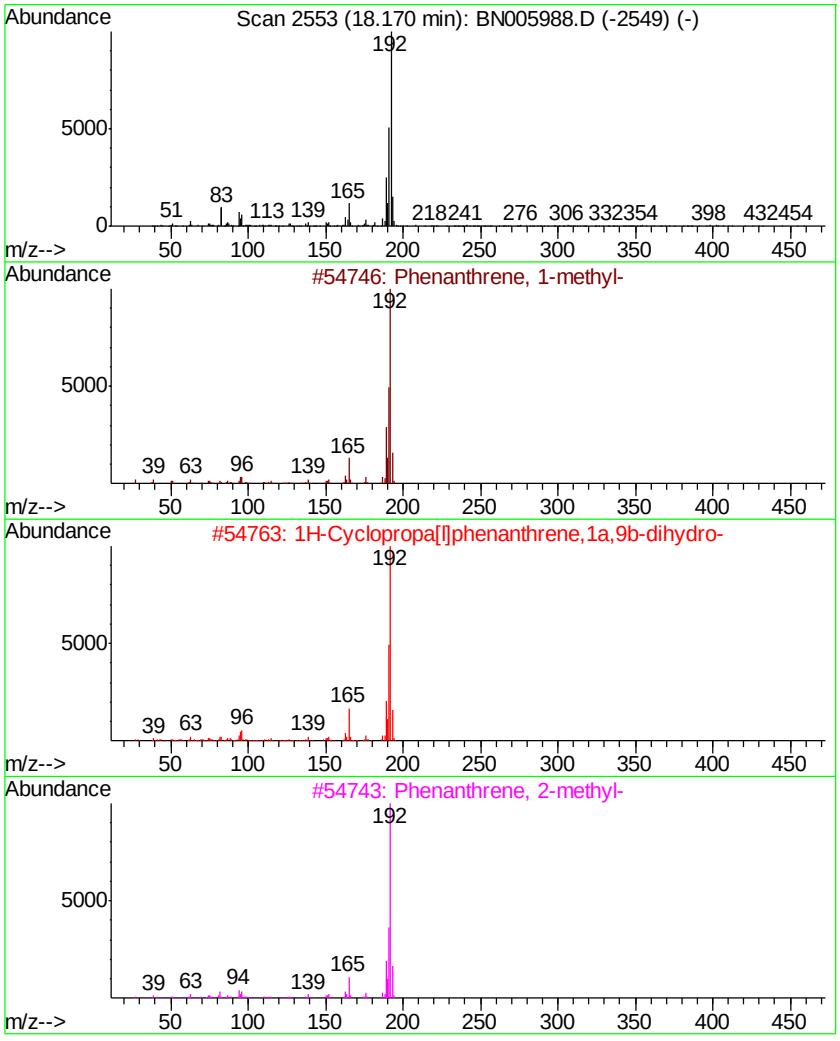
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

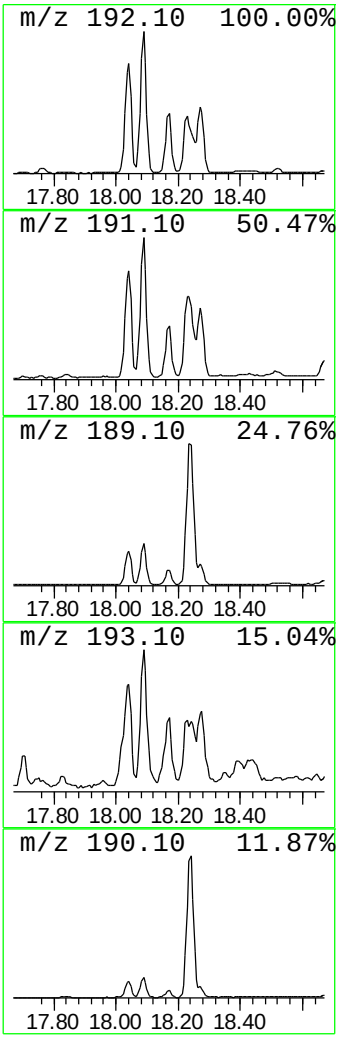
****

Peak Number 4 1H-Cyclopropa[l]phenanthren... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.17	2.26 ng/ul	557541	Phenanthrene-d10	17.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95





Library Search Compound Report

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Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A42D7

