LSC Area Percent Report

Data Path : U:\HPCHEM1\BNA F\DATA\BF082117\
Data File : BF097931.D
Acq On : 22 Aug 2017 3:17
Operator : SJ/JU
Sample : I4898-04 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NB-08-081817-B

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:\HPCHEM1\BNA_F\METHODS\8270-BF081517.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	4.934	481	484	495	rVB	154963	177595	2.70%	0.365%
2	5.351	551	555	559	rBV	1611212	1559392	23.66%	3.202%
3	6.381	726	730	738	rVB	1774729	1642748	24.93%	3.373%
4	6.516	749	753	756	rBV	1806227	1556622	23.62%	3.196%
5	6.751	789	793	796	rBV	899265	725074	11.00%	1.489%
6	6.904	815	819	823	rBV	1389315	1156124	17.54%	2.374%
7	7.310	884	888	891	rBV	1090895	872649	13.24%	1.792%
8	8.033	1006	1011	1014	rBV	1080574	908410	13.79%	1.865%
9	9.110	1189	1194	1197	rBV	1515799	1324365	20.10%	2.719%
10	9.192	1205	1208	1213	rBV2	120912	114656	1.74%	0.235%
11	9.374	1234	1239	1242	rBV2	138683	141545	2.15%	0.291%
12	9.504	1257	1261	1265	rBV	376033	356768	5.41%	0.732%
13	9.563	1269	1271	1275	rVB3	56242	73527	1.12%	0.151%
14	9.645	1282	1285	1290	rBV	216377	188356	2.86%	0.387%
15	9.722	1296	1298	1302	rVB	219560	171287	2.60%	0.352%
16	9.786	1302	1309	1312	rBV	939008	852076	12.93%	1.749%
17	9.816	1312	1314	1318	rVB	155135	128797	1.95%	0.264%
18	9.986	1340	1343	1346	rVB2	140603	122778	1.86%	0.252%
19	10.222	1380	1383	1390	rVB	335645	271037	4.11%	0.556%
20	10.327	1398	1401	1408	rBV	209797	243605	3.70%	0.500%
21	10.445	1417	1421	1423	rVV	128346	133942	2.03%	0.275%
22	10.486	1426	1428	1432	rVB2	62590	66041	1.00%	0.136%
23	10.569	1438	1442	1446	rVB	858072	759665	11.53%	1.560%
24	10.692	1461	1463	1471	rVB	438283	512537	7.78%	1.052%
25	10.904	1497	1499	1505	rVB4	72815	101278	1.54%	0.208%
26	11.145	1537	1540	1542	rBV	379751	343840	5.22%	0.706%
27	11.169	1542	1544	1550	rVB2	176090	217536	3.30%	0.447%
28	11.269	1557	1561	1563	rBV	836361	771510	11.71%	1.584%
29	11.292	1563	1565	1568	rVV	1011199	768955	11.67%	1.579%
30	11.339	1570	1573	1577	rVV	381456	344612	5.23%	0.708%
31	11.498	1595	1600	1602	rBV2	49716	72140	1.09%	0.148%
32	11.568	1609	1612	1614	rBV2	371604	286495	4.35%	0.588%
33	11.674	1626	1630	1633	rVB	3103532	2987981	45.34%	6.135%
34	11.768	1643	1646	1648	rBV	160769	127708	1.94%	0.262%

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Misc :
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Instrument : BNA_F
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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

