LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080219\
Data File : BF115958.D
Acq On : 2 Aug 2019 20:31
Operator : HP/JU
Sample : K4129-08
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 2S-E1-E4-(30)COMP

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % 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_F\METHODS\8270-BF073019.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.469	571	575	601	rBV	2184553	2437522	74.96%	6.056%
2	6.486	743	748	767	rBV	2340565	2600190	79.97%	6.460%
3	6.622	767	771	774	rBV	2973998	2590101	79.66%	6.435%
4	6.851	806	810	819	rBV	954924	767387	23.60%	1.907%
5	7.010	833	837	840	rBV	2179534	2070567	63.68%	5.144%
6	7.410	901	905	925	rBV	1752287	1691659	52.03%	4.203%
7	8.133	1024	1028	1046	rBV	1040826	987472	30.37%	2.453%
8	9.210	1207	1211	1222	rBV	3283321	3010333	92.58%	7.479%
9	9.604	1275	1278	1288	rBV	378916	346989	10.67%	0.862%
10	9.892	1323	1327	1330	rBV	1357837	1145816	35.24%	2.847%
11	9.922	1330	1332	1342	rVB	55927	58147	1.79%	0.144%
12	10.439	1417	1420	1426	rVB2	35148	34085	1.05%	0.085%
13	10.680	1457	1461	1470	rBV	1915768	1931661	59.41%	4.799%
14	11.186	1543	1547	1550	rBV2	71267	66232	2.04%	0.165%
15	11.239	1550	1556	1559	rBV3	74382	112912	3.47%	0.281%
16	11.269	1559	1561	1567	rVB2	101998	121396	3.73%	0.302%
17	11.321	1567	1570	1574	rBV	73337	130519	4.01%	0.324%
18	11.380	1576	1580	1582	rVV	1325183	1263274	38.85%	3.139%
19	11.404	1582	1584	1586	rVV	598493	518609	15.95%	1.288%
20	11.421	1586	1587	1590	rVV	120211	112840	3.47%	0.280%
21	11.457	1590	1593	1597	rVB2	220703	242204	7.45%	0.602%
22	11.504	1597	1601	1603	rBV2	150315	152342	4.69%	0.378%
23	11.533	1603	1606	1608	rBV	110710	103494	3.18%	0.257%
24	11.557	1608	1610	1615	rVB5	86575	122220	3.76%	0.304%
25	11.604	1615	1618	1621	rBV3	257113	290036	8.92%	0.721%
26	11.680	1628	1631	1633	rBV	136223	205571	6.32%	0.511%
27	11.733	1638	1640	1643	rVB3	143492	153292	4.71%	0.381%
28	11.774	1643	1647	1649	rBV2	185340	211050	6.49%	0.524%
29	11.798	1649	1651	1653	rVB2	159350	125748	3.87%	0.312%
30	11.821	1653	1655	1657	rBV	100047	75338	2.32%	0.187%
31	11.868	1657	1663	1666	rBV5	141410	325069	10.00%	0.808%
32	11.910	1667	1670	1674	rVB5	270867	333870	10.27%	0.829%
33	11.957	1674	1678	1680	rBV3	96505	160858	4.95%	0.400%
34	11.992	1682	1684	1686	rBV	166562	136373	4.19%	0.339%

LSC Area Percent Report

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Operator : HP/JU
Sample : K4129-08
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 2S-E1-E4-(30)COMP

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % 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_F\METHODS\8270-BF073019.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.068	1695	1697	1702	rBV2	95868	101630	3.13%	0.252%
36	12.121	1703	1706	1710	rVB4	87221	131989	4.06%	0.328%
37	12.180	1713	1716	1718	rBV	57555	57914	1.78%	0.144%
38	12.298	1734	1736	1738	rBV2	100617	111128	3.42%	0.276%
39	12.380	1748	1750	1752	rBV2	108551	104496	3.21%	0.260%
40	12.427	1756	1758	1761	rVV2	82951	104563	3.22%	0.260%
41	12.468	1762	1765	1770	rVB3	143039	193482	5.95%	0.481%
42	12.592	1783	1786	1791	rBV	1419479	1308332	40.24%	3.250%
43	12.821	1820	1825	1831	rVB	1155795	1215101	37.37%	3.019%
44	12.963	1845	1849	1853	rBV	3235211	3251568	100.00%	8.078%
45	13.045	1858	1863	1870	rVB4	87622	194617	5.99%	0.484%
46	13.127	1874	1877	1878	rBV3	66953	64682	1.99%	0.161%
47	13.151	1878	1881	1884	rVB	238119	226525	6.97%	0.563%
48	13.215	1890	1892	1895	rVB	171933	139176	4.28%	0.346%
49	13.251	1895	1898	1901	rBV2	111864	129324	3.98%	0.321%
50	13.345	1912	1914	1917	rBV	55188	49164	1.51%	0.122%
51	13.380	1917	1920	1922	rBV	68698	74720	2.30%	0.186%
52	13.768	1984	1986	1988	rBV	69384	52988	1.63%	0.132%
53	13.798	1988	1991	1993	rVB	100226	82482	2.54%	0.205%
54	13.821	1993	1995	1999	rBV2	83857	99236	3.05%	0.247%
55	13.868	2000	2003	2012	rVV4	188397	344696	10.60%	0.856%
56	14.021	2024	2029	2031	rBV2	1426231	1775686	54.61%	4.412%
57	14.045	2031	2033	2039	rVB	600626	528879	16.27%	1.314%
58	14.127	2044	2047	2052	rVB2	193997	178202	5.48%	0.443%
59	14.174	2053	2055	2060	rBV4	96437	100534	3.09%	0.250%
60	14.368	2086	2088	2091	rBV3	42674	38255	1.18%	0.095%
61	14.410	2092	2095	2097	rVB	90035	85336	2.62%	0.212%
62	14.480	2104	2107	2110	rBV2	158857	155023	4.77%	0.385%
63	14.533	2113	2116	2118	rBV	62892	64639	1.99%	0.161%
64	14.721	2146	2148	2151	rBV2	37224	35254	1.08%	0.088%
65	14.786	2156	2159	2169	rVB	178876	226738	6.97%	0.563%
66	15.062	2202	2206	2209	rBV	440593	653569	20.10%	1.624%
67	15.121	2213	2216	2221	rVB2	199731	261161	8.03%	0.649%
68	15.168	2222	2224	2228	rBV	71294	71472	2.20%	0.178%
69	15.362	2254	2257	2264	rVB	230942	318514	9.80%	0.791%
70	15.427	2264	2268	2274	rVV	379758	476083	14.64%	1.183%
71	15.492	2274	2279	2293	rVB	901395	1431591	44.03%	3.557%

LSC Area Percent Report

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Sample : K4129-08
Misc :
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Instrument : BNA_F
ClientSampleId : 2S-E1-E4-(30)COMP

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % 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_F\METHODS\8270-BF073019.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	15.939	2350	2355	2359	rBV	131426	199092	6.12%	0.495%
73	16.056	2372	2375	2380	rVB2	31932	45769	1.41%	0.114%
74	16.439	2436	2440	2445	rVB2	58611	86293	2.65%	0.214%
75	16.962	2523	2529	2537	rBV2	152553	320045	9.84%	0.795%
76	17.033	2537	2541	2548	rVB3	35257	79592	2.45%	0.198%
77	17.139	2554	2559	2564	rBV	33458	64893	2.00%	0.161%
78	17.203	2565	2570	2575	rVV3	27376	54765	1.68%	0.136%
79	17.409	2599	2605	2616	rBV	112594	268831	8.27%	0.668%
80	17.656	2642	2647	2652	rBV2	26513	57585	1.77%	0.143%

Sum of corrected areas: 40250790

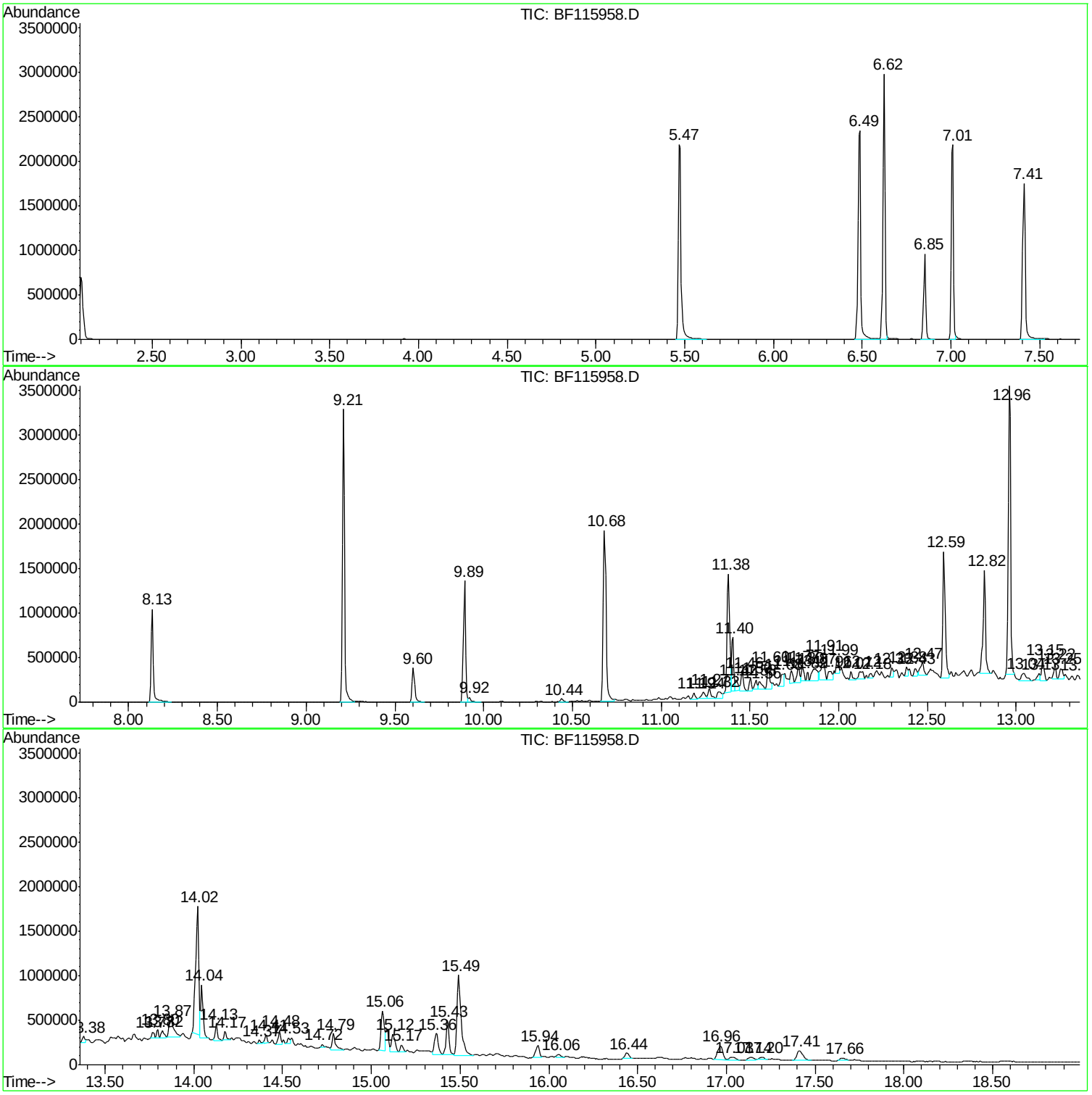
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080219\
Data File : BF115958.D
Acq On : 2 Aug 2019 20:31
Operator : HP/JU
Sample : K4129-08
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 2S-E1-E4-(30)COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080219\
Data File : BF115958.D
Acq On : 2 Aug 2019 20:31
Operator : HP/JU
Sample : K4129-08
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 2S-E1-E4-(30)COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

