LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081718\
Data File : BF108246.D
Acq On : 17 Aug 2018 16:36
Operator : JU/SJ
Sample : J4516-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ND-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-BF080818.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	5.254	491	496	504	rBV	120272	147589	4.16%	0.305%
2	5.637	557	561	565	rBV	2794787	2778042	78.33%	5.736%
3	6.631	725	730	743	rBV	2967384	2989241	84.28%	6.172%
4	6.784	752	756	759	rBV	3395740	2915707	82.21%	6.020%
5	7.013	792	795	799	rBV	1055223	855898	24.13%	1.767%
6	7.172	818	822	825	rBV	2829422	2302126	64.91%	4.753%
7	7.578	886	891	894	rBV	2065018	1905664	53.73%	3.935%
8	8.301	1010	1014	1016	rBV	1147086	1075076	30.31%	2.220%
9	8.319	1016	1017	1031	rVB	68971	58387	1.65%	0.121%
10	9.372	1192	1196	1199	rBV	4192674	3409614	96.14%	7.040%
11	9.760	1259	1262	1267	rVB	311635	235814	6.65%	0.487%
12	10.060	1309	1313	1316	rBV	1455729	1203425	33.93%	2.485%
13	10.089	1316	1318	1322	rVB	189312	155270	4.38%	0.321%
14	10.266	1345	1348	1351	rVB	48250	42654	1.20%	0.088%
15	10.607	1403	1406	1411	rBV	114101	100009	2.82%	0.206%
16	10.854	1443	1448	1461	rBV	2167657	2131827	60.11%	4.402%
17	11.413	1537	1543	1547	rBV2	125135	139231	3.93%	0.287%
18	11.454	1547	1550	1553	rVB	78299	66869	1.89%	0.138%
19	11.554	1563	1567	1569	rBV	1345608	1239097	34.94%	2.558%
20	11.577	1569	1571	1575	rVV	1353464	1253627	35.35%	2.588%
21	11.630	1577	1580	1584	rVB	240329	186890	5.27%	0.386%
22	11.783	1601	1606	1610	rBV2	210678	200654	5.66%	0.414%
23	12.060	1649	1653	1655	rBV	178890	164423	4.64%	0.339%
24	12.083	1655	1657	1661	rVV	215065	198938	5.61%	0.411%
25	12.136	1662	1666	1668	rVV	62335	63205	1.78%	0.131%
26	12.171	1668	1672	1675	rVV2	277121	333771	9.41%	0.689%
27	12.195	1675	1676	1680	rVB	125278	64197	1.81%	0.133%
28	12.354	1699	1703	1705	rBV	134128	116567	3.29%	0.241%
29	12.377	1705	1707	1710	rVB	95087	86011	2.43%	0.178%
30	12.607	1743	1746	1750	rBV	76095	101391	2.86%	0.209%
31	12.701	1758	1762	1766	rBV	80167	96471	2.72%	0.199%
32	12.777	1771	1775	1779	rBV	2514944	2186037	61.64%	4.514%
33	12.907	1793	1797	1798	rBV3	31239	45264	1.28%	0.093%
34	12.930	1799	1801	1807	rVB	90894	104166	2.94%	0.215%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081718\
Data File : BF108246.D
Acq On : 17 Aug 2018 16:36
Operator : JU/SJ
Sample : J4516-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ND-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-BF080818.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	13.013	1807	1815	1819	rBV	2026979	2359819	66.54%	4.872%
36	13.054	1819	1822	1826	rVB	111583	97519	2.75%	0.201%
37	13.142	1831	1837	1840	rBV	3645512	3546669	100.00%	7.323%
38	13.224	1846	1851	1854	rBV2	138821	224818	6.34%	0.464%
39	13.336	1862	1870	1874	rBV	384046	538255	15.18%	1.111%
40	13.401	1878	1881	1884	rBV	301845	258484	7.29%	0.534%
41	13.442	1884	1888	1890	rVV2	183305	209416	5.90%	0.432%
42	13.466	1890	1892	1894	rVB	119644	87536	2.47%	0.181%
43	13.536	1901	1904	1906	rBV	126019	109470	3.09%	0.226%
44	13.566	1906	1909	1912	rBV2	146421	158275	4.46%	0.327%
45	13.765	1941	1943	1945	rVB	72870	54535	1.54%	0.113%
46	13.818	1949	1952	1953	rBV2	65813	66799	1.88%	0.138%
47	13.842	1954	1956	1961	rVB	152946	153842	4.34%	0.318%
48	13.960	1972	1976	1978	rBV3	210739	233531	6.58%	0.482%
49	13.983	1978	1980	1983	rVV	176392	175213	4.94%	0.362%
50	14.024	1983	1987	1989	rVV2	210120	295682	8.34%	0.611%
51	14.054	1989	1992	1999	rVB2	295983	419862	11.84%	0.867%
52	14.213	2013	2019	2021	rBV3	1644115	2412731	68.03%	4.982%
53	14.236	2021	2023	2030	rVB	1163288	1057139	29.81%	2.183%
54	14.318	2035	2037	2039	rBV	198119	155597	4.39%	0.321%
55	14.436	2053	2057	2060	rBV2	144351	177913	5.02%	0.367%
56	14.465	2060	2062	2065	rVB3	61423	49082	1.38%	0.101%
57	14.595	2081	2084	2087	rVB	157194	162149	4.57%	0.335%
58	14.630	2088	2090	2092	rBV	73401	60524	1.71%	0.125%
59	14.754	2109	2111	2115	rVB2	129336	112777	3.18%	0.233%
60	15.142	2173	2177	2183	rVB4	165288	228876	6.45%	0.473%
61	15.307	2200	2205	2208	rBV	836932	1374501	38.75%	2.838%
62	15.336	2208	2210	2216	rVB2	494984	584968	16.49%	1.208%
63	15.424	2221	2225	2232	rBV2	174880	309105	8.72%	0.638%
64	15.642	2257	2262	2268	rVB	475767	672686	18.97%	1.389%
65	15.707	2268	2273	2279	rVV	639747	820769	23.14%	1.695%
66	15.777	2279	2285	2289	rVV	775098	1175673	33.15%	2.427%
67	15.812	2289	2291	2297	rVB2	196285	219001	6.17%	0.452%
68	16.242	2360	2364	2370	rVB2	175202	282434	7.96%	0.583%
69	17.395	2555	2560	2566	rVB2	182140	356424	10.05%	0.736%
70	17.889	2639	2644	2654	rVB	134856	276964	7.81%	0.572%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081718\
Data File : BF108246.D
Acq On : 17 Aug 2018 16:36
Operator : JU/SJ
Sample : J4516-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ND-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-BF080818.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Sum of corrected areas: 48432190

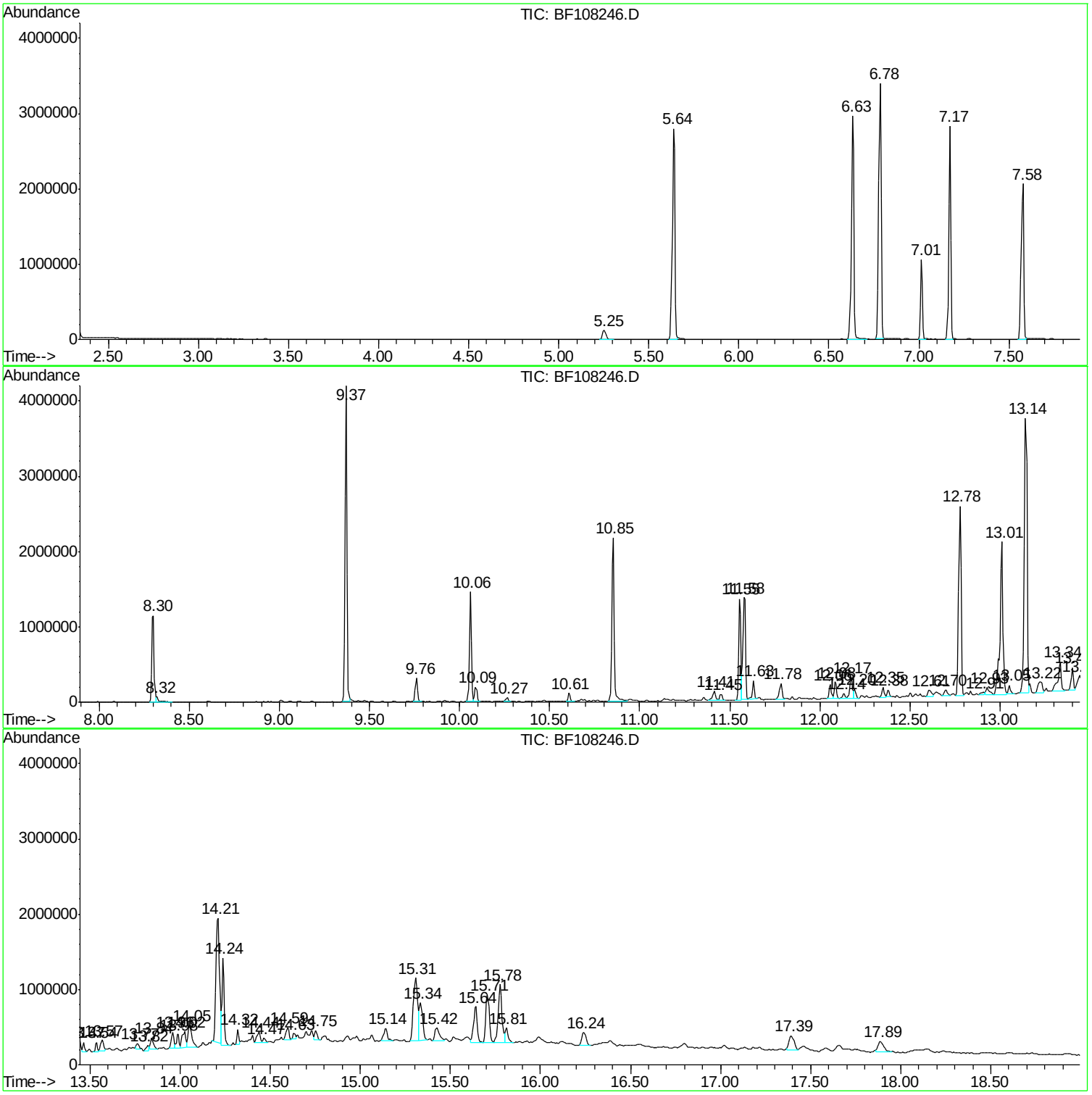
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081718\
Data File : BF108246.D
Acq On : 17 Aug 2018 16:36
Operator : JU/SJ
Sample : J4516-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ND-SOIL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.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\BF081718\
Data File : BF108246.D
Acq On : 17 Aug 2018 16:36
Operator : JU/SJ
Sample : J4516-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ND-SOIL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