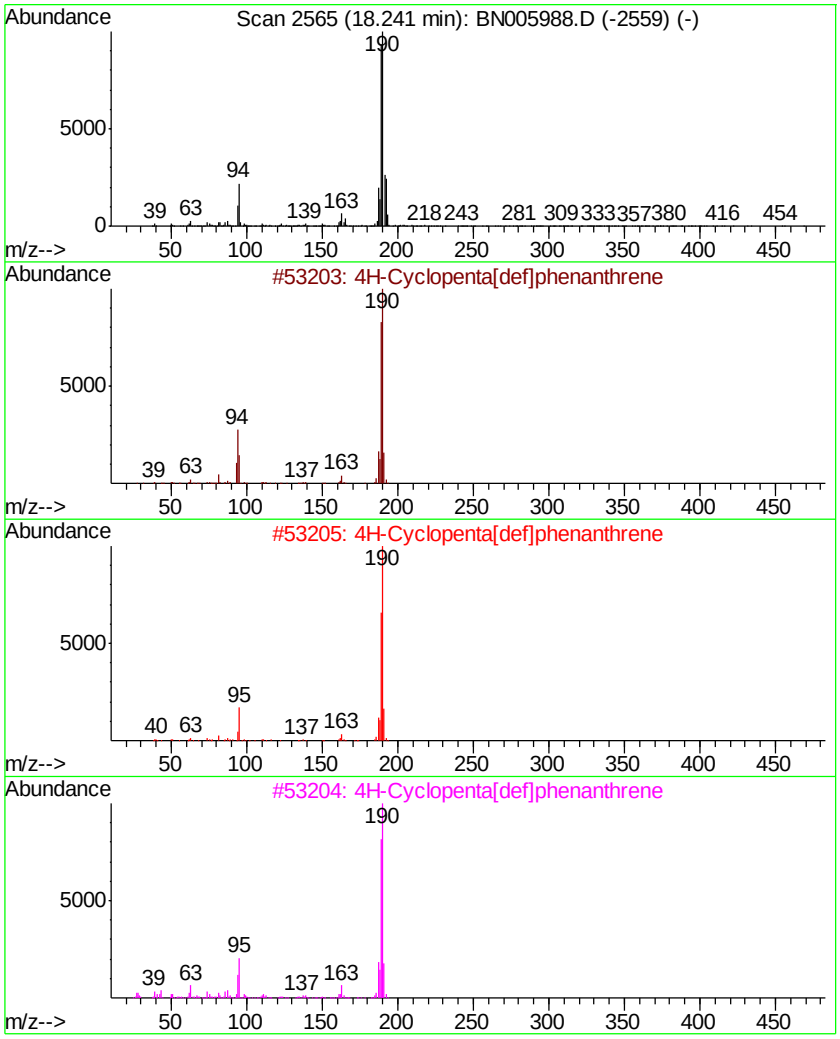
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN052819MA.M
Quant Title : SVOA CALIBRATION

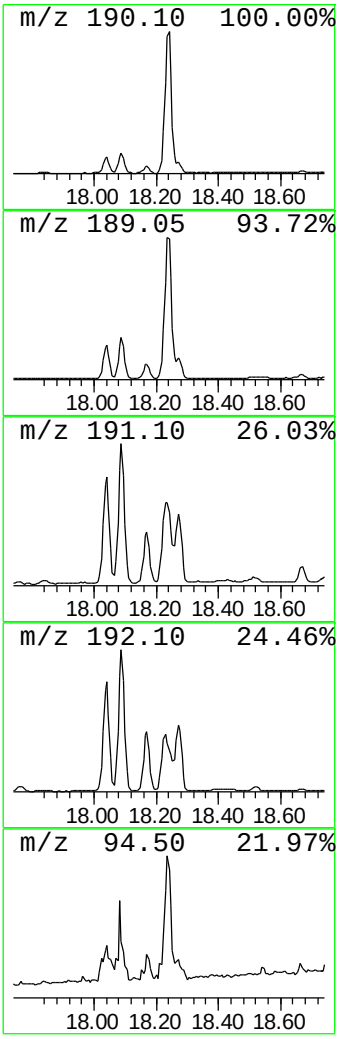
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 4H-Cyclopenta[def]phenanthrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.24	9.36 ng/ul	2307870	Phenanthrene-d10	17.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	76
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	68
4	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	64
5	1,4-Naphthalenedione, 2,5-dihydr...	190	C10H6O4	004923-55-1	25





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Data File : BN005988.D
Acq On : 31 May 2019 20:02
Operator : JU/SJ
Sample : K2923-19
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A42D7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN052819MA.M
Quant Title : SVOA CALIBRATION