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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.798	1648	1651	1654	rVB	209345	190394	2.89%	0.391%
36	11.845	1654	1659	1661	rBV2	92944	108164	1.64%	0.222%
37	11.880	1661	1665	1667	rBV2	333332	343121	5.21%	0.704%
38	11.974	1674	1681	1684	rBV	308662	367593	5.58%	0.755%
39	12.063	1694	1696	1705	rVB4	130096	200186	3.04%	0.411%
40	12.315	1736	1739	1742	rVB	149266	134496	2.04%	0.276%
41	12.363	1742	1747	1749	rBV	4732340	6589558	100.00%	13.529%
42	12.386	1749	1751	1757	rVV2	5207450	5693784	86.41%	11.690%
43	12.463	1761	1764	1766	rVV	1927969	2034350	30.87%	4.177%
44	12.480	1766	1767	1770	rVB	1704118	1025425	15.56%	2.105%
45	12.545	1775	1778	1781	rVV3	112818	166910	2.53%	0.343%
46	12.568	1781	1782	1786	rVB	121979	90288	1.37%	0.185%
47	12.627	1790	1792	1797	rVB3	71011	115769	1.76%	0.238%
48	12.710	1800	1806	1808	rBV	1660065	2009672	30.50%	4.126%
49	12.733	1808	1810	1813	rVB2	158830	127993	1.94%	0.263%
50	12.857	1827	1831	1836	rVB	1040956	1028635	15.61%	2.112%
51	12.904	1836	1839	1841	rBV2	148310	172082	2.61%	0.353%
52	12.939	1841	1845	1851	rVV5	193168	418930	6.36%	0.860%
53	13.021	1855	1859	1860	rBV2	278287	315407	4.79%	0.648%
54	13.039	1860	1862	1864	rVV2	476347	548582	8.33%	1.126%
55	13.104	1868	1873	1876	rVV3	390480	509349	7.73%	1.046%
56	13.139	1876	1879	1881	rVV2	184607	163520	2.48%	0.336%
57	13.186	1884	1887	1892	rVV	243409	271104	4.11%	0.557%
58	13.227	1892	1894	1896	rVV	117060	106198	1.61%	0.218%
59	13.257	1897	1899	1903	rVV2	141677	173337	2.63%	0.356%
60	13.292	1903	1905	1909	rVV4	162626	214437	3.25%	0.440%
61	13.345	1911	1914	1917	rVV3	203689	253296	3.84%	0.520%
62	13.374	1917	1919	1922	rVB3	85092	66308	1.01%	0.136%
63	13.433	1927	1929	1932	rBV2	116727	94481	1.43%	0.194%
64	13.610	1955	1959	1962	rVB2	332040	441896	6.71%	0.907%
65	13.651	1963	1966	1969	rVV2	115577	119064	1.81%	0.244%
66	13.680	1969	1971	1973	rBV	107684	72281	1.10%	0.148%
67	13.704	1973	1975	1979	rBV2	92289	89336	1.36%	0.183%
68	13.851	1998	2000	2003	rBV	188036	169038	2.57%	0.347%
69	13.898	2004	2008	2011	rVV2	964281	1368160	20.76%	2.809%
70	13.927	2011	2013	2016	rVB	592084	484265	7.35%	0.994%
71	14.009	2024	2027	2029	rVB	134188	117176	1.78%	0.241%

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Instrument : BNA_F
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Integrator: RTE
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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	14.286	2072	2074	2078	rVB	158055	141900	2.15%	0.291%
73	14.921	2178	2182	2185	rBV	515858	747938	11.35%	1.536%
74	15.209	2227	2231	2236	rVB	304573	381251	5.79%	0.783%
75	15.268	2237	2241	2247	rVB	458150	553210	8.40%	1.136%
76	15.327	2247	2251	2254	rBV	320678	406468	6.17%	0.835%