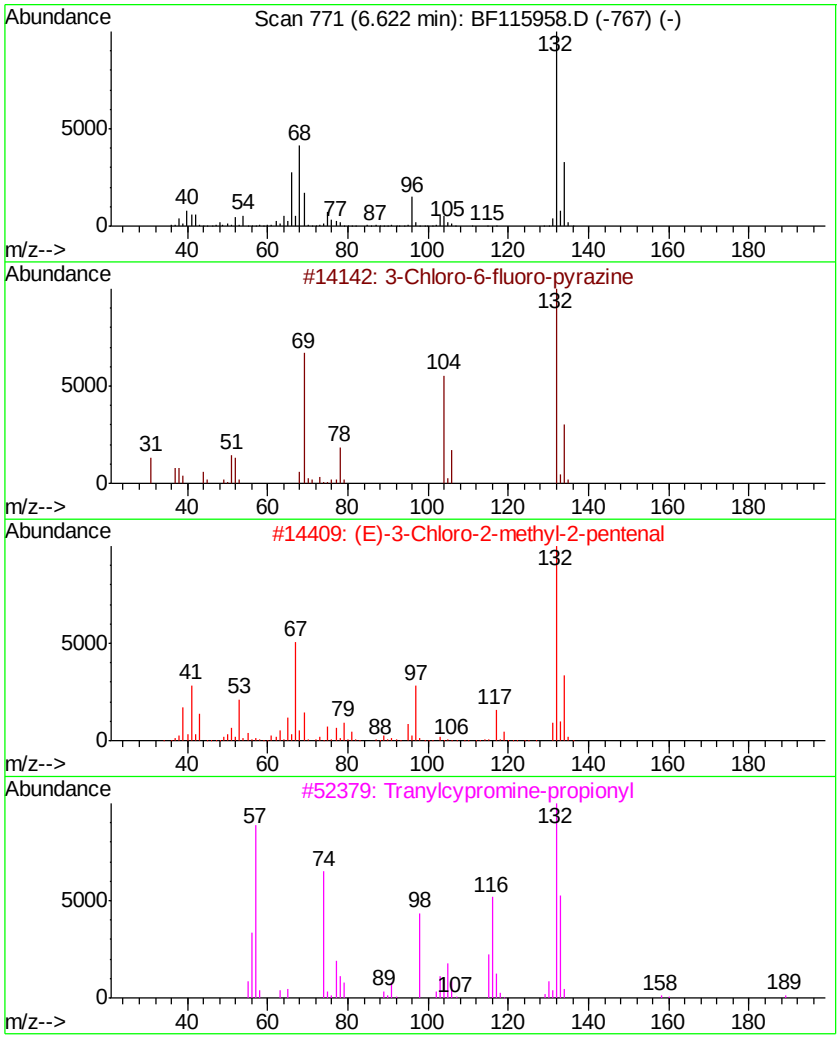
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

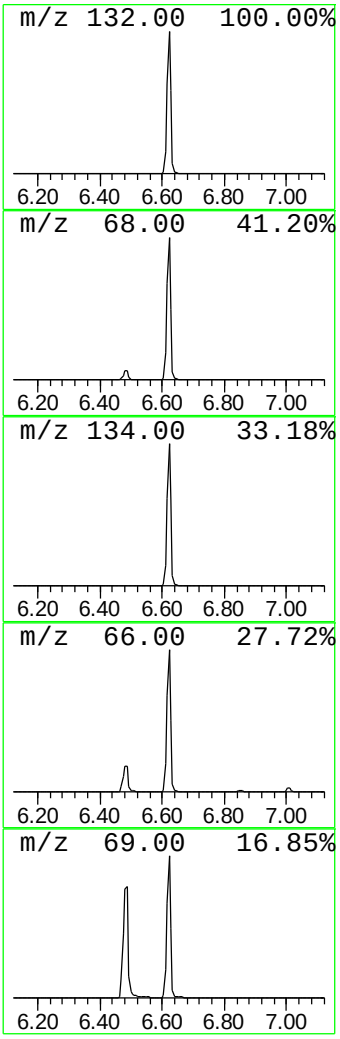
****

Peak Number 1 unknown6.62 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.62	67.50 ng	2590100	1,4-Dichlorobenzene-d4	6.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	5-Aminoindole	132	C8H8N2	005192-03-0	12
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





Library Search Compound Report

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Acq On : 2 Aug 2019 20:31
Operator : HP/JU
Sample : K4129-08
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 2S-E1-E4-(30)COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

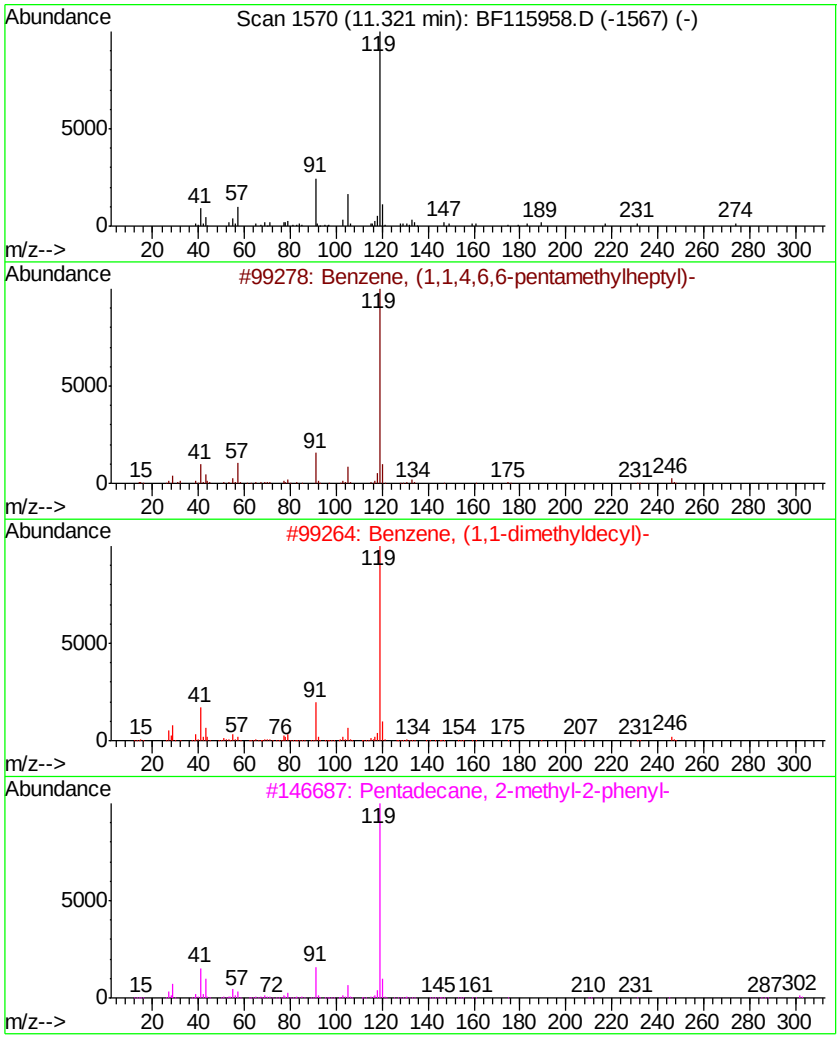
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

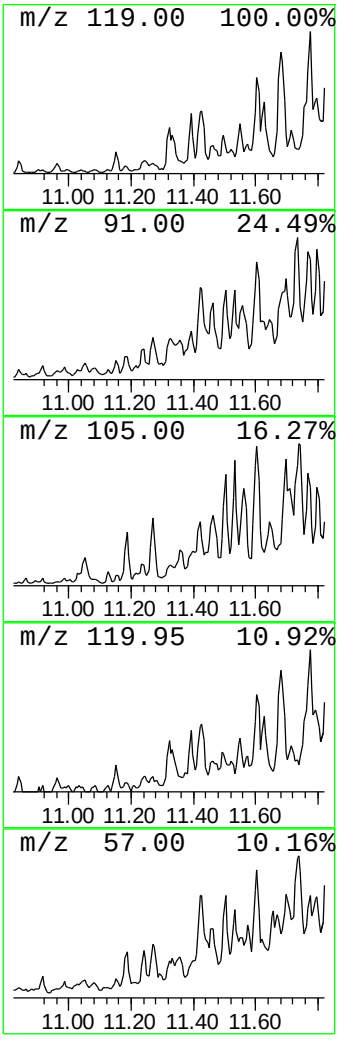
****

Peak Number 3 Benzene, (1,1,4,6,6-pentame... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.32	2.07 ng	130519	Phenanthrene-d10	11.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1,1,4,6,6-pentamethylh...	246	C18H30	055134-07-1	78
2	Benzene, (1,1-dimethyldecyl)-	246	C18H30	027854-40-6	64
3	Pentadecane, 2-methyl-2-phenyl-	302	C22H38	029138-94-1	64
4	Dicumyl peroxide	270	C18H22O2	000080-43-3	59
5	Benzene, (1,1-dimethylnonyl)-	232	C17H28	055191-25-8	59





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Sample : K4129-08
Misc :
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Instrument : BNA_F
ClientSampleId : 2S-E1-E4-(30)COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

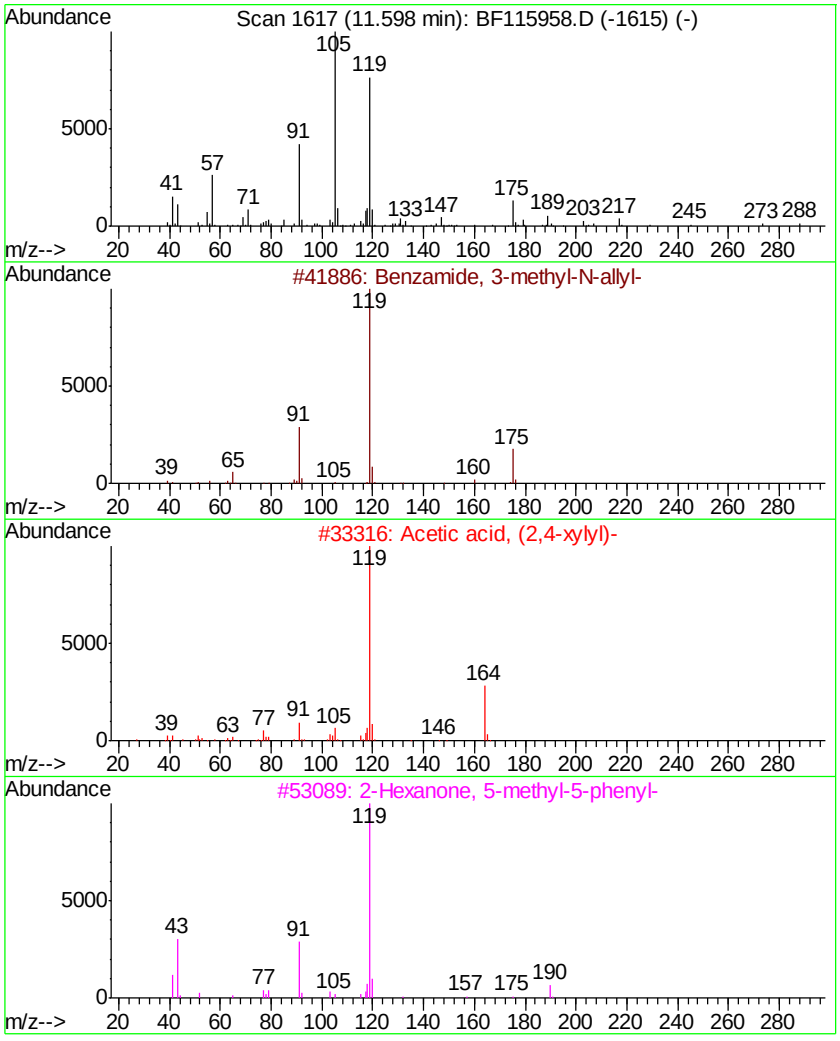
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

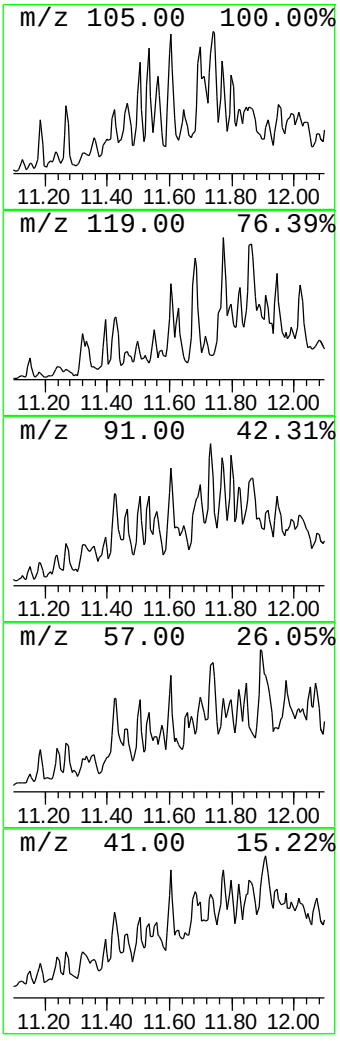
****

Peak Number 4 Benzamide, 3-methyl-N-allyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.60	4.59 ng	290036	Phenanthrene-d10	11.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzamide, 3-methyl-N-allyl-	175	C11H13NO	1000339-09-8	52
2	Acetic acid, (2,4-xylyl)-	164	C10H12O2	006331-04-0	50
3	2-Hexanone, 5-methyl-5-phenyl-	190	C13H18O	014128-61-1	47
4	o-Toluic acid, morpholide	205	C12H15NO2	1000307-00-0	47
5	Benzene, 1,1'-(1,1,2,2-tetrameth...	238	C18H22	001889-67-4	47