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

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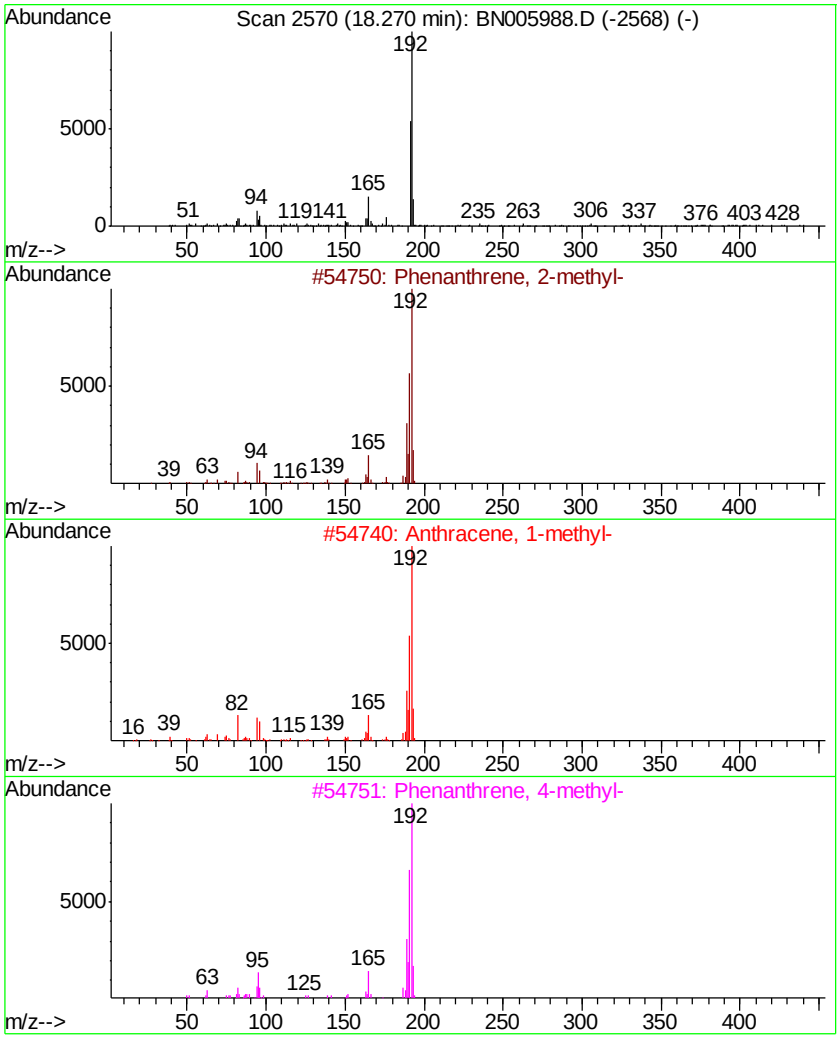
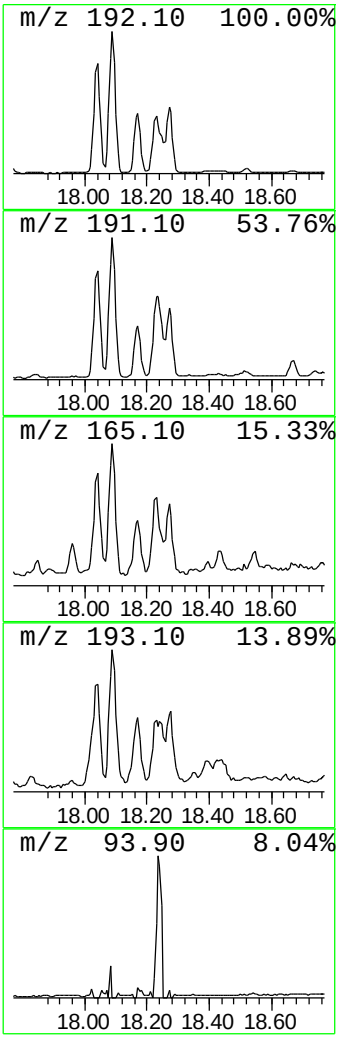
Peak Number 6 Phenanthrene, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.27	2.44 ng/ul	602241	Phenanthrene-d10	17.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	90
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	90
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	90
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	90





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Acq On : 31 May 2019 20:02
Operator : JU/SJ
Sample : K2923-19
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A42D7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN052819MA.M
Quant Title : SVOA CALIBRATION

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

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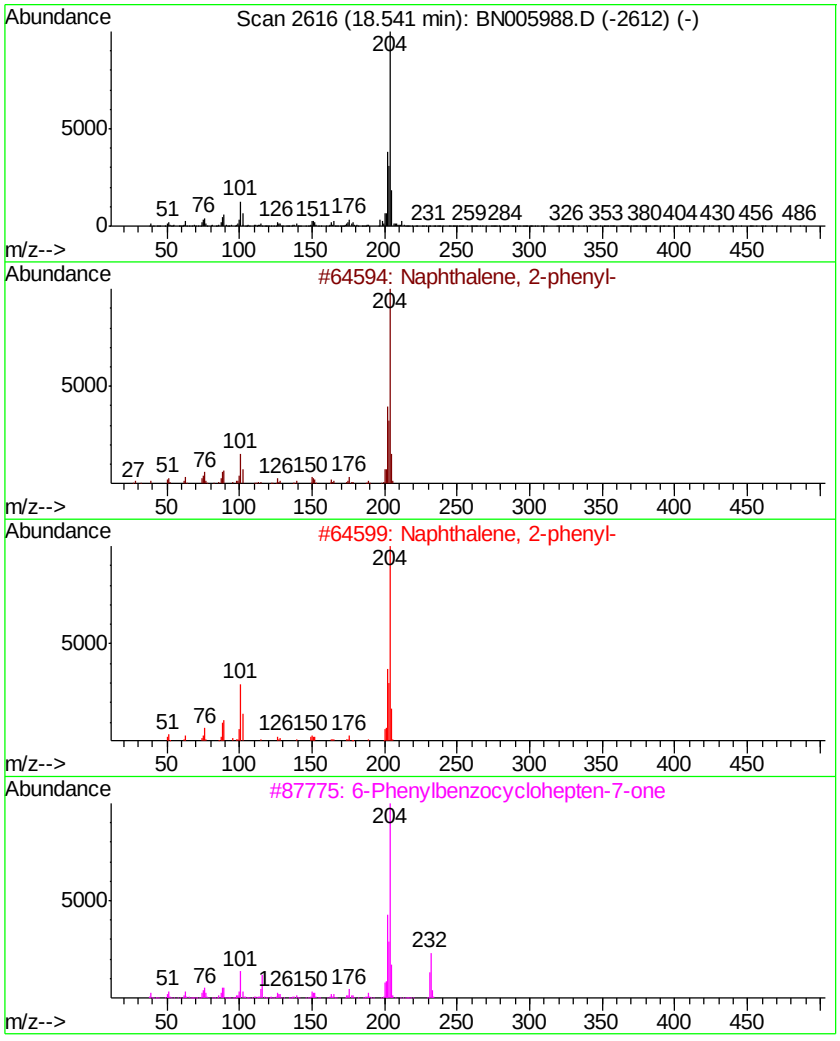
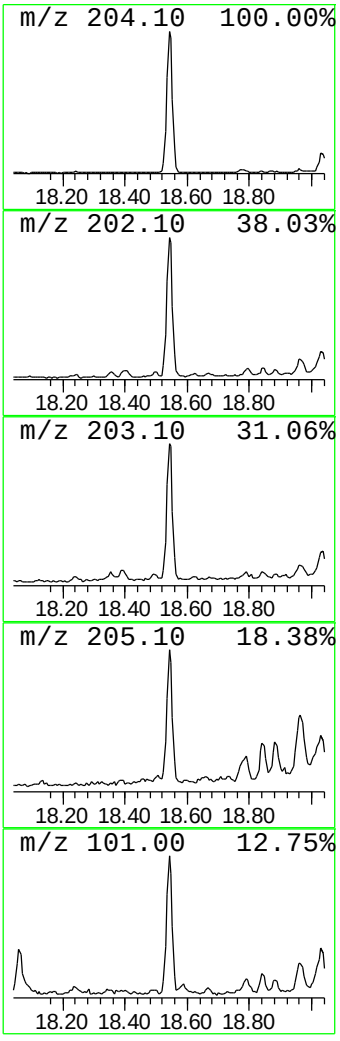
Peak Number 7 Naphthalene, 2-phenyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.54	3.38 ng/ul	834462	Phenanthrene-d10	17.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	95
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	93
3	6-Phenylbenzocyclohepten-7-one	232	C17H12O	093327-56-1	91
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	89
5	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	87