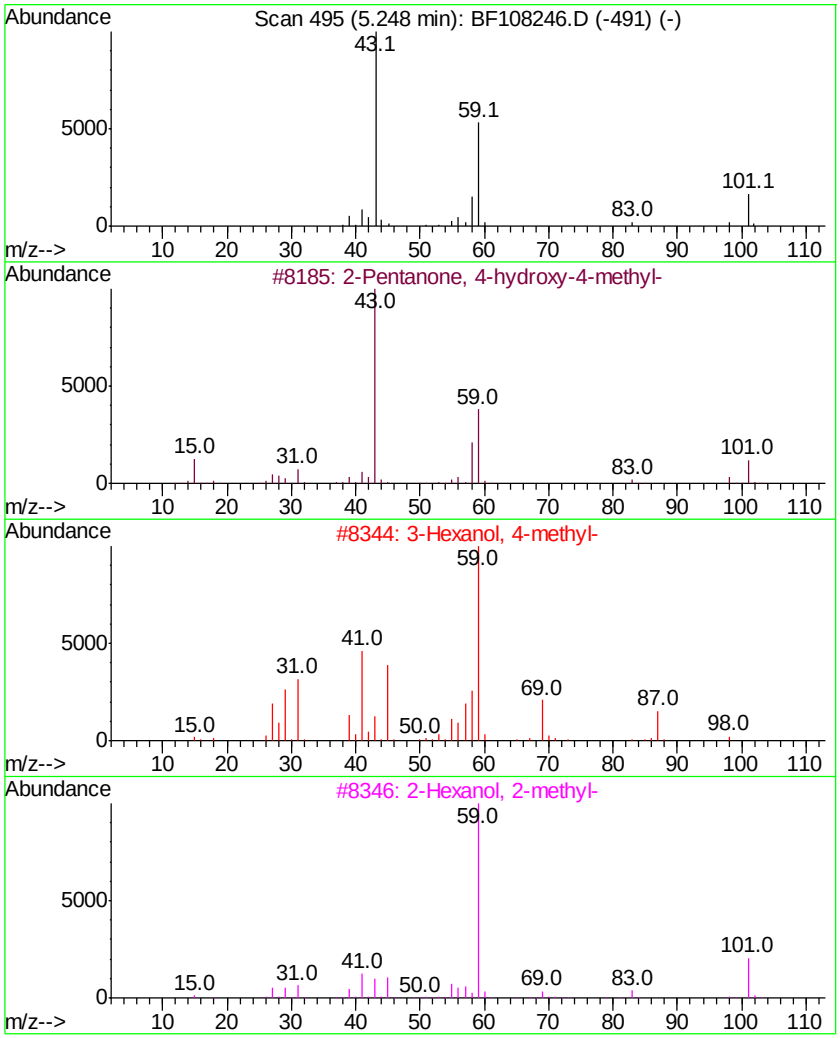
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

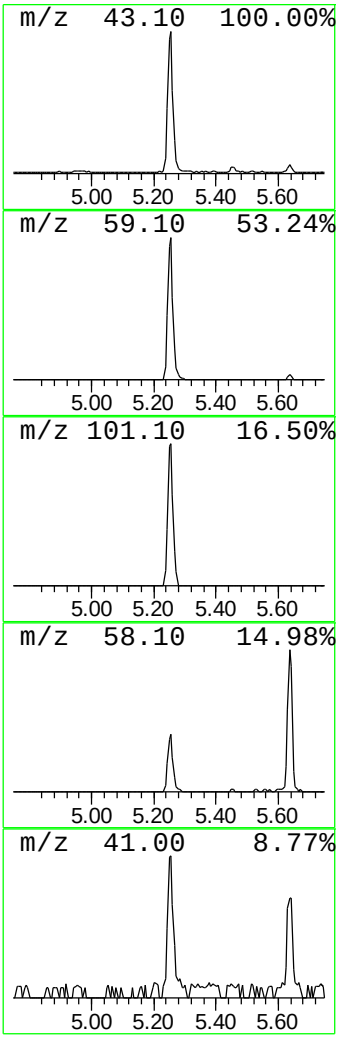
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.25	3.45 ng	147589	1,4-Dichlorobenzene-d4	7.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
3	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28
4	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	28
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081718\
Data File : BF108246.D
Acq On : 17 Aug 2018 16:36
Operator : JU/SJ
Sample : J4516-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ND-SOIL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

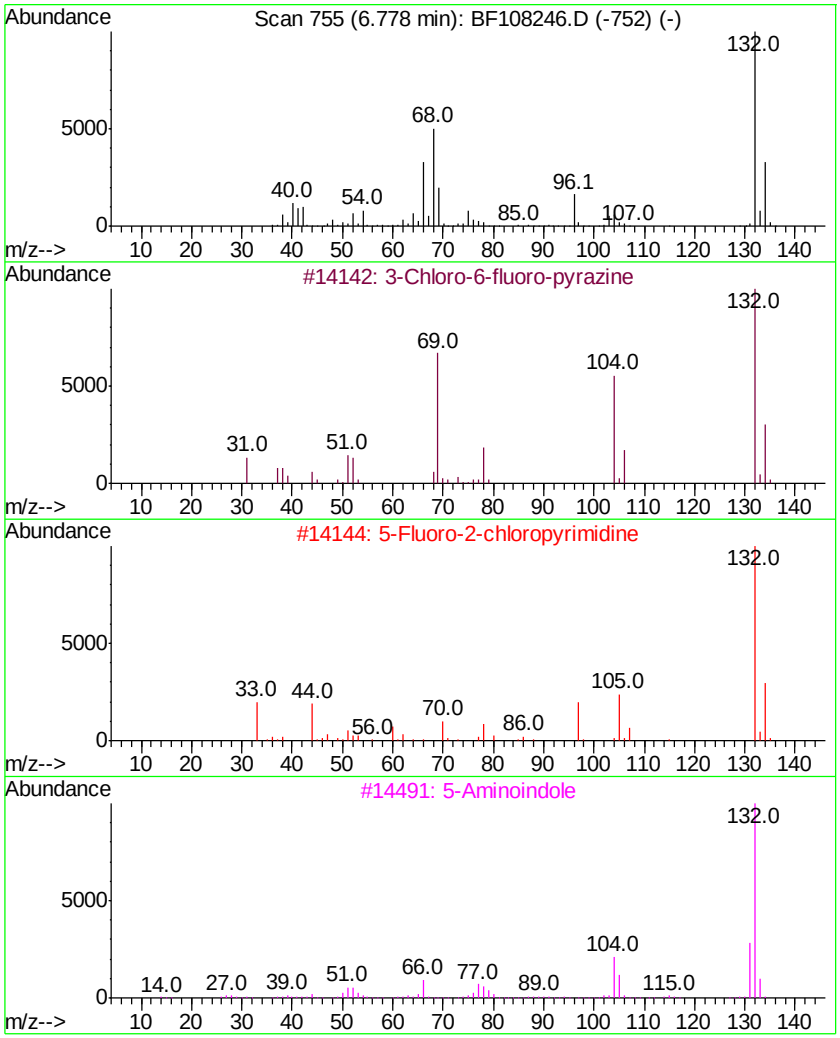
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

