LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062719\
Data File : BF115242.D
Acq On : 27 Jun 2019 19:09
Operator : HP/JU
Sample : K3518-04
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CP-S4-SOIL

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-BF062119.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	4.431	419	424	429	rVB	154646	186106	1.61%	0.175%
2	5.195	548	554	557	rBV	5279102	5772222	50.03%	5.432%
3	6.242	725	732	735	rBV	4800815	5513895	47.79%	5.189%
4	6.366	748	753	756	rBV	5662915	5624002	48.75%	5.293%
5	6.595	788	792	796	rVB	1596796	1225717	10.62%	1.153%
6	6.754	815	819	822	rBV	5240182	4524232	39.22%	4.258%
7	7.160	882	888	891	rBV	3778620	3565230	30.90%	3.355%
8	7.878	1006	1010	1013	rBV	1799841	1598371	13.85%	1.504%
9	8.954	1188	1193	1196	rBV	6844702	6250384	54.18%	5.882%
10	9.348	1256	1260	1263	rBV	1098413	848790	7.36%	0.799%
11	9.619	1301	1306	1310	rBV	2129227	1867991	16.19%	1.758%
12	9.825	1335	1341	1343	rBV	106798	130960	1.14%	0.123%
13	10.160	1395	1398	1401	rBV2	169642	142790	1.24%	0.134%
14	10.401	1435	1439	1443	rBV	4129606	4107556	35.60%	3.865%
15	10.707	1486	1491	1494	rBV3	122632	173263	1.50%	0.163%
16	10.789	1499	1505	1509	rVV3	123855	169689	1.47%	0.160%
17	11.095	1550	1557	1559	rBV	2122063	2215640	19.20%	2.085%
18	11.113	1559	1560	1564	rVV	1735475	1255367	10.88%	1.181%
19	11.166	1564	1569	1572	rVB	385616	325824	2.82%	0.307%
20	11.419	1610	1612	1616	rVB	138713	131714	1.14%	0.124%
21	11.595	1636	1642	1644	rBV	628627	757796	6.57%	0.713%
22	11.619	1644	1646	1647	rVV	921036	769301	6.67%	0.724%
23	11.666	1647	1654	1658	rVV2	5152311	10541323	91.37%	9.920%
24	11.701	1658	1660	1662	rVV	891689	885822	7.68%	0.834%
25	11.724	1662	1664	1667	rVB	511325	428242	3.71%	0.403%
26	11.889	1689	1692	1693	rBV	274554	207780	1.80%	0.196%
27	11.966	1702	1705	1711	rVB3	120274	193905	1.68%	0.182%
28	12.036	1715	1717	1720	rBV	172452	162599	1.41%	0.153%
29	12.142	1731	1735	1737	rBV	400093	405779	3.52%	0.382%
30	12.177	1737	1741	1743	rBV	203111	197503	1.71%	0.186%
31	12.295	1757	1761	1764	rBV	2237294	1915673	16.60%	1.803%
32	12.336	1764	1768	1769	rBV3	398982	445945	3.87%	0.420%
33	12.448	1778	1787	1795	rVV	6220121	11536846	100.00%	10.857%
34	12.519	1795	1799	1802	rVV	2555525	2546239	22.07%	2.396%

LSC Area Percent Report

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Operator : HP/JU
Sample : K3518-04
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CP-S4-SOIL

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-BF062119.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.577	1807	1809	1815	rVB4	182697	292755	2.54%	0.276%
36	12.683	1822	1827	1830	rBV	6680927	6561656	56.88%	6.175%
37	12.742	1834	1837	1840	rVB3	244144	271744	2.36%	0.256%
38	12.824	1849	1851	1853	rBV2	159557	198122	1.72%	0.186%
39	12.848	1853	1855	1859	rVB	462081	419281	3.63%	0.395%
40	12.918	1864	1867	1868	rBV	280219	263021	2.28%	0.248%
41	12.954	1870	1873	1875	rVV	423963	383131	3.32%	0.361%
42	13.042	1885	1888	1891	rBV	339301	295506	2.56%	0.278%
43	13.071	1891	1893	1897	rVB	353510	262558	2.28%	0.247%
44	13.148	1903	1906	1916	rVB7	105794	212088	1.84%	0.200%
45	13.224	1916	1919	1921	rBV3	105142	122207	1.06%	0.115%
46	13.271	1925	1927	1930	rVB	297235	265104	2.30%	0.249%
47	13.348	1935	1940	1946	rBV2	218424	351417	3.05%	0.331%
48	13.460	1955	1959	1962	rBV2	248711	354497	3.07%	0.334%
49	13.489	1962	1964	1966	rVV	249312	207876	1.80%	0.196%
50	13.507	1966	1967	1970	rVV	170244	138586	1.20%	0.130%
51	13.554	1973	1975	1980	rVB	161174	176403	1.53%	0.166%
52	13.601	1980	1983	1986	rBV	380406	372205	3.23%	0.350%
53	13.654	1988	1992	1995	rBV5	162045	289005	2.51%	0.272%
54	13.713	1997	2002	2004	rVV2	2408511	3164128	27.43%	2.978%
55	13.736	2004	2006	2009	rVB	1163953	881241	7.64%	0.829%
56	13.813	2014	2019	2021	rBV3	230051	247861	2.15%	0.233%
57	13.913	2034	2036	2043	rVB3	644349	750166	6.50%	0.706%
58	14.095	2063	2067	2070	rVV	422782	461888	4.00%	0.435%
59	14.130	2070	2073	2076	rVV	233491	224701	1.95%	0.211%
60	14.183	2080	2082	2085	rVV	194522	208848	1.81%	0.197%
61	14.218	2085	2088	2095	rVB3	947695	1057974	9.17%	0.996%
62	14.512	2134	2138	2141	rVB	1090309	1005070	8.71%	0.946%
63	14.571	2145	2148	2153	rVB4	177154	220539	1.91%	0.208%
64	14.701	2166	2170	2173	rBV	891362	1359403	11.78%	1.279%
65	14.812	2184	2189	2195	rVB2	967815	1245170	10.79%	1.172%
66	14.960	2211	2214	2219	rVB	546671	604861	5.24%	0.569%
67	15.012	2219	2223	2228	rBV	904937	961642	8.34%	0.905%
68	15.071	2229	2233	2236	rBV	1763954	1941757	16.83%	1.827%
69	15.142	2241	2245	2253	rVB	832013	1209659	10.49%	1.138%
70	15.524	2305	2310	2314	rBV	592648	863503	7.48%	0.813%
71	15.959	2379	2384	2389	rBV	286126	467270	4.05%	0.440%

LSC Area Percent Report

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Sample : K3518-04
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CP-S4-SOIL

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-BF062119.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	16.324	2442	2446	2454	rVB2	365681	659683	5.72%	0.621%
73	16.701	2506	2510	2522	rVB	330449	665376	5.77%	0.626%

Sum of corrected areas: 106262398

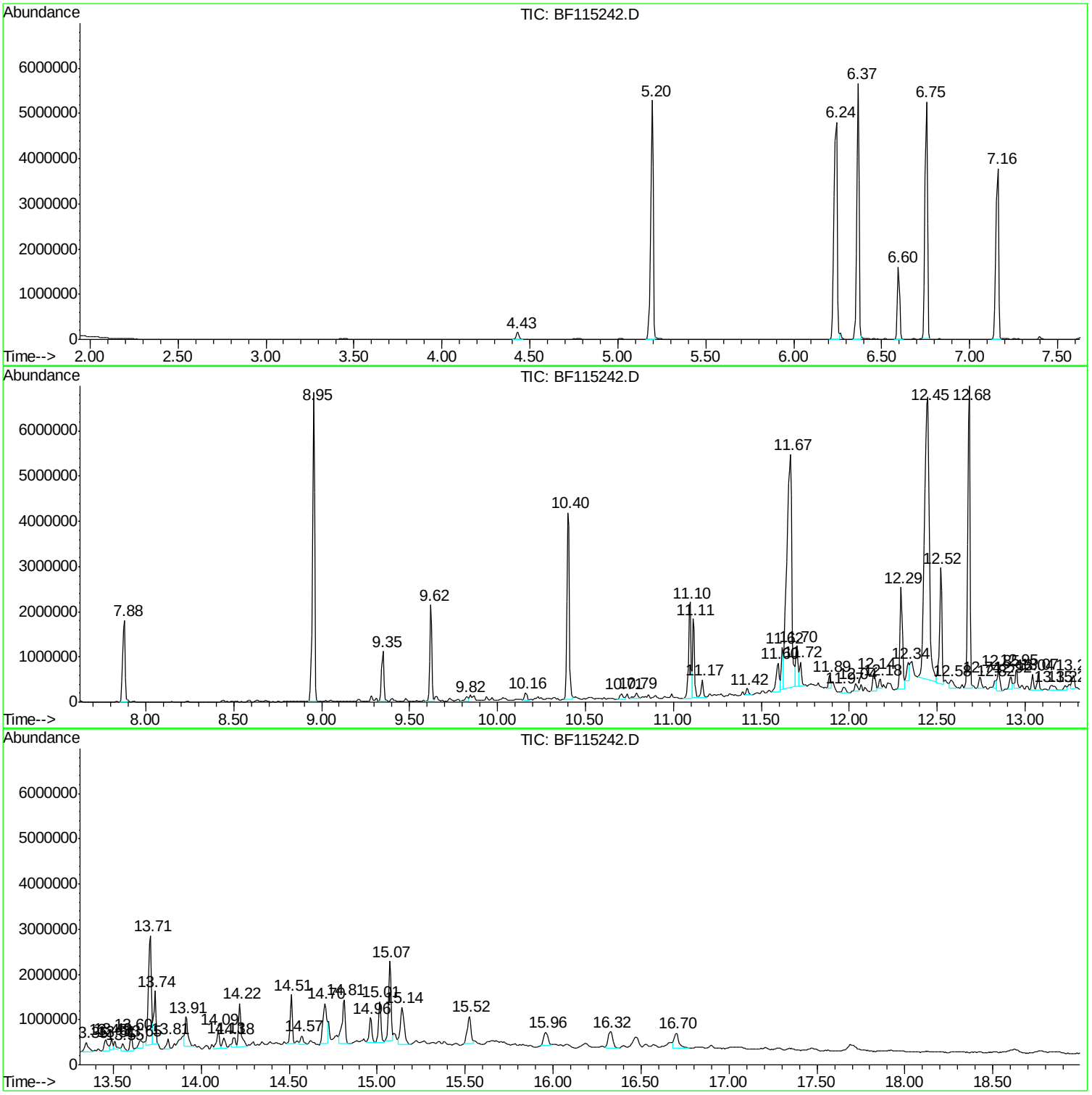
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062719\
Data File : BF115242.D
Acq On : 27 Jun 2019 19:09
Operator : HP/JU
Sample : K3518-04
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CP-S4-SOIL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062119.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\BF062719\
Data File : BF115242.D
Acq On : 27 Jun 2019 19:09
Operator : HP/JU
Sample : K3518-04
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CP-S4-SOIL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