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Operator : JU/SJ
Sample : K2923-19
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A42D7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN052819MA.M
Quant Title : SVOA CALIBRATION

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

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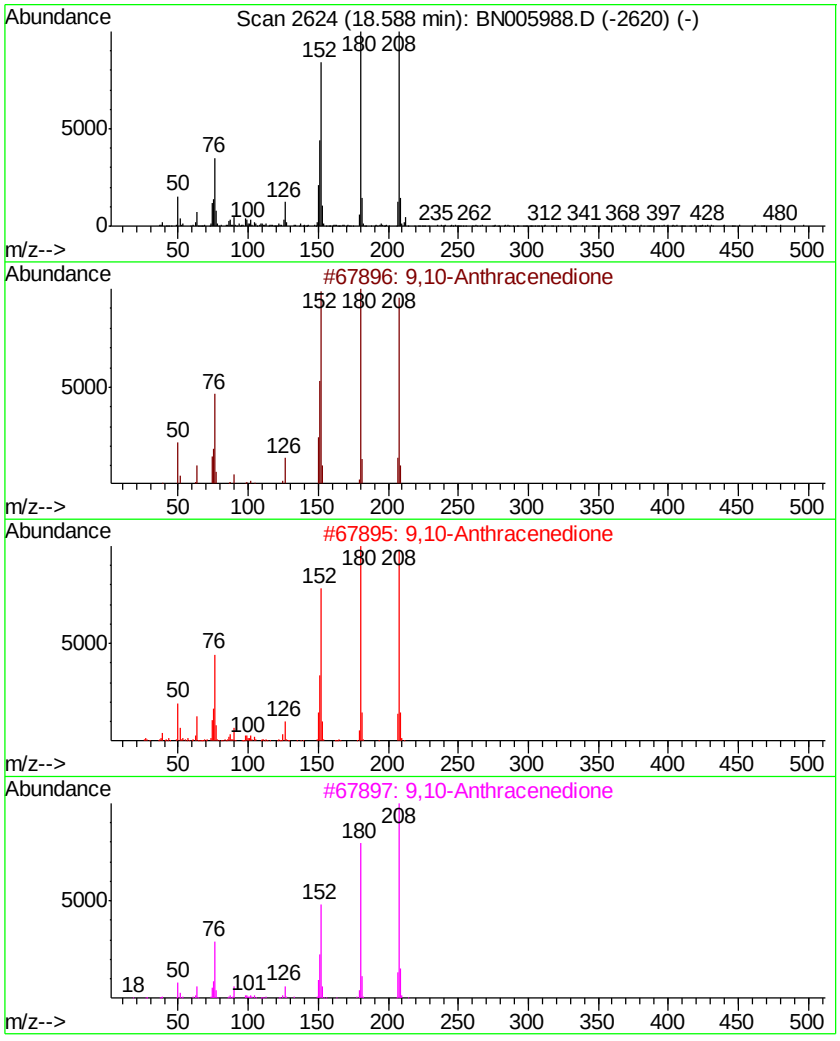
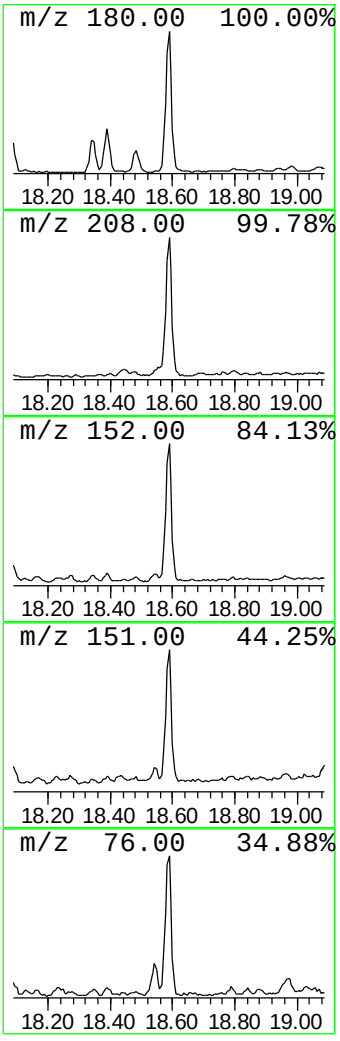
Peak Number 8 9,10-Anthracenedione Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.59	3.30 ng/ul	814798	Phenanthrene-d10	17.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	97
2	9,10-Anthracenedione	208	C14H8O2	000084-65-1	95
3	9,10-Anthracenedione	208	C14H8O2	000084-65-1	95
4	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	86
5	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	78