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Instrument : BNA_F
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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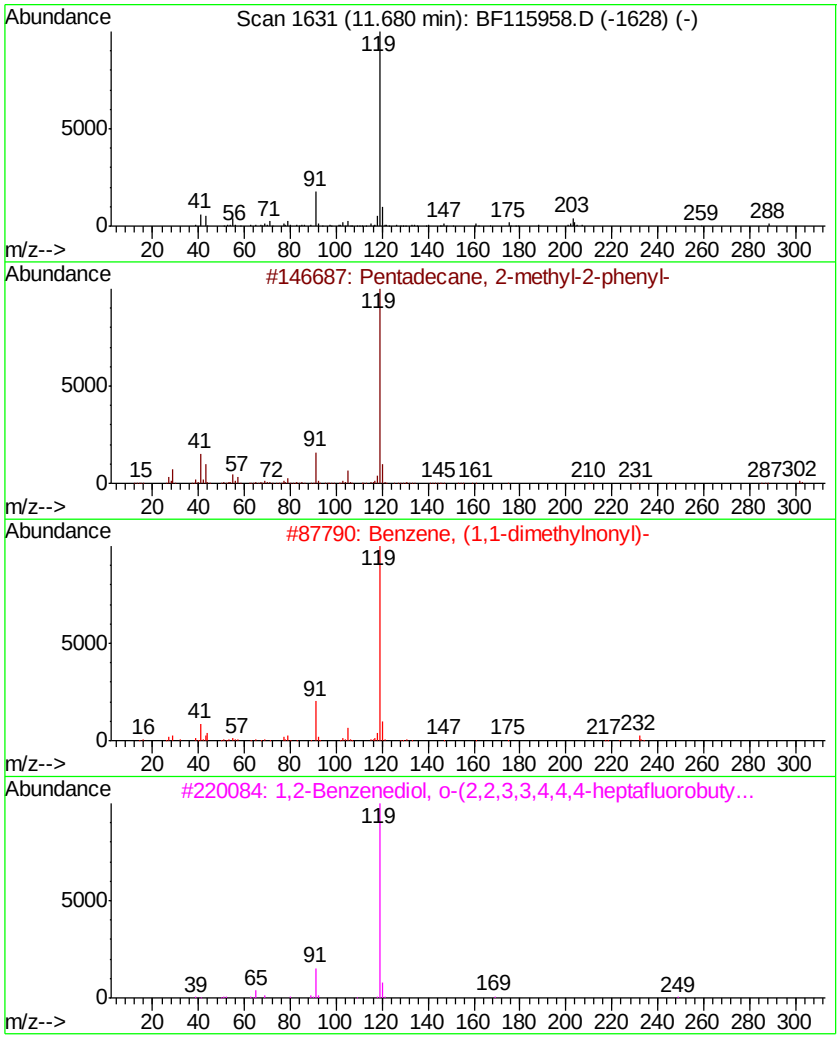
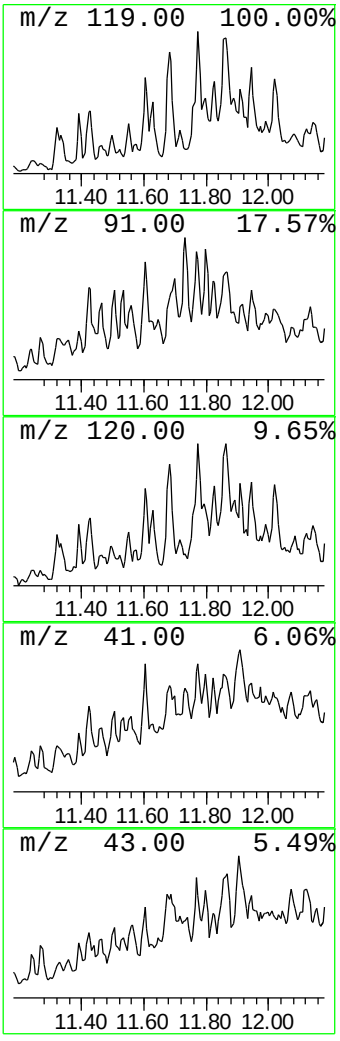
Peak Number 5 Pentadecane, 2-methyl-2-phe... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.68	3.25 ng	205571	Phenanthrene-d10	11.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2-methyl-2-phenyl-	302	C22H38	029138-94-1	72
2	Benzene, (1,1-dimethylnonyl)-	232	C17H28	055191-25-8	72
3	1,2-Benzenediol, o-(2,2,3,3,4,4,...	424	C18H11F7O4	1000325-97-7	64
4	p-Toluic acid, tridec-2-ynyl ester	314	C21H30O2	1000292-50-9	64
5	2-Methylbenzoic acid, 2-biphenyl...	288	C20H16O2	1000331-28-5	64





Library Search Compound Report

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Data File : BF115958.D
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Operator : HP/JU
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Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 2S-E1-E4-(30)COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

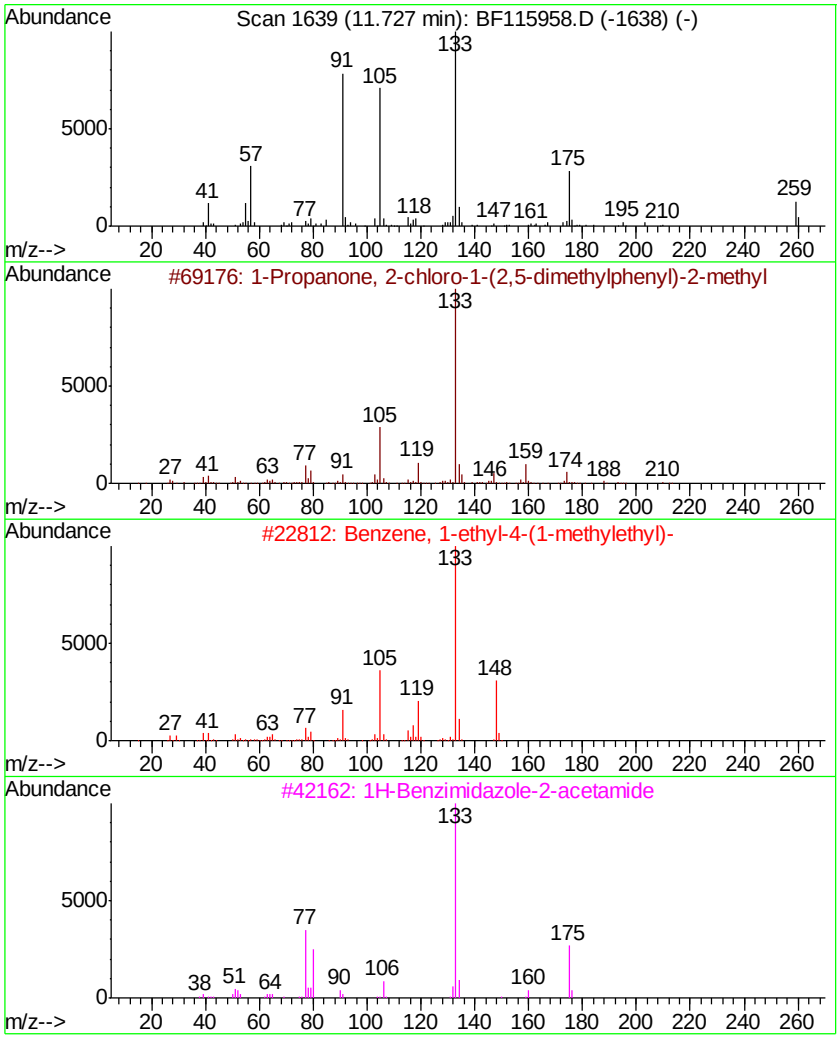
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

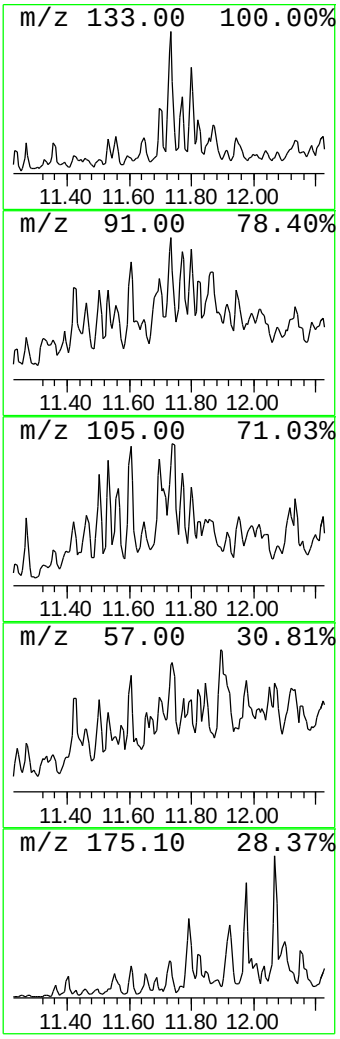
****

Peak Number 6 1-Propanone, 2-chloro-1-(2,... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.73	2.43 ng	153292	Phenanthrene-d10	11.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Propanone, 2-chloro-1-(2,5-dim...	210	C12H15ClO	054965-52-5	50
2	Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	50
3	1H-Benzimidazole-2-acetamide	175	C9H9N3O	060792-56-5	47
4	3-Phenylpropionic acid, 4-cyanop...	251	C16H13NO2	1000307-78-4	45
5	Benzene, 2,4-dimethyl-1-(1-methy...	162	C12H18	001483-60-9	43





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080219\
Data File : BF115958.D
Acq On : 2 Aug 2019 20:31
Operator : HP/JU
Sample : K4129-08
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 2S-E1-E4-(30)COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

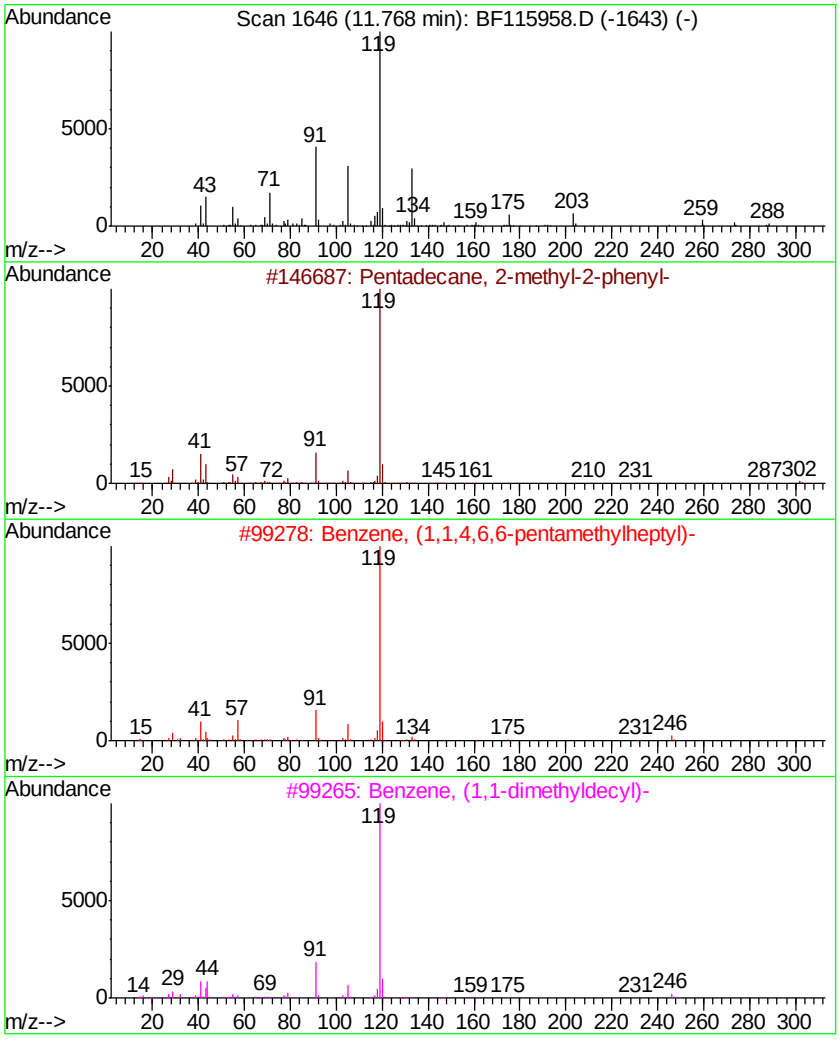
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