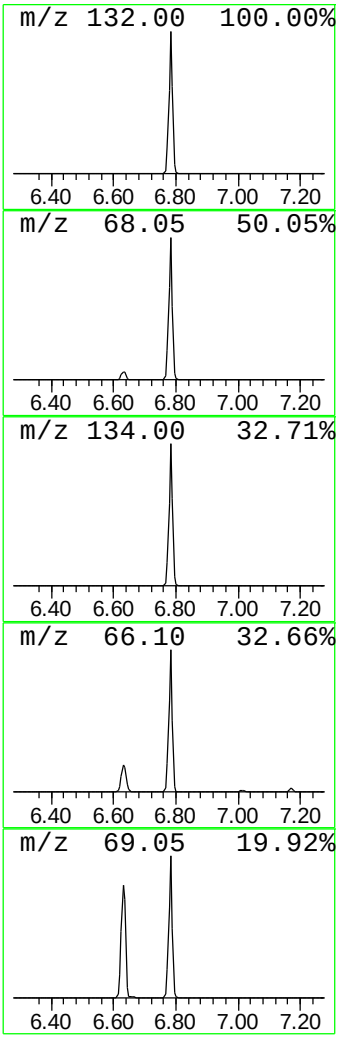
****

Peak Number 2 unknown6.78 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.78	68.13 ng	2915710	1,4-Dichlorobenzene-d4	7.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5	(5-Methyl-2-pyridyl)acetonitrile	132	C8H8N2	1000241-93-9	10





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081718\
Data File : BF108246.D
Acq On : 17 Aug 2018 16:36
Operator : JU/SJ
Sample : J4516-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ND-SOIL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

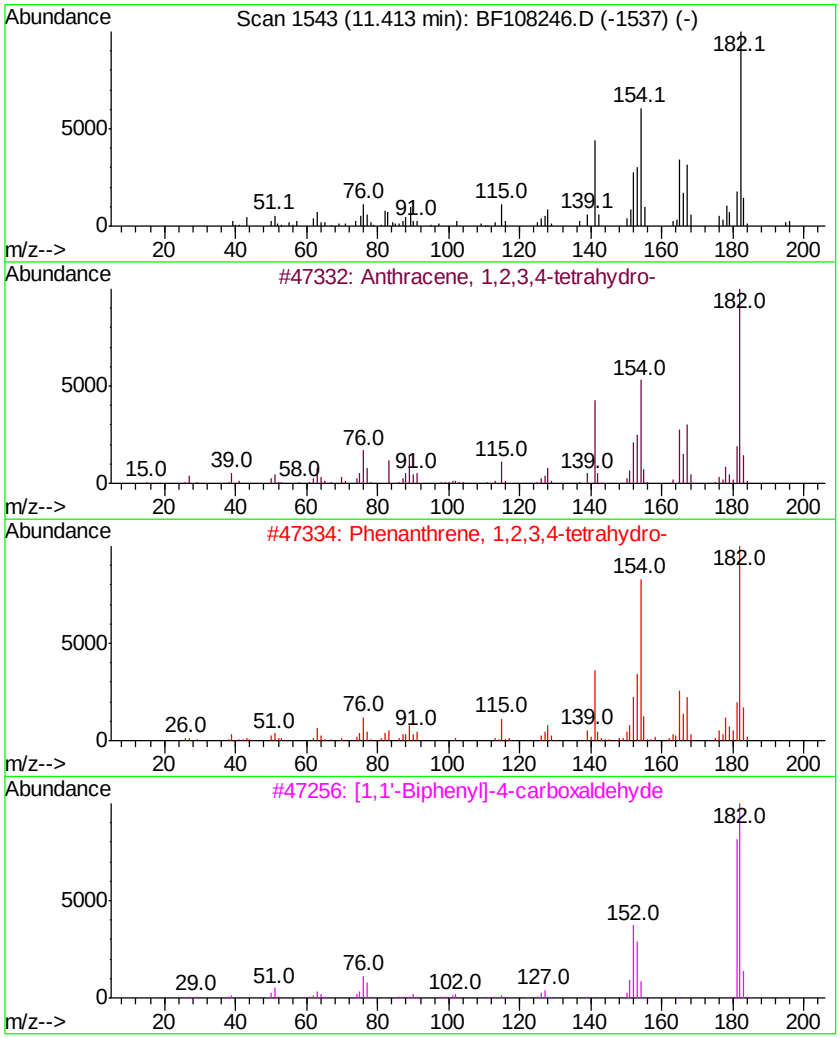
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

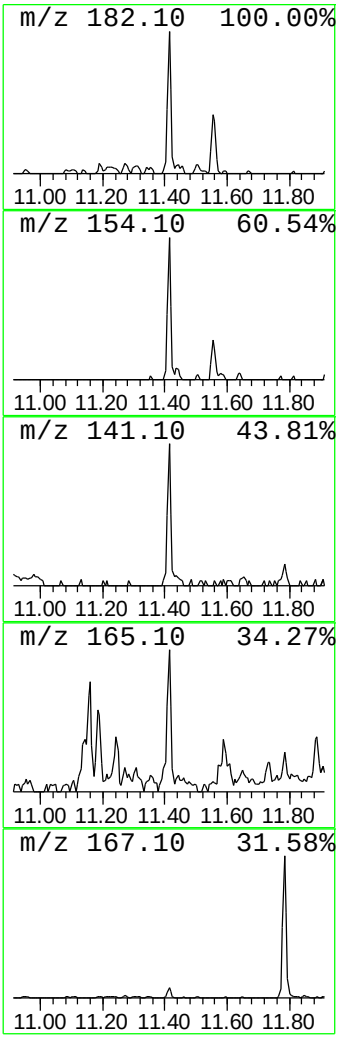
****

Peak Number 4 Anthracene, 1,2,3,4-tetrahy... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.41	2.25 ng	139231	Phenanthrene-d10	11.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1,2,3,4-tetrahydro-	182	C14H14	002141-42-6	98
2	Phenanthrene, 1,2,3,4-tetrahydro-	182	C14H14	001013-08-7	94
3	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	64
4	3,3'-Dimethylbiphenyl	182	C14H14	000612-75-9	60
5	2,3-Dihydro-1-oxo-1H-phenalene	182	C13H10O	000518-85-4	55





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081718\
Data File : BF108246.D
Acq On : 17 Aug 2018 16:36
Operator : JU/SJ
Sample : J4516-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ND-SOIL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

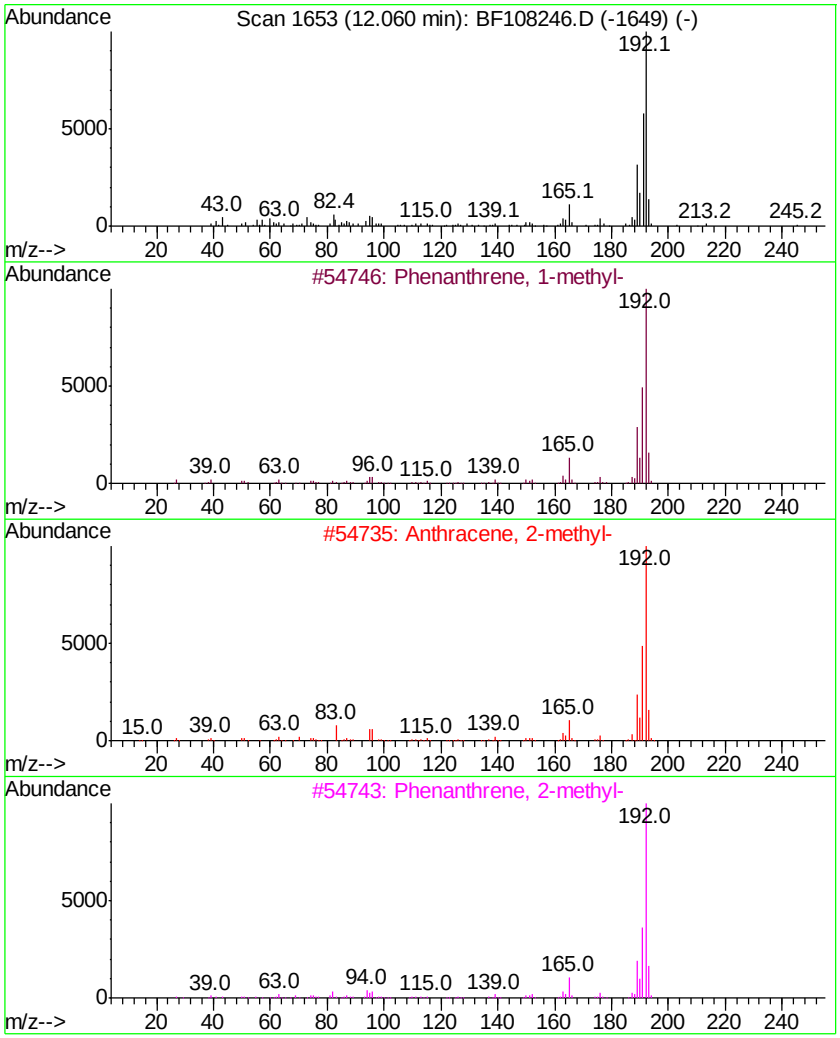
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

