LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062819\
Data File : BF115296.D
Acq On : 28 Jun 2019 21:56
Operator : HP/JU
Sample : K3518-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CP-S3-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	107305	129189	2.23%	0.162%
2	5.195	548	554	557	rBV	4155670	4192177	72.26%	5.268%
3	6.237	726	731	734	rBV	4226527	4350576	75.00%	5.467%
4	6.260	734	735	743	rVB	104338	93692	1.62%	0.118%
5	6.366	748	753	756	rBV	4868183	4542955	78.31%	5.709%
6	6.595	788	792	796	rBV	1805880	1376812	23.73%	1.730%
7	6.754	815	819	822	rBV	4377388	3684634	63.52%	4.630%
8	7.160	882	888	891	rBV	2849621	2862734	49.35%	3.598%
9	7.878	1006	1010	1013	rBV	2177790	1775498	30.61%	2.231%
10	8.954	1188	1193	1196	rBV	5981765	5299888	91.36%	6.660%
11	9.283	1246	1249	1252	rBV	98969	97043	1.67%	0.122%
12	9.348	1256	1260	1263	rBV	890638	684620	11.80%	0.860%
13	9.619	1302	1306	1310	rBV	2147766	2077275	35.81%	2.610%
14	9.654	1310	1312	1316	rVB	158829	130882	2.26%	0.164%
15	9.825	1336	1341	1345	rBV	78756	94838	1.63%	0.119%
16	9.866	1345	1348	1351	rVB	90780	71840	1.24%	0.090%
17	9.942	1356	1361	1363	rBV	78207	78592	1.35%	0.099%
18	10.160	1395	1398	1401	rBV	159502	140324	2.42%	0.176%
19	10.230	1405	1410	1412	rBV	98748	120939	2.08%	0.152%
20	10.401	1435	1439	1444	rBV	3572130	3519475	60.67%	4.423%
21	10.707	1486	1491	1494	rBV3	115782	162633	2.80%	0.204%
22	10.736	1494	1496	1499	rVV2	117681	104858	1.81%	0.132%
23	10.789	1503	1505	1509	rVB2	92194	88645	1.53%	0.111%
24	10.895	1521	1523	1529	rVB3	58827	70888	1.22%	0.089%
25	11.095	1553	1557	1559	rBV	2628940	2351417	40.53%	2.955%
26	11.119	1559	1561	1564	rVV	1519709	1188316	20.48%	1.493%
27	11.166	1564	1569	1572	rVB	432472	358414	6.18%	0.450%
28	11.207	1573	1576	1579	rBV	67738	71536	1.23%	0.090%
29	11.395	1605	1608	1610	rBV	86090	73081	1.26%	0.092%
30	11.424	1610	1613	1619	rVB	152084	149549	2.58%	0.188%
31	11.507	1624	1627	1630	rVB	81522	83788	1.44%	0.105%
32	11.595	1638	1642	1644	rBV	570113	518977	8.95%	0.652%
33	11.618	1644	1646	1648	rVV	728207	581422	10.02%	0.731%
34	11.648	1648	1651	1653	rVV	688973	692401	11.94%	0.870%

LSC Area Percent Report

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Operator : HP/JU
Sample : K3518-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CP-S3-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	11.666	1653	1654	1657	rVV2	320169	233863	4.03%	0.294%
36	11.701	1657	1660	1662	rVV	916682	898147	15.48%	1.129%
37	11.724	1662	1664	1667	rVB	551381	412989	7.12%	0.519%
38	11.824	1678	1681	1684	rVB2	84262	76645	1.32%	0.096%
39	11.889	1689	1692	1693	rVV2	277628	242619	4.18%	0.305%
40	11.907	1693	1695	1702	rVB2	204536	207285	3.57%	0.260%
41	11.960	1702	1704	1708	rBV	65370	76617	1.32%	0.096%
42	12.036	1715	1717	1720	rVB	168155	131575	2.27%	0.165%
43	12.066	1720	1722	1724	rBV	152292	109145	1.88%	0.137%
44	12.089	1724	1726	1729	rVB	119952	91635	1.58%	0.115%
45	12.142	1731	1735	1738	rBV	408197	454566	7.84%	0.571%
46	12.177	1738	1741	1743	rBV	221319	207096	3.57%	0.260%
47	12.218	1746	1748	1749	rBV2	110743	99992	1.72%	0.126%
48	12.295	1757	1761	1766	rBV	2638452	2312013	39.85%	2.905%
49	12.348	1768	1770	1780	rVB5	159229	274627	4.73%	0.345%
50	12.424	1780	1783	1788	rBV3	410028	508708	8.77%	0.639%
51	12.524	1795	1800	1802	rBV	2919650	3094847	53.35%	3.889%
52	12.548	1802	1804	1806	rVV2	126574	117766	2.03%	0.148%
53	12.577	1806	1809	1814	rVB3	150715	251199	4.33%	0.316%
54	12.642	1817	1820	1822	rBV	117200	92351	1.59%	0.116%
55	12.677	1822	1826	1829	rBV	5746314	5801133	100.00%	7.290%
56	12.748	1832	1838	1840	rBV2	325377	448022	7.72%	0.563%
57	12.830	1848	1852	1853	rBV4	225583	238675	4.11%	0.300%
58	12.848	1853	1855	1859	rVB	620067	569140	9.81%	0.715%
59	12.889	1859	1862	1864	rBV3	54348	67154	1.16%	0.084%
60	12.918	1864	1867	1870	rBV	466645	458578	7.90%	0.576%
61	12.954	1870	1873	1875	rVV	576639	502509	8.66%	0.631%
62	12.977	1875	1877	1880	rVV	124257	134637	2.32%	0.169%
63	13.013	1880	1883	1885	rVB	87328	73513	1.27%	0.092%
64	13.042	1885	1888	1891	rBV	416162	335381	5.78%	0.421%
65	13.071	1891	1893	1897	rVB	404313	314457	5.42%	0.395%
66	13.148	1904	1906	1914	rVB5	65793	126030	2.17%	0.158%
67	13.224	1916	1919	1920	rBV2	76392	76206	1.31%	0.096%
68	13.254	1921	1924	1925	rVV2	81064	85840	1.48%	0.108%
69	13.271	1925	1927	1930	rVB	201678	179076	3.09%	0.225%
70	13.348	1935	1940	1945	rBV3	220060	357439	6.16%	0.449%
71	13.460	1955	1959	1962	rBV2	306600	391594	6.75%	0.492%

LSC Area Percent Report

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Acq On : 28 Jun 2019 21:56
Operator : HP/JU
Sample : K3518-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CP-S3-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	13.489	1962	1964	1966	rVV	286155	214719	3.70%	0.270%
73	13.512	1966	1968	1972	rVB2	159879	152057	2.62%	0.191%
74	13.554	1973	1975	1980	rVB	184082	221033	3.81%	0.278%
75	13.601	1980	1983	1985	rBV2	258658	304622	5.25%	0.383%
76	13.712	1996	2002	2004	rBV2	2643237	3580492	61.72%	4.500%
77	13.736	2004	2006	2009	rVB	1437825	1133317	19.54%	1.424%
78	13.812	2014	2019	2022	rBV2	304990	319072	5.50%	0.401%
79	13.848	2022	2025	2027	rBV2	107920	98345	1.70%	0.124%
80	13.918	2034	2037	2043	rVB3	262825	269097	4.64%	0.338%
81	13.965	2043	2045	2051	rVB3	109063	138903	2.39%	0.175%
82	14.030	2054	2056	2059	rVB	100417	91359	1.57%	0.115%
83	14.060	2059	2061	2063	rBV	143607	124161	2.14%	0.156%
84	14.095	2063	2067	2070	rBV	425617	444300	7.66%	0.558%
85	14.130	2070	2073	2076	rVB	249510	212201	3.66%	0.267%
86	14.189	2080	2083	2085	rVB	218694	187799	3.24%	0.236%
87	14.218	2085	2088	2090	rBV	637508	568009	9.79%	0.714%
88	14.389	2115	2117	2119	rBV2	80474	81104	1.40%	0.102%
89	14.512	2134	2138	2141	rBV2	612841	568775	9.80%	0.715%
90	14.701	2166	2170	2173	rBV	1008756	1411200	24.33%	1.773%
91	14.807	2183	2188	2195	rVB2	580352	788898	13.60%	0.991%
92	14.965	2211	2215	2219	rVB	632416	695219	11.98%	0.874%
93	15.018	2220	2224	2228	rVV	935435	1027176	17.71%	1.291%
94	15.077	2229	2234	2237	rVV	1757296	2133912	36.78%	2.682%
95	15.101	2237	2238	2241	rVV	253704	222921	3.84%	0.280%
96	15.142	2242	2245	2253	rVB	571836	774580	13.35%	0.973%
97	15.524	2306	2310	2314	rBV	375259	508475	8.77%	0.639%
98	15.959	2379	2384	2389	rBV2	200830	330972	5.71%	0.416%
99	16.330	2442	2447	2455	rVB2	339251	603159	10.40%	0.758%
100	16.701	2506	2510	2520	rVB	271790	495845	8.55%	0.623%

Sum of corrected areas: 79574699

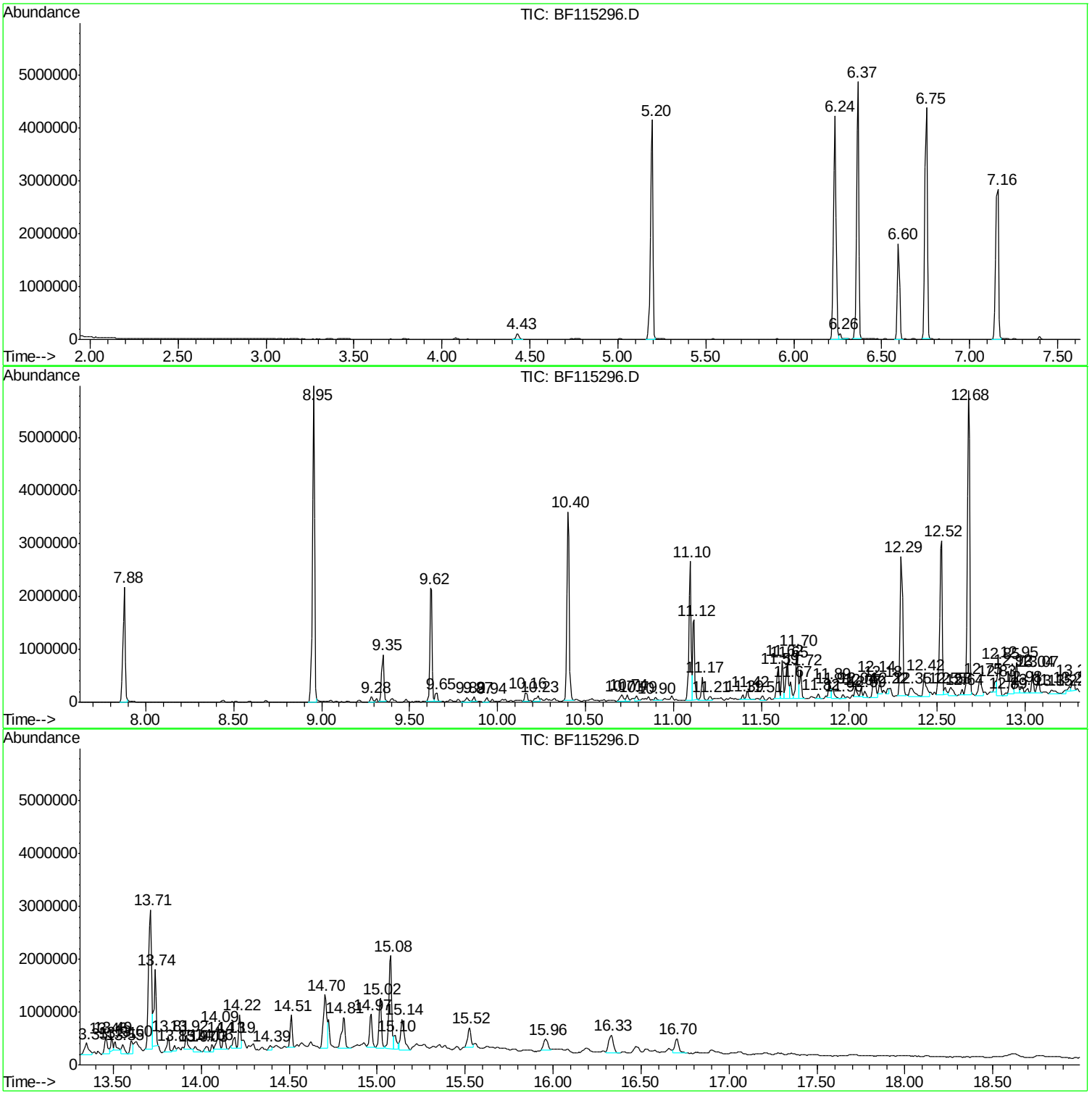
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062819\
Data File : BF115296.D
Acq On : 28 Jun 2019 21:56
Operator : HP/JU
Sample : K3518-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CP-S3-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