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Acq On : 31 May 2019 20:02
Operator : JU/SJ
Sample : K2923-19
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A42D7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN052819MA.M
Quant Title : SVOA CALIBRATION

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

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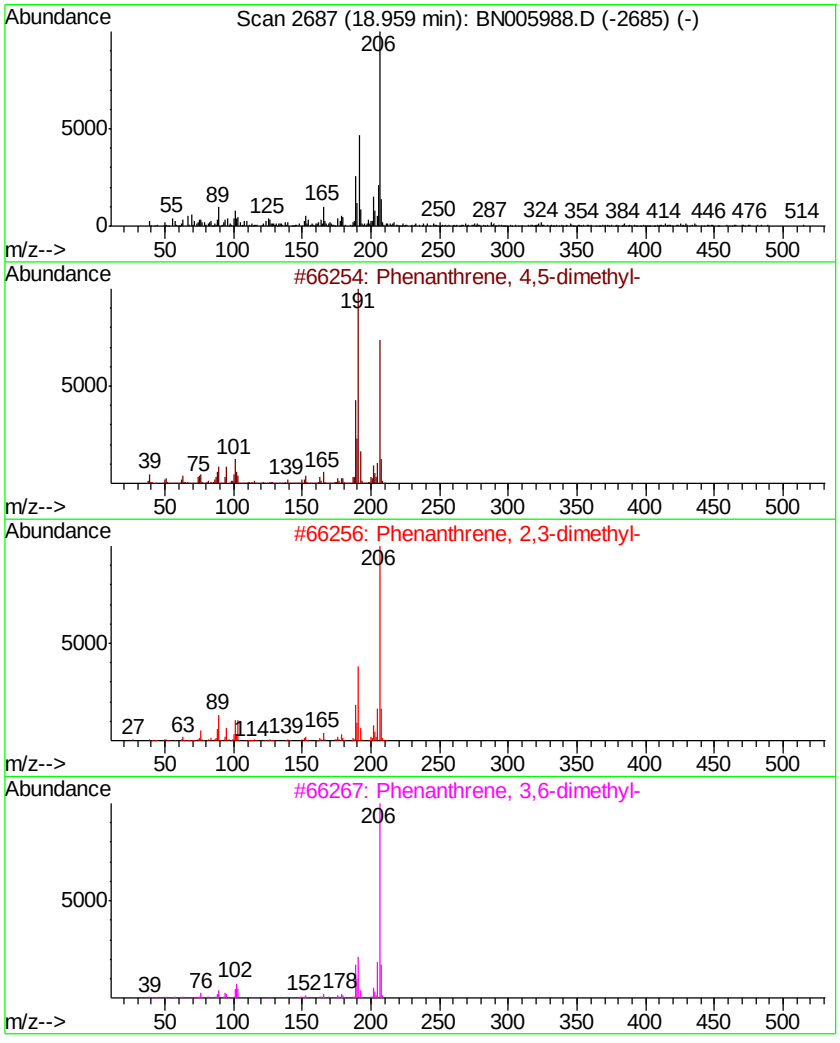
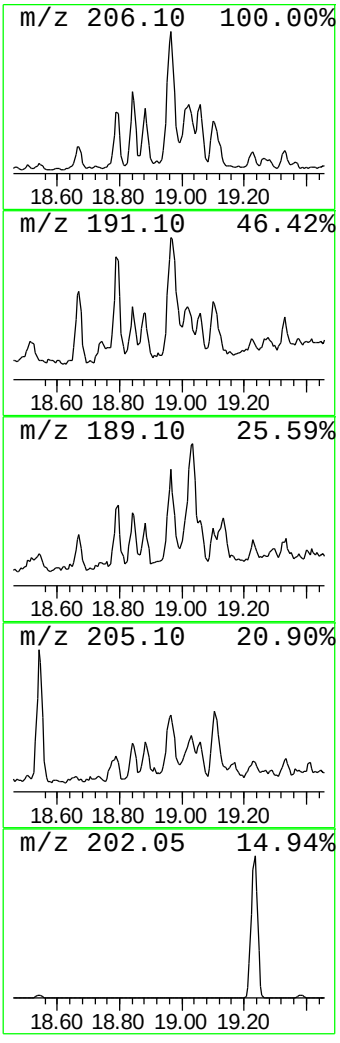
Peak Number 9 Phenanthrene, 4,5-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.96	2.38 ng/ul	587661	Phenanthrene-d10	17.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	93
2	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
4	3-Methyl-1-phenyl-1H-indene	206	C16H14	022360-63-0	90
5	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	87