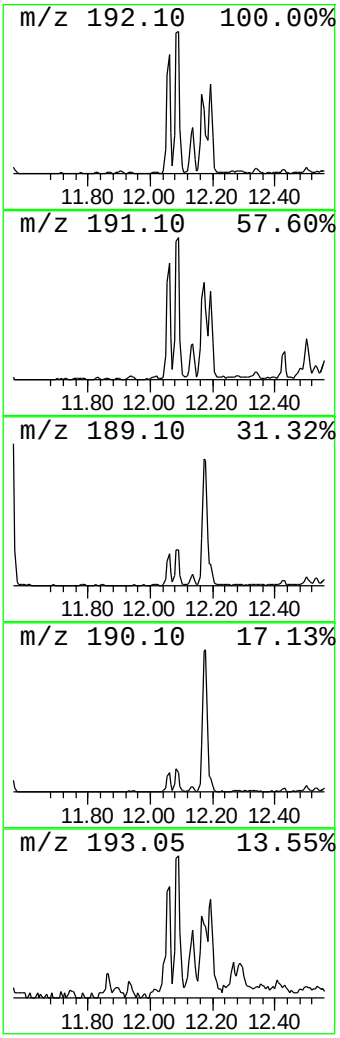
****

Peak Number 5 Anthracene, 2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.06	2.65 ng	164423	Phenanthrene-d10	11.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081718\
Data File : BF108246.D
Acq On : 17 Aug 2018 16:36
Operator : JU/SJ
Sample : J4516-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ND-SOIL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

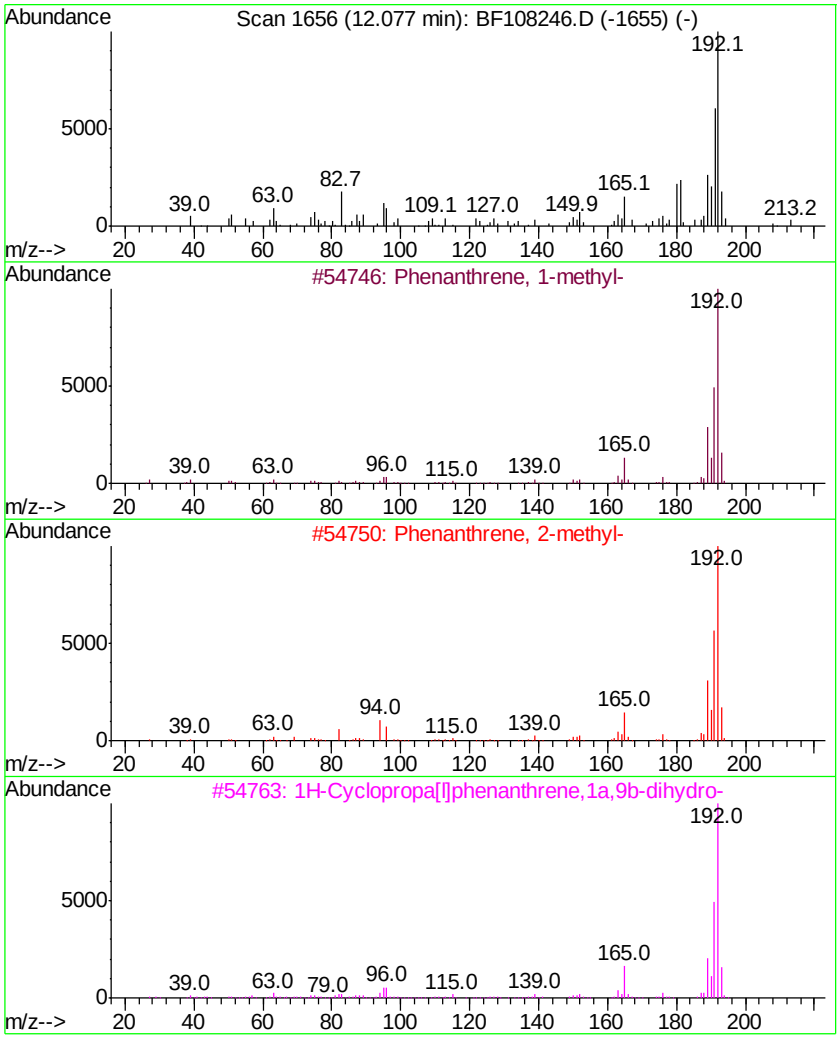
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

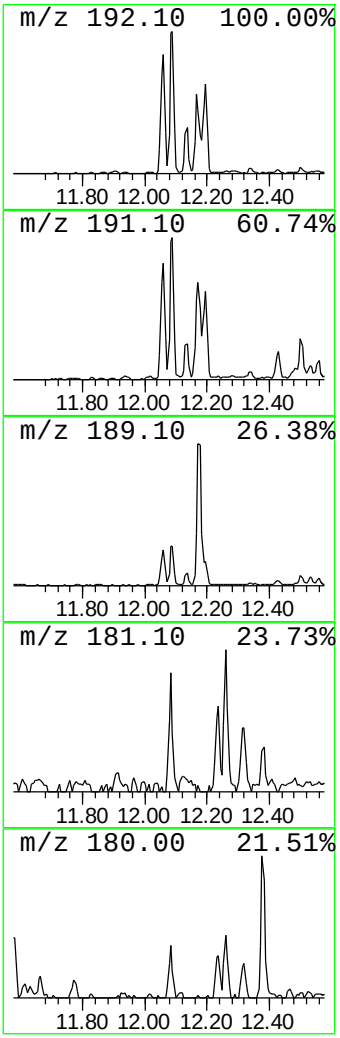
****

Peak Number 6 Phenanthrene, 1-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.08	3.21 ng	198938	Phenanthrene-d10	11.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081718\
Data File : BF108246.D
Acq On : 17 Aug 2018 16:36
Operator : JU/SJ
Sample : J4516-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ND-SOIL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

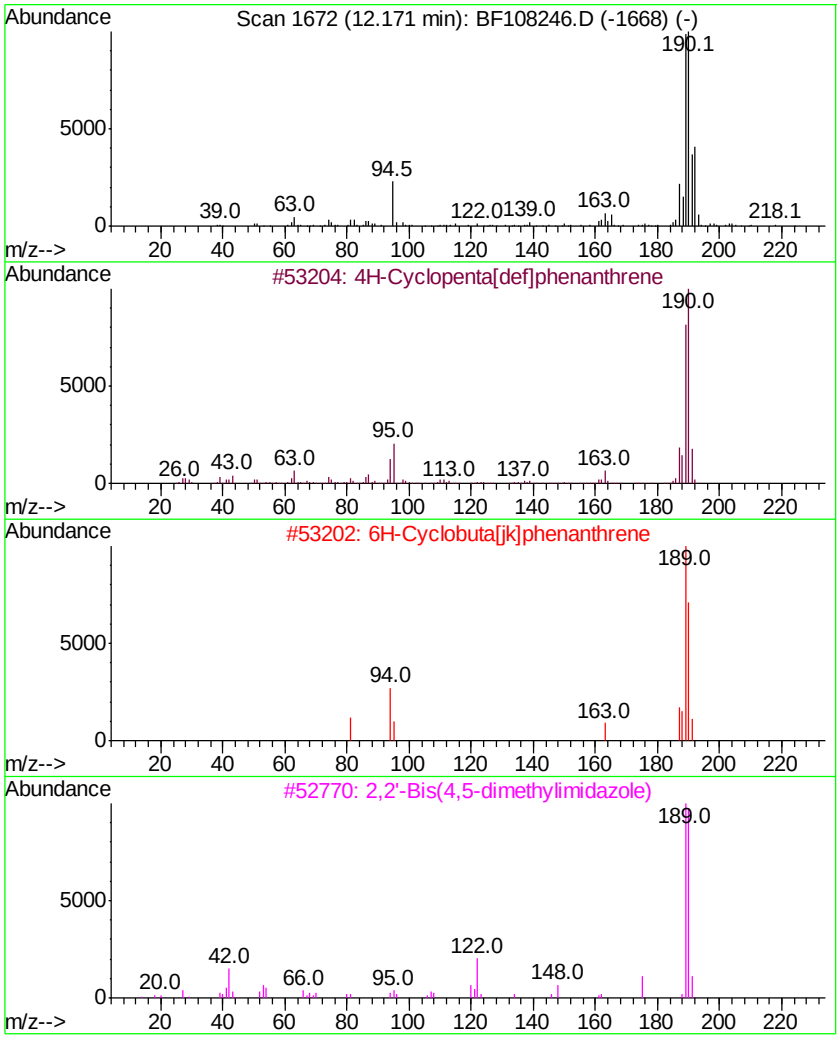
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