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062819\
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Misc :
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Instrument : BNA_F
ClientSampleId : CP-S3-SOIL

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

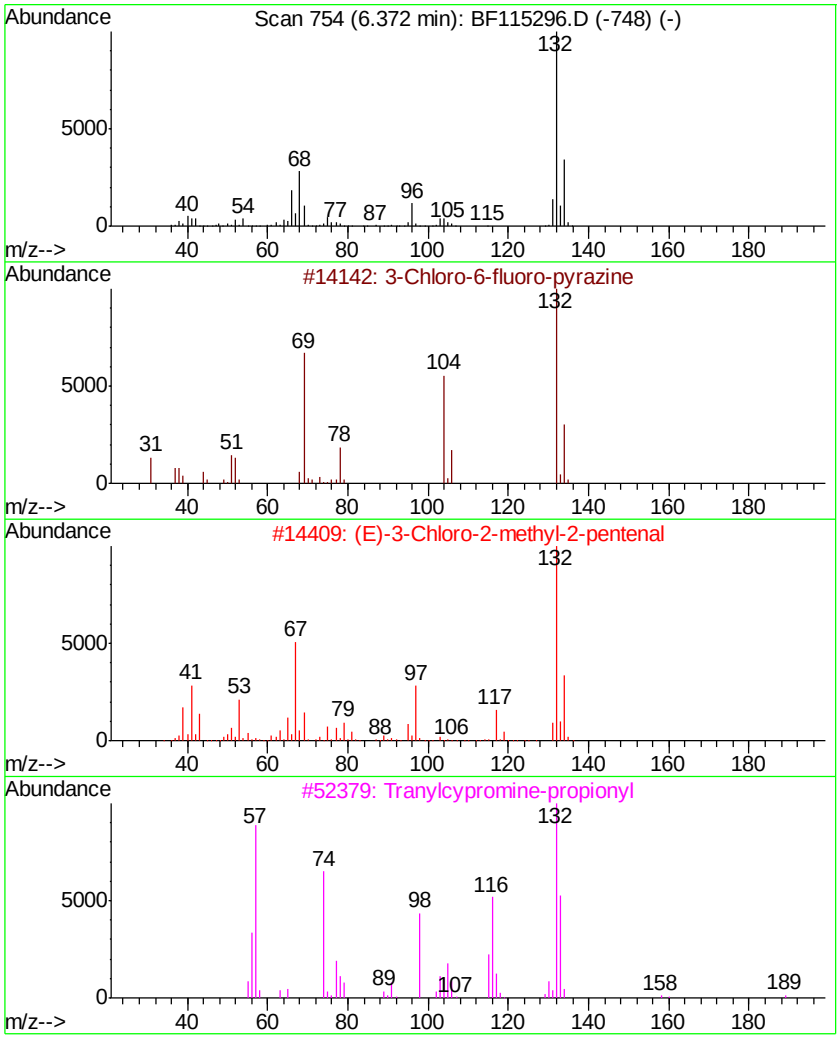
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

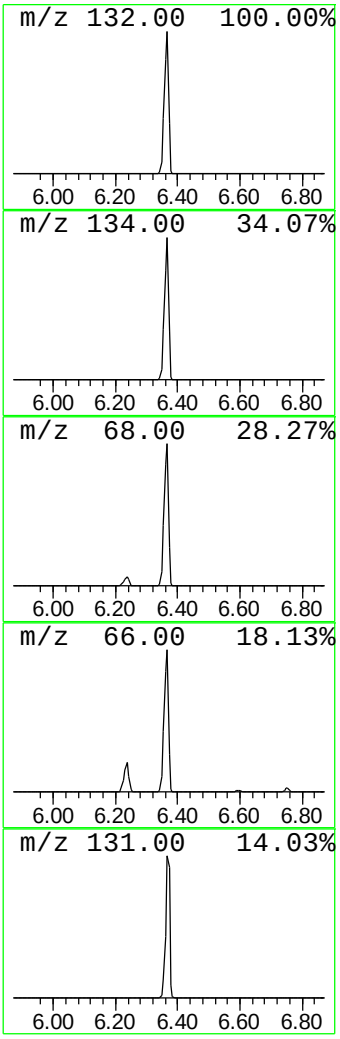
****

Peak Number 1 unknown6.37 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.37	65.99 ng	4542960	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	35
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	25
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	16
4	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9
5	Cyclopropanamine, 1-phenyl-	133	C9H11N	1000351-26-2	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062819\
Data File : BF115296.D
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Instrument : BNA_F
ClientSampleId : CP-S3-SOIL

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

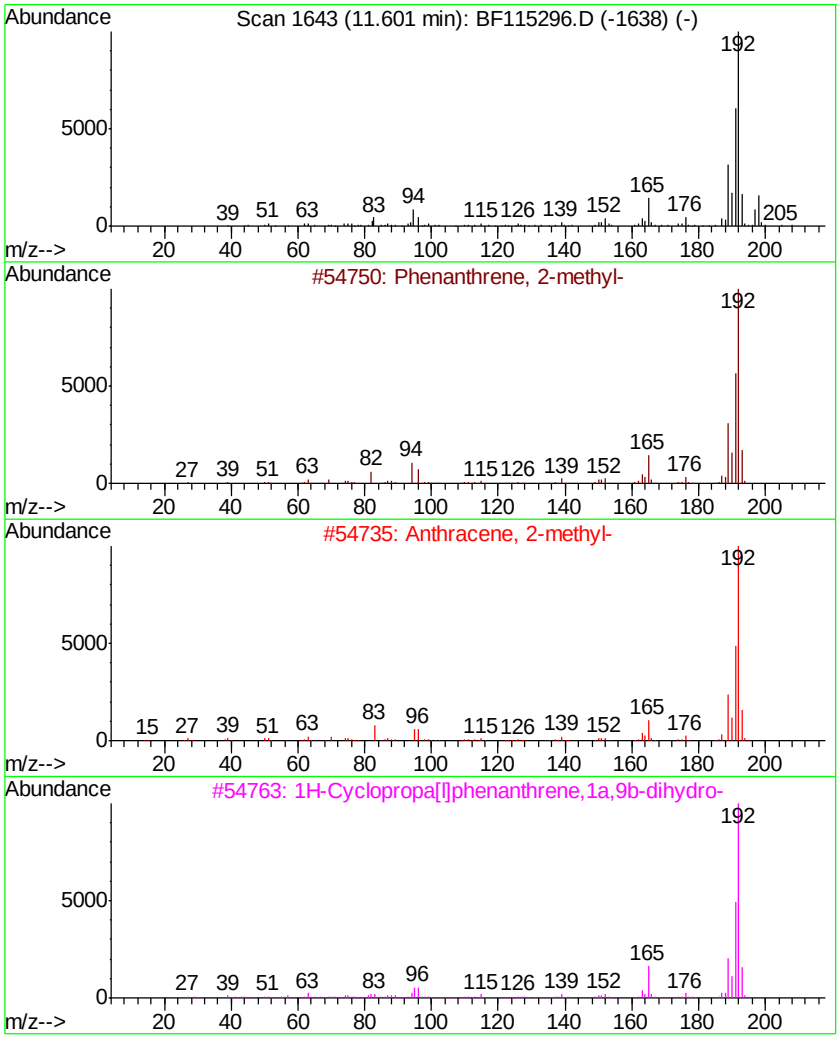
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

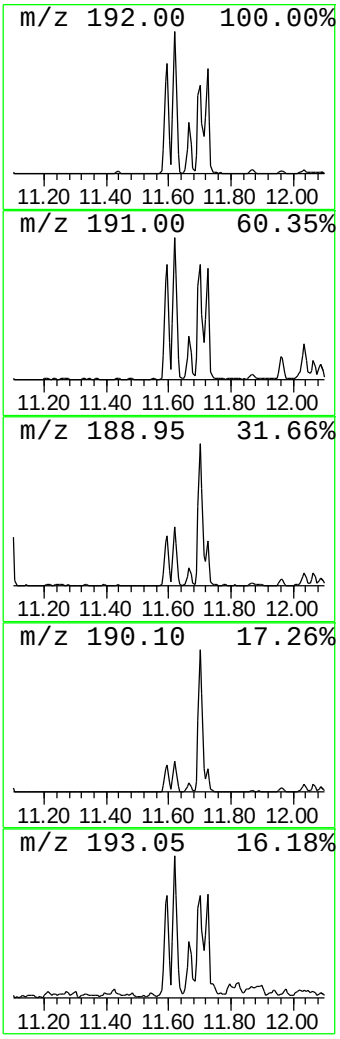
****

Peak Number 3 Phenanthrene, 2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.60	4.41 ng	518977	Phenanthrene-d10	11.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93





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Instrument : BNA_F
ClientSampleId : CP-S3-SOIL

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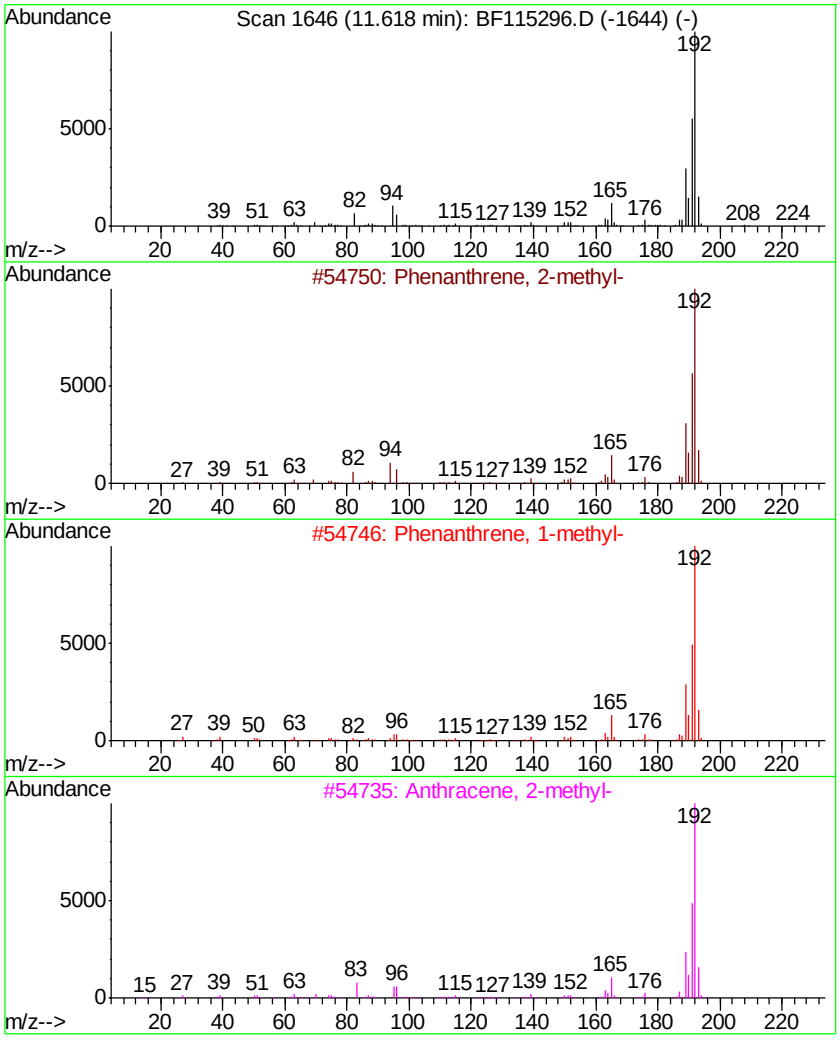
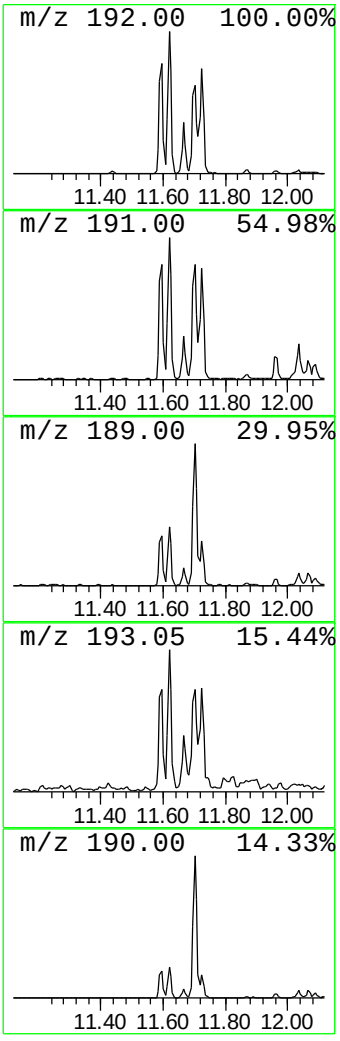
****