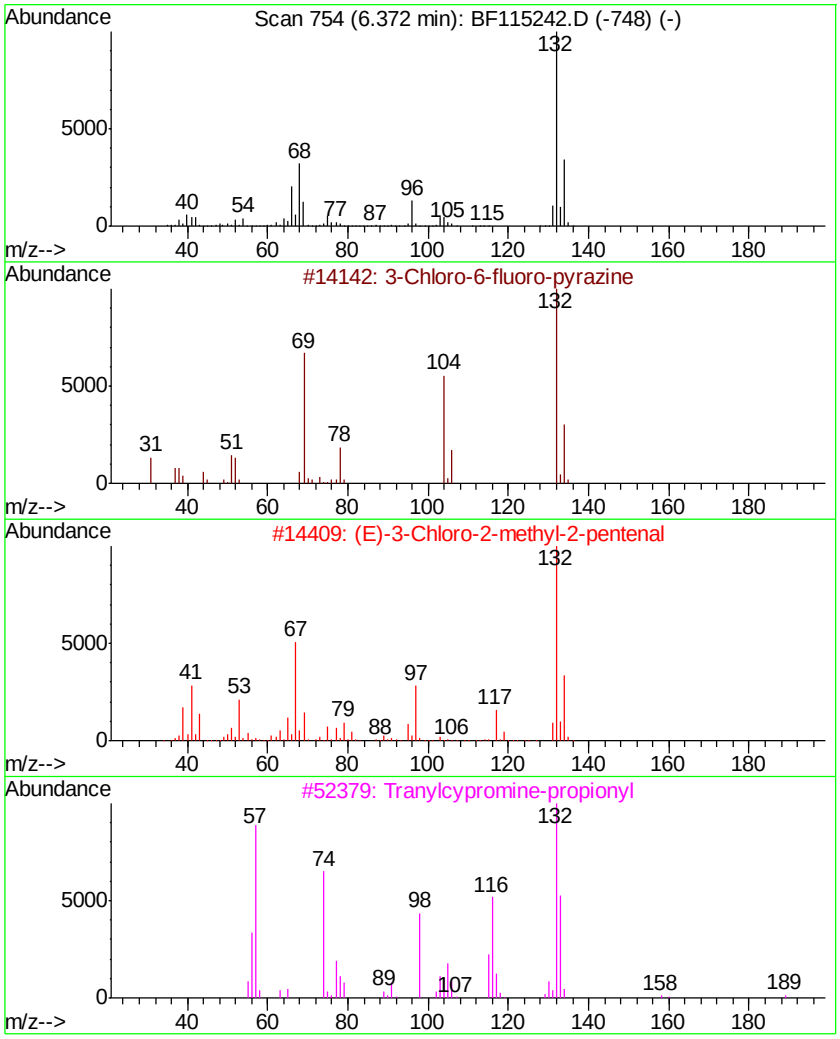
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

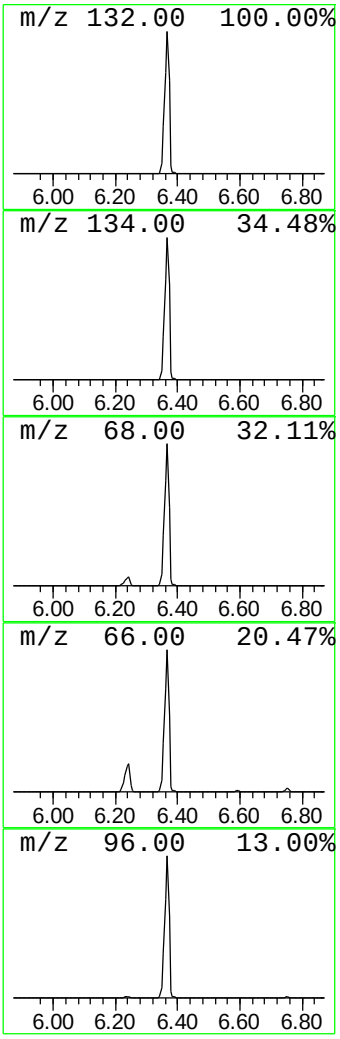
****

Peak Number 2 unknown-01 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.37	91.77 ng	5624000	1,4-Dichlorobenzene-d4	6.60

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	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062719\
Data File : BF115242.D
Acq On : 27 Jun 2019 19:09
Operator : HP/JU
Sample : K3518-04
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CP-S4-SOIL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

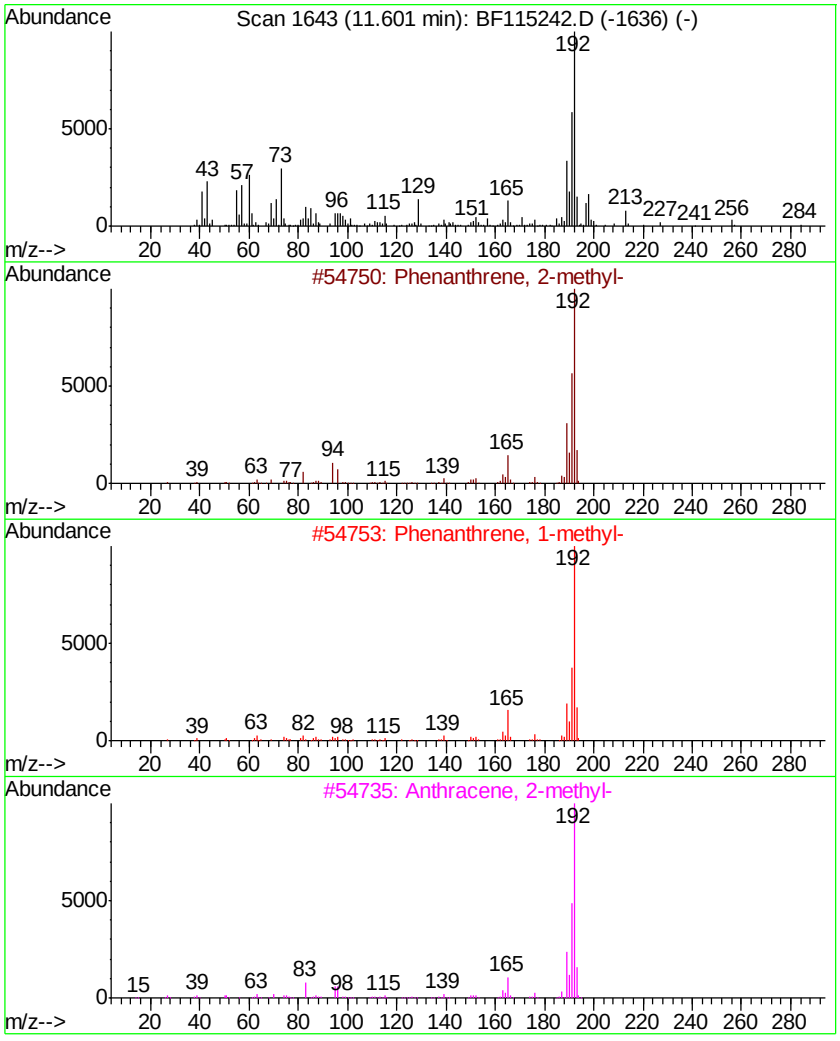
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

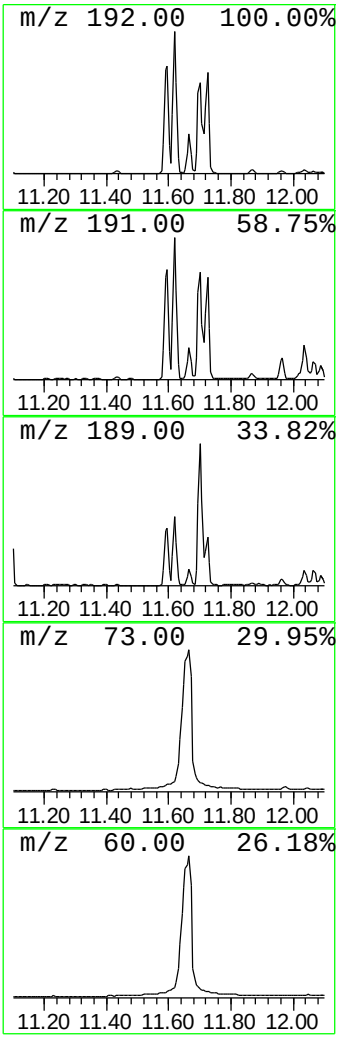
****

Peak Number 4 Phenanthrene, 2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.60	6.84 ng	757796	Phenanthrene-d10	11.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062719\
Data File : BF115242.D
Acq On : 27 Jun 2019 19:09
Operator : HP/JU
Sample : K3518-04
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CP-S4-SOIL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

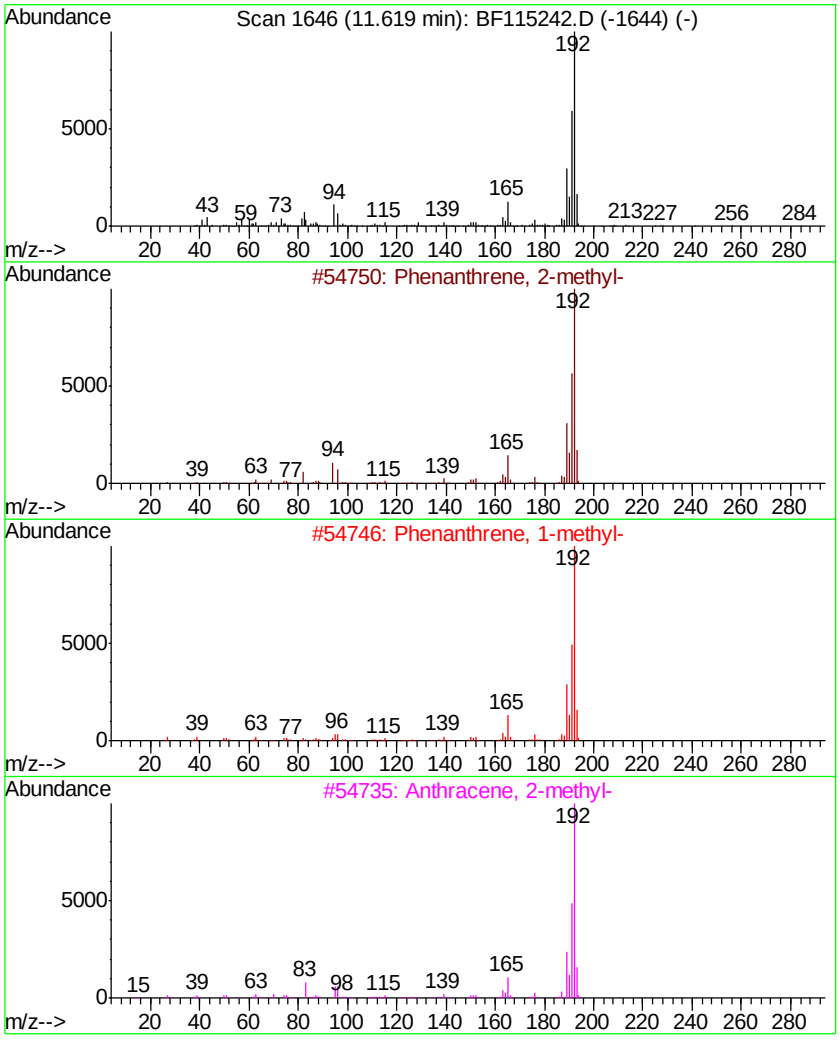
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