Sum of corrected areas: 48707003

LSC Report - Integrated Chromatogram

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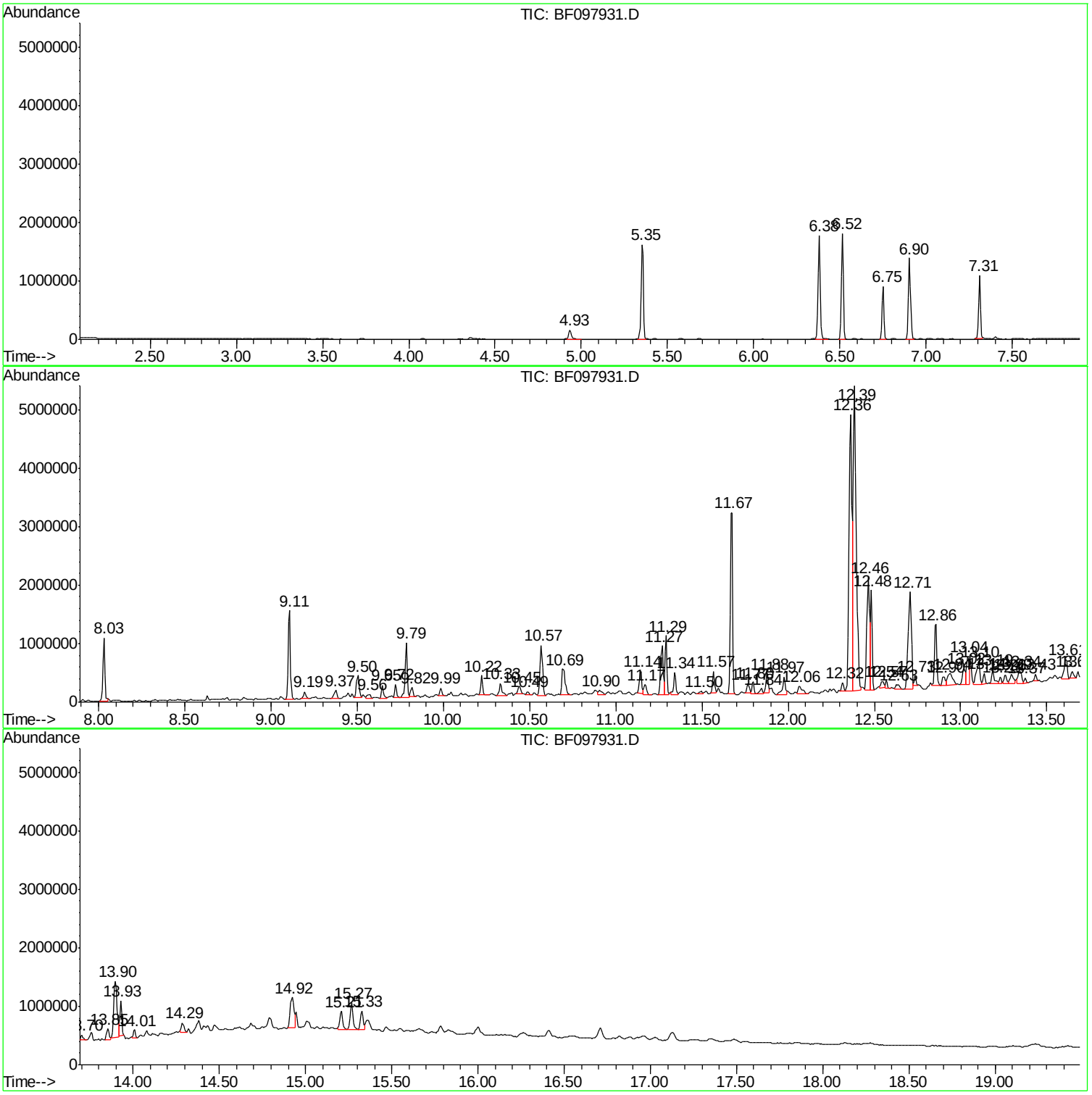
Sample : I4898-04 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NB-08-081817-B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.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 : U:\HPCHEM1\BNA F\DATA\BF082117\
Data File : BF097931.D
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Instrument : BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

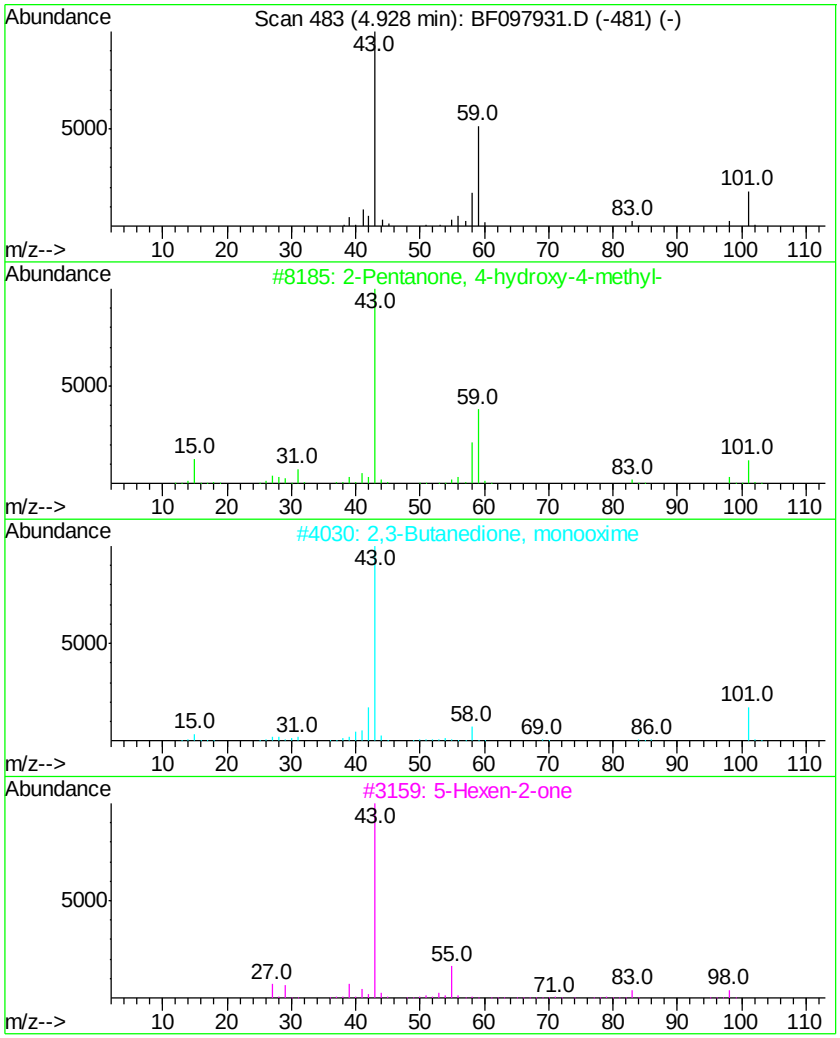
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