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Data File : BN005988.D
Acq On : 31 May 2019 20:02
Operator : JU/SJ
Sample : K2923-19
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A42D7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN052819MA.M
Quant Title : SVOA CALIBRATION

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

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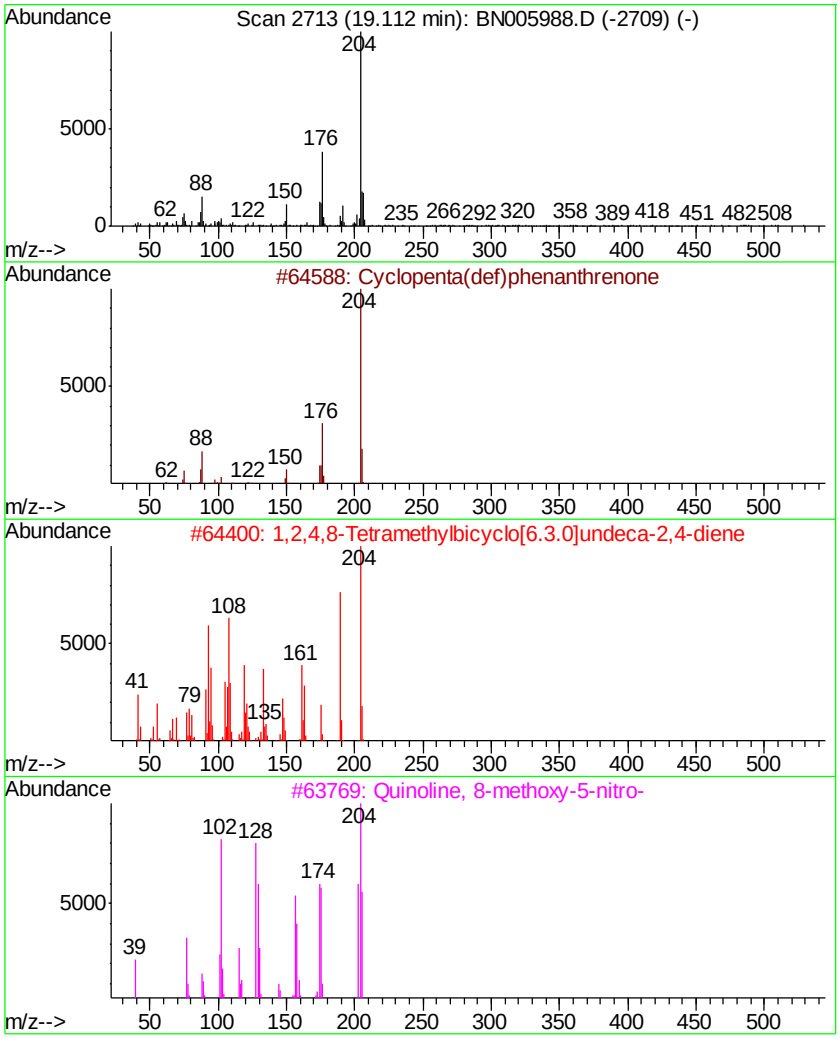
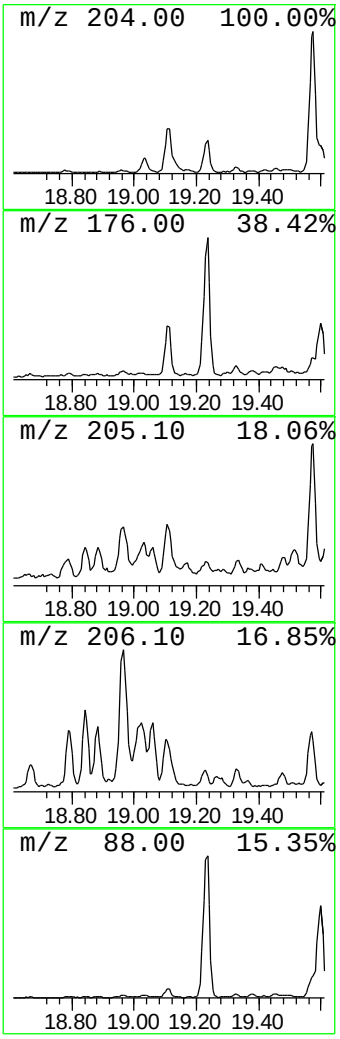
Peak Number 10 Cyclopenta(def)phenanthrenone Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.11	2.33 ng/ul	573600	Phenanthrene-d10	17.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	95
2	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	46
3	Quinoline, 8-methoxy-5-nitro-	204	C10H8N2O3	1000298-88-7	43
4	2-Chloro-4-phenylphenol	204	C12H9ClO	000092-04-6	43
5	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	42