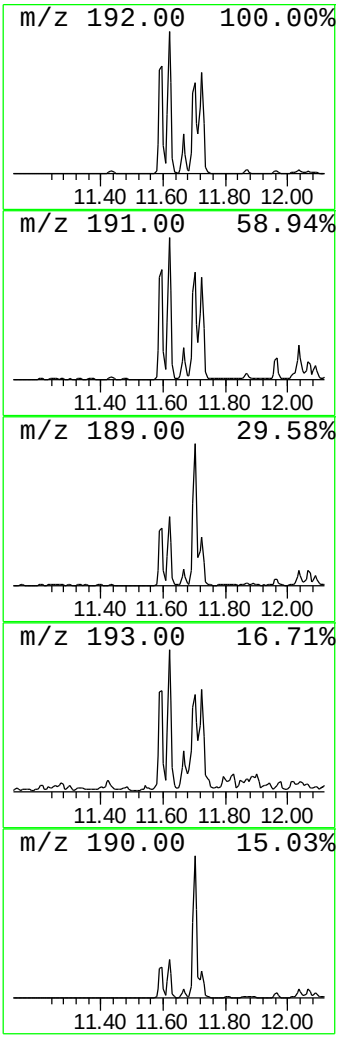
****

Peak Number 5 Phenanthrene, 1-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.62	6.94 ng	769301	Phenanthrene-d10	11.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	95
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95





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Instrument : BNA_F
ClientSampleId : CP-S4-SOIL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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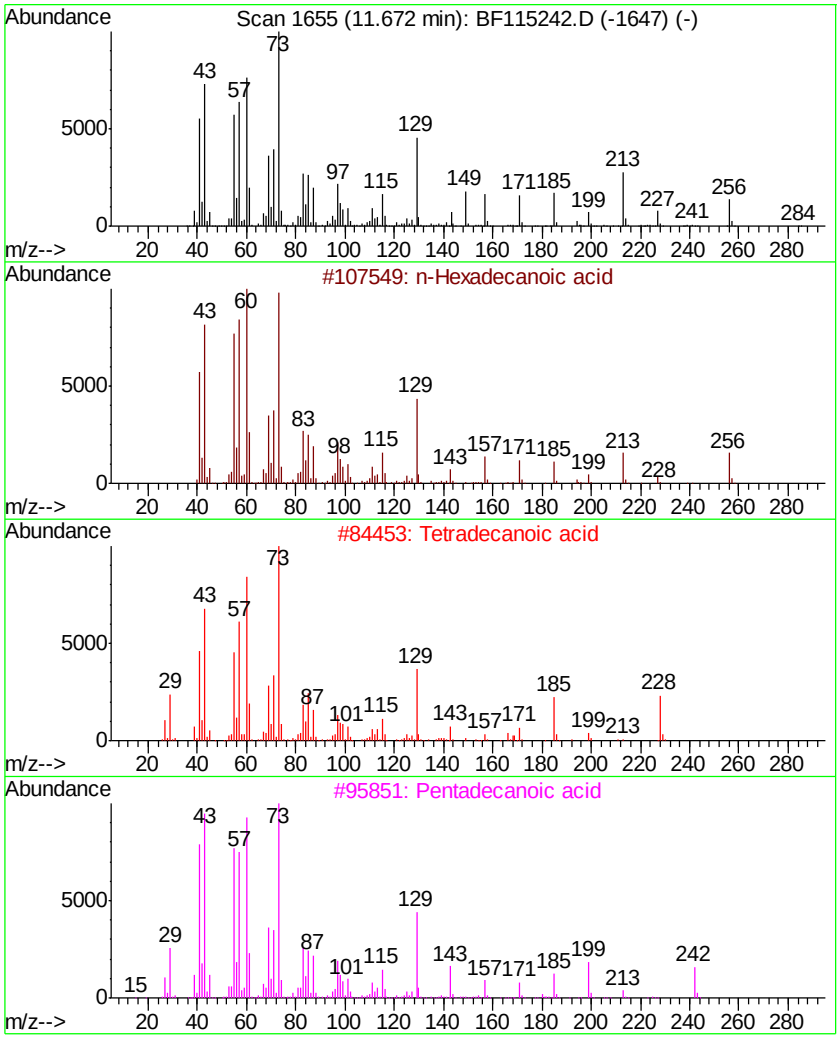
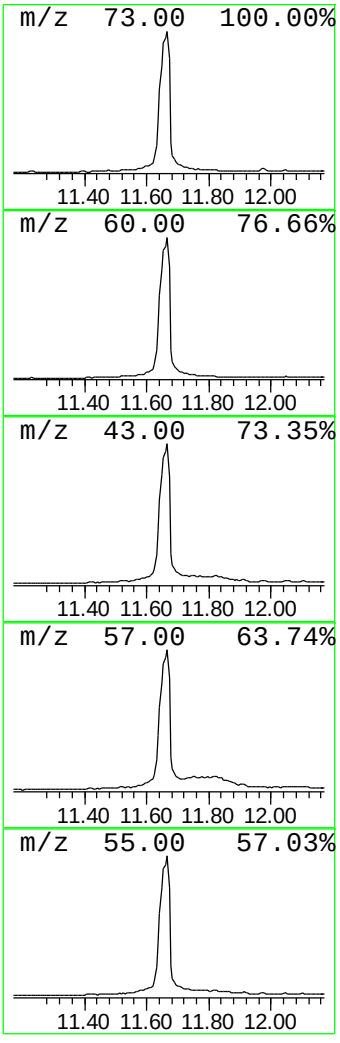
Peak Number 6 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.67	95.15 ng	10541300	Phenanthrene-d10	11.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	95
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
4	Tridecanoic acid	214	C13H26O2	000638-53-9	76
5	n-Decanoic acid	172	C10H20O2	000334-48-5	62





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Instrument : BNA_F
ClientSampleId : CP-S4-SOIL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

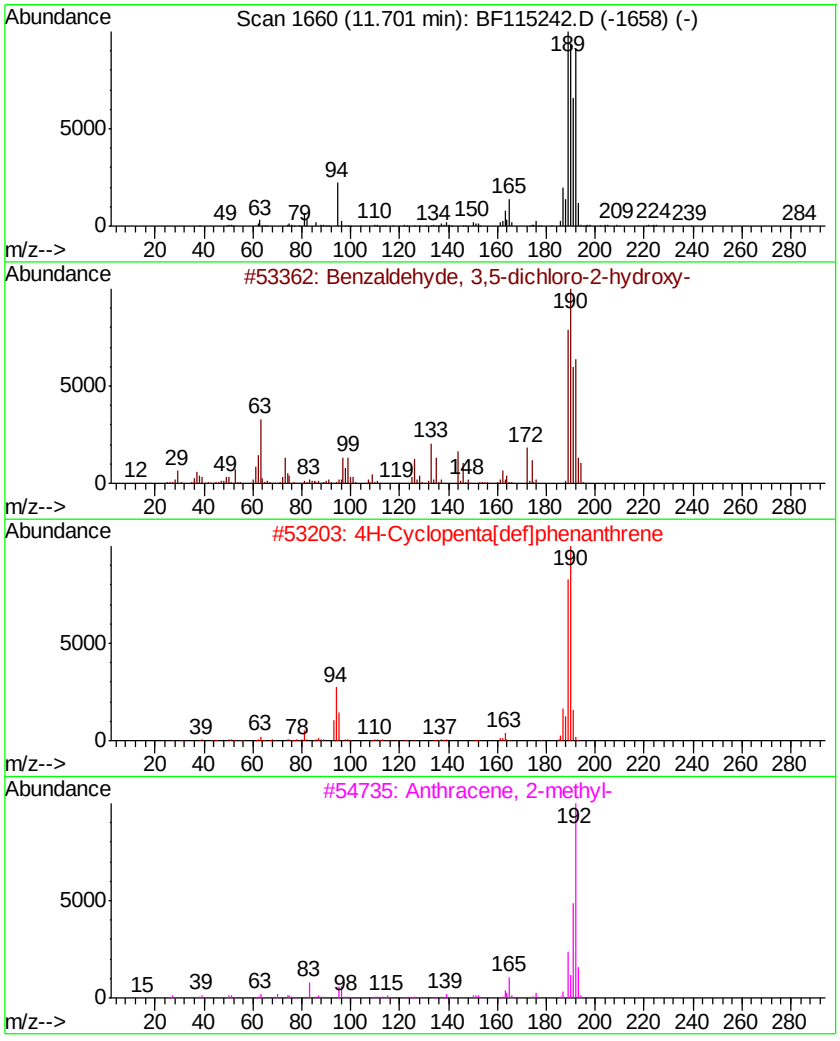
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

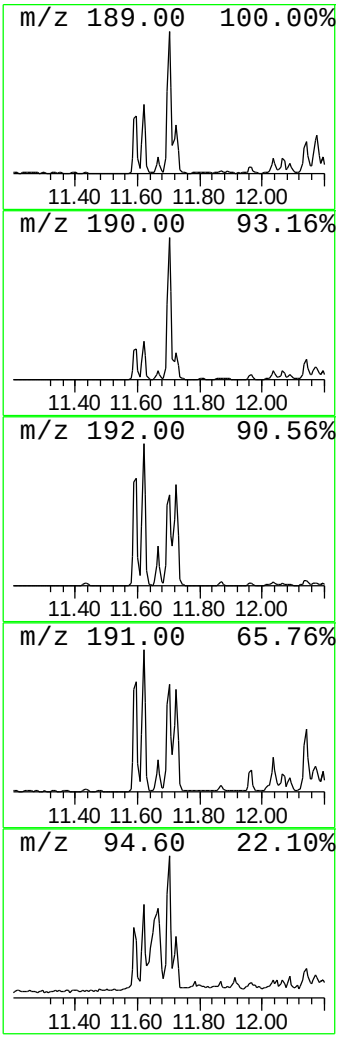
****

Peak Number 7 Benzaldehyde, 3,5-dichloro-... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.70	8.00 ng	885822	Phenanthrene-d10	11.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	53
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	49
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	42
4	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	42
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	42





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Operator : HP/JU
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Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CP-S4-SOIL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

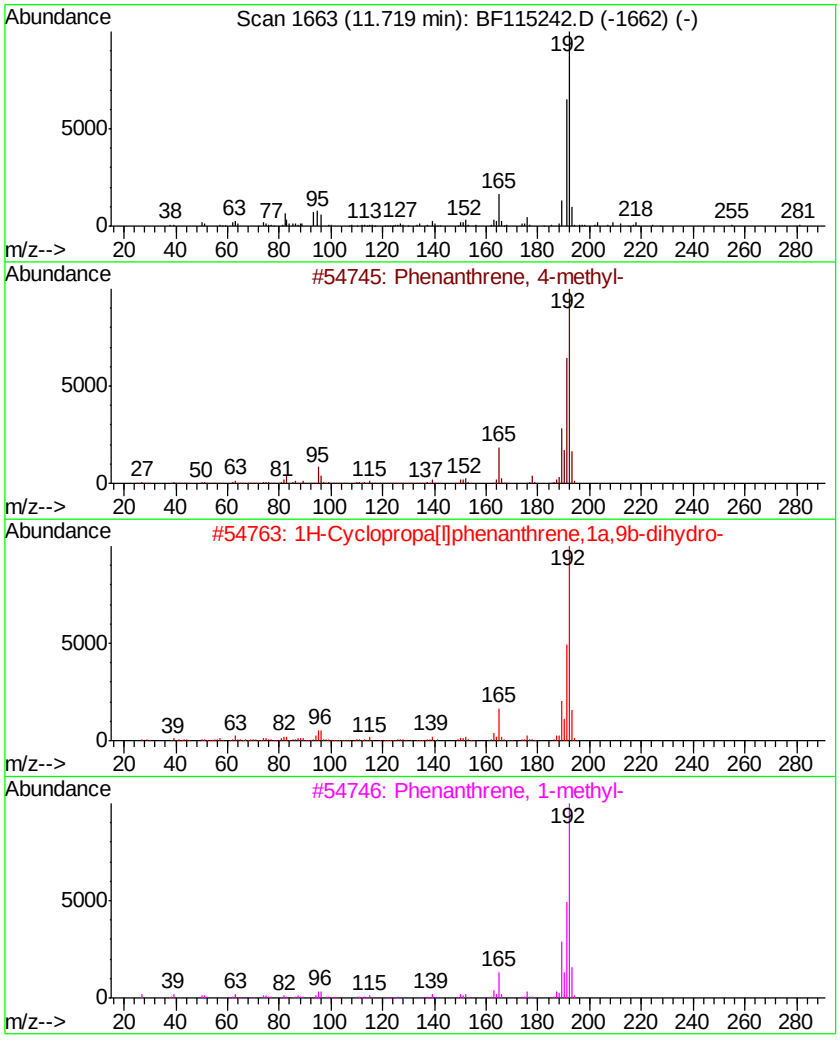
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