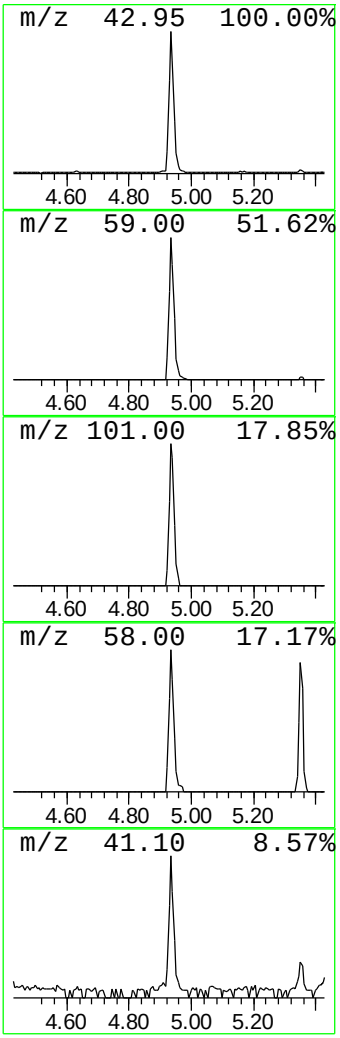
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.93	4.90 ng	177595	1,4-Dichlorobenzene-d4	6.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	53
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25
3	5-Hexen-2-one	98	C6H10O	000109-49-9	9
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9





Library Search Compound Report

Data Path : U:\HPCHEM1\BNA F\DATA\BF082117\
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Sample : I4898-04 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NB-08-081817-B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

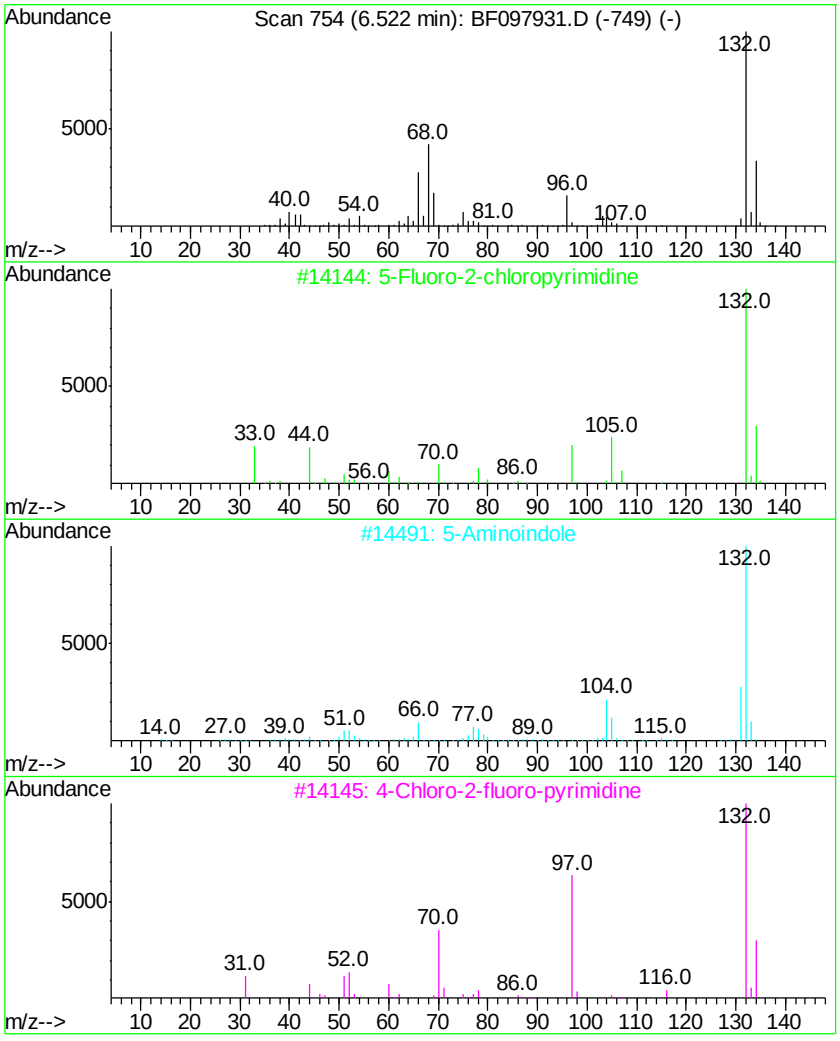
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