Peak Number 4 Phenanthrene, 1-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.62	4.95 ng	581422	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	96
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	96
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95





Library Search Compound Report

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Data File : BF115296.D
Acq On : 28 Jun 2019 21:56
Operator : HP/JU
Sample : K3518-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CP-S3-SOIL

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

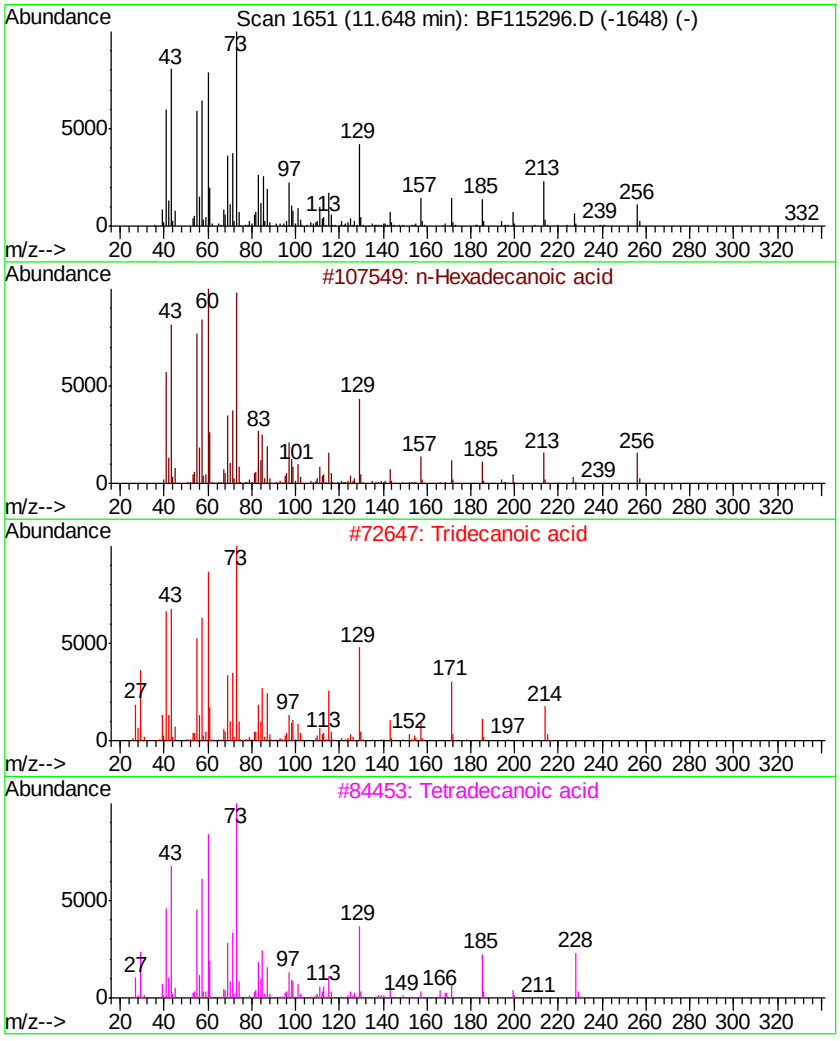
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

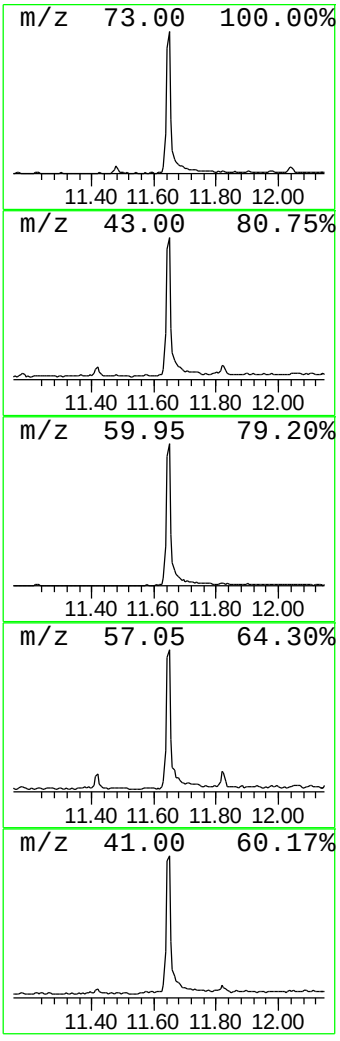
****

Peak Number 5 n-Hexadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.65	5.89 ng	692401	Phenanthrene-d10	11.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	94
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	93
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	81
5	Octadecanoic acid	284	C18H36O2	000057-11-4	81





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062819\
Data File : BF115296.D
Acq On : 28 Jun 2019 21:56
Operator : HP/JU
Sample : K3518-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CP-S3-SOIL

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

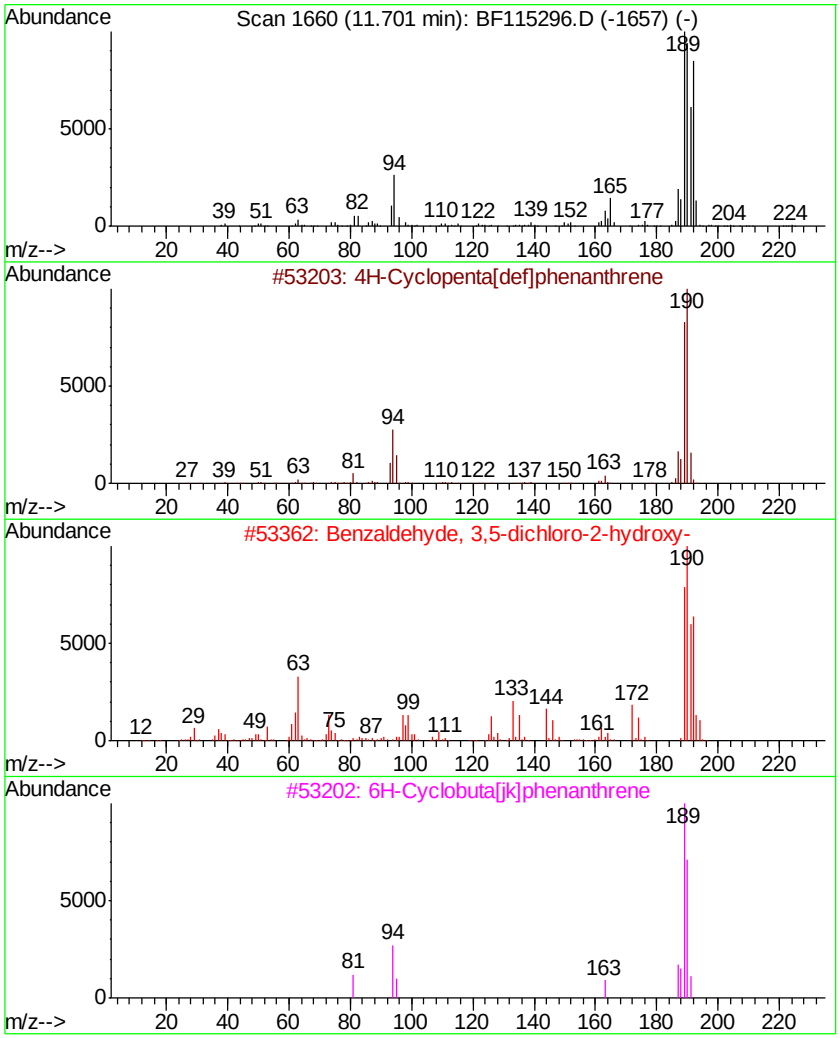
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

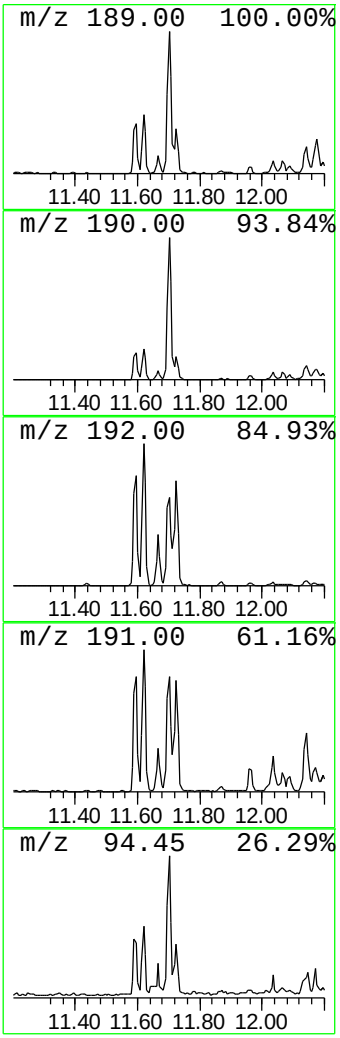
****

Peak Number 6 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.70	7.64 ng	898147	Phenanthrene-d10	11.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	92
2	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	80
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	49
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	42
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	41