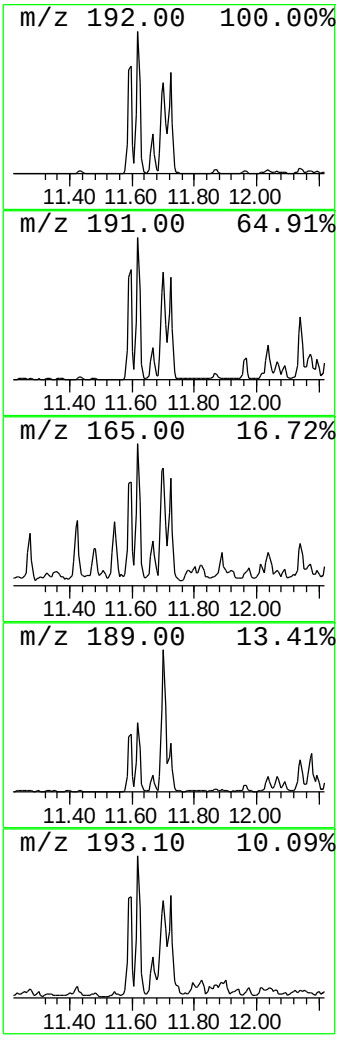
****

Peak Number 8 Phenanthrene, 4-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.72	3.87 ng	428242	Phenanthrene-d10	11.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	96
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	90
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	81
5	Propyne, 1,3-diphenyl-	192	C15H12	004980-70-5	81





Library Search Compound Report

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Data File : BF115242.D
Acq On : 27 Jun 2019 19:09
Operator : HP/JU
Sample : K3518-04
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CP-S4-SOIL

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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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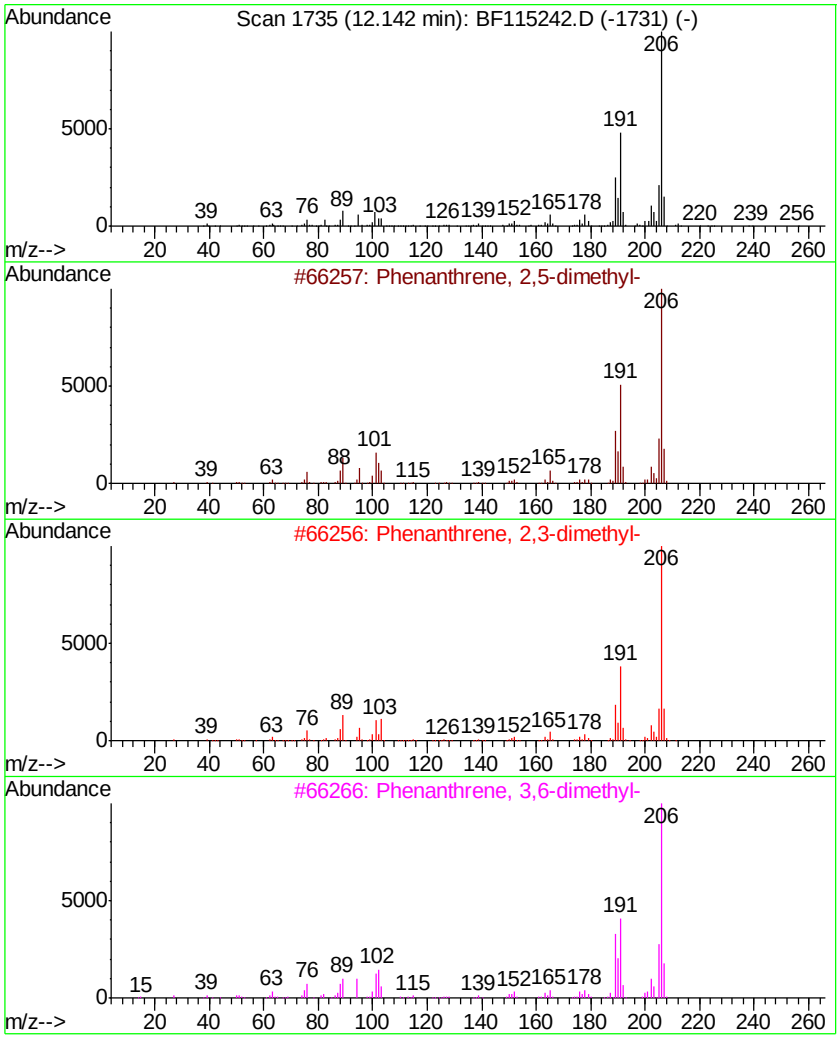
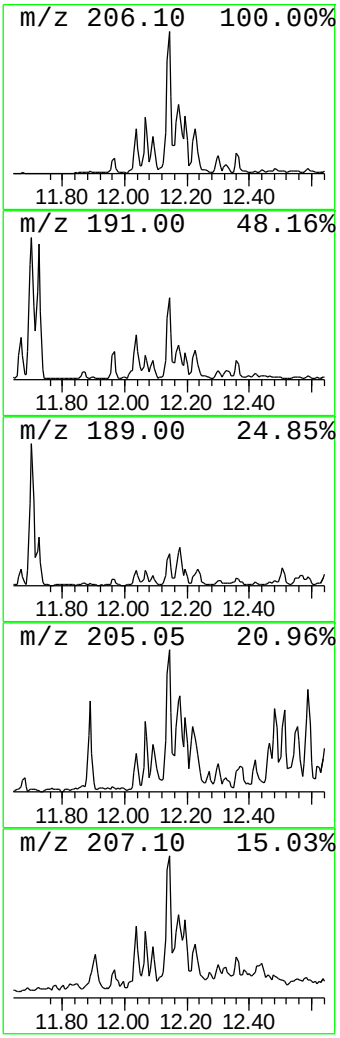
Peak Number 9 Phenanthrene, 2,5-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.14	3.66 ng	405779	Phenanthrene-d10	11.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
2	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	90
4	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	89
5	1H-Indene, 2-methyl-3-phenyl-	206	C16H14	035099-60-6	81





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Acq On : 27 Jun 2019 19:09
Operator : HP/JU
Sample : K3518-04
Misc :
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Instrument : BNA_F
ClientSampleId : CP-S4-SOIL

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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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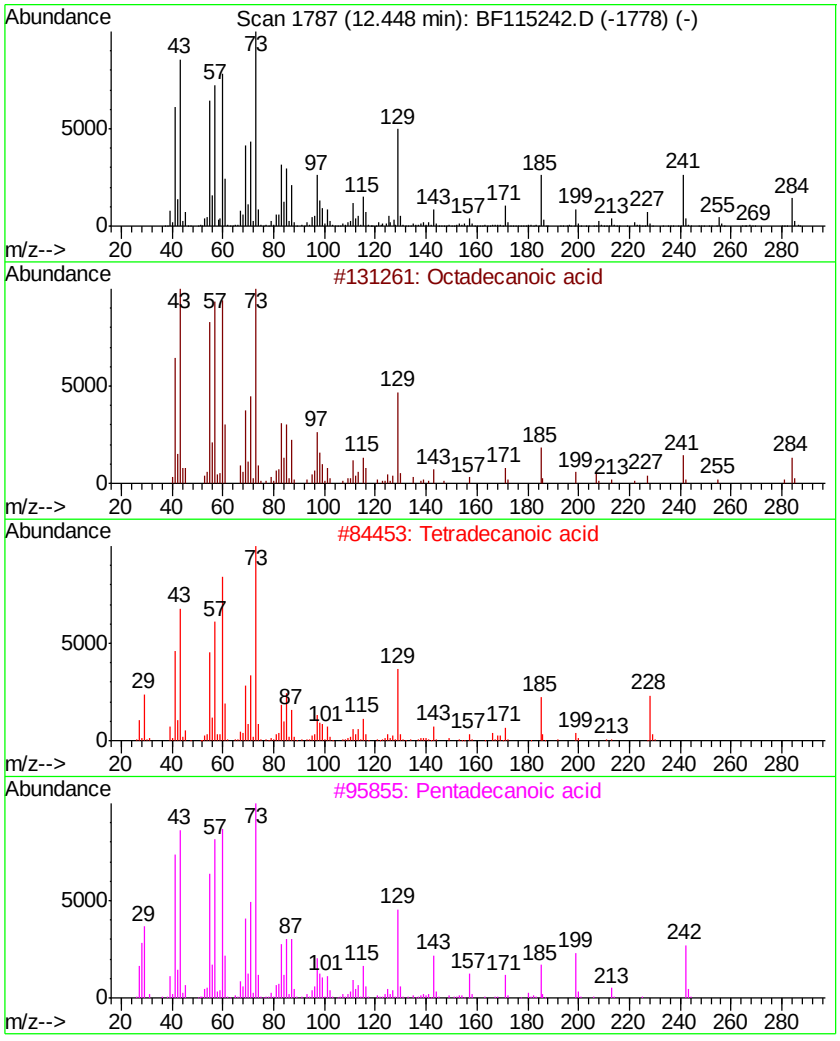
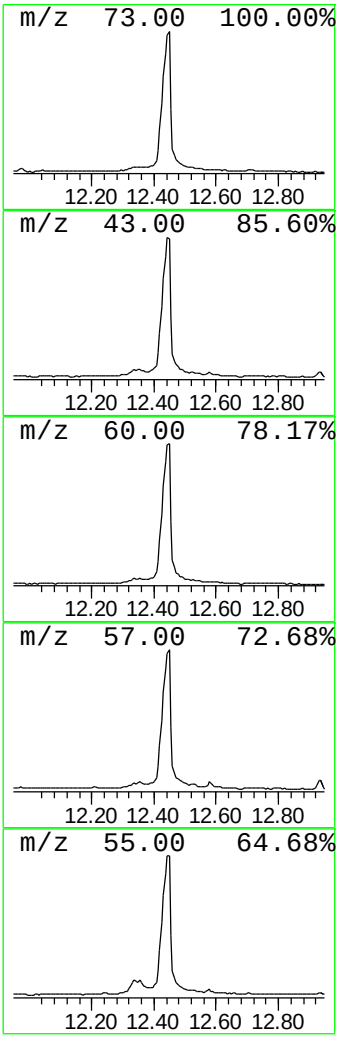
Peak Number 10 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.45	72.92 ng	11536800	Chrysene-d12	13.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	83
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	74
4	Tridecanoic acid	214	C13H26O2	000638-53-9	72
5	n-Decanoic acid	172	C10H20O2	000334-48-5	70