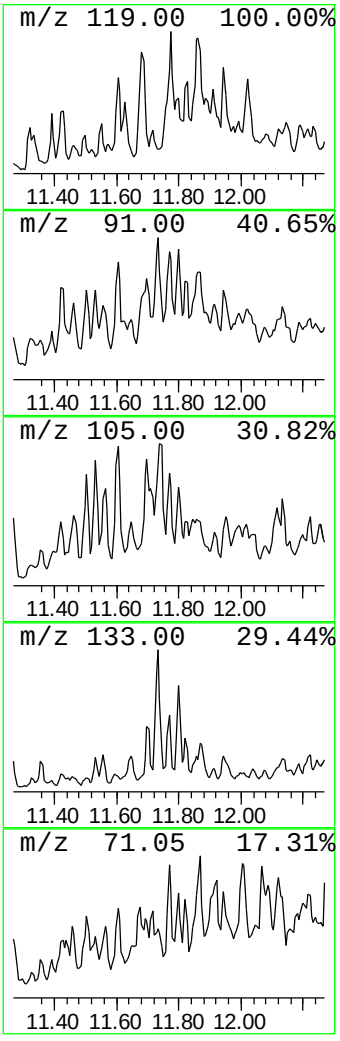
****

Peak Number 7 Benzene, (1,1-dimethyldecyl)- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.77	3.34 ng	211050	Phenanthrene-d10	11.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2-methyl-2-phenyl-	302	C22H38	029138-94-1	64
2	Benzene, (1,1,4,6,6-pentamethylh...	246	C18H30	055134-07-1	64
3	Benzene, (1,1-dimethyldecyl)-	246	C18H30	027854-40-6	64
4	Benzene, (1,1-dimethylnonyl)-	232	C17H28	055191-25-8	64
5	Tridecane, 2-methyl-2-phenyl-	274	C20H34	027854-41-7	64





Library Search Compound Report

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Acq On : 2 Aug 2019 20:31
Operator : HP/JU
Sample : K4129-08
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 2S-E1-E4-(30)COMP

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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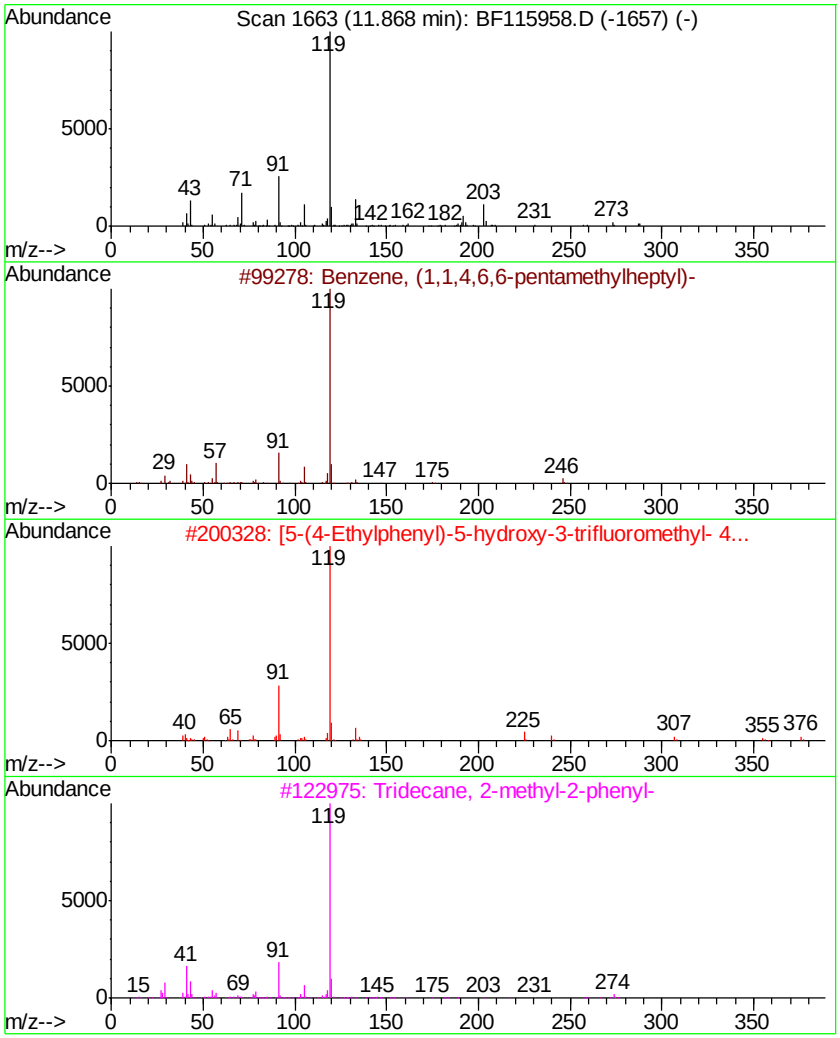
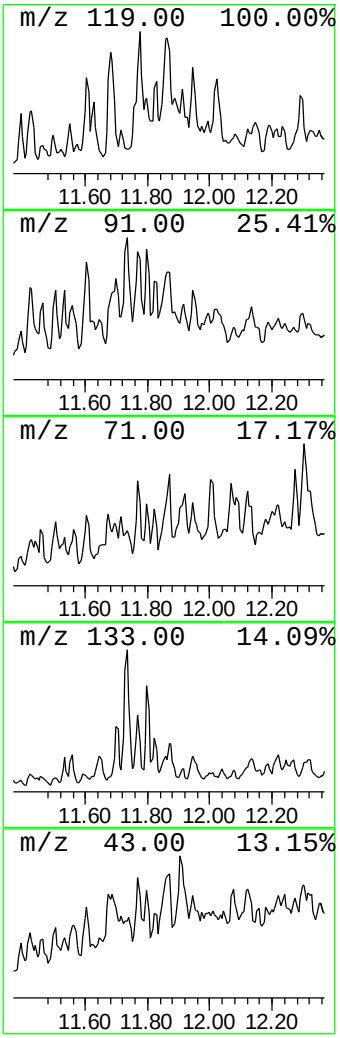
Peak Number 8 [5-(4-Ethylphenyl)-5-hydrox... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.87	5.15 ng	325069	Phenanthrene-d10	11.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1,1,4,6,6-pentamethylh...	246	C18H30	055134-07-1	59
2	[5-(4-Ethylphenyl)-5-hydroxy-3-t...	376	C20H19F3N2O2	1000311-59-5	59
3	Tridecane, 2-methyl-2-phenyl-	274	C20H34	027854-41-7	59
4	Pentadecane, 2-methyl-2-phenyl-	302	C22H38	029138-94-1	59
5	Benzene, (1,1-dimethyldecyl)-	246	C18H30	027854-40-6	59





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Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 2S-E1-E4-(30)COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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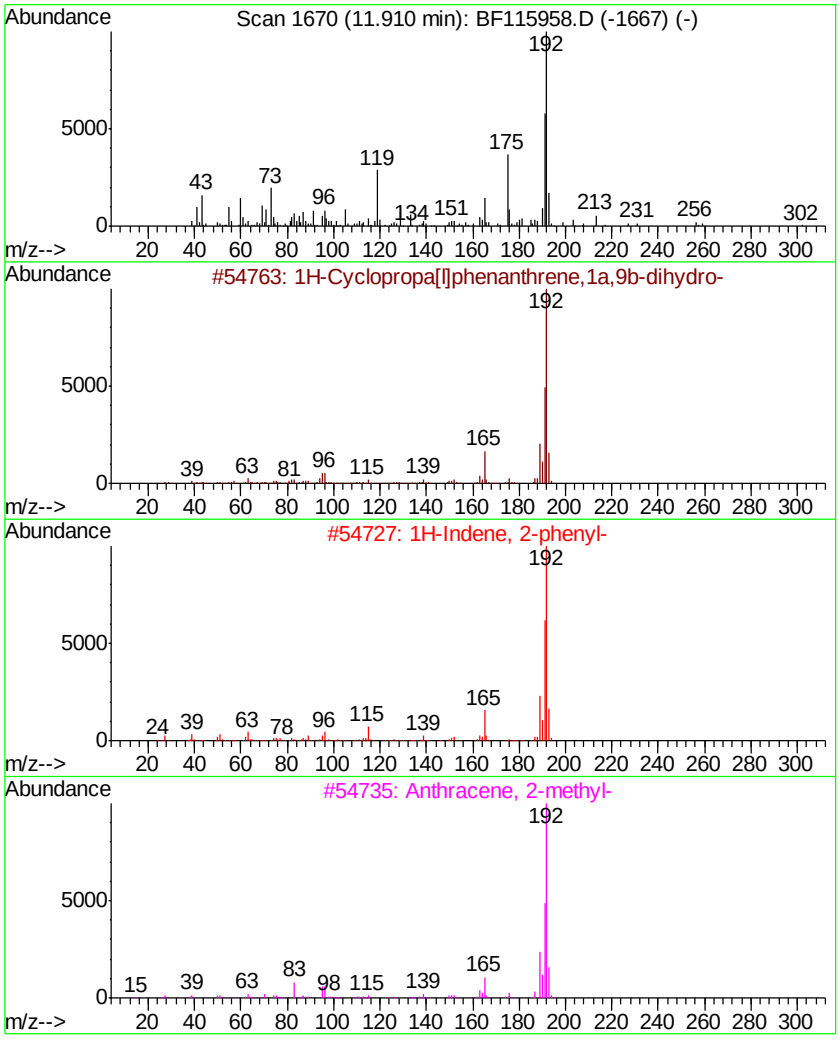
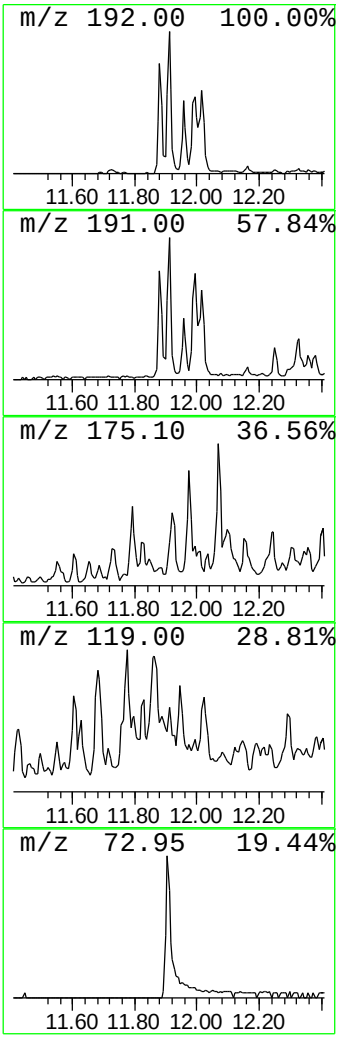
Peak Number 9 1H-Cyclopropa[l]phenanthren... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.91	5.29 ng	333870	Phenanthrene-d10	11.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	97
2	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	93
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	92
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90