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Acq On : 28 Jun 2019 21:56
Operator : HP/JU
Sample : K3518-03
Misc :
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Instrument : BNA_F
ClientSampleId : CP-S3-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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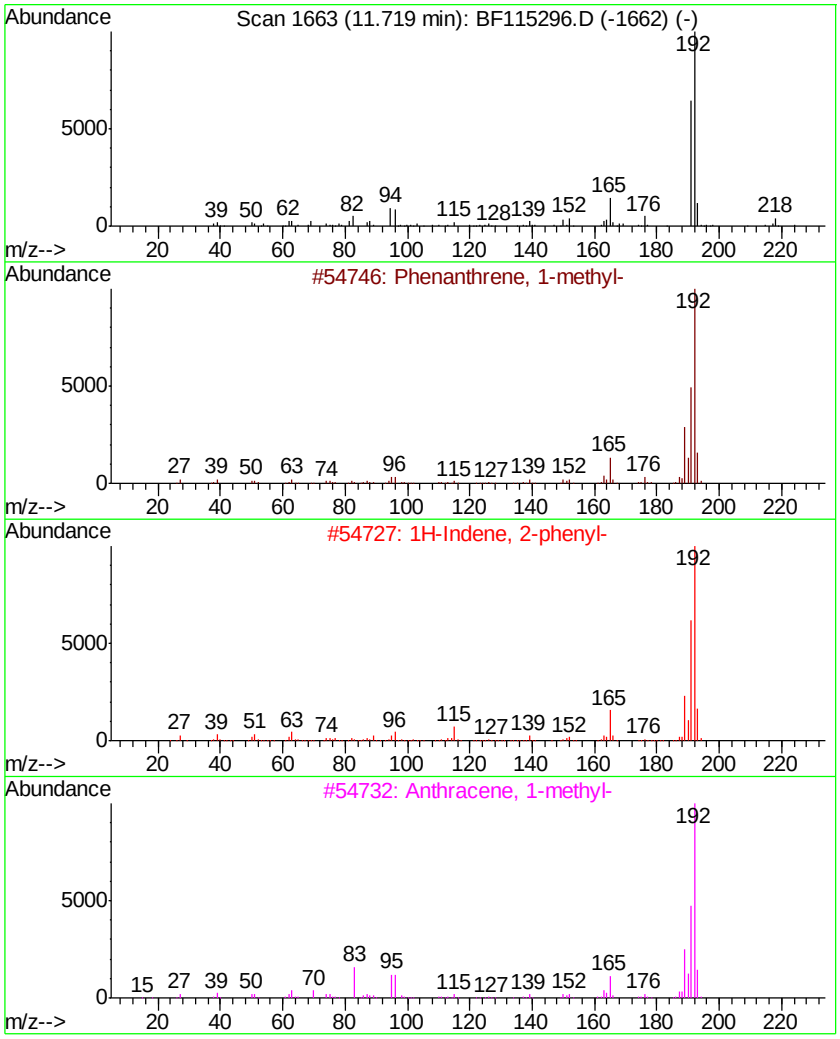
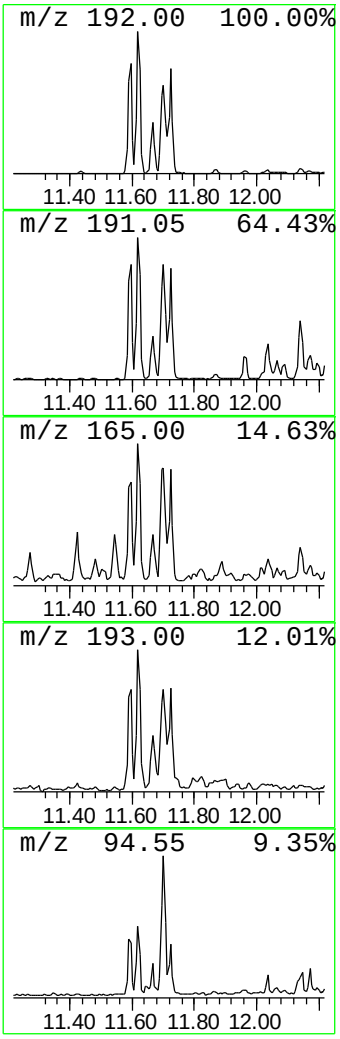
Peak Number 7 1H-Indene, 2-phenyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.72	3.51 ng	412989	Phenanthrene-d10	11.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	87
2	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	87
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	87
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	87
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	83





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Instrument : BNA_F
ClientSampleId : CP-S3-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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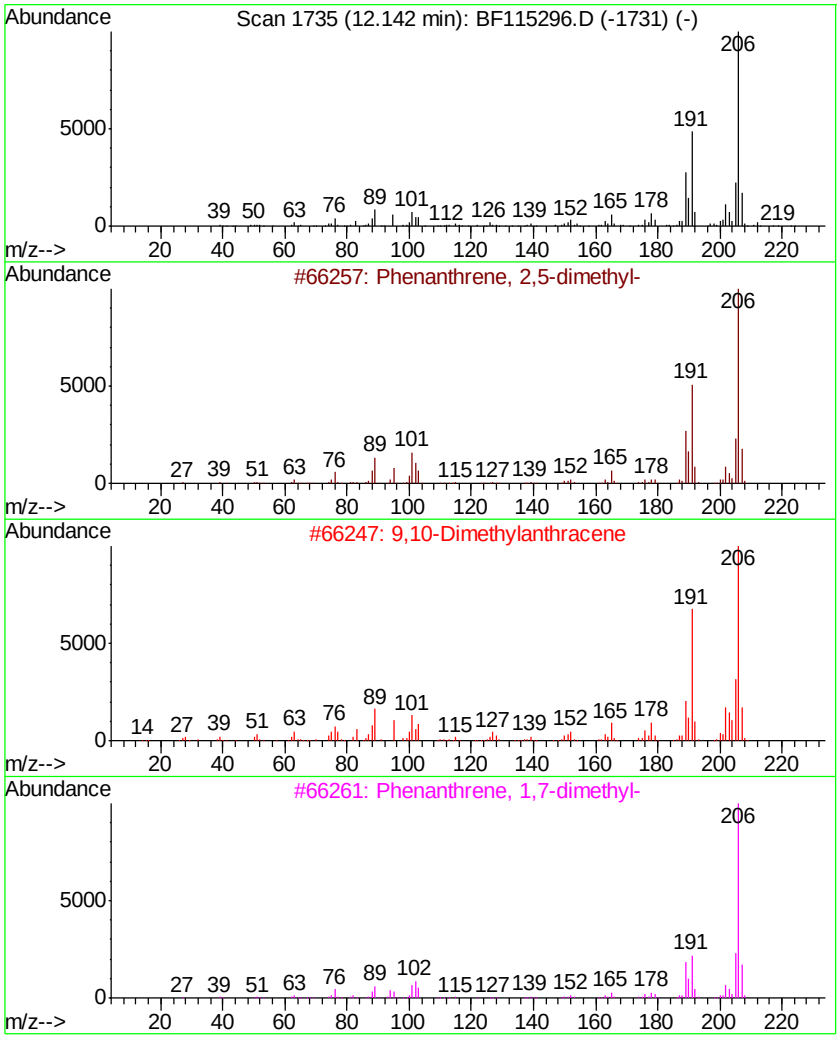
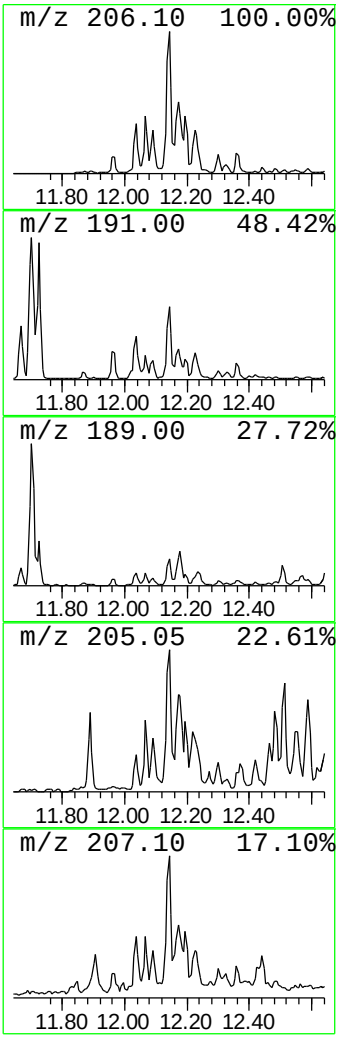
Peak Number 8 Phenanthrene, 2,5-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.14	3.87 ng	454566	Phenanthrene-d10	11.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	95
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	93
3	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	93
4	di-p-Tolylacetylene	206	C16H14	002789-88-0	91
5	1,3-Diphenyl-3-methylcyclopropene	206	C16H14	086544-79-8	90





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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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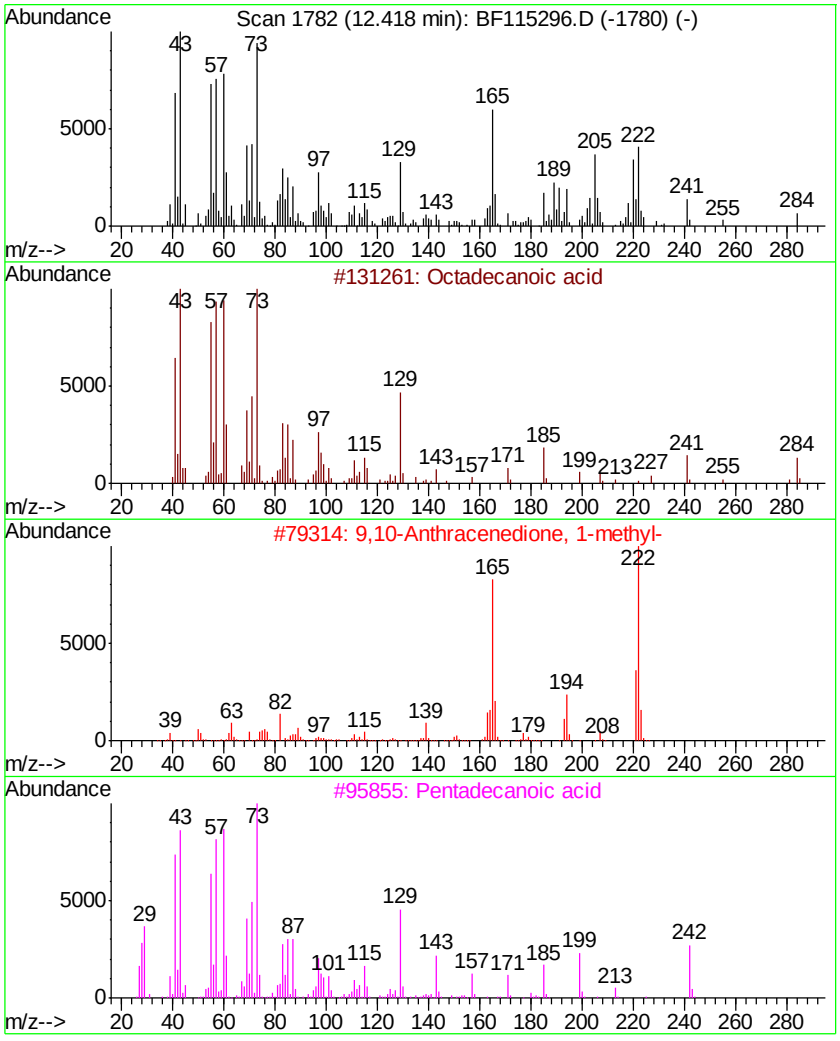
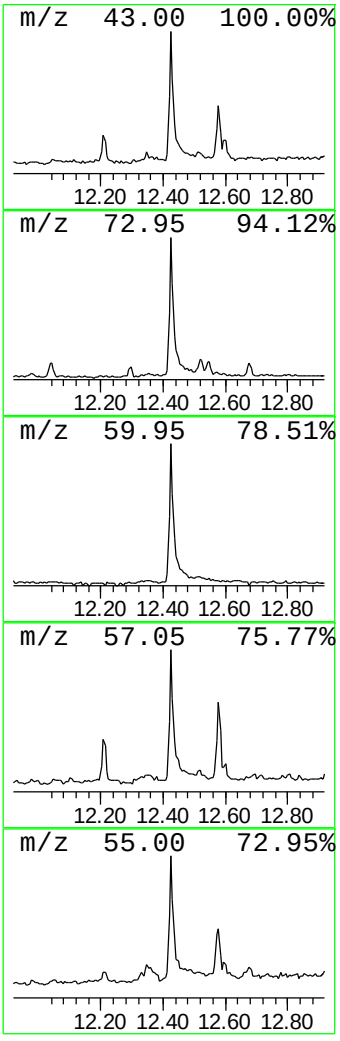
Peak Number 9 Octadecanoic acid Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.42	2.84 ng	508708	Chrysene-d12	13.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	97
2	9,10-Anthracenedione, 1-methyl-	222	C15H10O2	000954-07-4	60
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	59
4	9,10-Anthracenedione, 2-methyl-	222	C15H10O2	000084-54-8	50
5	n-Decanoic acid	172	C10H20O2	000334-48-5	42