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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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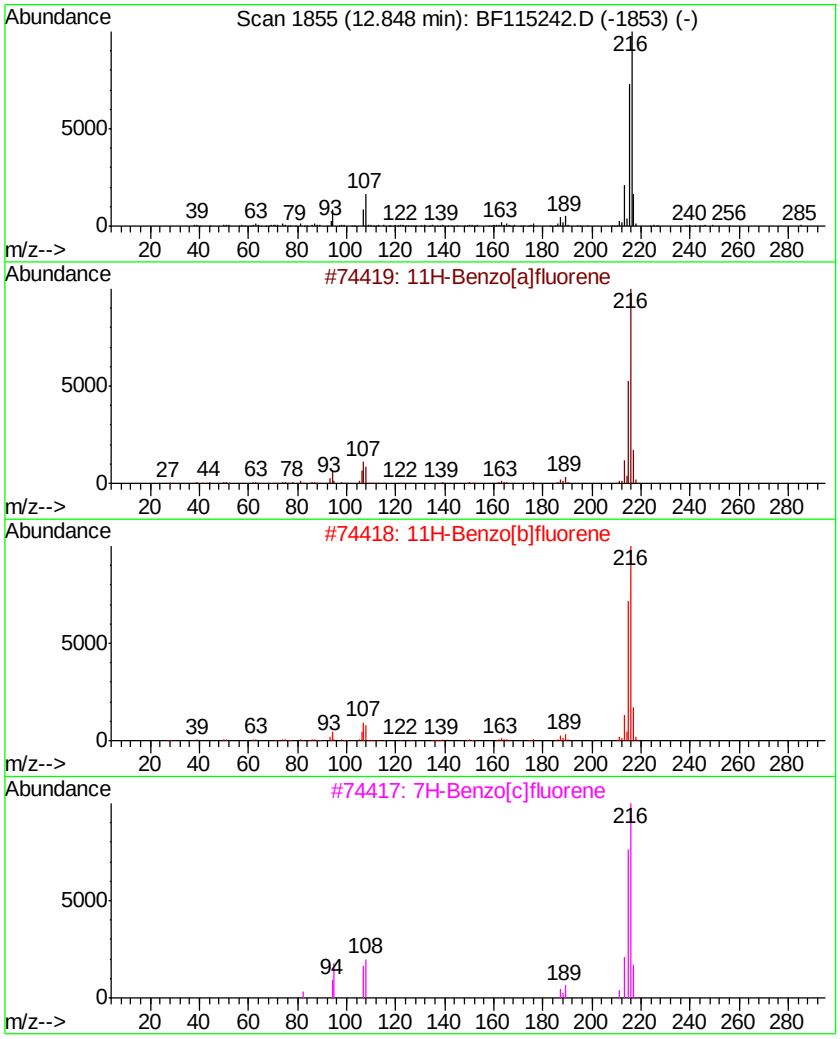
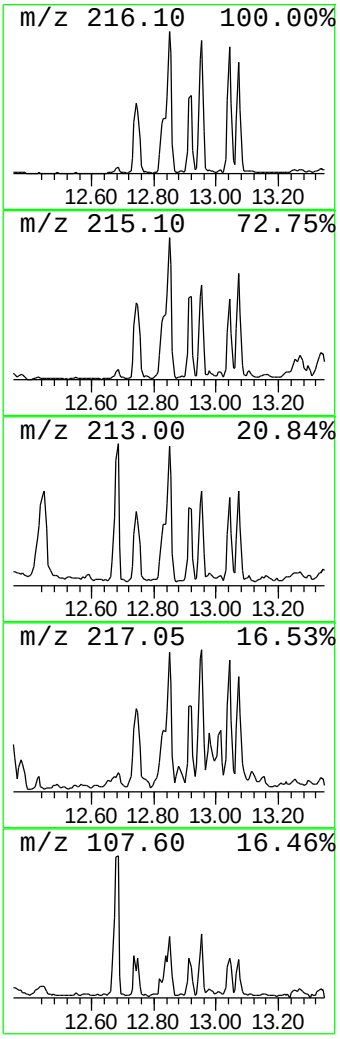
Peak Number 11 11H-Benzo[a]fluorene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.85	2.65 ng	419281	Chrysene-d12	13.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	94
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
3	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	87
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	80





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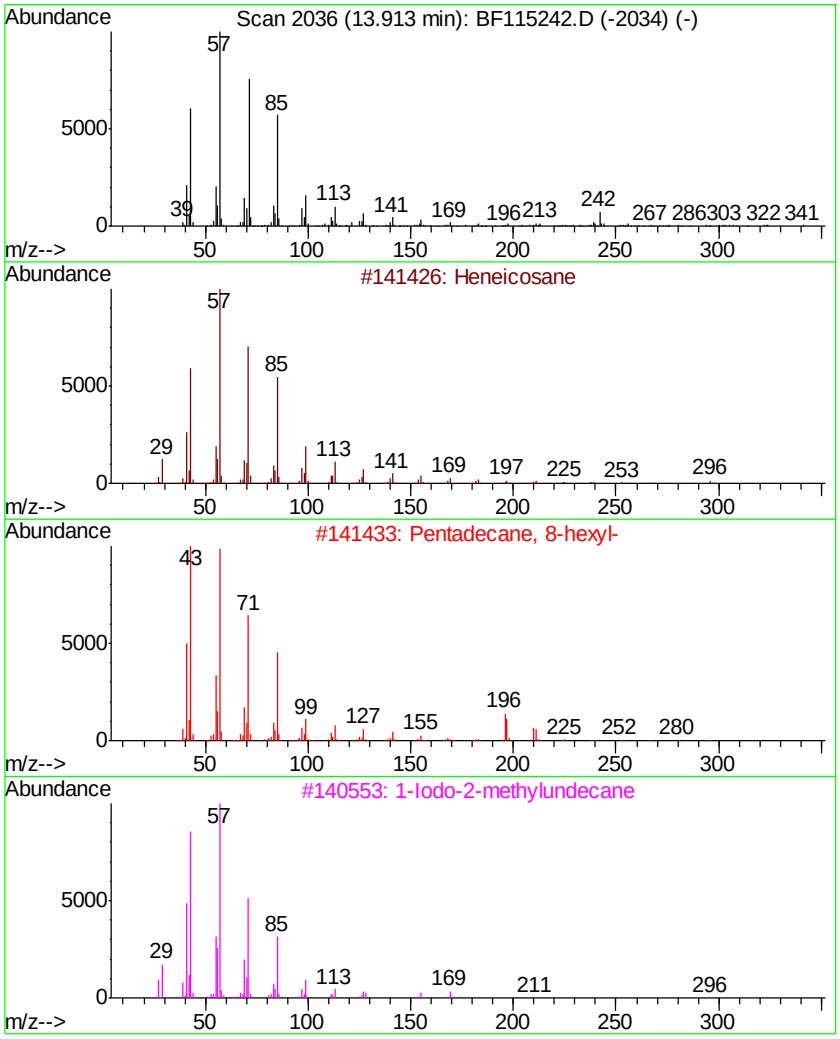
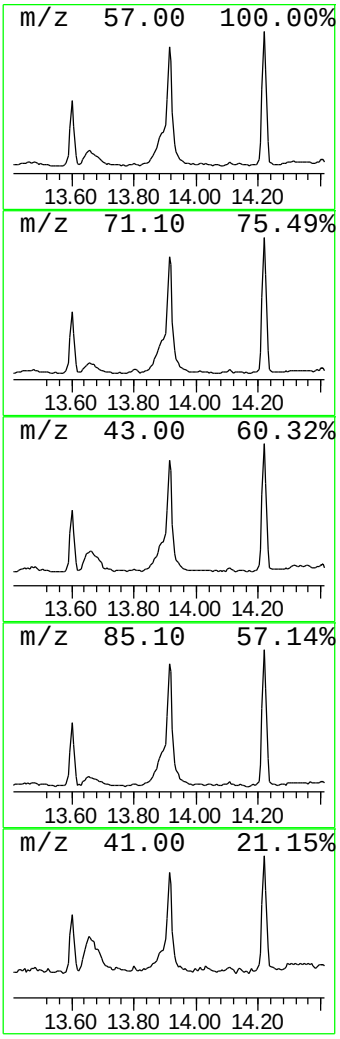
Peak Number 12 Heneicosane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.91	4.74 ng	750166	Chrysene-d12	13.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	90
3	1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	87
4	Nonadecane	268	C19H40	000629-92-5	86
5	Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	83





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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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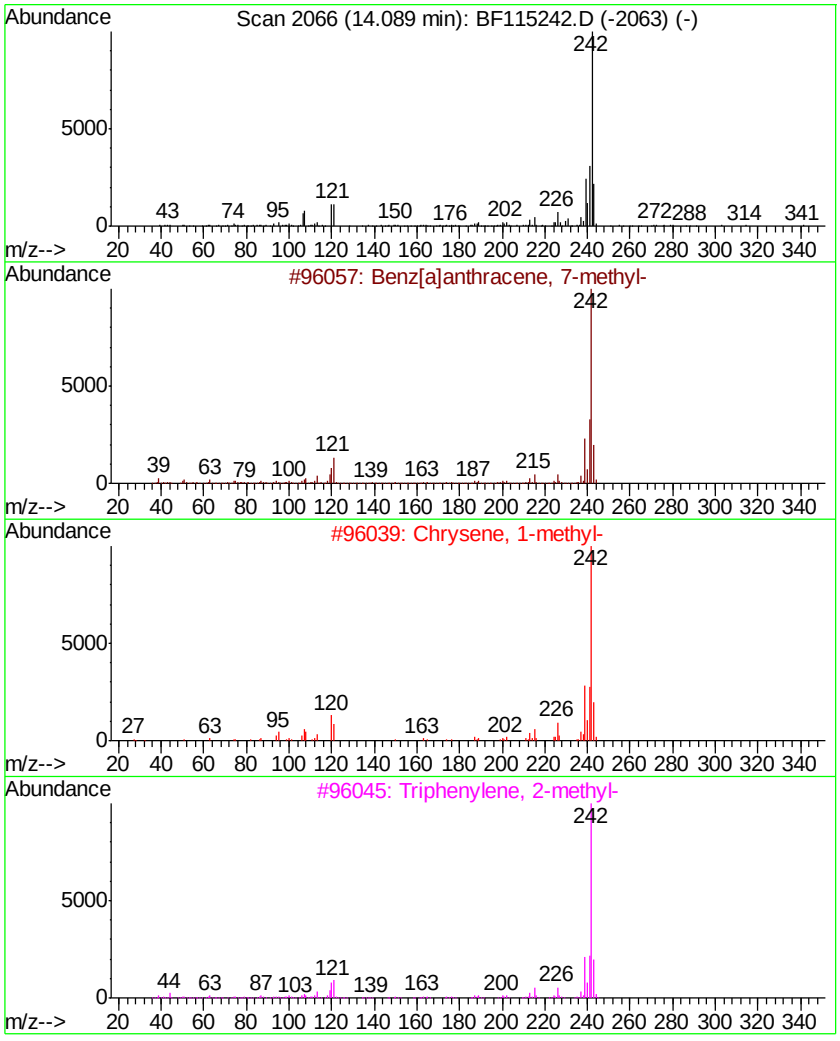
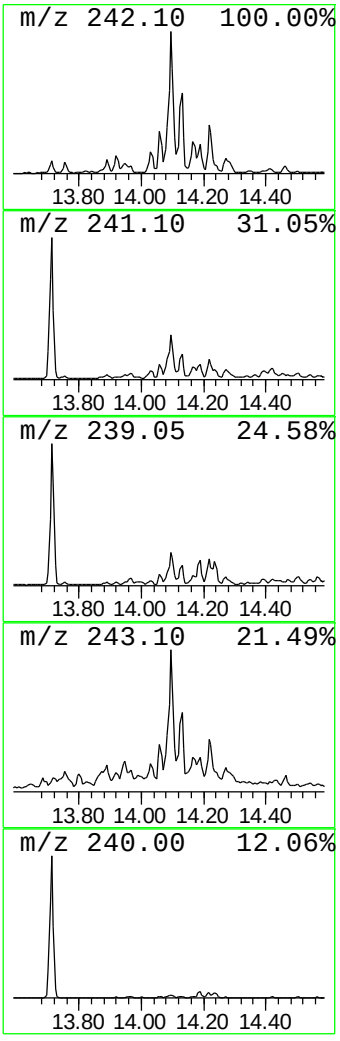
Peak Number 13 Benz[a]anthracene, 7-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.09	2.92 ng	461888	Chrysene-d12	13.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	95
2	Chrysene, 1-methyl-	242	C19H14	003351-28-8	93
3	Triphenylene, 2-methyl-	242	C19H14	001705-84-6	93
4	Benz[a]anthracene, 8-methyl-	242	C19H14	002381-31-9	90
5	Chrysene, 5-methyl-	242	C19H14	003697-24-3	90