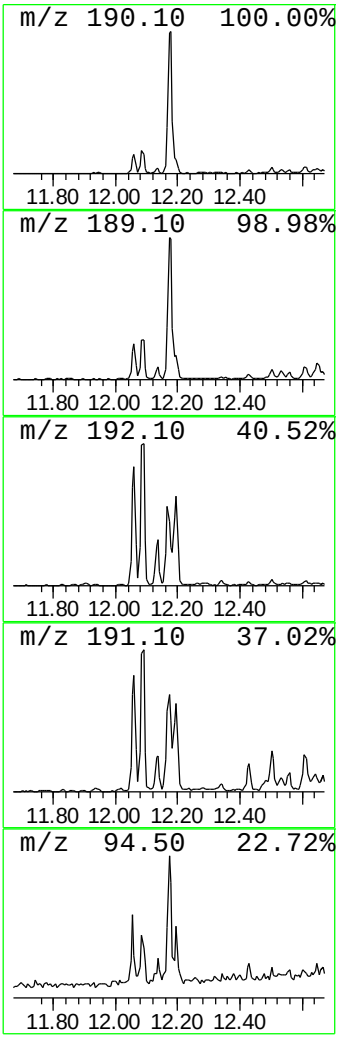
****

Peak Number 7 4H-Cyclopenta[def]phenanthrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.17	5.39 ng	333771	Phenanthrene-d10	11.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	58
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	42
3	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	38
4	Megastigmatrienone	190	C13H18O	038818-55-2	18
5	1,1'-Biphenyl, 4,4'-difluoro-	190	C12H8F2	000398-23-2	17





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081718\
Data File : BF108246.D
Acq On : 17 Aug 2018 16:36
Operator : JU/SJ
Sample : J4516-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ND-SOIL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

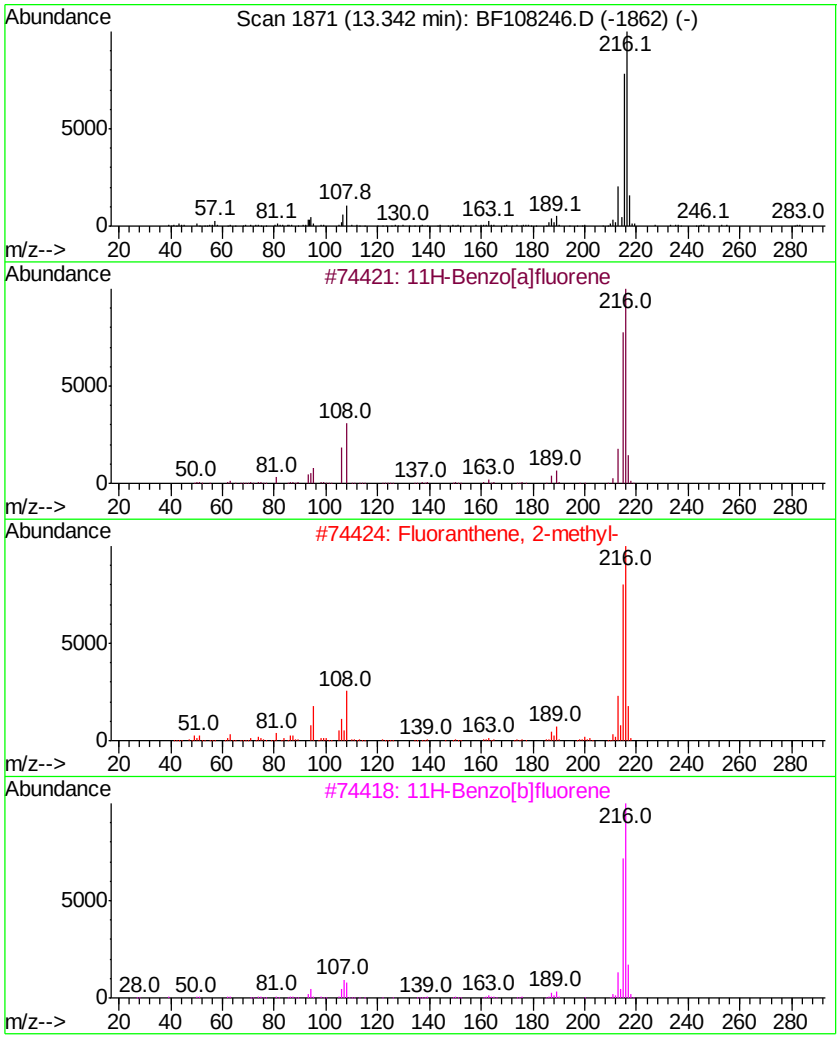
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

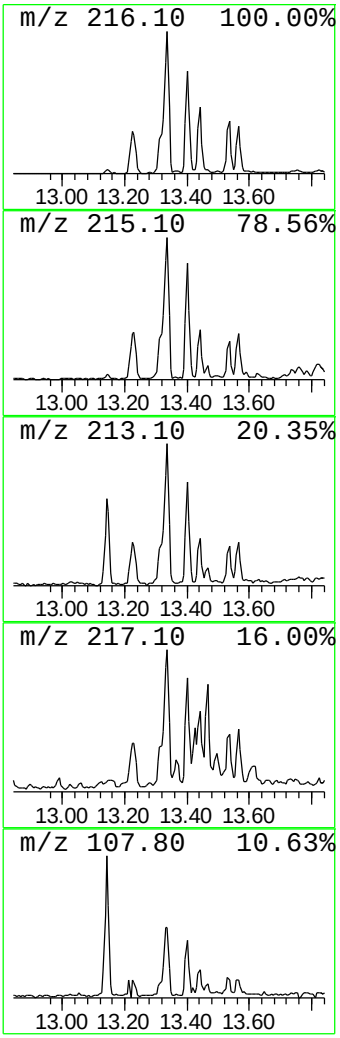
****

Peak Number 8 11H-Benzo[a]fluorene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.34	4.46 ng	538255	Chrysene-d12	14.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	95
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081718\
Data File : BF108246.D
Acq On : 17 Aug 2018 16:36
Operator : JU/SJ
Sample : J4516-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ND-SOIL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

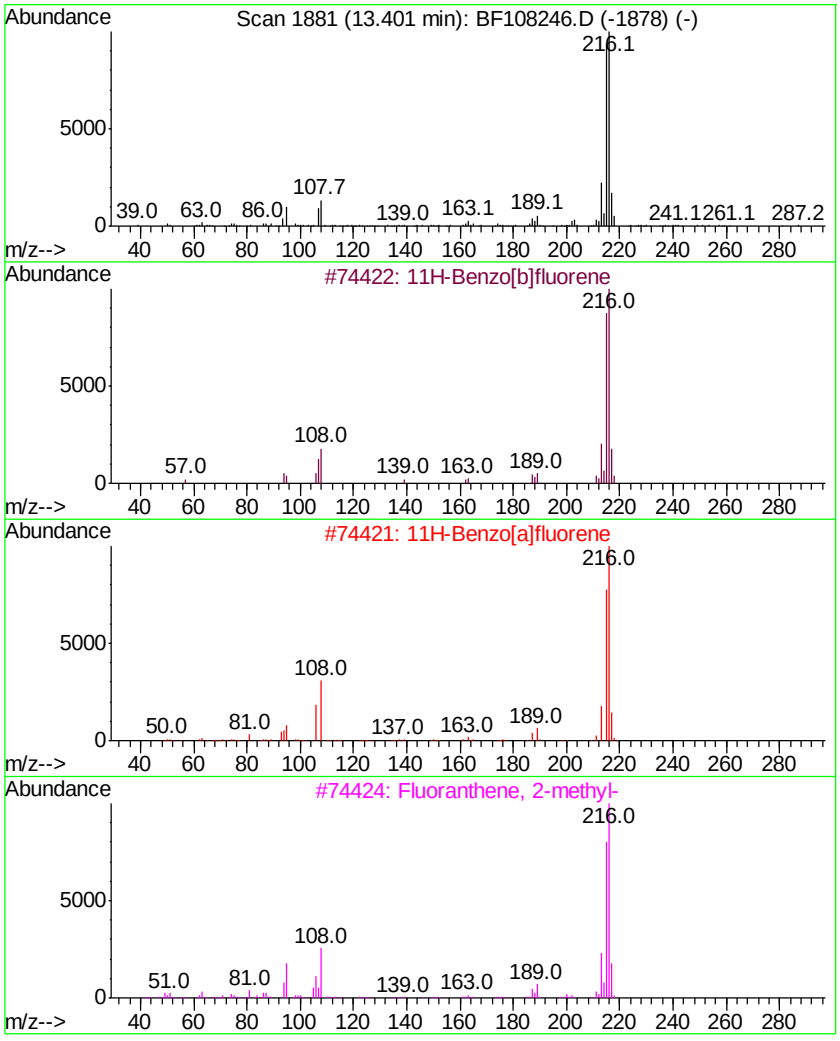
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