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Sample : K4129-08
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 2S-E1-E4-(30)COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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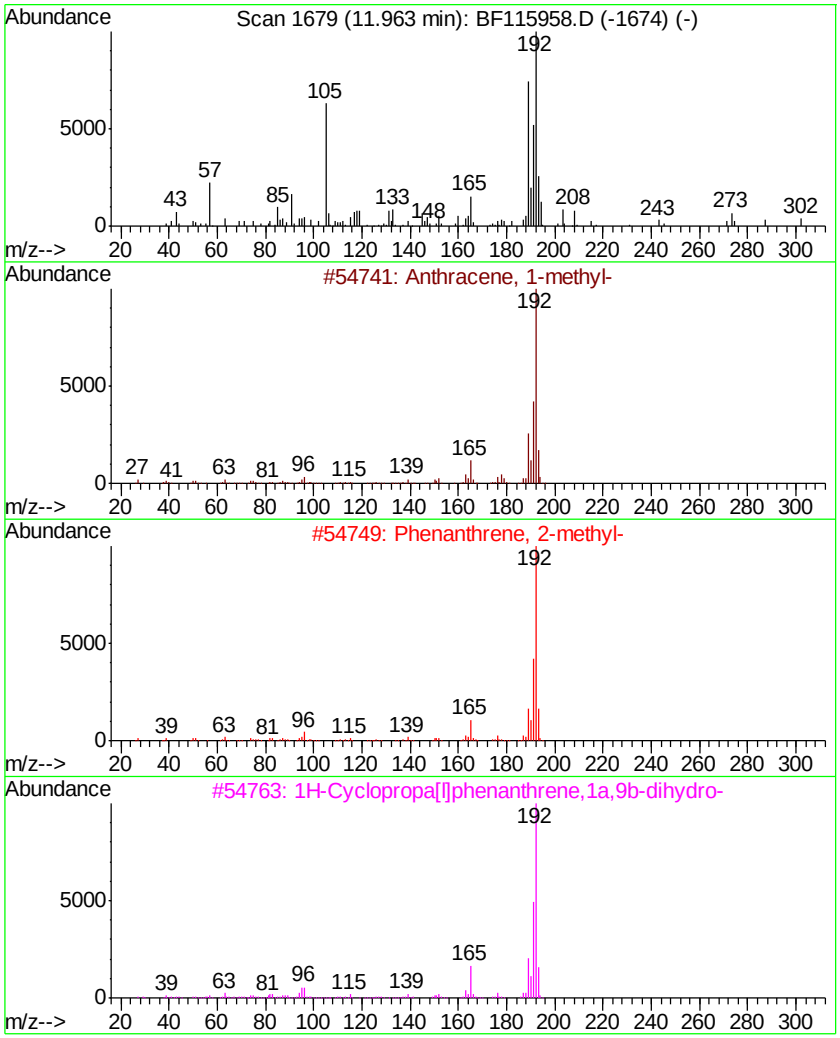
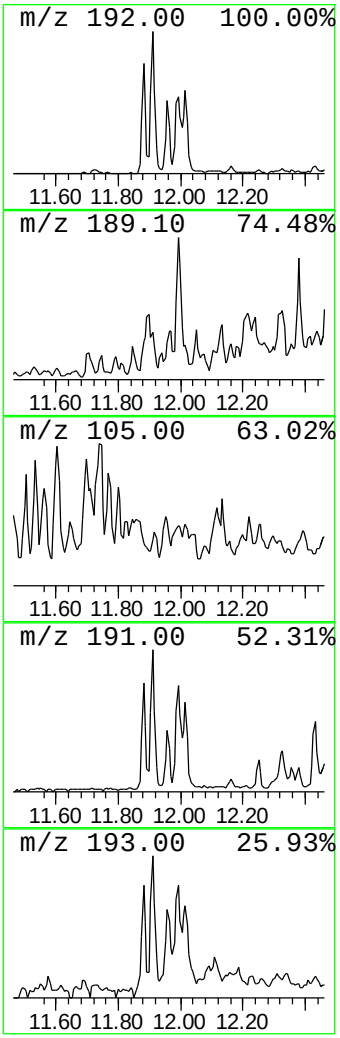
Peak Number 10 Anthracene, 1-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.96	2.55 ng	160858	Phenanthrene-d10	11.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	91
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	86
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	70





Library Search Compound Report

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Operator : HP/JU
Sample : K4129-08
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 2S-E1-E4-(30)COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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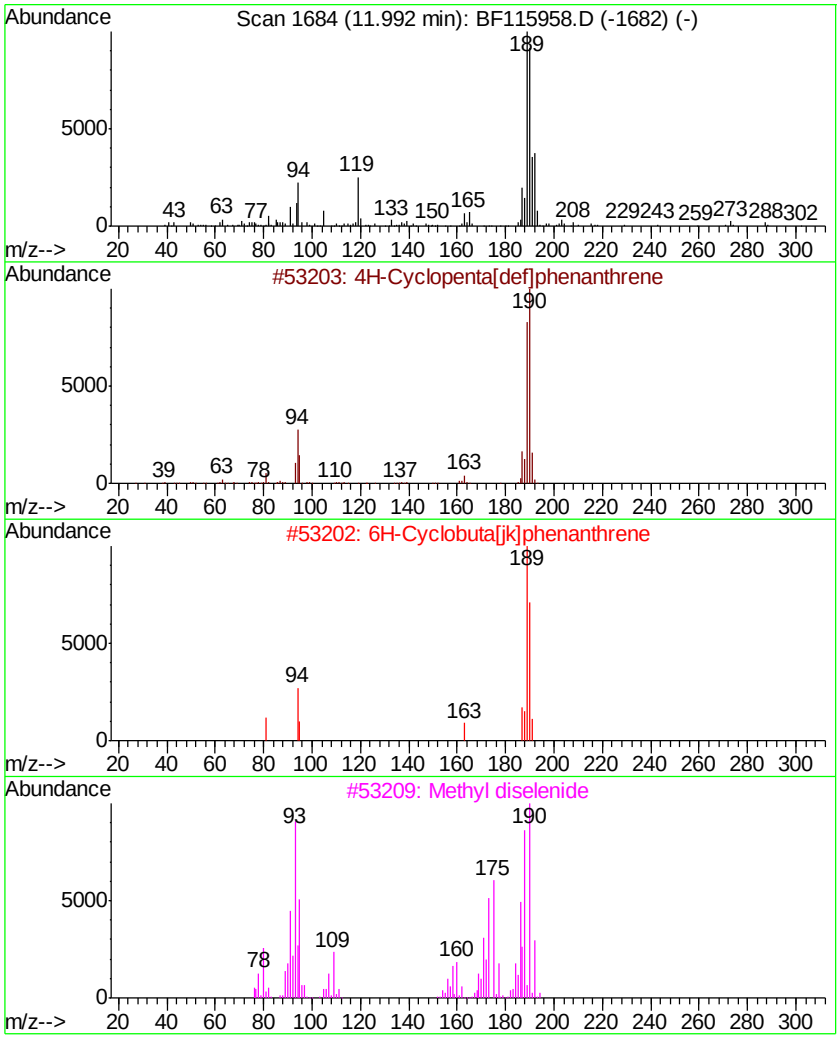
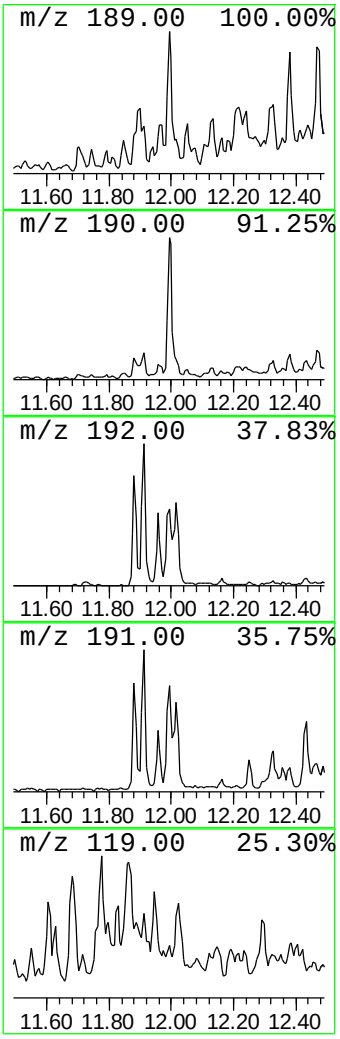
Peak Number 11 4H-Cyclopenta[def]phenanthrene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.99	2.16 ng	136373	Phenanthrene-d10	11.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	81
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	64
3	Methyl diselenide	190	C2H6Se2	007101-31-7	46
4	4-(4-Methyl-piperidin-1-yl)-phen...	190	C12H18N2	342013-25-6	42
5	Silane, diethylethoxypentyloxy-	218	C11H26O2Si	1000363-02-7	27





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Acq On : 2 Aug 2019 20:31
Operator : HP/JU
Sample : K4129-08
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 2S-E1-E4-(30)COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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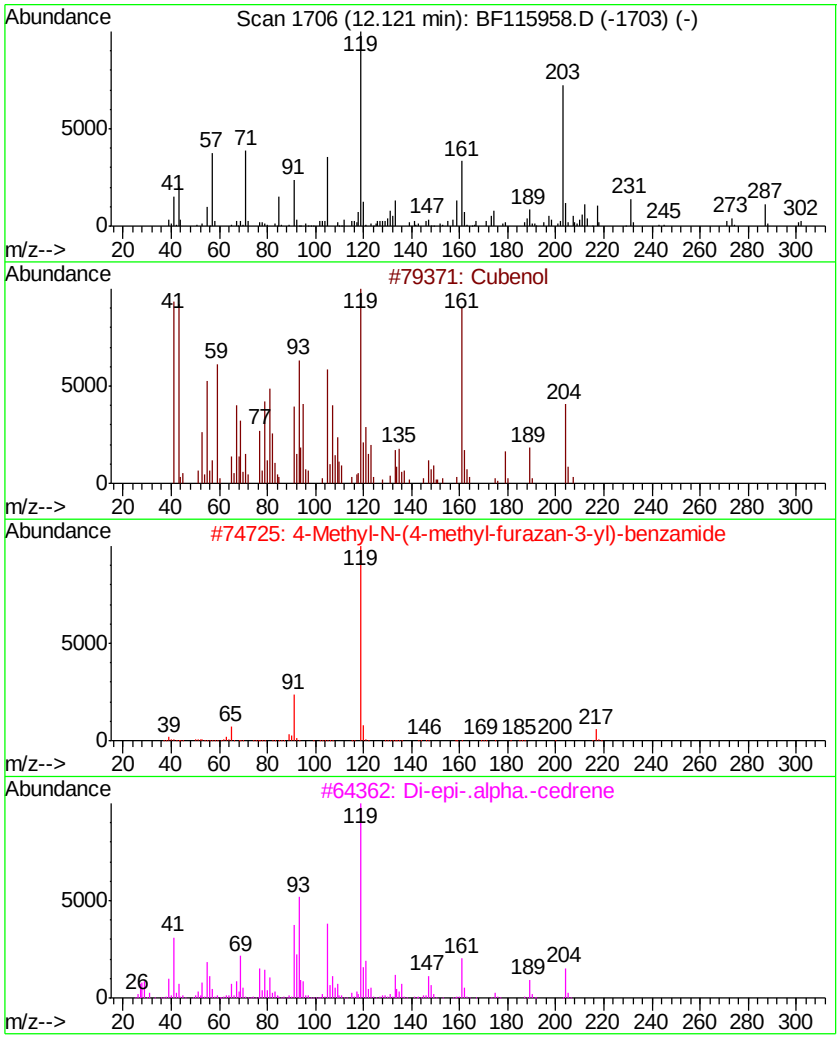
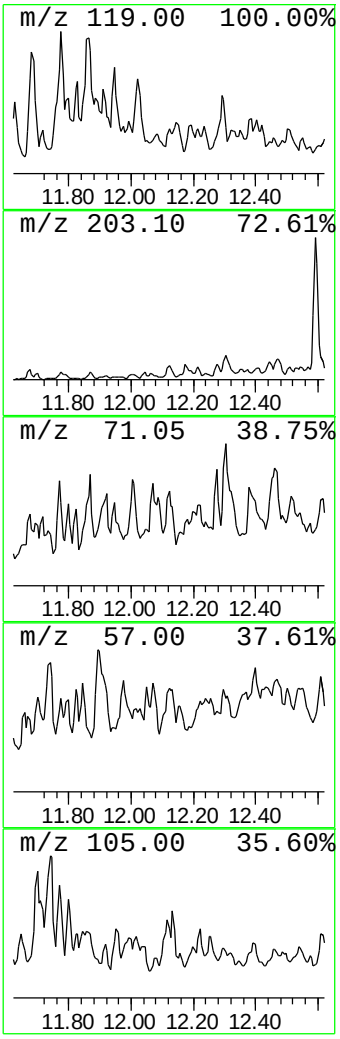
Peak Number 12 unknown12.12 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.12	2.09 ng	131989	Phenanthrene-d10	11.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cubenol	222	C15H26O	021284-22-0	27
2	4-Methyl-N-(4-methyl-furazan-3-y...	217	C11H11N3O2	1000295-66-1	27
3	Di-epi-.alpha.-cedrene	204	C15H24	050894-66-1	27
4	1H-3a,7-Methanoazulene, 2,3,4,7,...	204	C15H24	000469-61-4	27
5	7-epi-trans-sesquisabinene hydrate	222	C15H26O	1000374-17-7	25