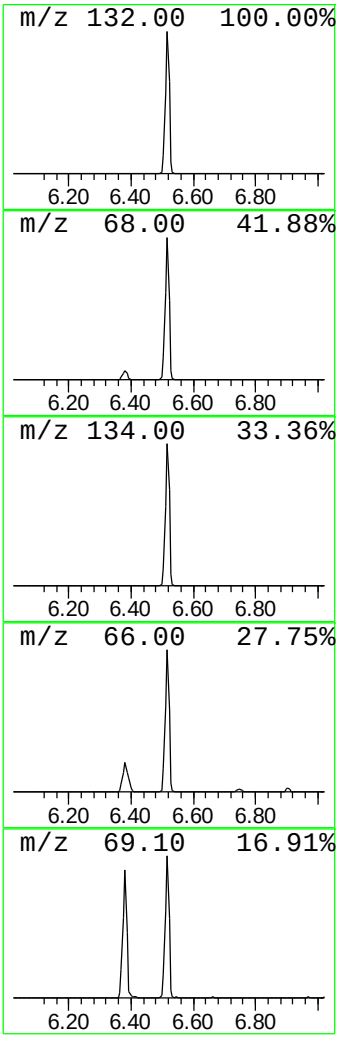
****

Peak Number 2 unknown6.52 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.52	42.94 ng	1556620	1,4-Dichlorobenzene-d4	6.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
2	5-Aminoindole	132	C8H8N2	005192-03-0	10
3	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
4	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9
5	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9





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Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NB-08-081817-B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.M
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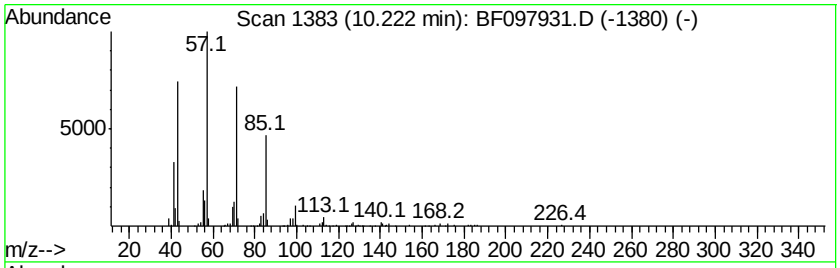
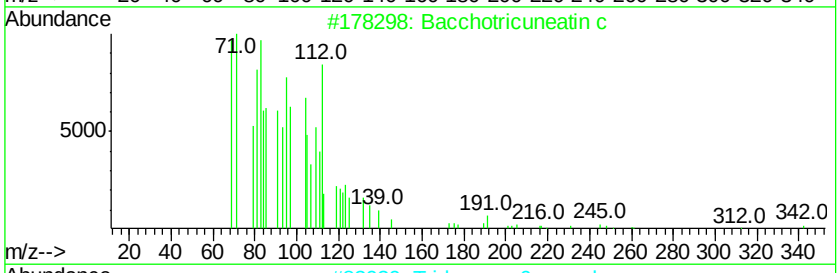
****