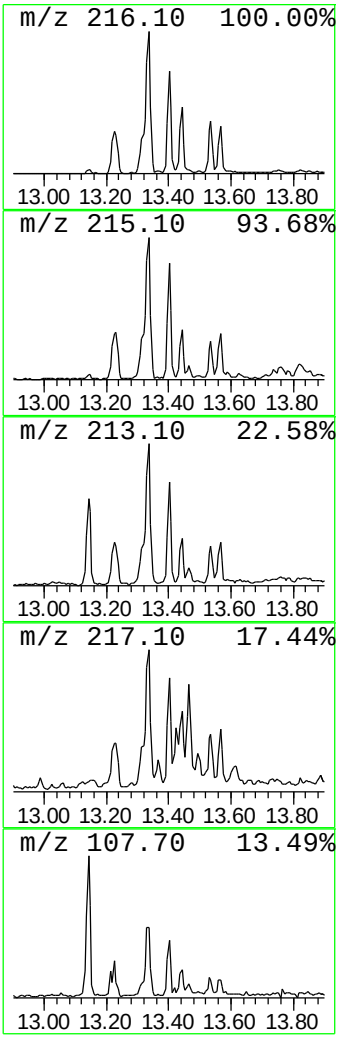
****

Peak Number 9 11H-Benzo[b]fluorene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.40	2.14 ng	258484	Chrysene-d12	14.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	81
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	76
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	72





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081718\
Data File : BF108246.D
Acq On : 17 Aug 2018 16:36
Operator : JU/SJ
Sample : J4516-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ND-SOIL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

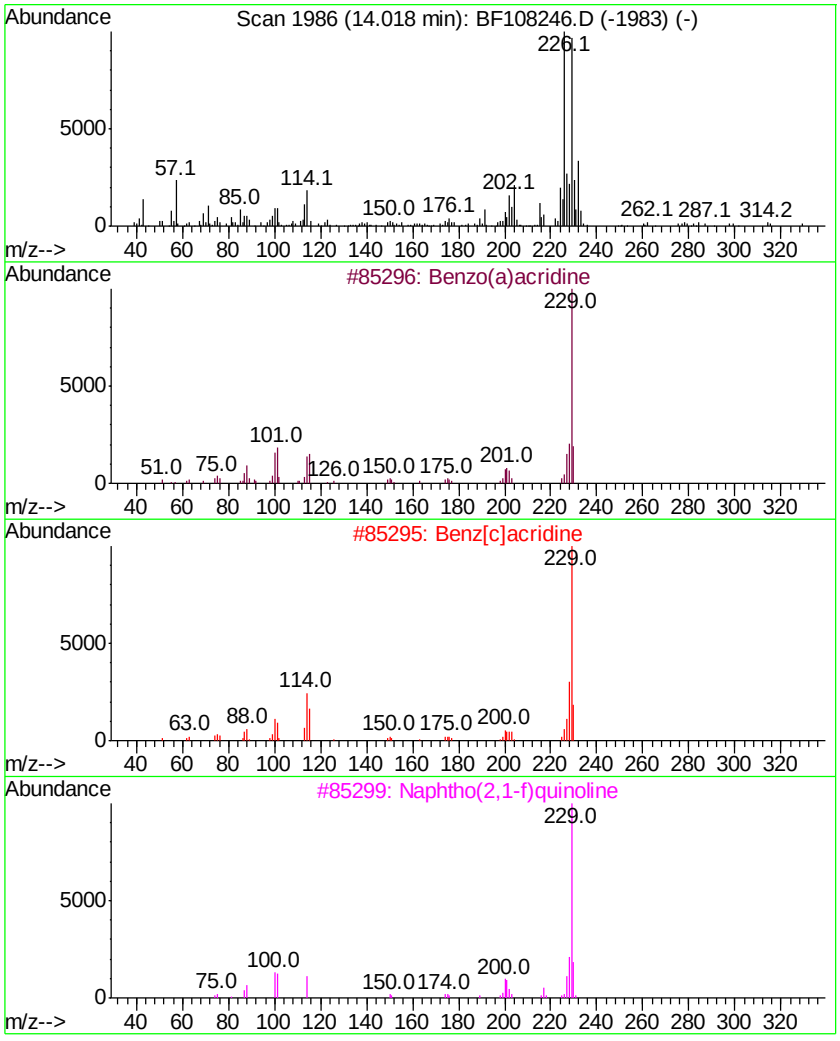
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

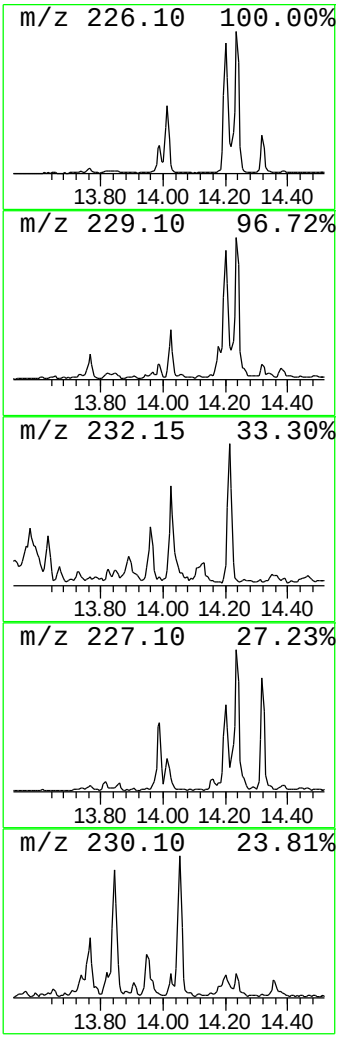
****

Peak Number 10 unknown14.02 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.02	2.45 ng	295682	Chrysene-d12	14.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo(a)acridine	229	C17H11N	000225-11-6	49
2	Benz[c]acridine	229	C17H11N	000225-51-4	43
3	Naphtho(2,1-f)quinoline	229	C17H11N	000218-08-6	37
4	10H-Phenothiazine, 3-methoxy-	229	C13H11NOS	001771-19-3	35
5	Malononitrile, 2-indeno[1,2-b]py...	229	C15H7N3	1000316-60-9	30





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081718\
Data File : BF108246.D
Acq On : 17 Aug 2018 16:36
Operator : JU/SJ
Sample : J4516-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ND-SOIL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

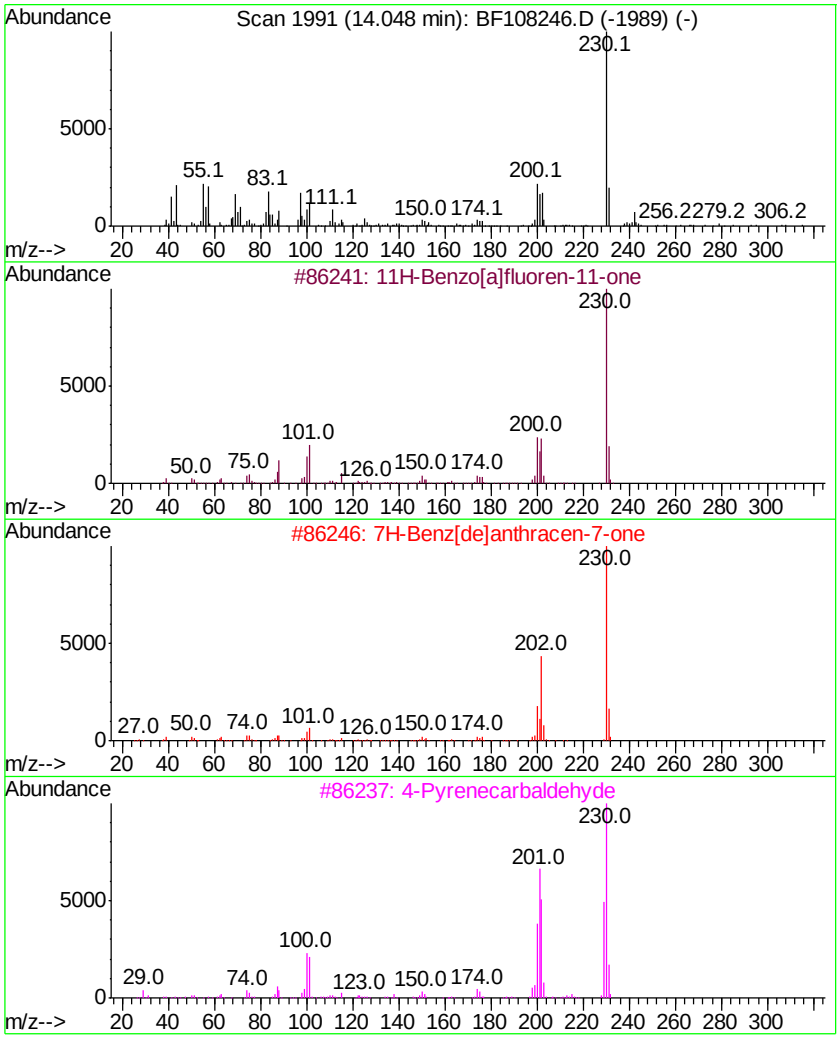
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