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Acq On : 2 Aug 2019 20:31
Operator : HP/JU
Sample : K4129-08
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 2S-E1-E4-(30)COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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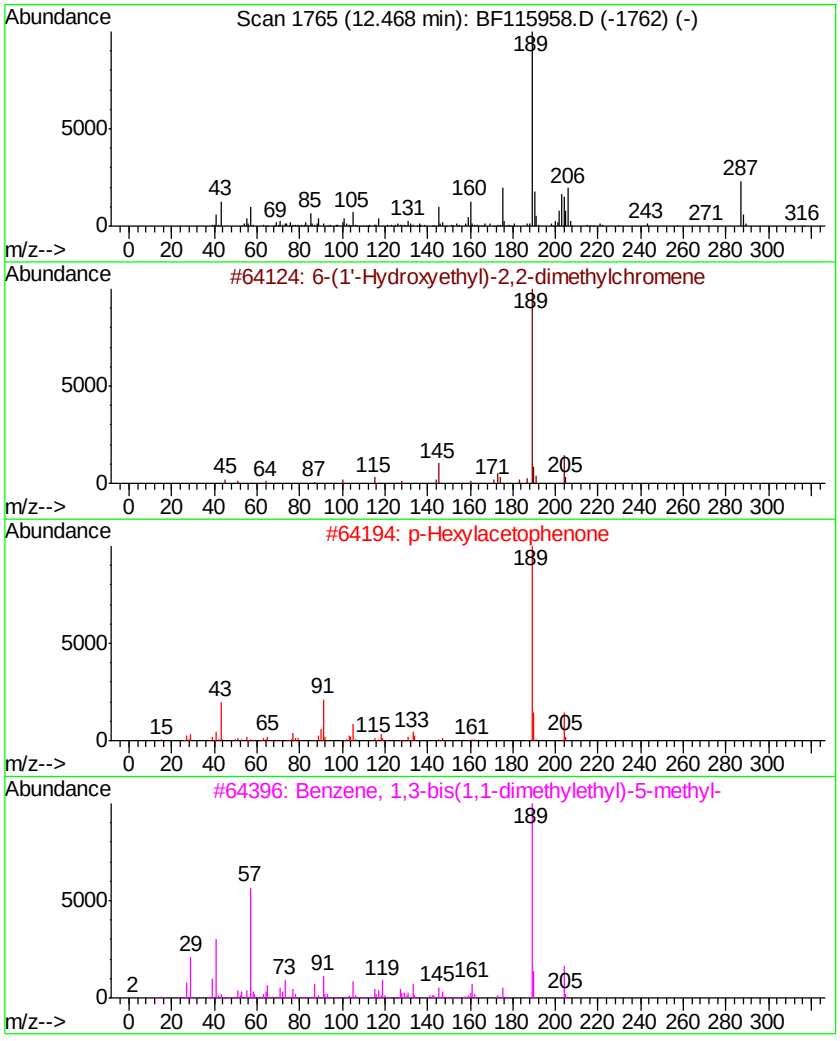
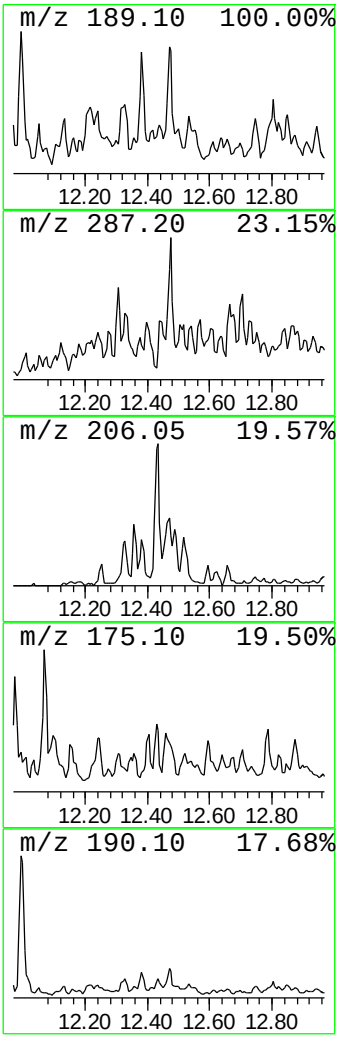
Peak Number 13 unknown12.47 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.47	3.06 ng	193482	Phenanthrene-d10	11.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6-(1'-Hydroxyethyl)-2,2-dimethyl...	204	C13H16O2	1000360-29-0	43
2	p-Hexylacetophenone	204	C14H20O	037592-72-6	43
3	Benzene, 1,3-bis(1,1-dimethyleth...	204	C15H24	015181-11-0	43
4	1-Methyl-2-phenylpiperidin-4-one	189	C12H15NO	091640-05-0	38
5	Silane, dimethyl(2-decyloxy)pent...	302	C17H38O2Si	1000347-61-9	37





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Operator : HP/JU
Sample : K4129-08
Misc :
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Instrument : BNA_F
ClientSampleId : 2S-E1-E4-(30)COMP

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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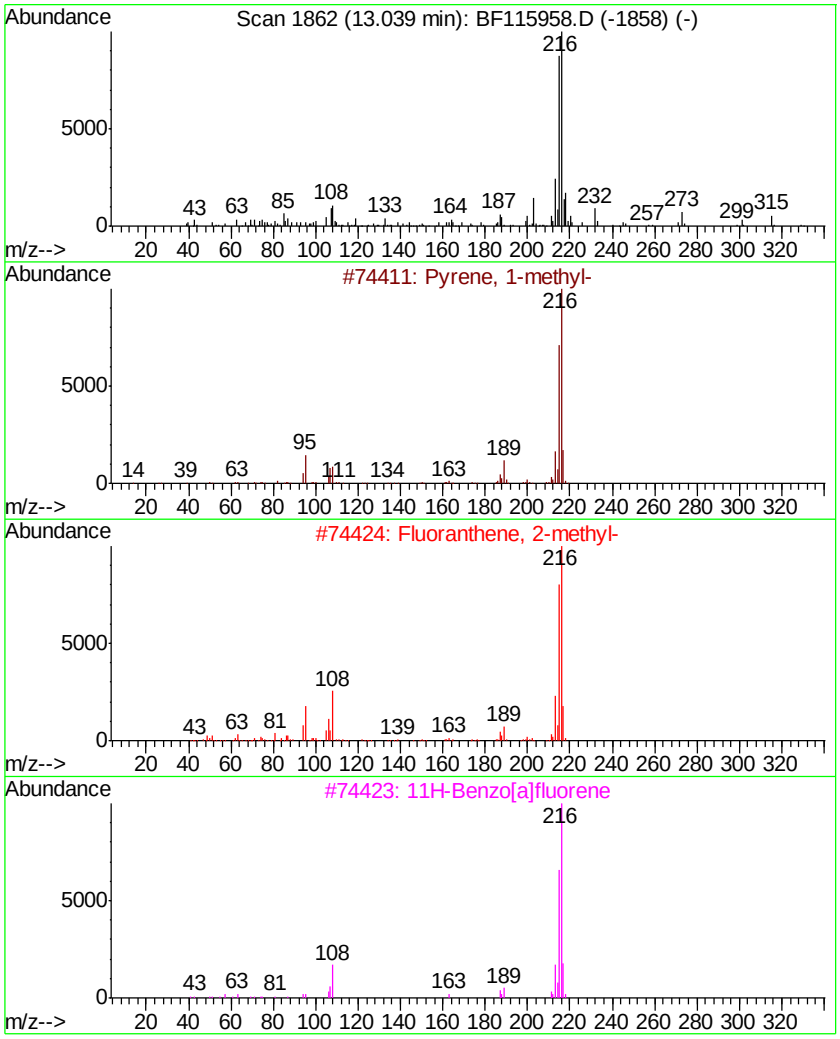
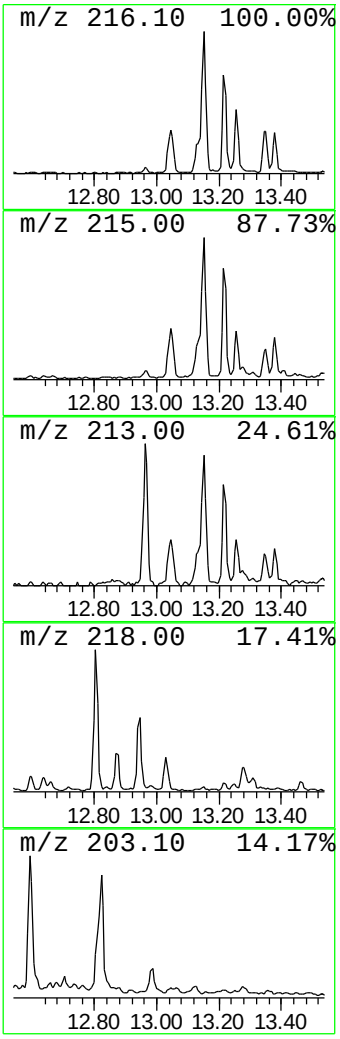
Peak Number 14 Pyrene, 1-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.04	2.19 ng	194617	Chrysene-d12	14.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	68
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	64
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	64
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	53





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Sample : K4129-08
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 2S-E1-E4-(30)COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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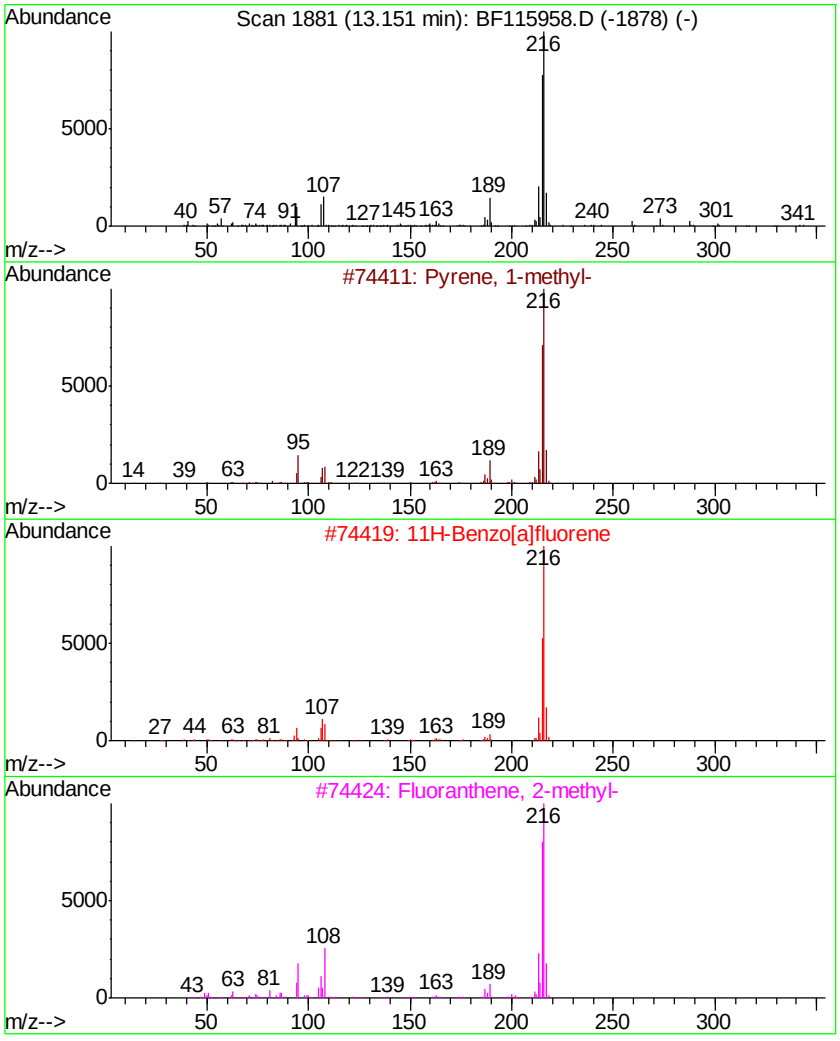
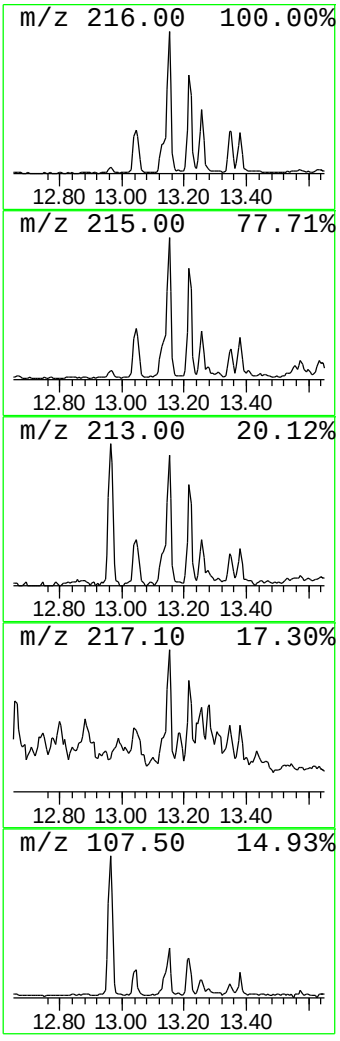
Peak Number 15 Pyrene, 2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.15	2.55 ng	226525	Chrysene-d12	14.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	90