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TIC Integration Parameters: LSCINT.P

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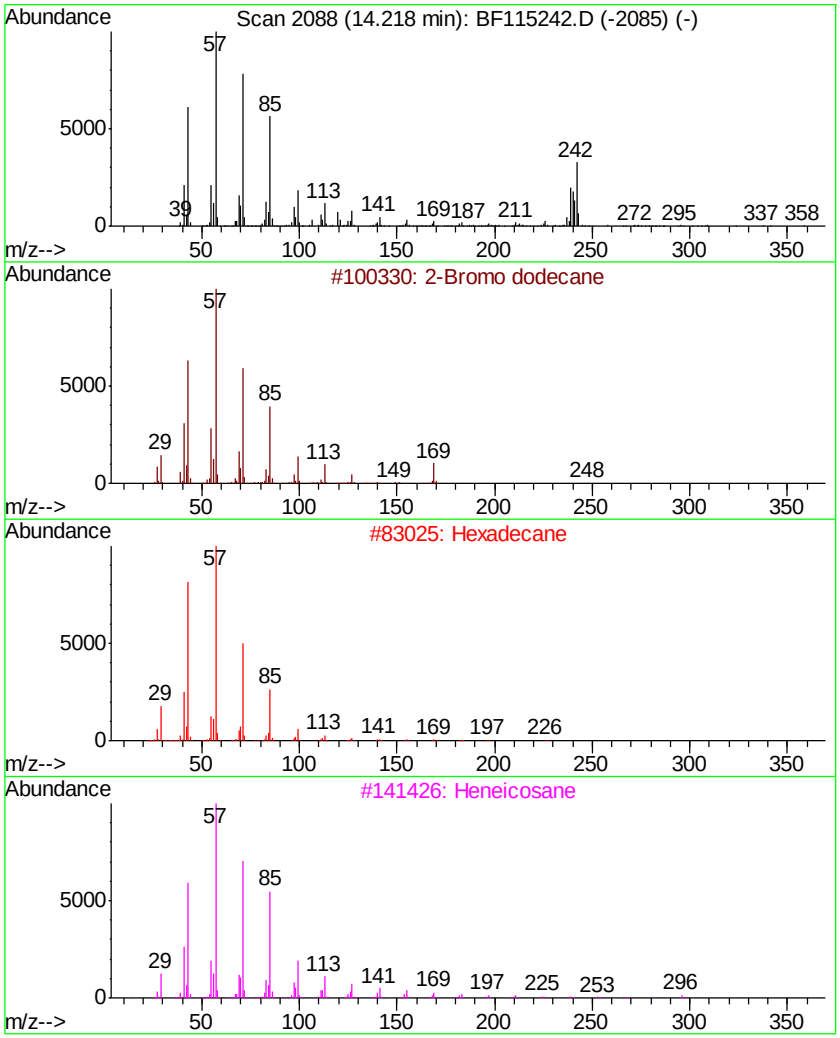
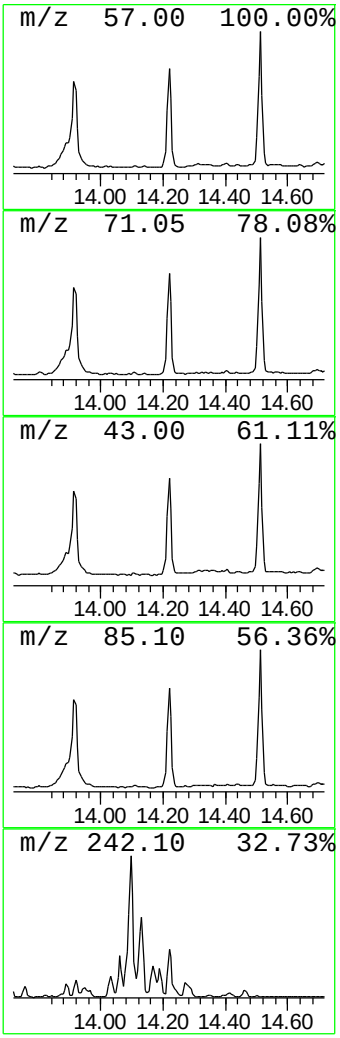
Peak Number 14 2-Bromo dodecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.22	6.69 ng	1057970	Chrysene-d12	13.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Bromo dodecane	248	C12H25Br	013187-99-0	94
2	Hexadecane	226	C16H34	000544-76-3	93
3	Heneicosane	296	C21H44	000629-94-7	70
4	Hexacosane	366	C26H54	000630-01-3	70
5	Heptadecane	240	C17H36	000629-78-7	68





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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TIC Integration Parameters: LSCINT.P

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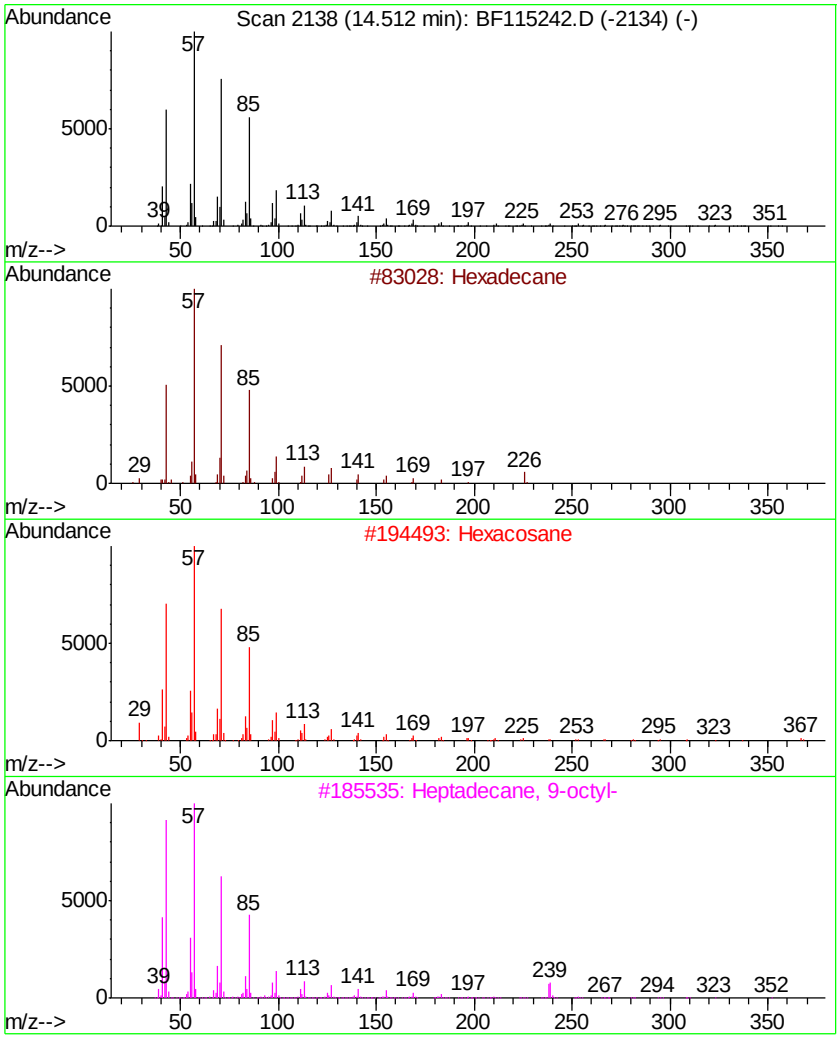
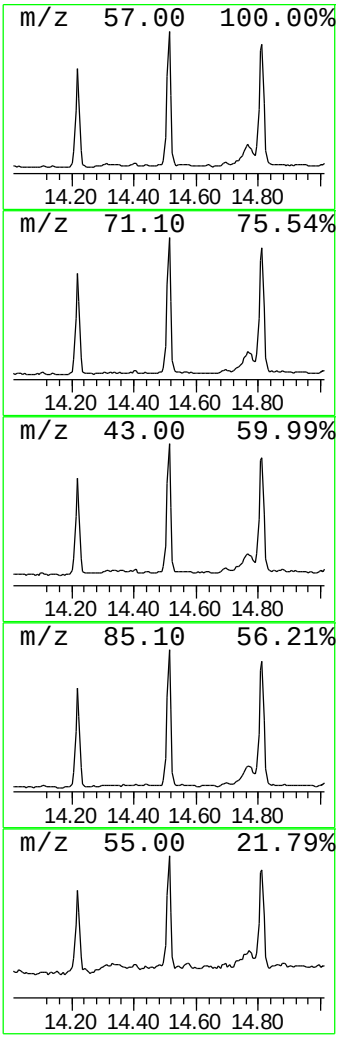
Peak Number 15 Hexadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.51	10.35 ng	1005070	Perylene-d12	15.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	94
2	Hexacosane	366	C26H54	000630-01-3	91
3	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
4	Heneicosane	296	C21H44	000629-94-7	91
5	2-methyloctacosane	408	C29H60	1000376-72-8	91





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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TIC Integration Parameters: LSCINT.P