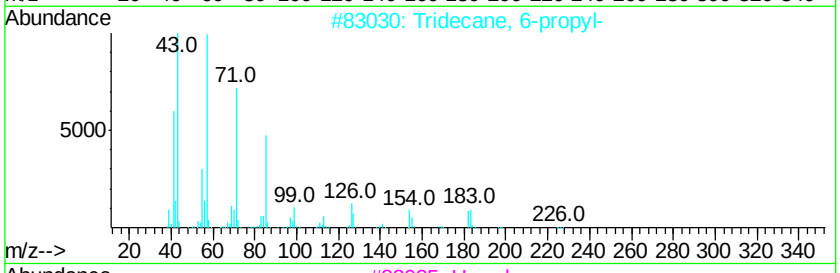
Peak Number 4 Bacchotricuneatin c Concentration Rank 15

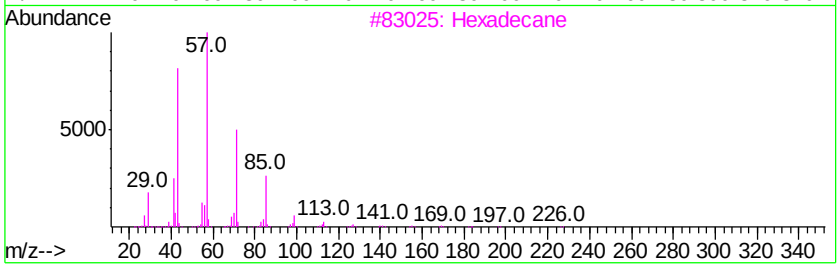
R.T.	EstConc	Area	Relative to ISTD	R.T.
10.22	6.36 ng	271037	Acenaphthene-d10	9.79

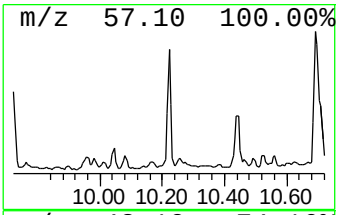
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bacchotricuneatin c	342	C20H22O5	066563-30-2	96
2	Tridecane, 6-propyl-	226	C16H34	055045-10-8	93
3	Hexadecane	226	C16H34	000544-76-3	90
4	Heptadecane	240	C17H36	000629-78-7	90
5	Pentadecane	212	C15H32	000629-62-9	86

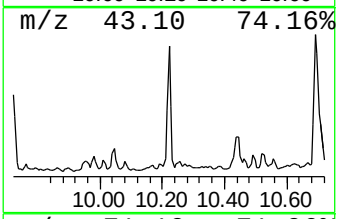


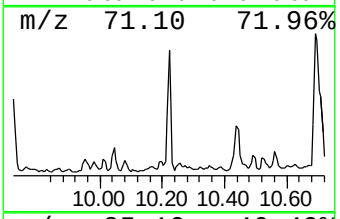


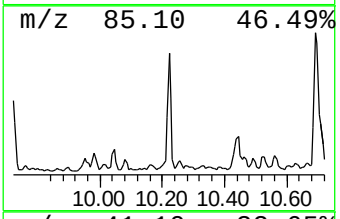


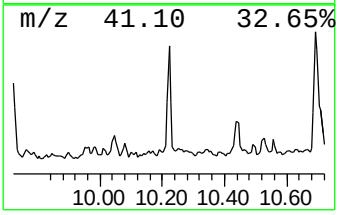












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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