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ClientSampleId : 2S-E1-E4-(30)COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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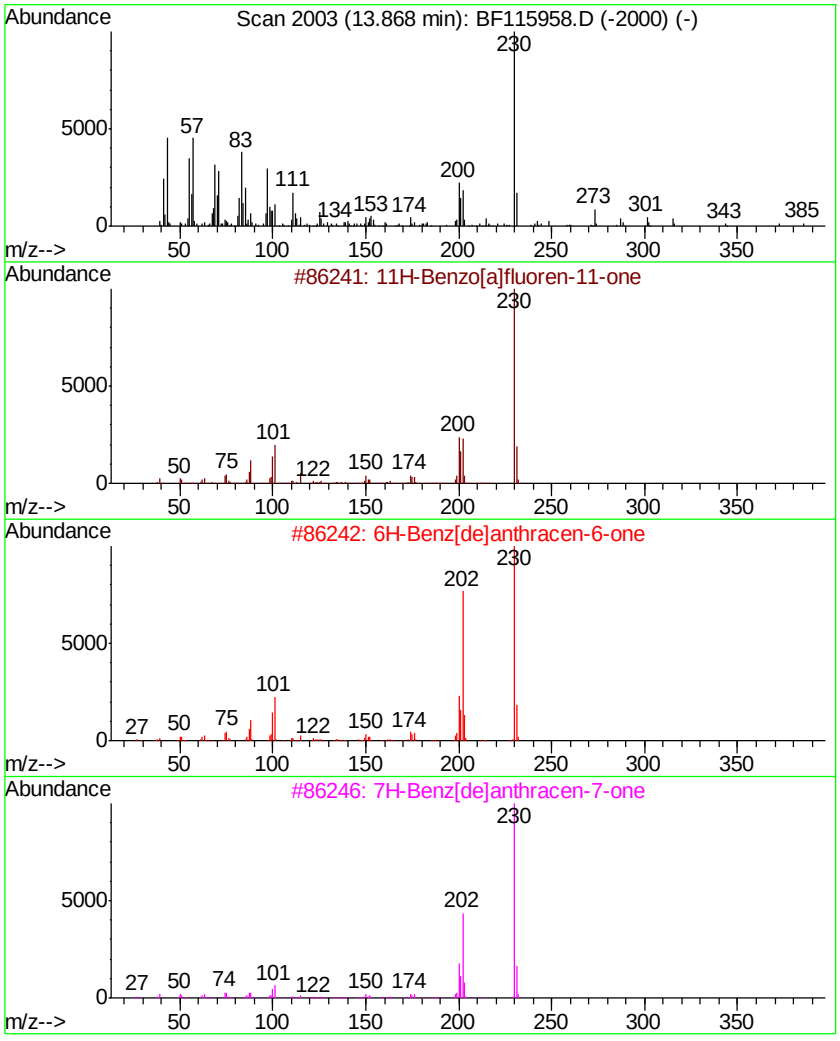
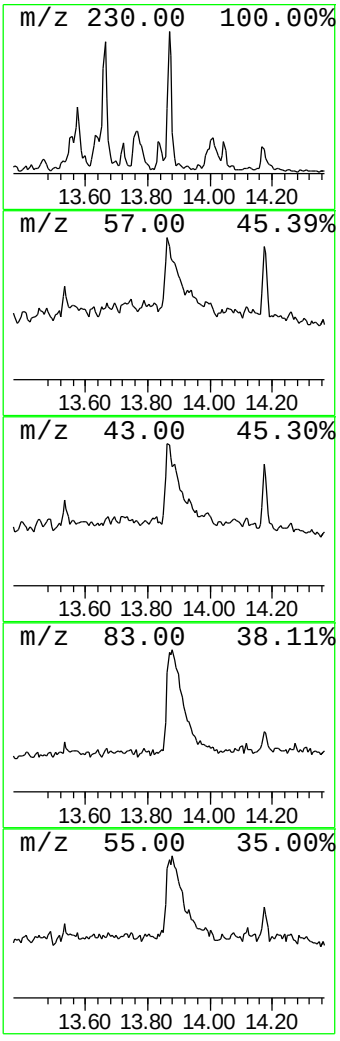
Peak Number 16 11H-Benzo[a]fluoren-11-one Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.87	3.88 ng	344696	Chrysene-d12	14.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	64
2	6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	45
3	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	45
4	o-Terphenyl	230	C18H14	000084-15-1	38
5	m-Terphenyl	230	C18H14	000092-06-8	35





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Sample : K4129-08
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 2S-E1-E4-(30)COMP

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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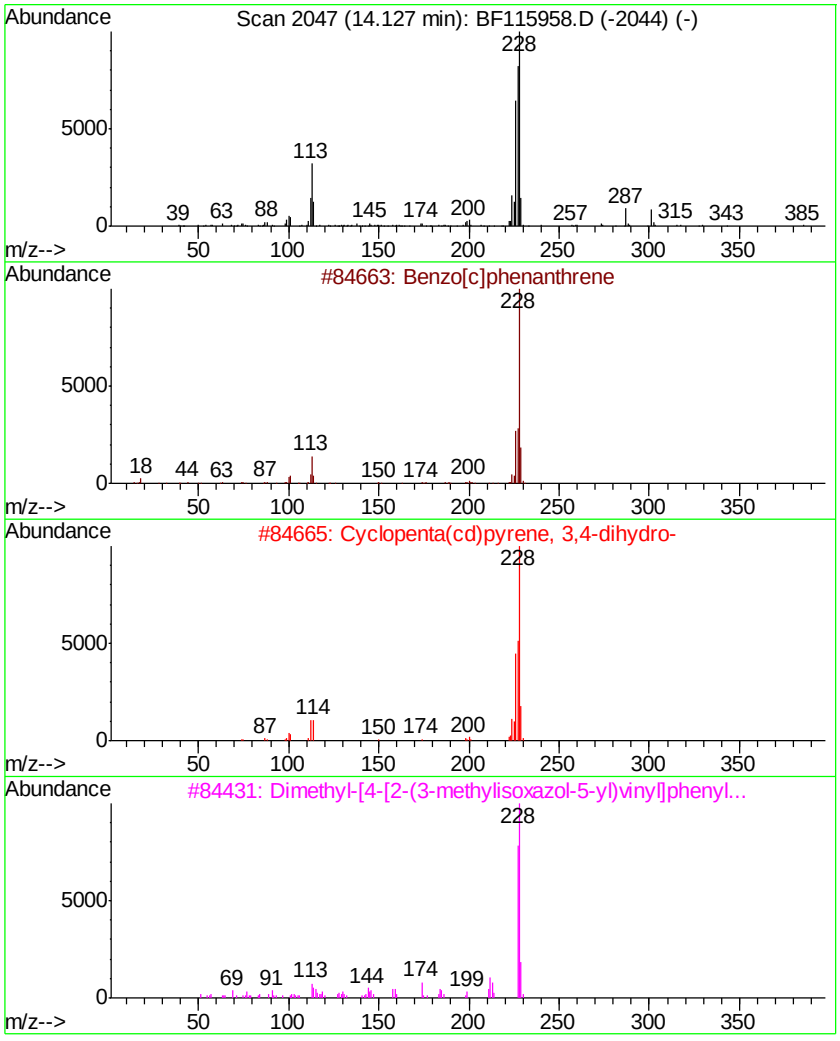
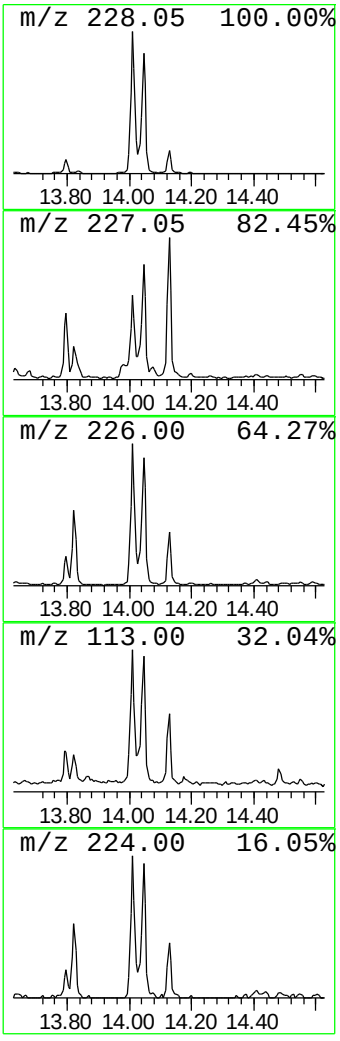
Peak Number 17 Benzo[c]phenanthrene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.13	2.01 ng	178202	Chrysene-d12	14.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[c]phenanthrene	228	C18H12	000195-19-7	55
2	Cyclopenta(cd)pyrene, 3,4-dihydro-	228	C18H12	025732-74-5	55
3	Dimethyl-[4-[2-(3-methylisoxazol...	228	C14H16N2O	1000306-39-6	50
4	Isothiazol-5-amine, 4-bromo-3-ch...	226	C4H4BrClN2S	1000272-59-9	47
5	Pyrazole-4-carboxaldehyde-, 3,5-...	228	C14H16N2O	1000272-54-8	47





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ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 2S-E1-E4-(30)COMP

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

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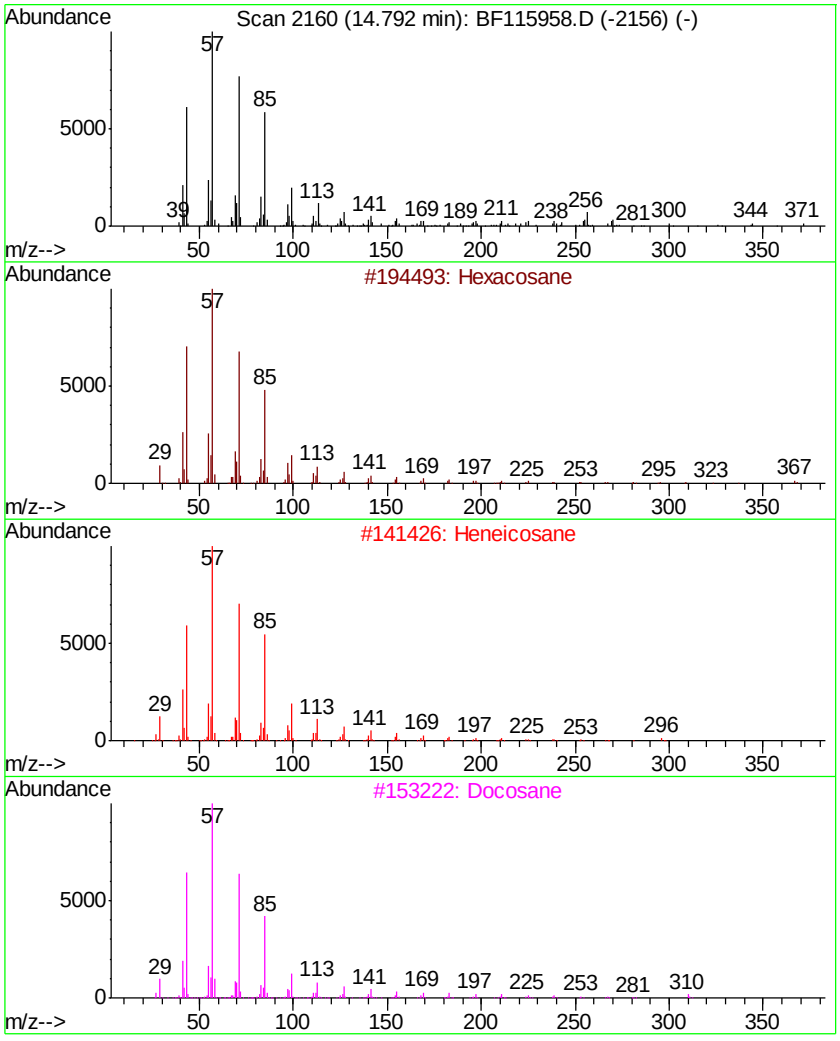
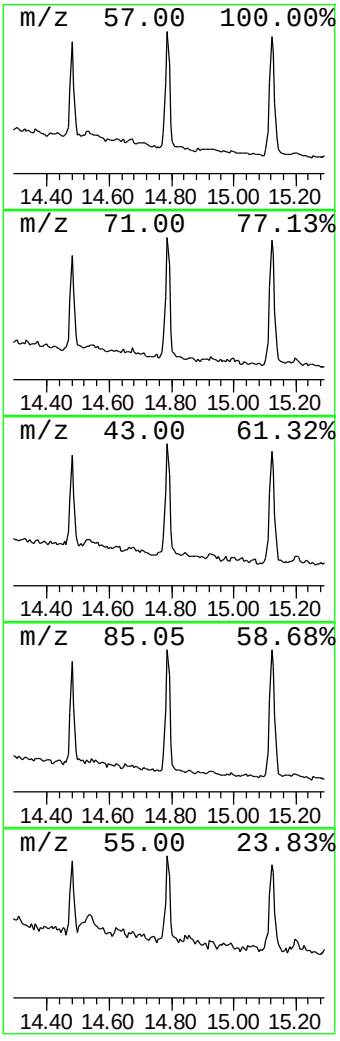
Peak Number 18 Hexacosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.79	3.17 ng	226738	Perylene-d12	15.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	90
2	Heneicosane	296	C21H44	000629-94-7	90
3	Docosane	310	C22H46	000629-97-0	87
4	Heptadecane	240	C17H36	000629-78-7	86
5	Nonadecane	268	C19H40	000629-92-5	86