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ClientSampleId : CP-S3-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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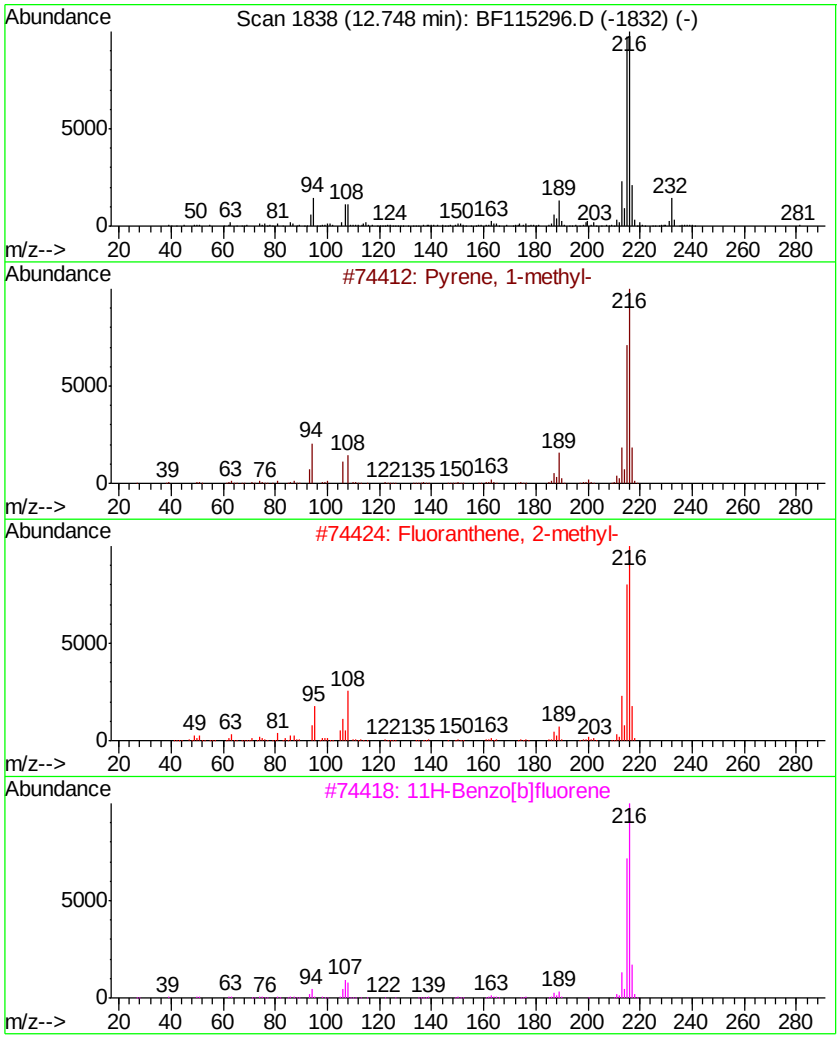
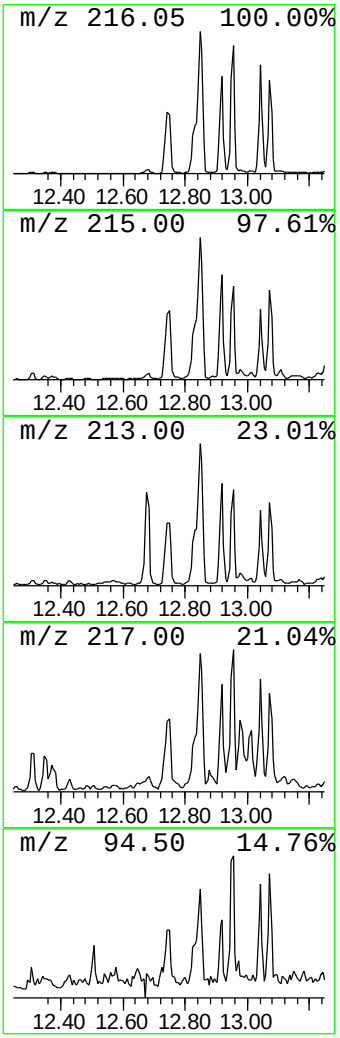
Peak Number 10 Pyrene, 1-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.75	2.50 ng	448022	Chrysene-d12	13.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	89
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	81
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	74
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	62





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Sample : K3518-03
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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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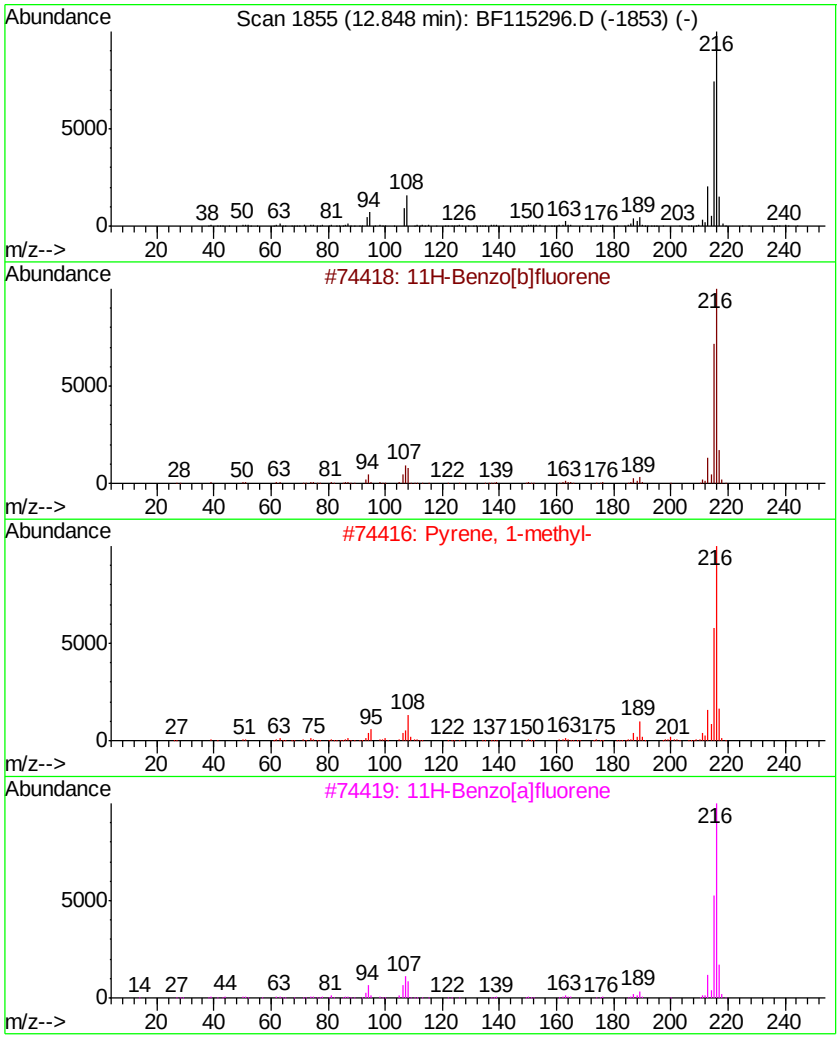
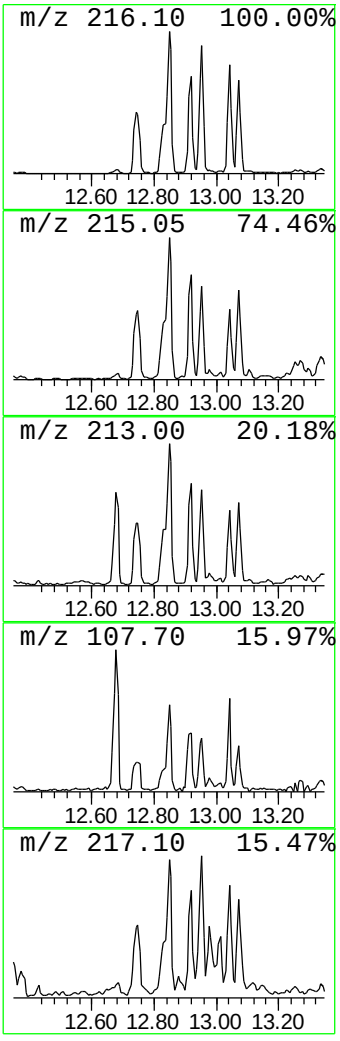
Peak Number 11 11H-Benzo[b]fluorene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.85	3.18 ng	569140	Chrysene-d12	13.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
4	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	81
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	80





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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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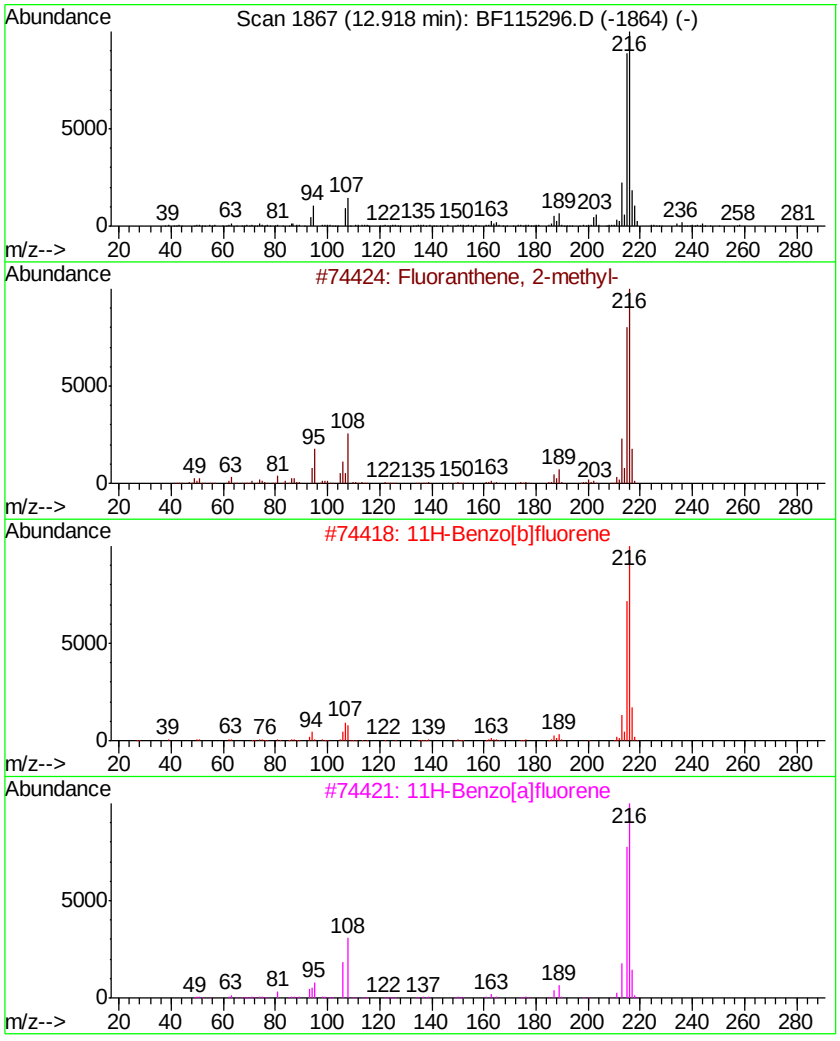
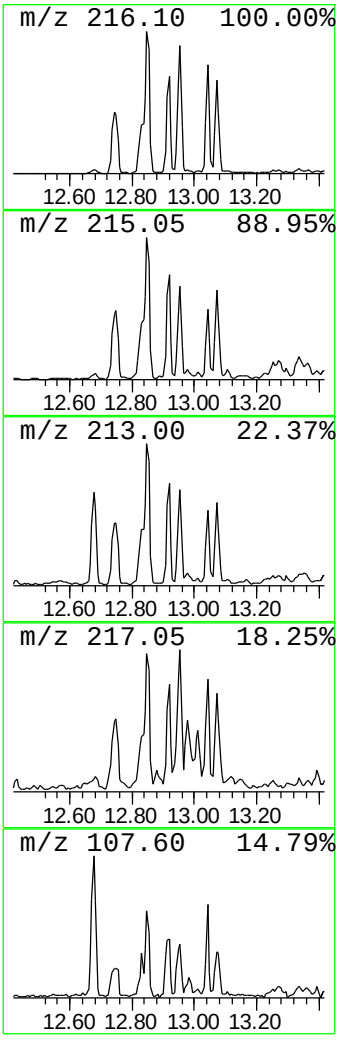
Peak Number 12 Fluoranthene, 2-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.92	2.56 ng	458578	Chrysene-d12	13.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	94
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	81