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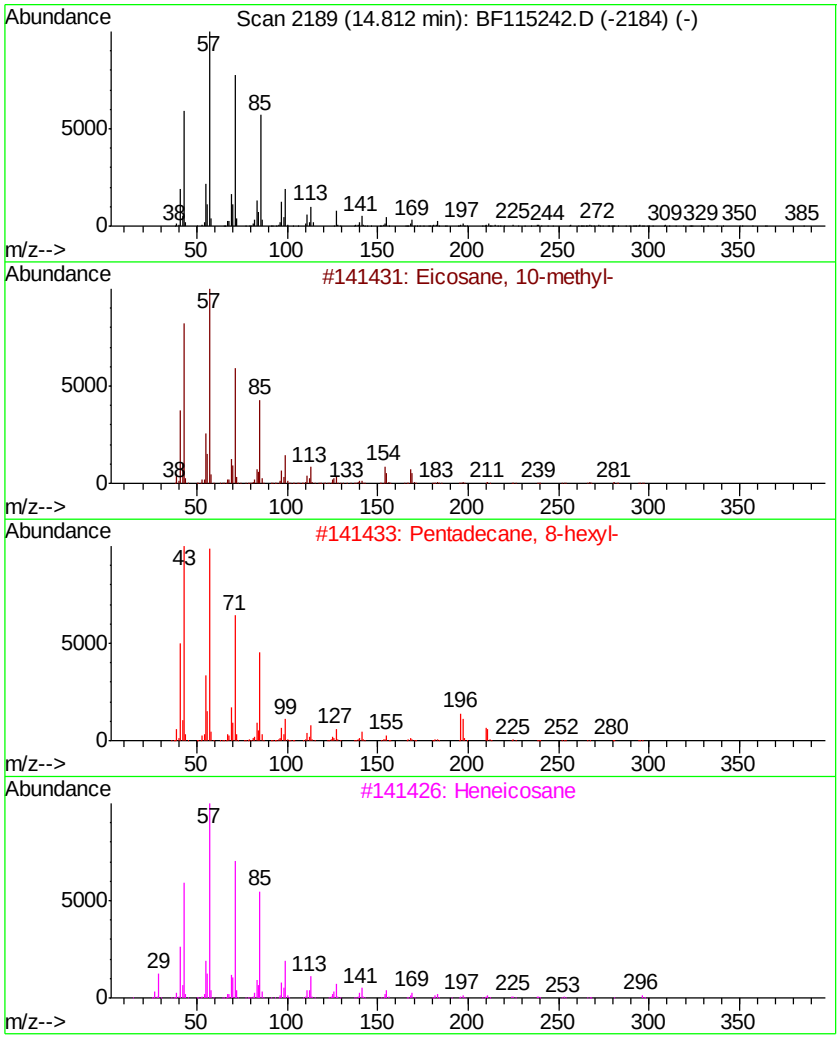
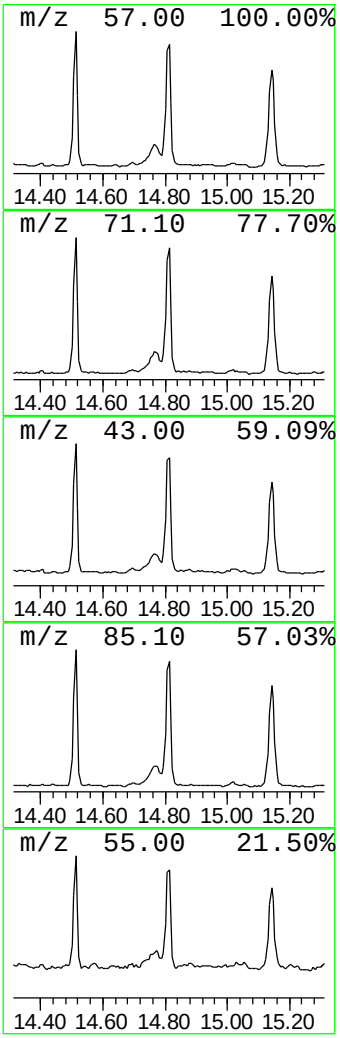
Peak Number 16 Eicosane, 10-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.81	12.83 ng	1245170	Perylene-d12	15.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane, 10-methyl-	296	C21H44	054833-23-7	93
2	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	93
3	Heneicosane	296	C21H44	000629-94-7	91
4	2-methyloctacosane	408	C29H60	1000376-72-8	91
5	Hexacosane	366	C26H54	000630-01-3	91





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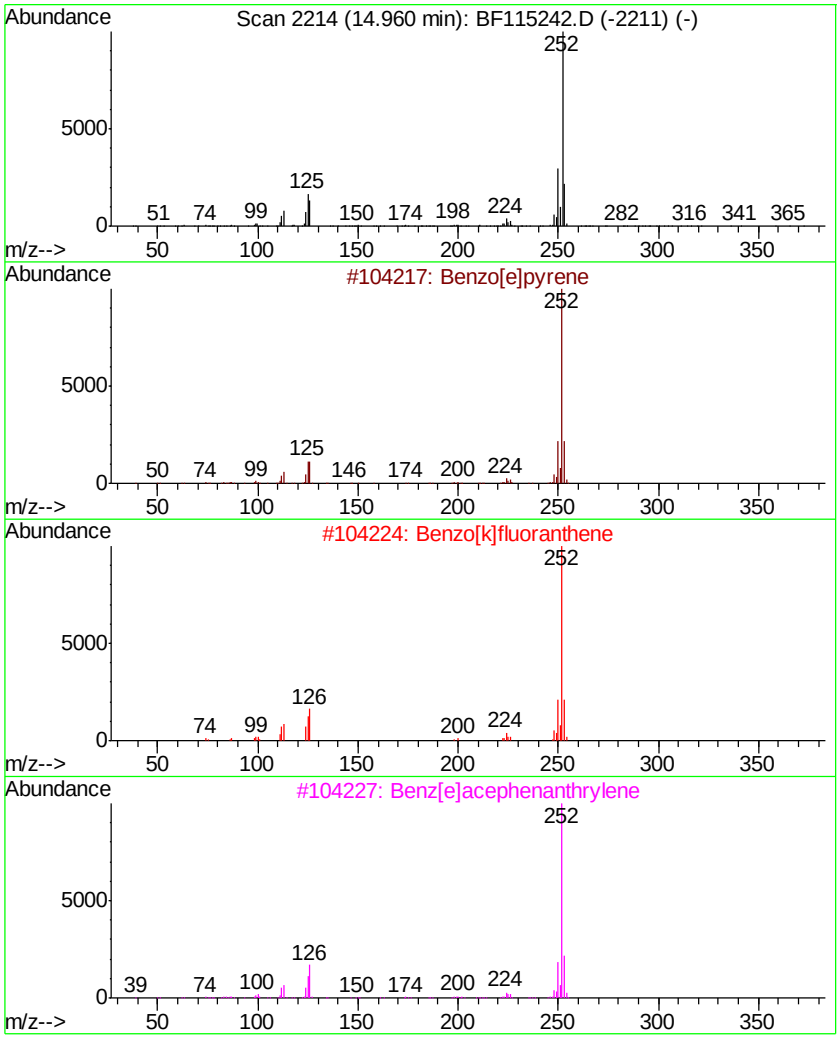
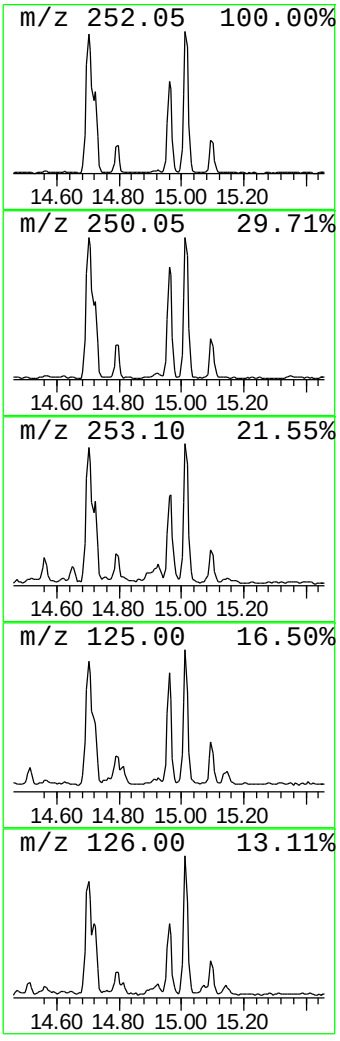
Peak Number 17 Benzo[e]pyrene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.96	6.23 ng	604861	Perylene-d12	15.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	90
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	90
4	Perylene	252	C20H12	000198-55-0	90
5	Benzo[a]pyrene	252	C20H12	000050-32-8	90





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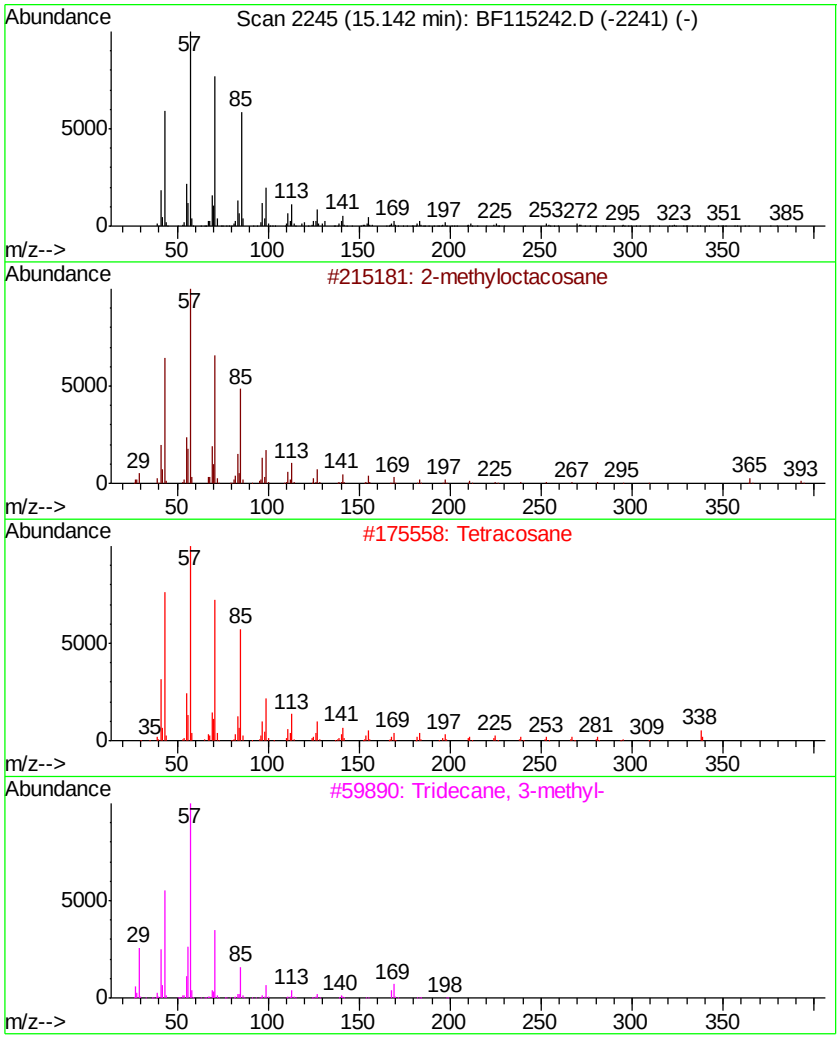
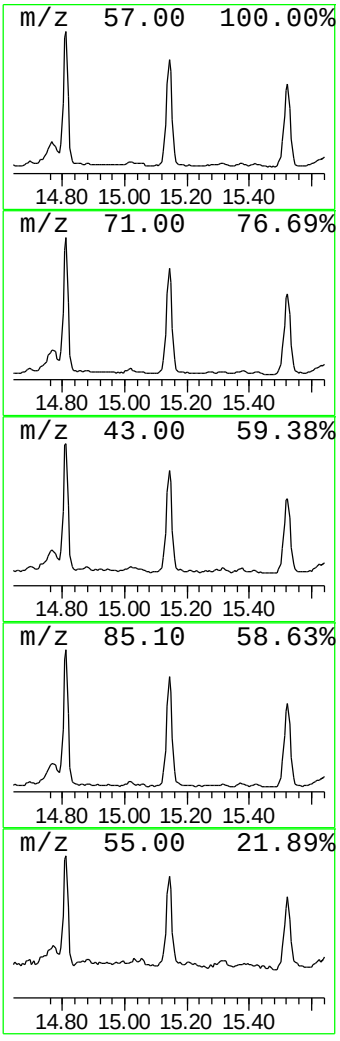
Peak Number 18 2-methyloctacosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.14	12.46 ng	1209660	Perylene-d12	15.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-methyloctacosane	408	C29H60	1000376-72-8	91
2	Tetracosane	338	C24H50	000646-31-1	91
3	Tridecane, 3-methyl-	198	C14H30	006418-41-3	91
4	Heneicosane	296	C21H44	000629-94-7	91
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91