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080219\
Data File : BF115958.D
Acq On : 2 Aug 2019 20:31
Operator : HP/JU
Sample : K4129-08
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 2S-E1-E4-(30)COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

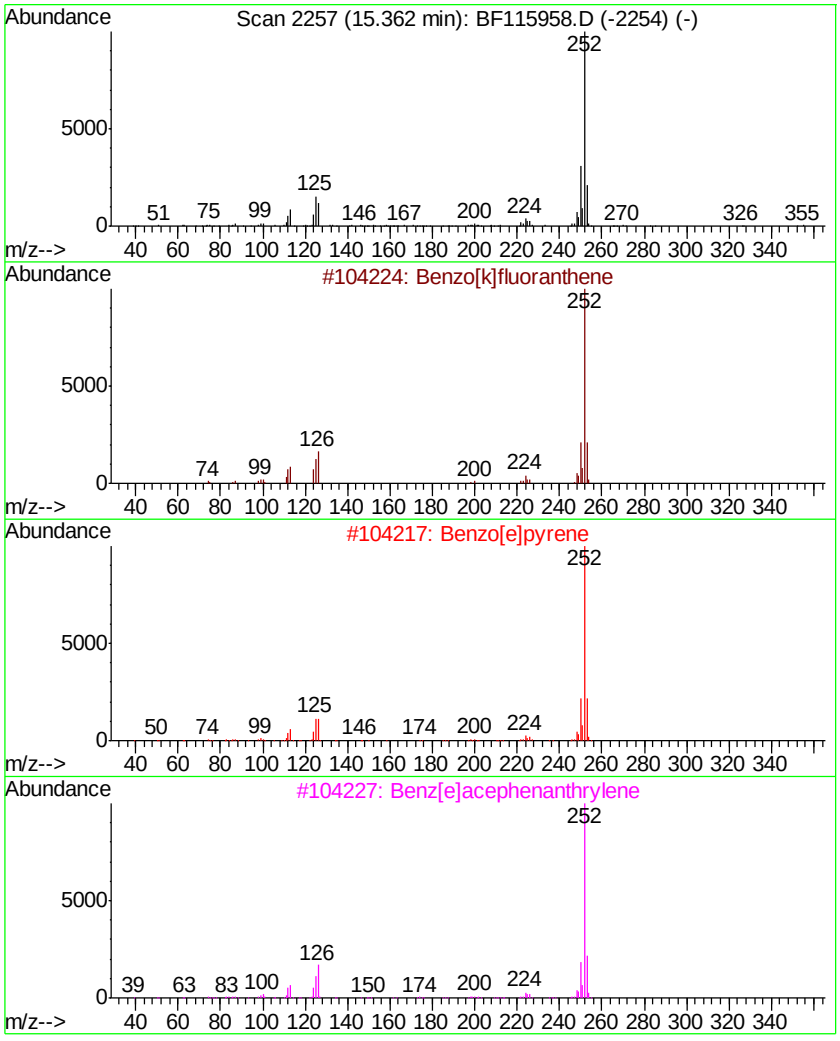
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

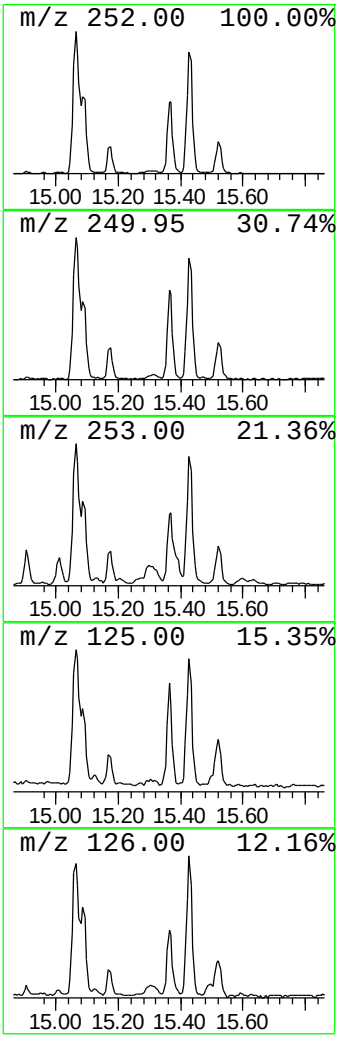
****

Peak Number 19 Benzo[e]pyrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.36	4.45 ng	318514	Perylene-d12	15.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[k]fluoranthene	252	C20H12	000207-08-9	97
2	Benzo[e]pyrene	252	C20H12	000192-97-2	97
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	95
4	Benzo[a]pyrene	252	C20H12	000050-32-8	93
5	Perylene	252	C20H12	000198-55-0	90





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080219\
Data File : BF115958.D
Acq On : 2 Aug 2019 20:31
Operator : HP/JU
Sample : K4129-08
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 2S-E1-E4-(30)COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

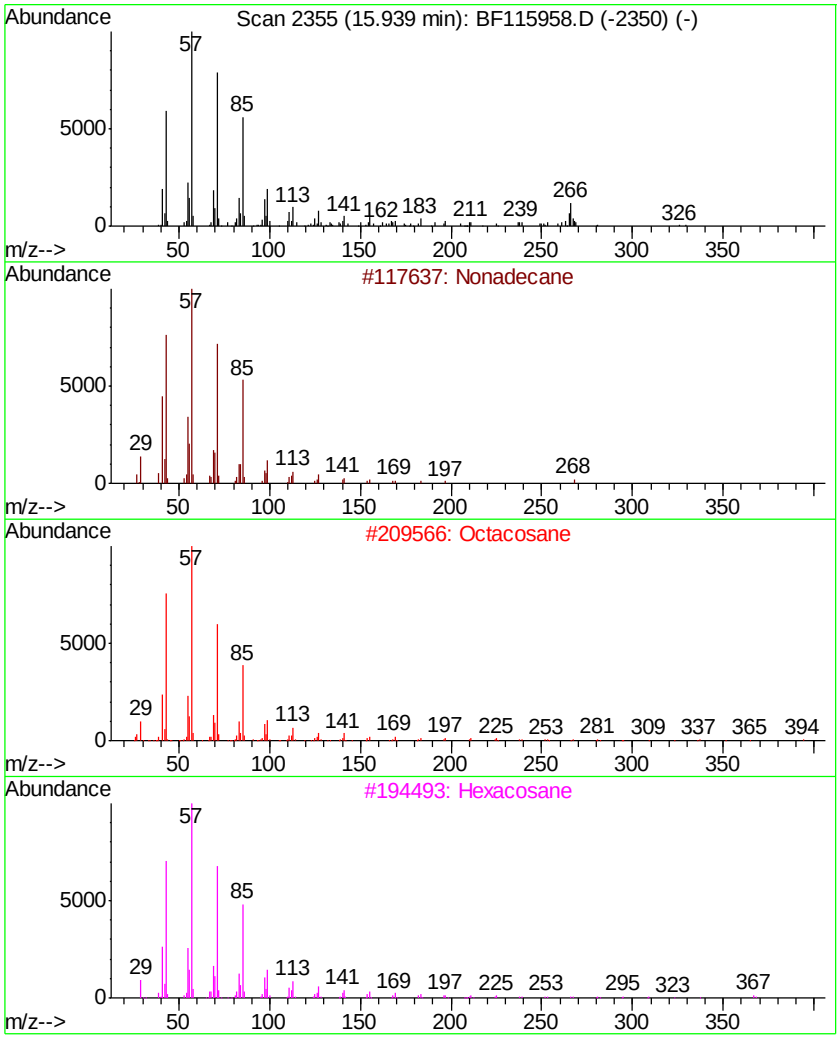
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

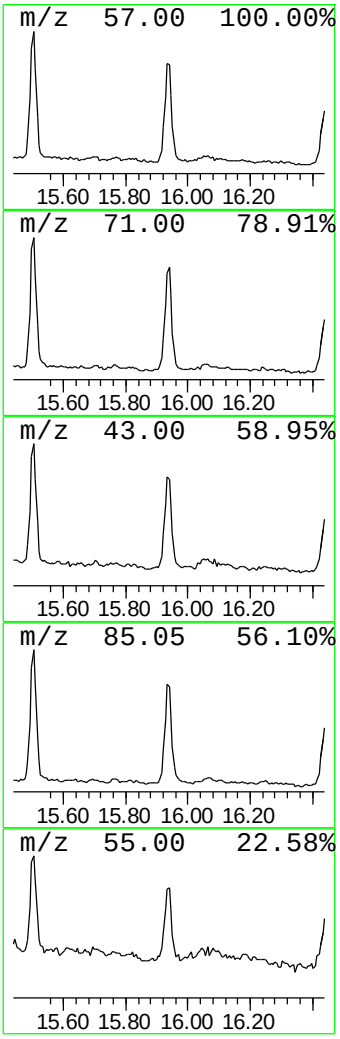
****

Peak Number 20 Nonadecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.94	2.78 ng	199092	Perylene-d12	15.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	90
2	Octacosane	394	C28H58	000630-02-4	87
3	Hexacosane	366	C26H54	000630-01-3	87
4	Heptacosane	380	C27H56	000593-49-7	87
5	Heneicosane	296	C21H44	000629-94-7	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF080219\
Data File : BF115958.D
Acq On : 2 Aug 2019 20:31
Operator : HP/JU
Sample : K4129-08
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 2S-E1-E4-(30)COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT 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
unknown6.62	6.62	67.5	ng	2590100	1	6.85	767387	20.0
Benzene, (1,1,4,6...	11.32	2.1	ng	130519	4	11.38	1263270	20.0
Benzamide, 3-meth...	11.60	4.6	ng	290036	4	11.38	1263270	20.0
Pentadecane, 2-me...	11.68	3.3	ng	205571	4	11.38	1263270	20.0
1-Propanone, 2-ch...	11.73	2.4	ng	153292	4	11.38	1263270	20.0
Benzene, (1,1-dim...	11.77	3.3	ng	211050	4	11.38	1263270	20.0
[5-(4-Ethylphenyl...	11.87	5.2	ng	325069	4	11.38	1263270	20.0
1H-Cyclopropa[l]p...	11.91	5.3	ng	333870	4	11.38	1263270	20.0
Anthracene, 1-met...	11.96	2.5	ng	160858	4	11.38	1263270	20.0
4H-Cyclopenta[def...	11.99	2.2	ng	136373	4	11.38	1263270	20.0
unknown12.12	12.12	2.1	ng	131989	4	11.38	1263270	20.0
unknown12.47	12.47	3.1	ng	193482	4	11.38	1263270	20.0
Pyrene, 1-methyl-	13.04	2.2	ng	194617	5	14.02	1775690	20.0
Pyrene, 2-methyl-	13.15	2.5	ng	226525	5	14.02	1775690	20.0
11H-Benzo[a]fluor...	13.87	3.9	ng	344696	5	14.02	1775690	20.0
Benzo[c]phenanthrene	14.13	2.0	ng	178202	5	14.02	1775690	20.0
Hexacosane	14.79	3.2	ng	226738	6	15.49	1431590	20.0
Benzo[e]pyrene	15.36	4.5	ng	318514	6	15.49	1431590	20.0
Nonadecane	15.94	2.8	ng	199092	6	15.49	1431590	20.0