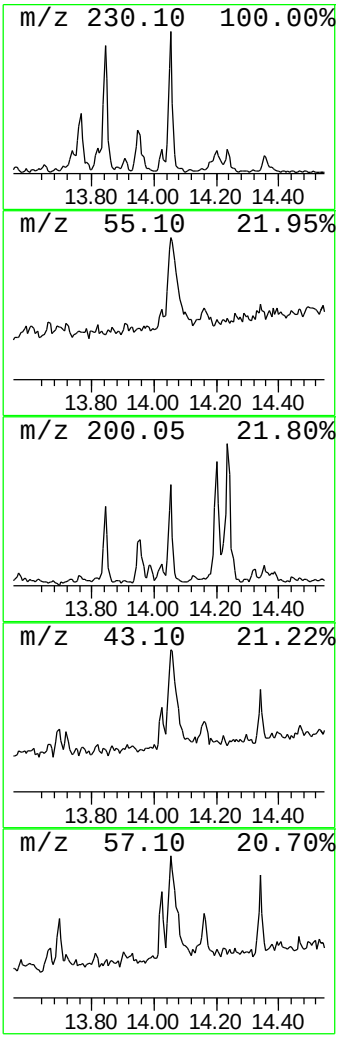
****

Peak Number 11 11H-Benzo[a]fluoren-11-one Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.05	3.48 ng	419862	Chrysene-d12	14.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	95
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	89
3	4-Pyrenecarbaldehyde	230	C17H10O	022245-51-8	59
4	o-Terphenyl	230	C18H14	000084-15-1	47
5	p-Terphenyl	230	C18H14	000092-94-4	43





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081718\
Data File : BF108246.D
Acq On : 17 Aug 2018 16:36
Operator : JU/SJ
Sample : J4516-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ND-SOIL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

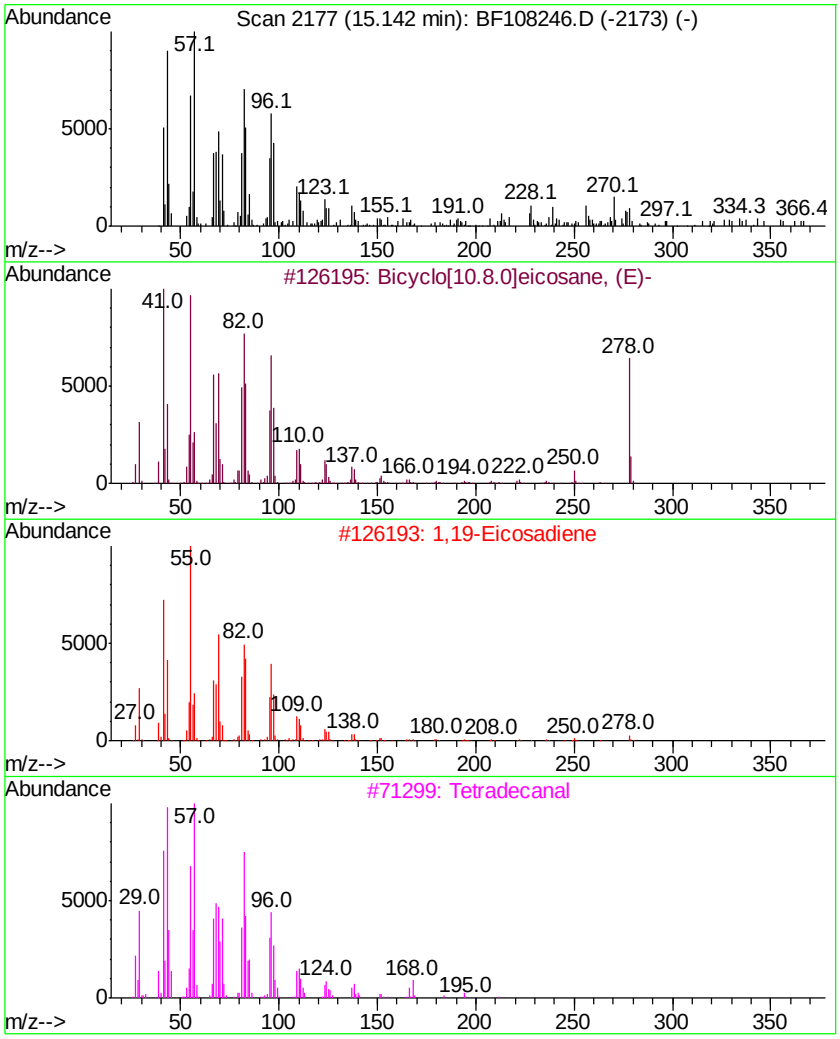
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

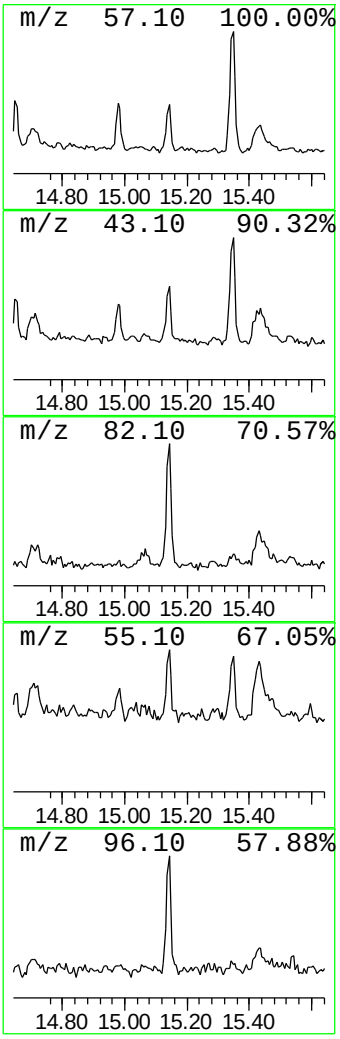
****

Peak Number 12 Bicyclo[10.8.0]eicosane, (E)- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.14	3.89 ng	228876	Perylene-d12	15.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[10.8.0]eicosane, (E)-	278	C20H38	1000155-85-0	95
2	1,19-Eicosadiene	278	C20H38	014811-95-1	95
3	Tetradecanal	212	C14H28O	000124-25-4	93
4	(Z)-14-Tricosenyl formate	366	C24H46O2	077899-10-6	87
5	Decanenitrile	153	C10H19N	001975-78-6	86





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081718\
Data File : BF108246.D
Acq On : 17 Aug 2018 16:36
Operator : JU/SJ
Sample : J4516-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ND-SOIL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

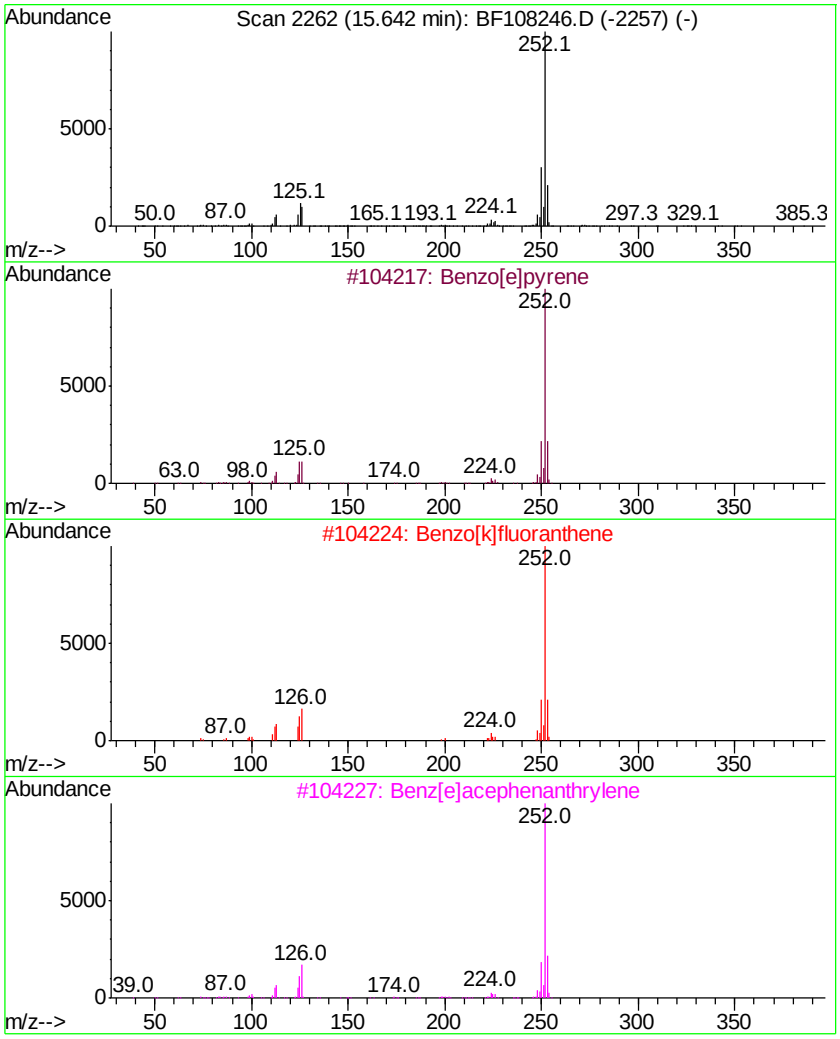
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