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN053119\
Data File : BN005988.D
Acq On : 31 May 2019 20:02
Operator : JU/SJ
Sample : K2923-19
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A42D7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN052819MA.M
Quant Title : SVOA CALIBRATION

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

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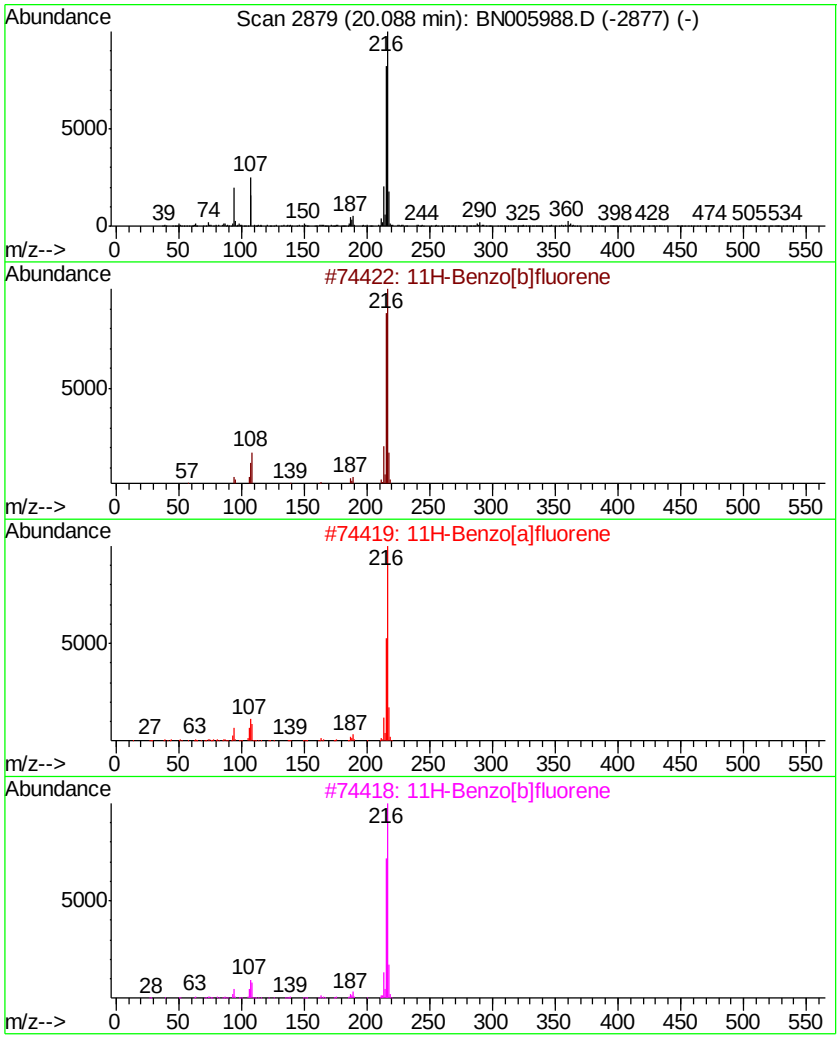
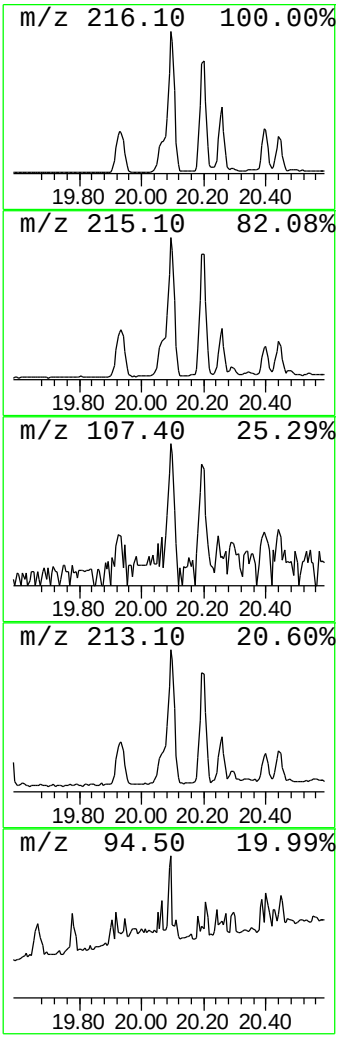
Peak Number 11 11H-Benzo[b]fluorene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.09	4.28 ng/ul	1948630	Chrysene-d12	21.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	81
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	81





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN053119\
Data File : BN005988.D
Acq On : 31 May 2019 20:02
Operator : JU/SJ
Sample : K2923-19
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A42D7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN052819MA.M
Quant Title : SVOA CALIBRATION