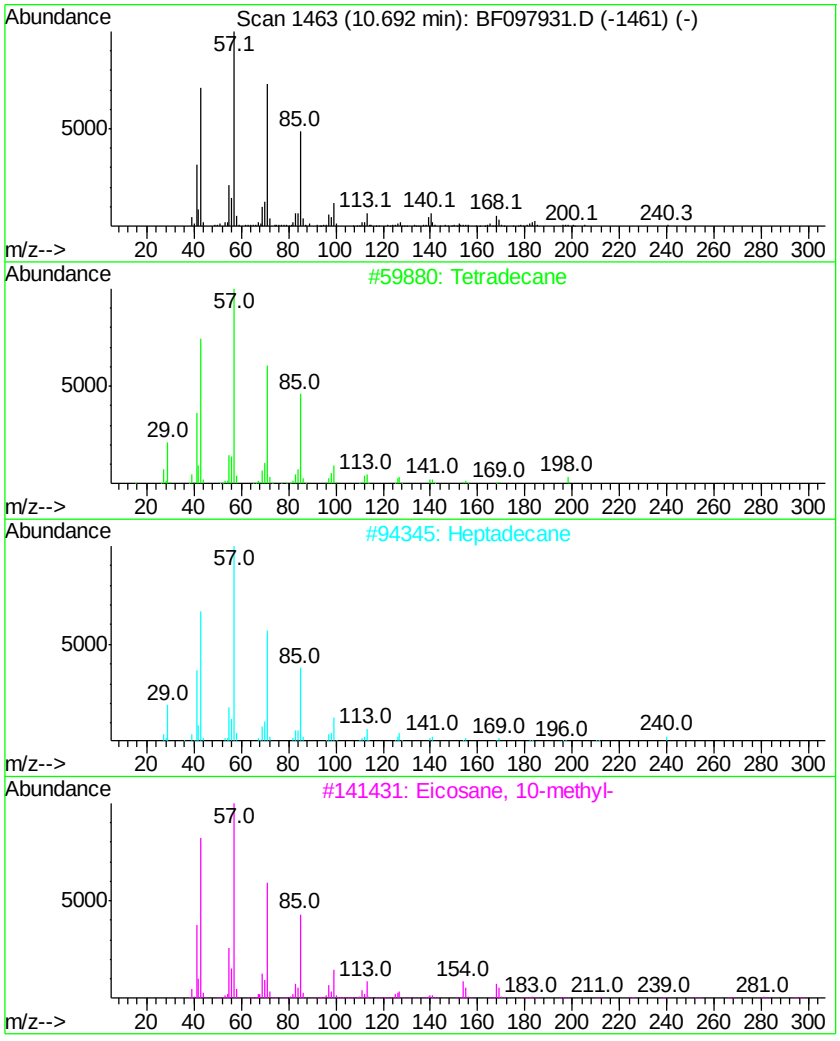
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

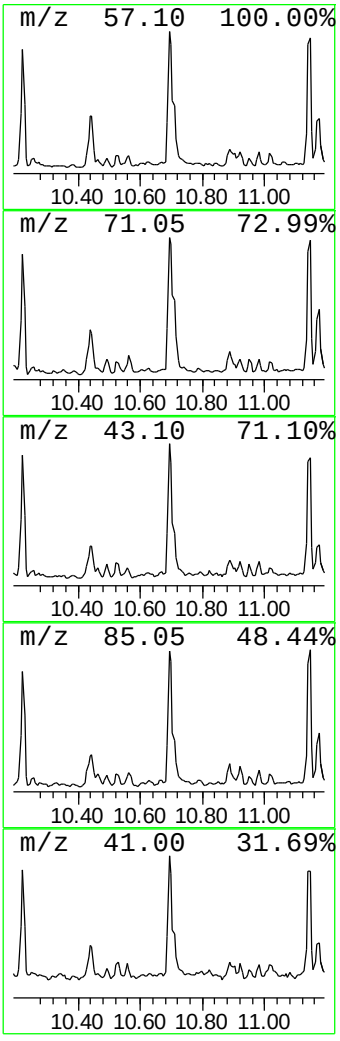
****

Peak Number 5 Tetradecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.69	13.29 ng	512537	Phenanthrene-d10	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	87
2	Heptadecane	240	C17H36	000629-78-7	86
3	Eicosane, 10-methyl-	296	C21H44	054833-23-7	80
4	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	80
5	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	80





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Instrument : BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.M
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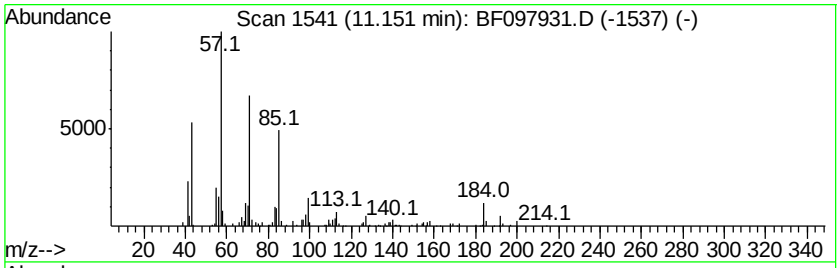
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