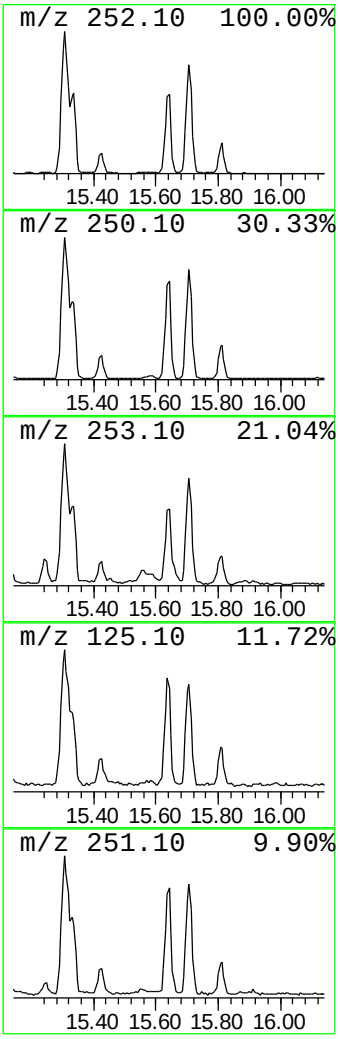
****

Peak Number 14 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.64	11.44 ng	672686	Perylene-d12	15.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	96
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	96
4	Benzo[j]fluoranthene	252	C20H12	000205-82-3	95
5	Perylene	252	C20H12	000198-55-0	95





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081718\
Data File : BF108246.D
Acq On : 17 Aug 2018 16:36
Operator : JU/SJ
Sample : J4516-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ND-SOIL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

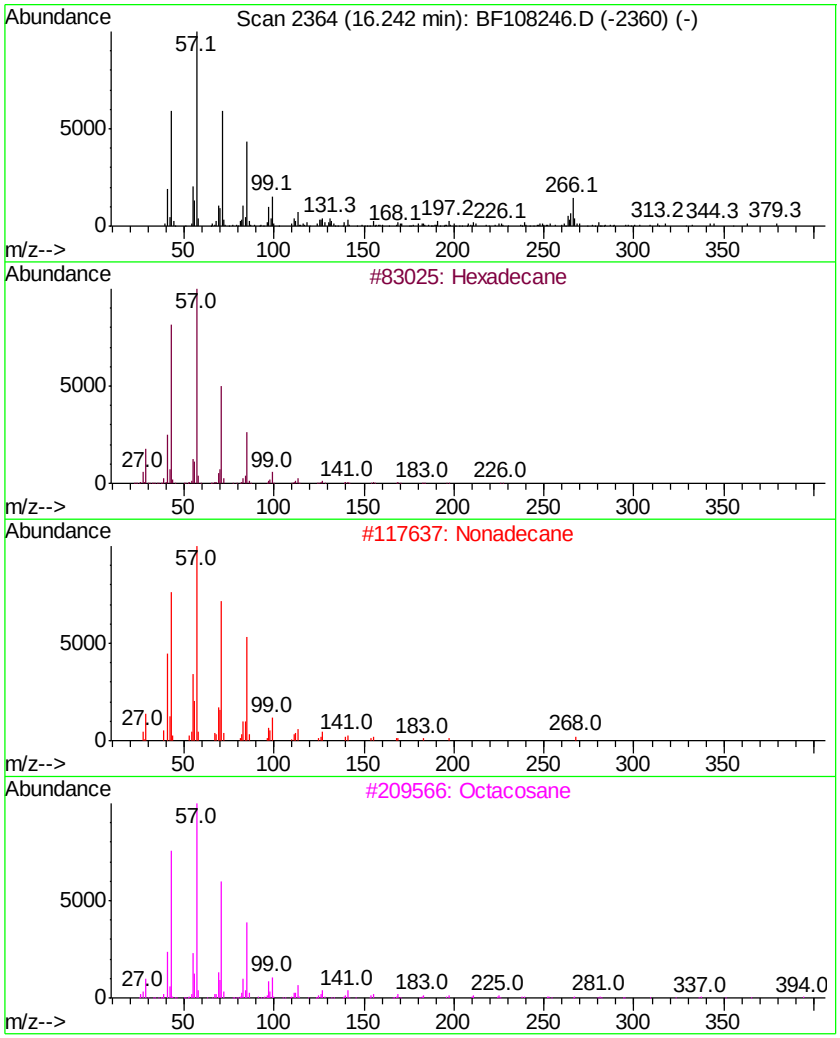
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

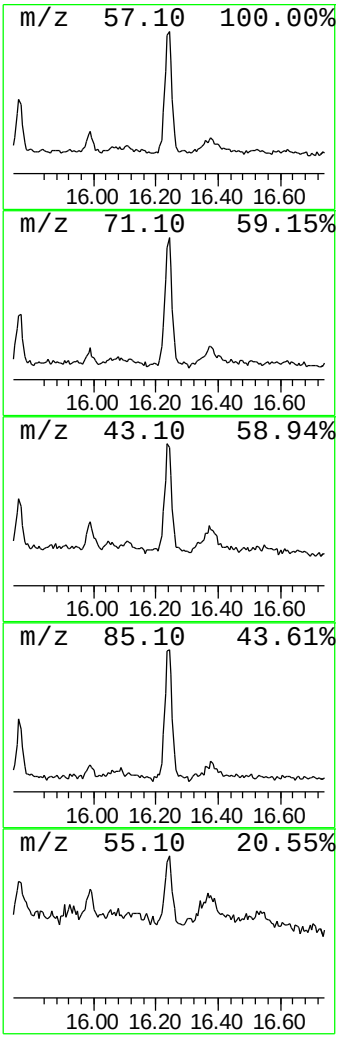
****

Peak Number 15 Hexadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.24	4.80 ng	282434	Perylene-d12	15.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	95
2	Nonadecane	268	C19H40	000629-92-5	83
3	Octacosane	394	C28H58	000630-02-4	81
4	Hexacosane	366	C26H54	000630-01-3	76
5	Heneicosane	296	C21H44	000629-94-7	76





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081718\
Data File : BF108246.D
Acq On : 17 Aug 2018 16:36
Operator : JU/SJ
Sample : J4516-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ND-SOIL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.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
2-Pentanone, 4-hy...	5.25	3.5	ng	147589	1	7.01	855898	20.0
unknown6.78	6.78	68.1	ng	2915710	1	7.01	855898	20.0
Anthracene, 1,2,3...	11.41	2.3	ng	139231	4	11.55	1239100	20.0
Anthracene, 2-met...	12.06	2.6	ng	164423	4	11.55	1239100	20.0
Phenanthrene, 1-m...	12.08	3.2	ng	198938	4	11.55	1239100	20.0
4H-Cyclopenta[def...	12.17	5.4	ng	333771	4	11.55	1239100	20.0
11H-Benzo[a]fluorene	13.34	4.5	ng	538255	5	14.21	2412730	20.0
11H-Benzo[b]fluorene	13.40	2.1	ng	258484	5	14.21	2412730	20.0
unknown14.02	14.02	2.5	ng	295682	5	14.21	2412730	20.0
11H-Benzo[a]fluor...	14.05	3.5	ng	419862	5	14.21	2412730	20.0
Bicyclo[10.8.0]ei...	15.14	3.9	ng	228876	6	15.78	1175670	20.0
Benzo[e]pyrene	15.64	11.4	ng	672686	6	15.78	1175670	20.0
Hexadecane	16.24	4.8	ng	282434	6	15.78	1175670	20.0