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

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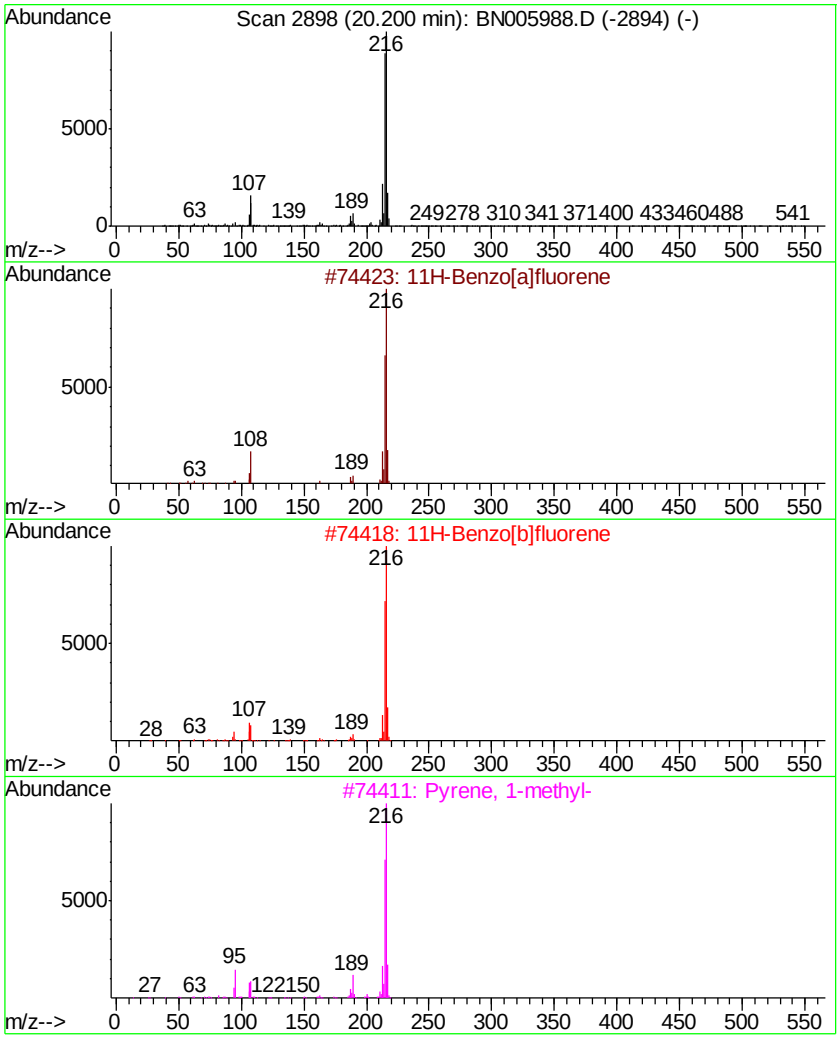
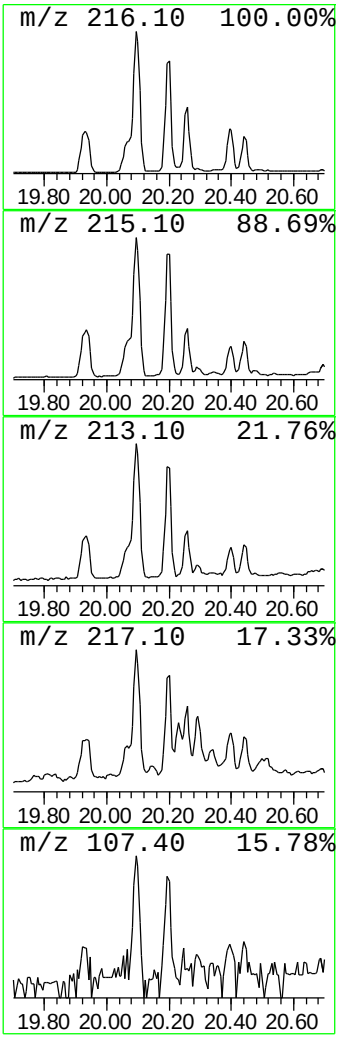
Peak Number 12 11H-Benzo[a]fluorene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.20	3.19 ng/ul	1452070	Chrysene-d12	21.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	81
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	81





Tentatively Identified Compound (LSC) summary

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Data File : BN005988.D
Acq On : 31 May 2019 20:02
Operator : JU/SJ
Sample : K2923-19
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A42D7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN052819MA.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
Dibenzothiophene	16.98	3.1	ng/ul	763532	4	17.16	4933160	20.0
n-Hexadecanoic acid	18.06	9.0	ng/ul	2222210	4	17.16	4933160	20.0
Phenanthrene, 1-m...	18.09	6.2	ng/ul	1522320	4	17.16	4933160	20.0
1H-Cyclopropa[l]p...	18.17	2.3	ng/ul	557541	4	17.16	4933160	20.0
4H-Cyclopenta[def...	18.24	9.4	ng/ul	2307870	4	17.16	4933160	20.0
Phenanthrene, 2-m...	18.27	2.4	ng/ul	602241	4	17.16	4933160	20.0
Naphthalene, 2-ph...	18.54	3.4	ng/ul	834462	4	17.16	4933160	20.0
9,10-Anthracenedione	18.59	3.3	ng/ul	814798	4	17.16	4933160	20.0
Phenanthrene, 4,5...	18.96	2.4	ng/ul	587661	4	17.16	4933160	20.0
Cyclopenta(def)ph...	19.11	2.3	ng/ul	573600	4	17.16	4933160	20.0
11H-Benzo[b]fluorene	20.09	4.3	ng/ul	1948630	5	21.38	9097430	20.0
11H-Benzo[a]fluorene	20.20	3.2	ng/ul	1452070	5	21.38	9097430	20.0