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Misc :
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ClientSampleId : CP-S3-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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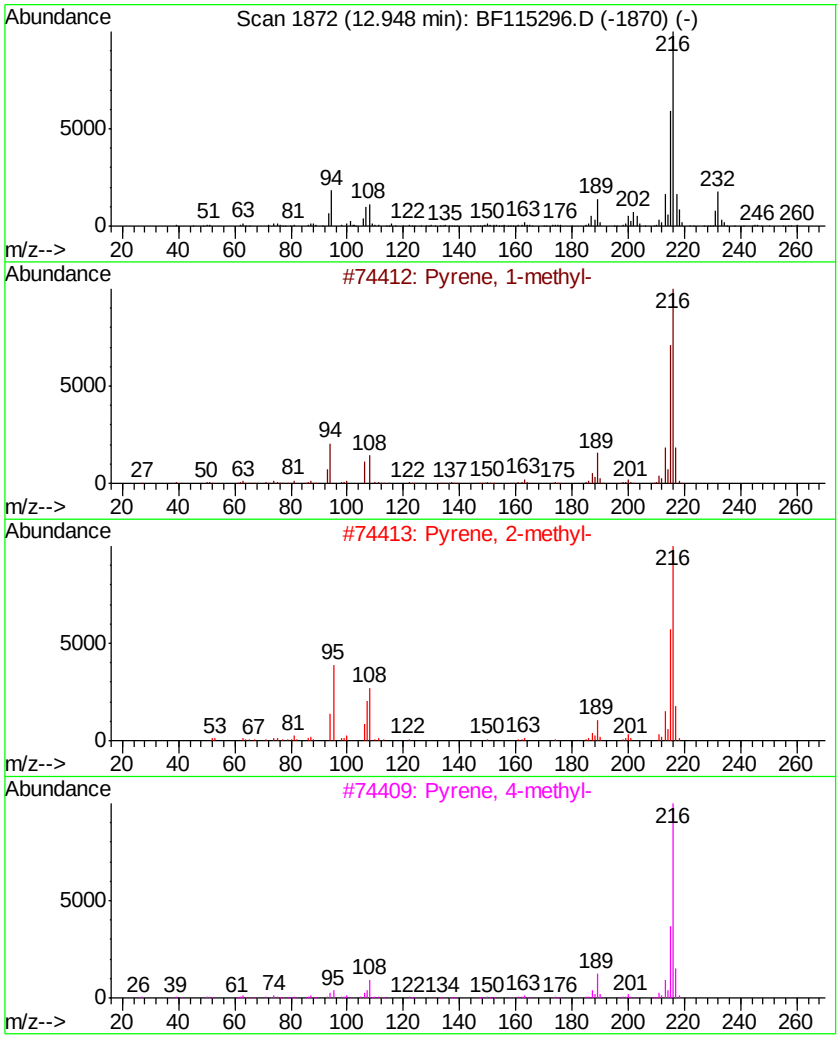
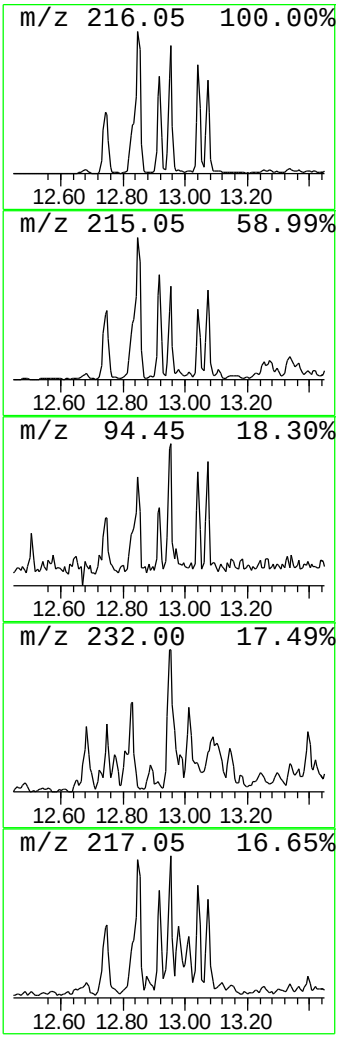
Peak Number 13 Pyrene, 4-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.95	2.81 ng	502509	Chrysene-d12	13.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2	Pyrene, 2-methyl-	216	C17H12	003442-78-2	93
3	Pyrene, 4-methyl-	216	C17H12	003353-12-6	93
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	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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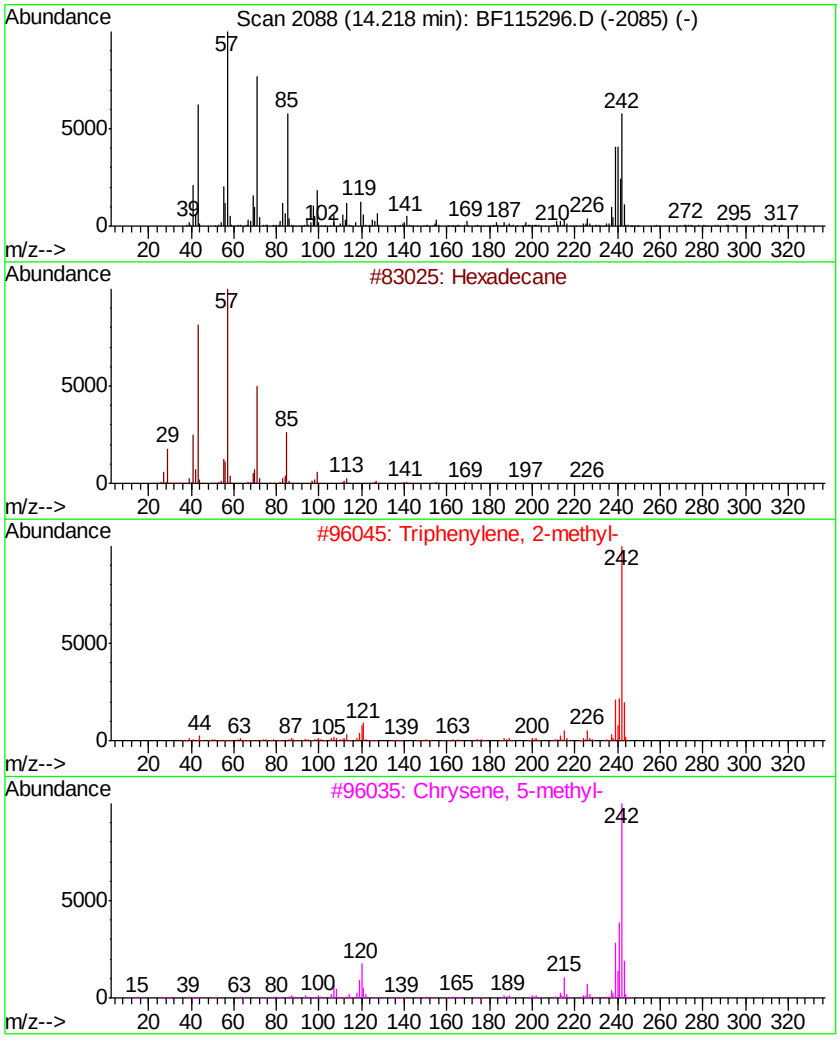
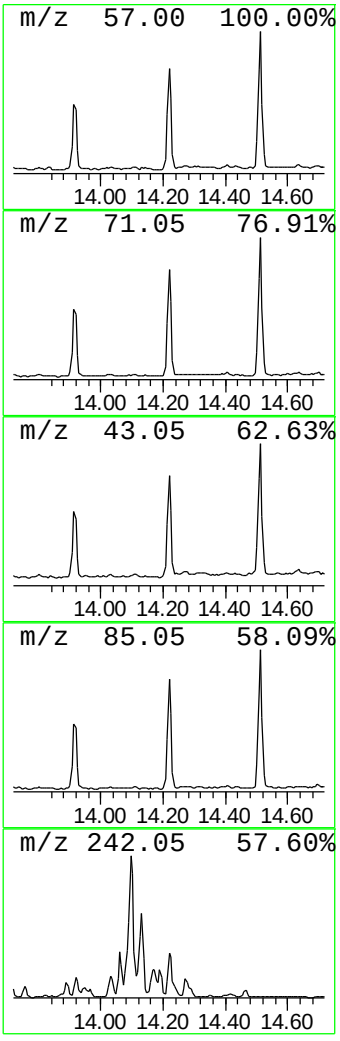
Peak Number 14 Hexadecane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.22	3.17 ng	568009	Chrysene-d12	13.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	86
2	Triphenylene, 2-methyl-	242	C19H14	001705-84-6	53
3	Chrysene, 5-methyl-	242	C19H14	003697-24-3	44
4	Eicosane	282	C20H42	000112-95-8	42
5	Heneicosane	296	C21H44	000629-94-7	42





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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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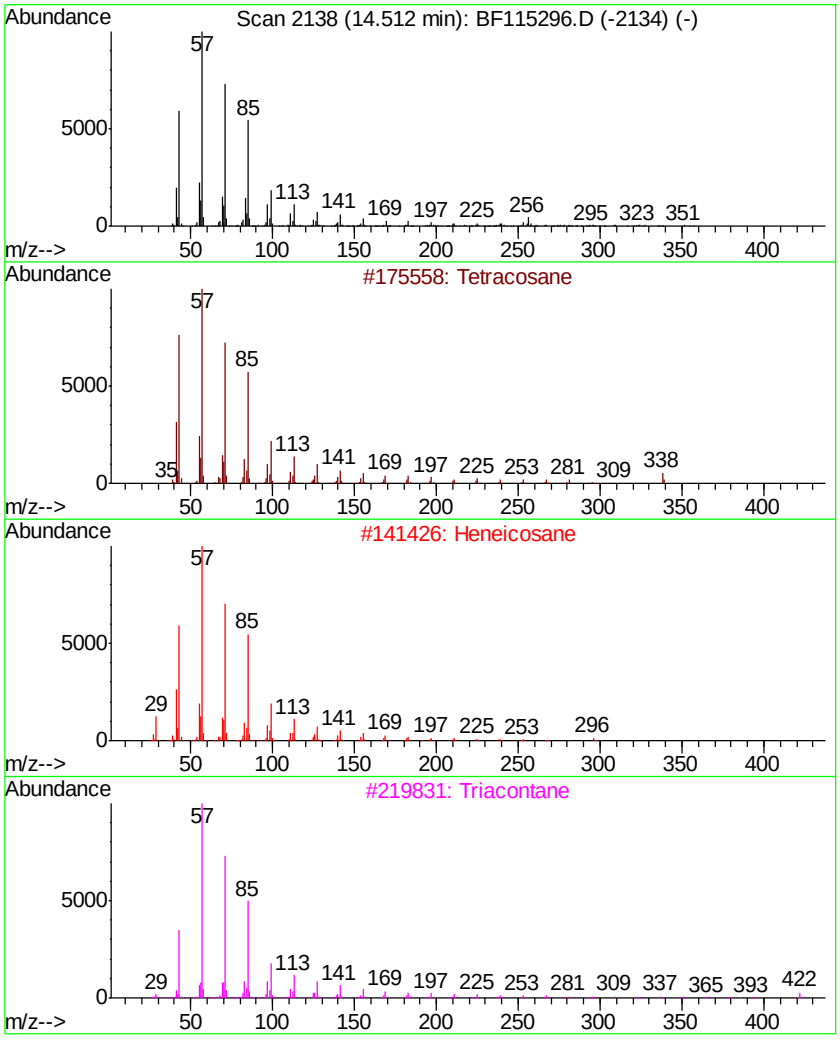
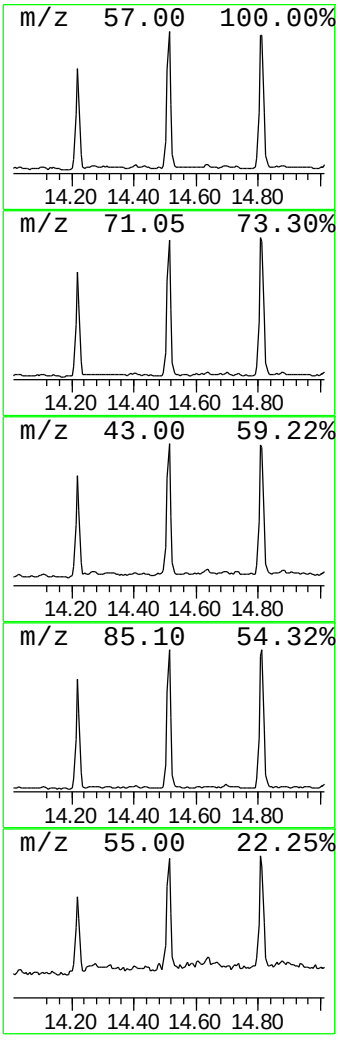
Peak Number 15 Tetracosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.51	5.33 ng	568775	Perylene-d12	15.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	98
2	Heneicosane	296	C21H44	000629-94-7	96
3	Triacontane	422	C30H62	000638-68-6	90
4	Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	90
5	Hexacosane	366	C26H54	000630-01-3	90