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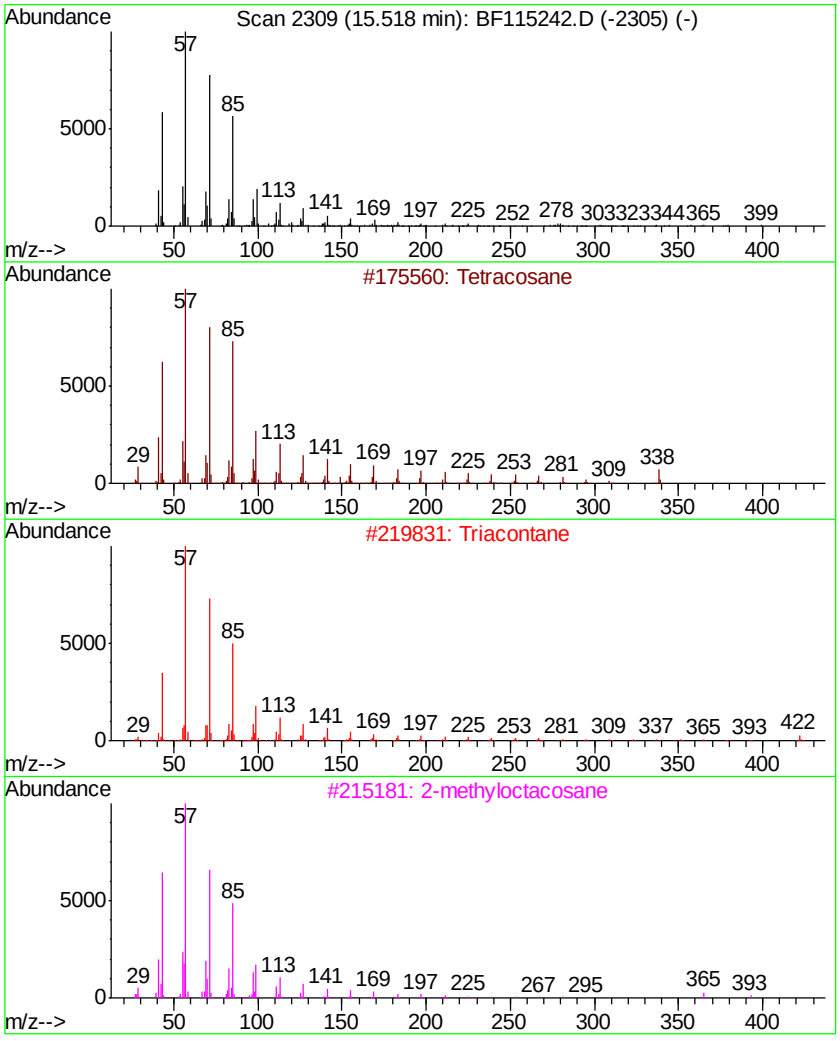
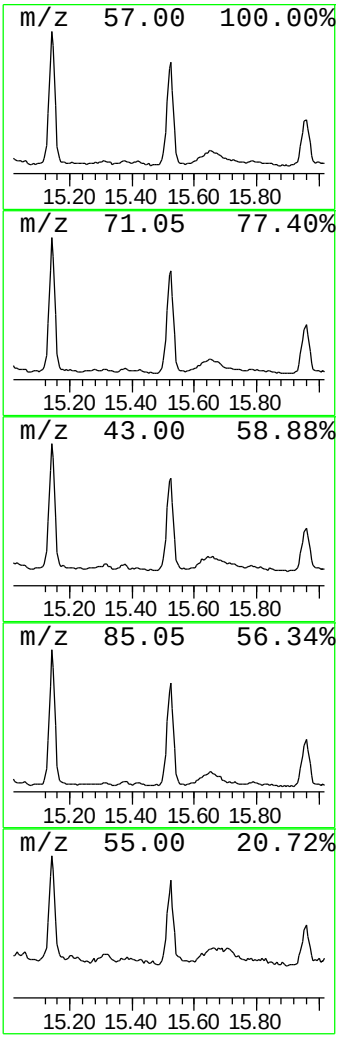
Peak Number 19 Tetracosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.52	8.89 ng	863503	Perylene-d12	15.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	93
2	Triacontane	422	C30H62	000638-68-6	91
3	2-methyloctacosane	408	C29H60	1000376-72-8	90
4	Heneicosane	296	C21H44	000629-94-7	90
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	90





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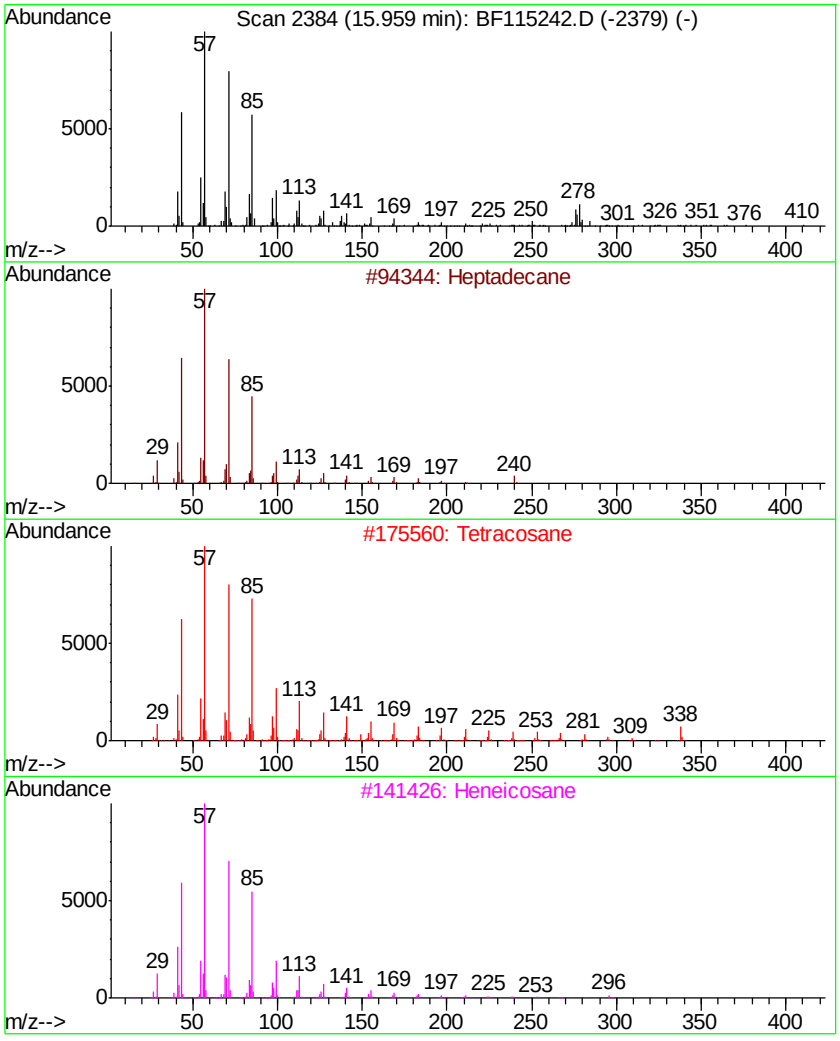
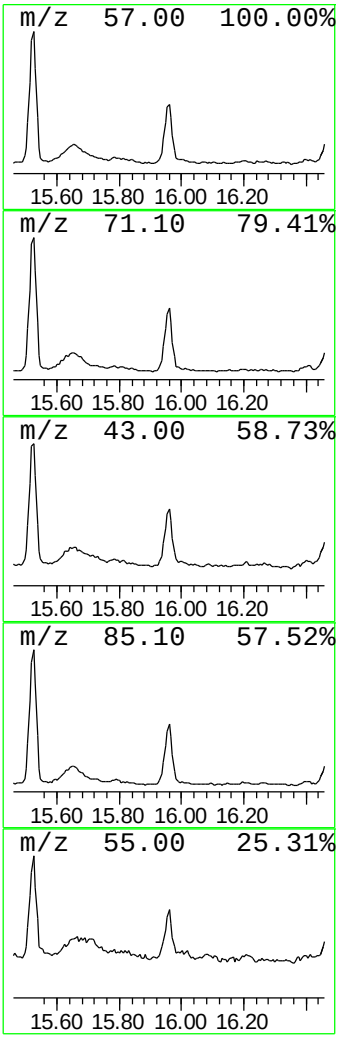
Peak Number 20 Heptadecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.96	4.81 ng	467270	Perylene-d12	15.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	91
2	Tetracosane	338	C24H50	000646-31-1	91
3	Heneicosane	296	C21H44	000629-94-7	87
4	2-methyloctacosane	408	C29H60	1000376-72-8	87
5	Tetracosane, 11-decyl-	479	C34H70	055429-84-0	83





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF062719\
Data File : BF115242.D
Acq On : 27 Jun 2019 19:09
Operator : HP/JU
Sample : K3518-04
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CP-S4-SOIL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062119.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
unknown-01	6.37	91.8	ng	5624000	1	6.60	1225720	20.0
Phenanthrene, 2-m...	11.60	6.8	ng	757796	4	11.10	2215640	20.0
Phenanthrene, 1-m...	11.62	6.9	ng	769301	4	11.10	2215640	20.0
n-Hexadecanoic acid	11.67	95.2	ng	10541300	4	11.10	2215640	20.0
Benzaldehyde, 3,5...	11.70	8.0	ng	885822	4	11.10	2215640	20.0
Phenanthrene, 4-m...	11.72	3.9	ng	428242	4	11.10	2215640	20.0
Phenanthrene, 2,5...	12.14	3.7	ng	405779	4	11.10	2215640	20.0
Octadecanoic acid	12.45	72.9	ng	11536800	5	13.71	3164130	20.0
11H-Benzo[a]fluorene	12.85	2.6	ng	419281	5	13.71	3164130	20.0
Heneicosane	13.91	4.7	ng	750166	5	13.71	3164130	20.0
Benz[a]anthracene...	14.09	2.9	ng	461888	5	13.71	3164130	20.0
2-Bromo dodecane	14.22	6.7	ng	1057970	5	13.71	3164130	20.0
Hexadecane	14.51	10.4	ng	1005070	6	15.07	1941760	20.0
Eicosane, 10-methyl-	14.81	12.8	ng	1245170	6	15.07	1941760	20.0
Benzo[e]pyrene	14.96	6.2	ng	604861	6	15.07	1941760	20.0
2-methyloctacosane	15.14	12.5	ng	1209660	6	15.07	1941760	20.0
Tetracosane	15.52	8.9	ng	863503	6	15.07	1941760	20.0
Heptadecane	15.96	4.8	ng	467270	6	15.07	1941760	20.0