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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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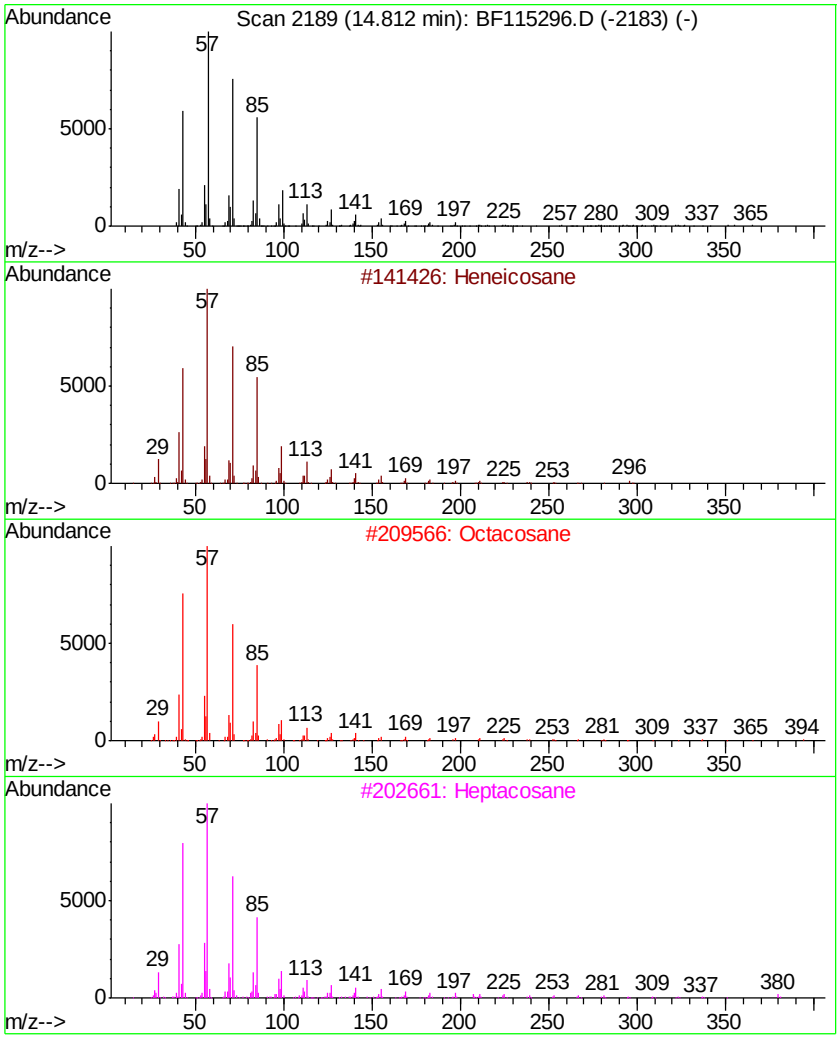
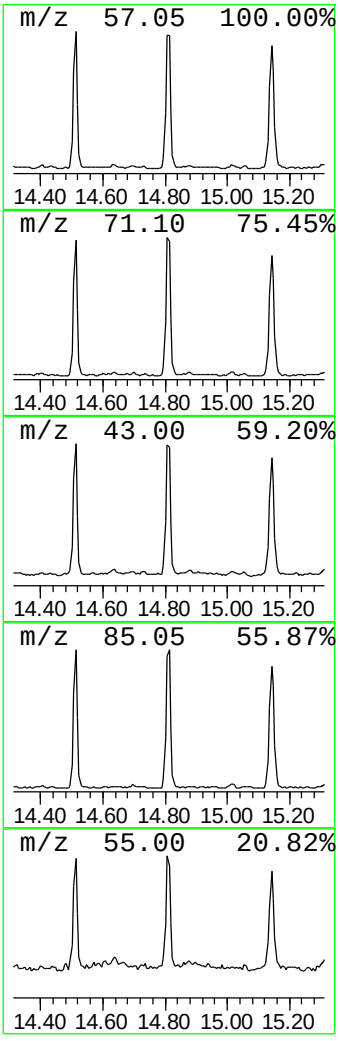
Peak Number 16 Heneicosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.81	7.39 ng	788898	Perylene-d12	15.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Octacosane	394	C28H58	000630-02-4	91
3	Heptacosane	380	C27H56	000593-49-7	91
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	90
5	Tetracosane	338	C24H50	000646-31-1	90





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ClientSampleId : CP-S3-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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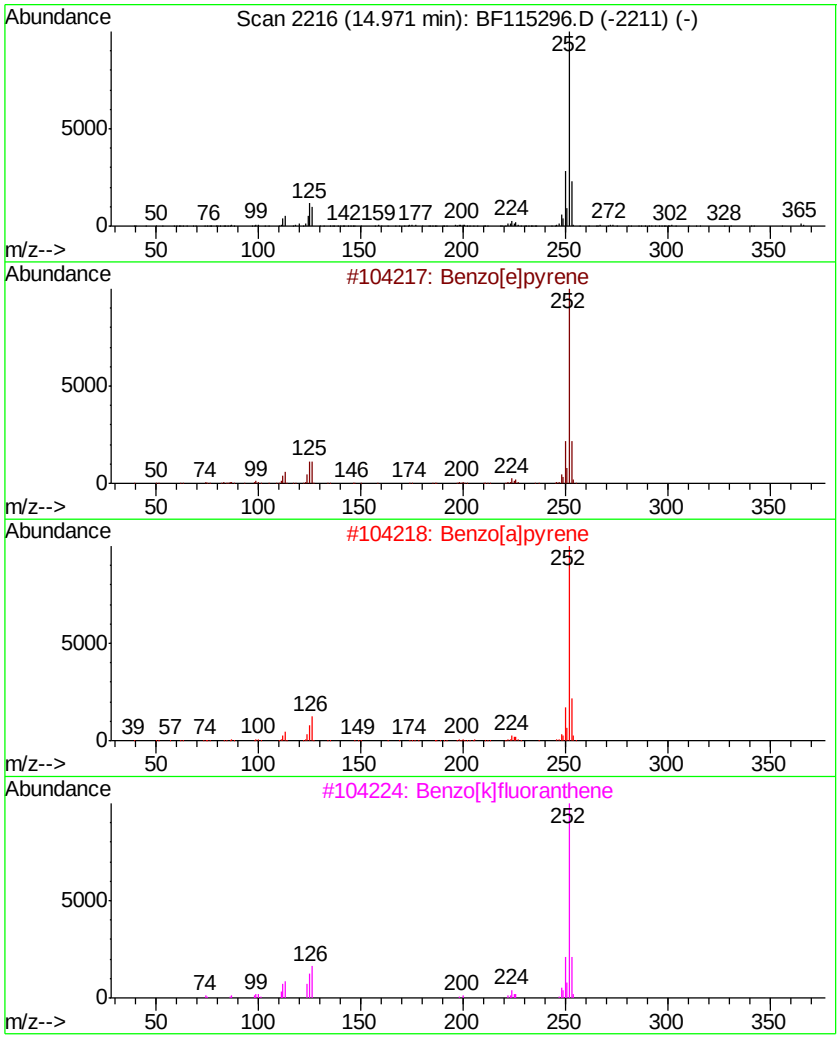
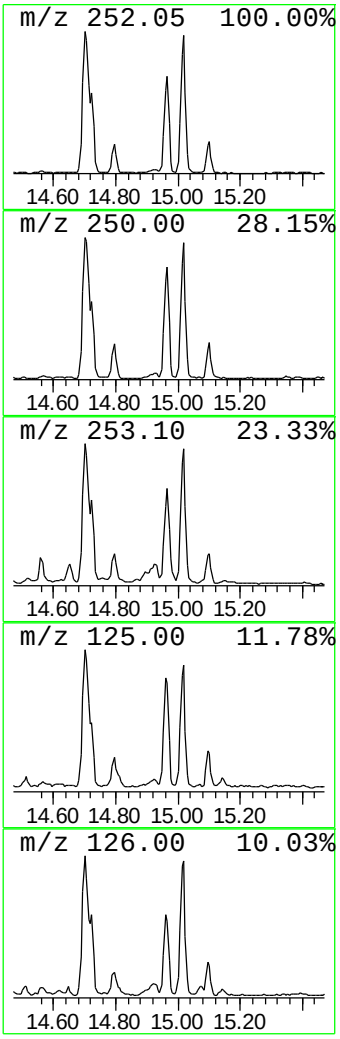
Peak Number 17 Benzo[e]pyrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.97	6.52 ng	695219	Perylene-d12	15.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	96
2	Benzo[a]pyrene	252	C20H12	000050-32-8	93
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	90
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	90
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	90





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Misc :
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Instrument : BNA_F
ClientSampleId : CP-S3-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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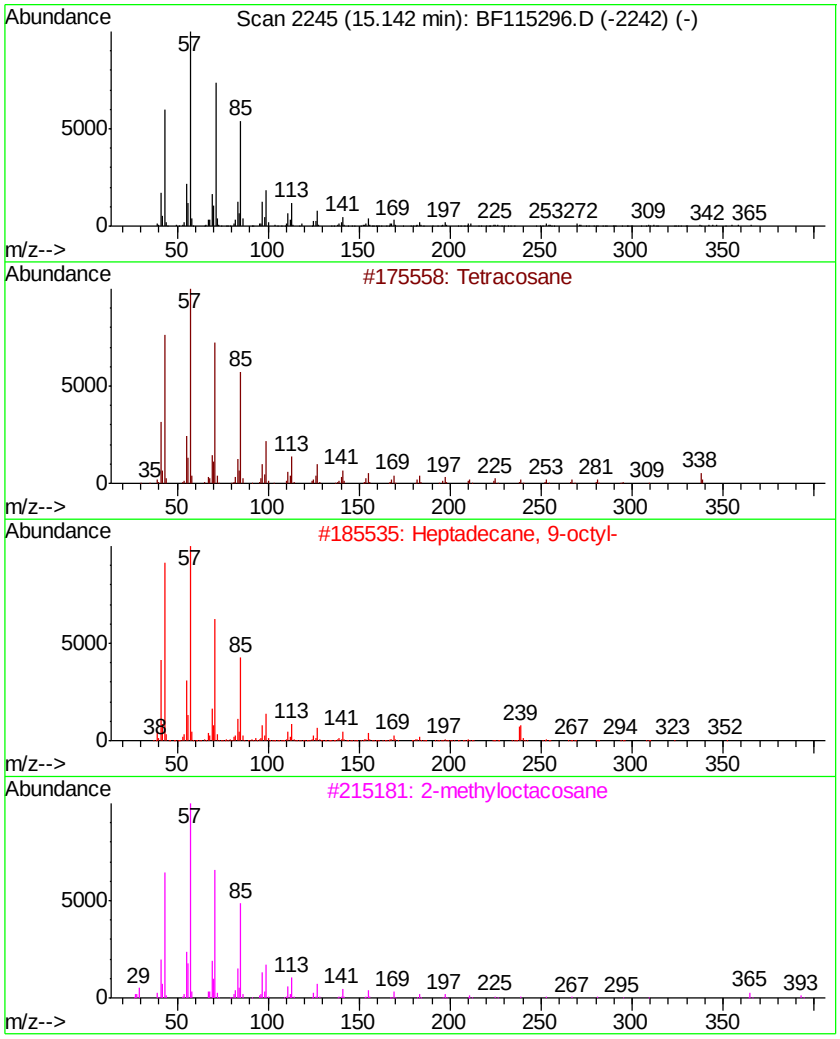
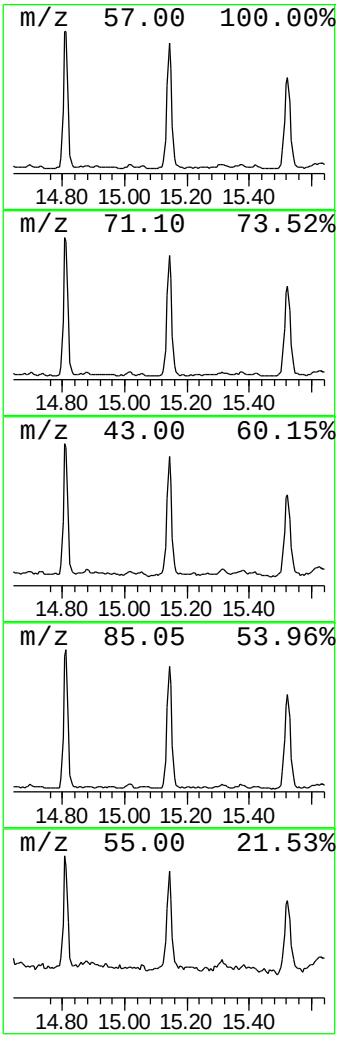
Peak Number 18 2-methyloctacosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.14	7.26 ng	774580	Perylene-d12	15.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	97
2	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
3	2-methyloctacosane	408	C29H60	1000376-72-8	91
4	Octacosane	394	C28H58	000630-02-4	91
5	Heneicosane	296	C21H44	000629-94-7	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062819\
Data File : BF115296.D
Acq On : 28 Jun 2019 21:56
Operator : HP/JU
Sample : K3518-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CP-S3-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

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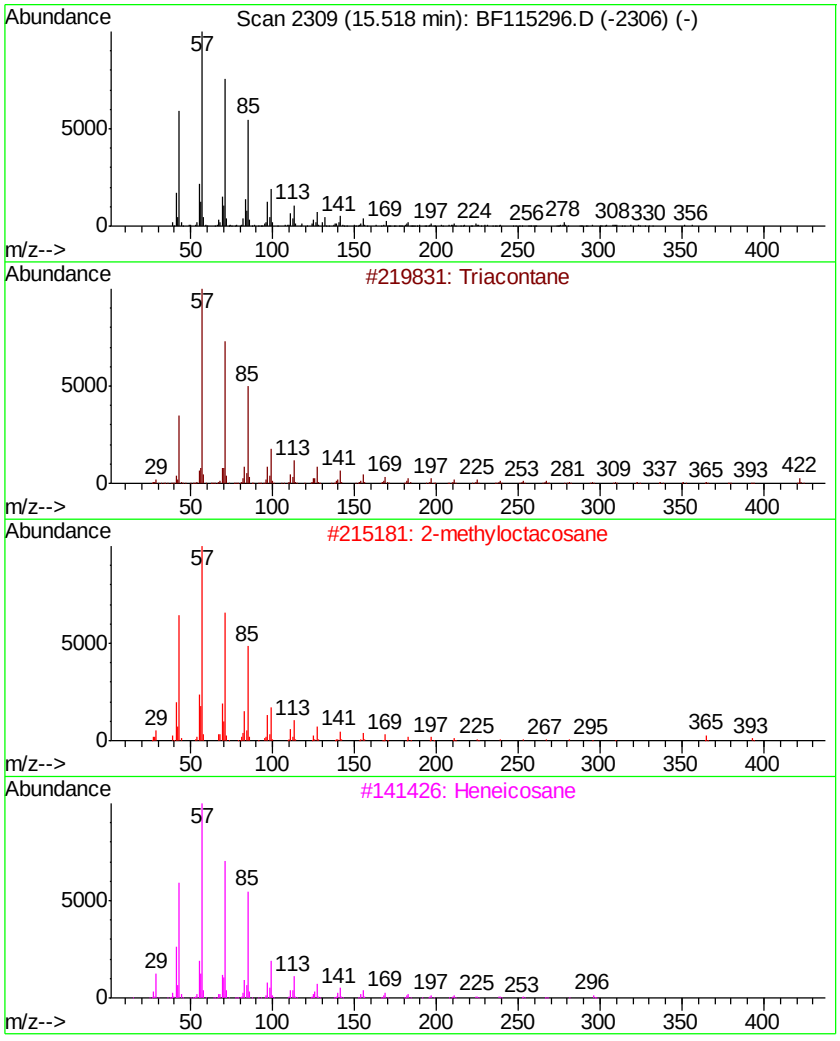
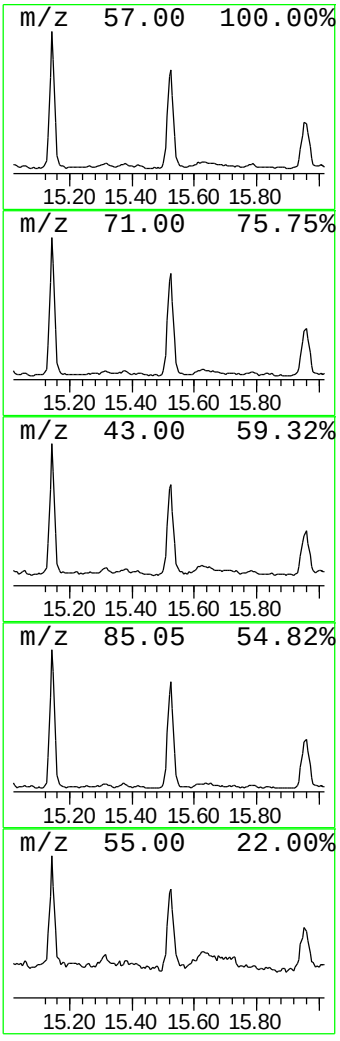
Peak Number 19 Triacontane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.52	4.77 ng	508475	Perylene-d12	15.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triacontane	422	C30H62	000638-68-6	91
2	2-methyloctacosane	408	C29H60	1000376-72-8	90
3	Heneicosane	296	C21H44	000629-94-7	90
4	Octacosane	394	C28H58	000630-02-4	90
5	Tetracosane, 11-decyl-	479	C34H70	055429-84-0	87





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062819\
Data File : BF115296.D
Acq On : 28 Jun 2019 21:56
Operator : HP/JU
Sample : K3518-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CP-S3-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

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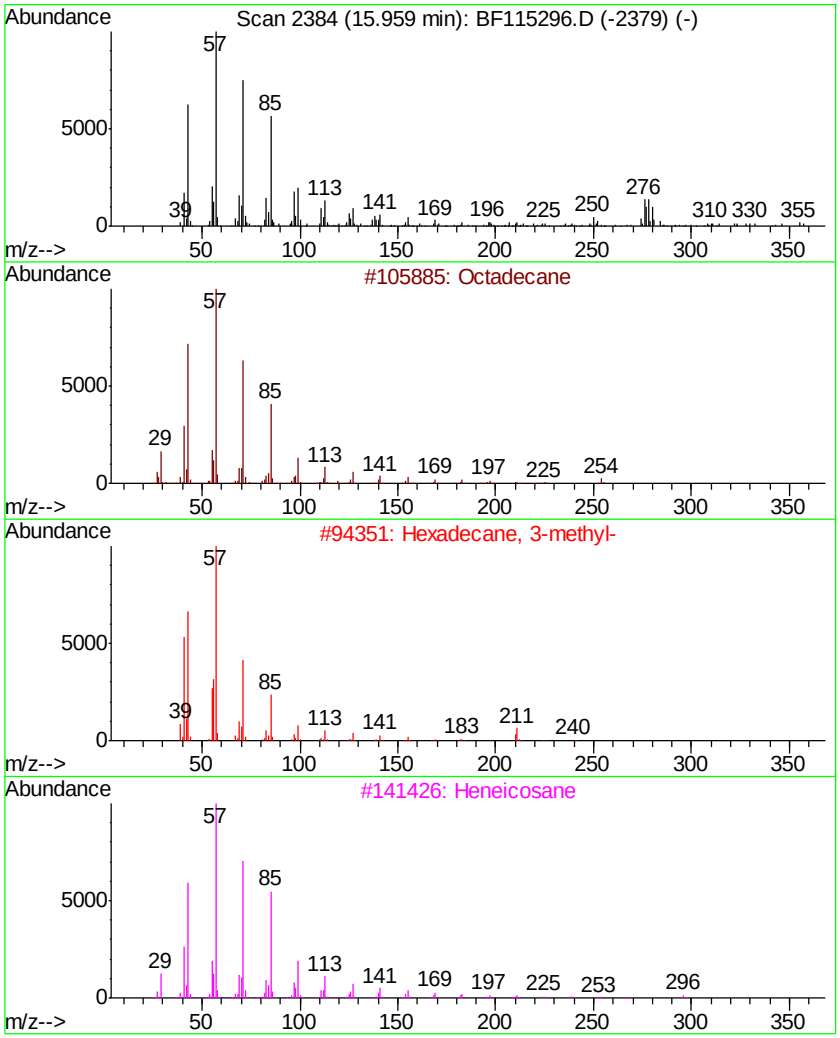
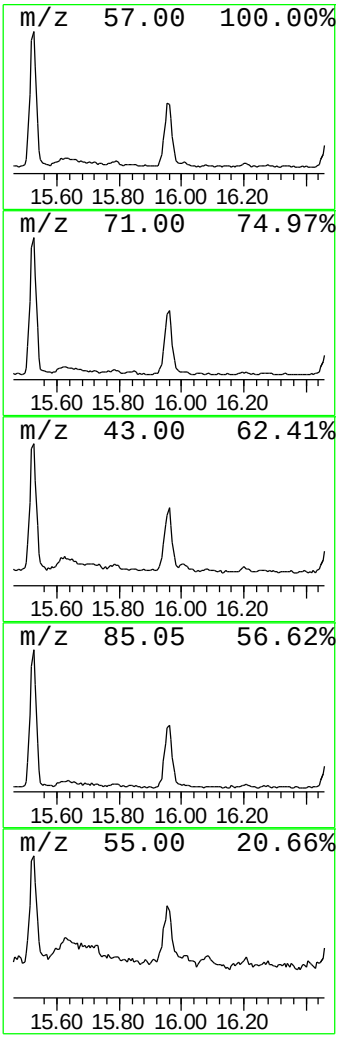
Peak Number 20 Octadecane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.96	3.10 ng	330972	Perylene-d12	15.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	95
2	Hexadecane, 3-methyl-	240	C17H36	006418-43-5	70
3	Heneicosane	296	C21H44	000629-94-7	70
4	Eicosane	282	C20H42	000112-95-8	70
5	1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	70





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF062819\
Data File : BF115296.D
Acq On : 28 Jun 2019 21:56
Operator : HP/JU
Sample : K3518-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CP-S3-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
unknown6.37	6.37	66.0	ng	4542960	1	6.60	1376810	20.0
Phenanthrene, 2-m...	11.60	4.4	ng	518977	4	11.10	2351420	20.0
Phenanthrene, 1-m...	11.62	5.0	ng	581422	4	11.10	2351420	20.0
n-Hexadecanoic acid	11.65	5.9	ng	692401	4	11.10	2351420	20.0
4H-Cyclopenta[def...	11.70	7.6	ng	898147	4	11.10	2351420	20.0
1H-Indene, 2-phenyl-	11.72	3.5	ng	412989	4	11.10	2351420	20.0
Phenanthrene, 2,5...	12.14	3.9	ng	454566	4	11.10	2351420	20.0
Octadecanoic acid	12.42	2.8	ng	508708	5	13.71	3580490	20.0
Pyrene, 1-methyl-	12.75	2.5	ng	448022	5	13.71	3580490	20.0
11H-Benzo[b]fluorene	12.85	3.2	ng	569140	5	13.71	3580490	20.0
Fluoranthene, 2-m...	12.92	2.6	ng	458578	5	13.71	3580490	20.0
Pyrene, 4-methyl-	12.95	2.8	ng	502509	5	13.71	3580490	20.0
Hexadecane	14.22	3.2	ng	568009	5	13.71	3580490	20.0
Tetracosane	14.51	5.3	ng	568775	6	15.08	2133910	20.0
Heneicosane	14.81	7.4	ng	788898	6	15.08	2133910	20.0
Benzo[e]pyrene	14.97	6.5	ng	695219	6	15.08	2133910	20.0
2-methyloctacosane	15.14	7.3	ng	774580	6	15.08	2133910	20.0
Triacontane	15.52	4.8	ng	508475	6	15.08	2133910	20.0
Octadecane	15.96	3.1	ng	330972	6	15.08	2133910	20.0