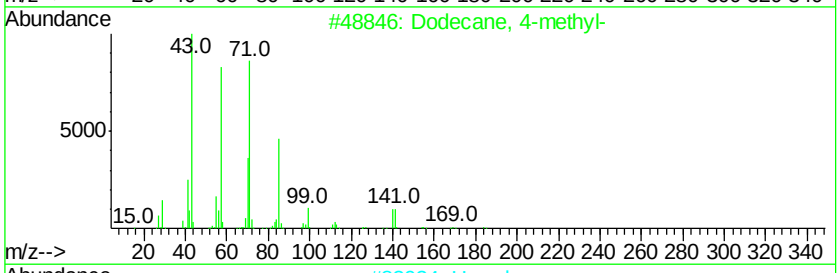
****

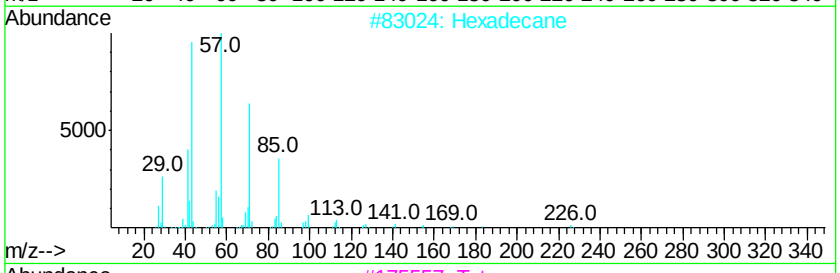
Peak Number 6 Dodecane, 4-methyl- Concentration Rank 9

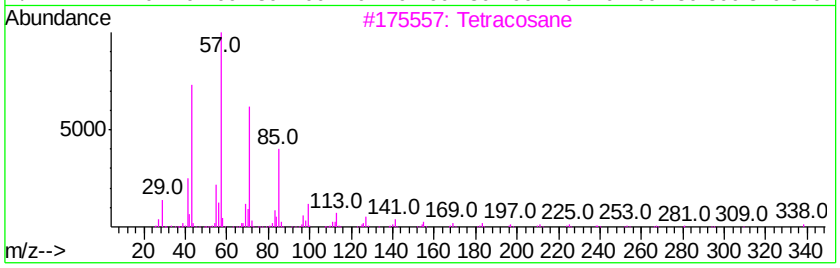
R.T.	EstConc	Area	Relative to ISTD	R.T.
11.15	8.91 ng	343840	Phenanthrene-d10	11.27

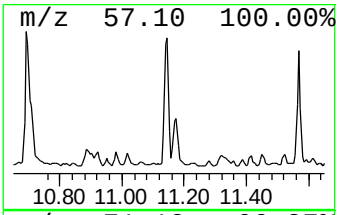
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 4-methyl-	184	C13H28	006117-97-1	90
2	Hexadecane	226	C16H34	000544-76-3	90
3	Tetracosane	338	C24H50	000646-31-1	90
4	Heneicosane	296	C21H44	000629-94-7	90
5	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	86

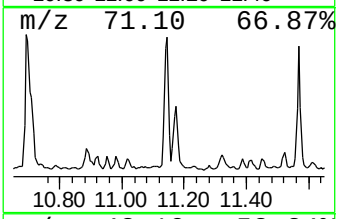


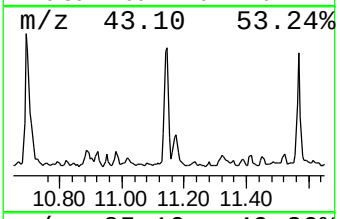


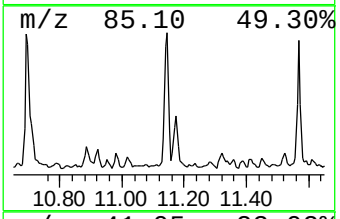


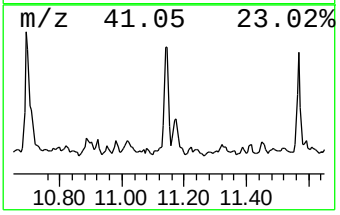












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Acq On : 22 Aug 2017 3:17
Operator : SJ/JU
Sample : I4898-04 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NB-08-081817-B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.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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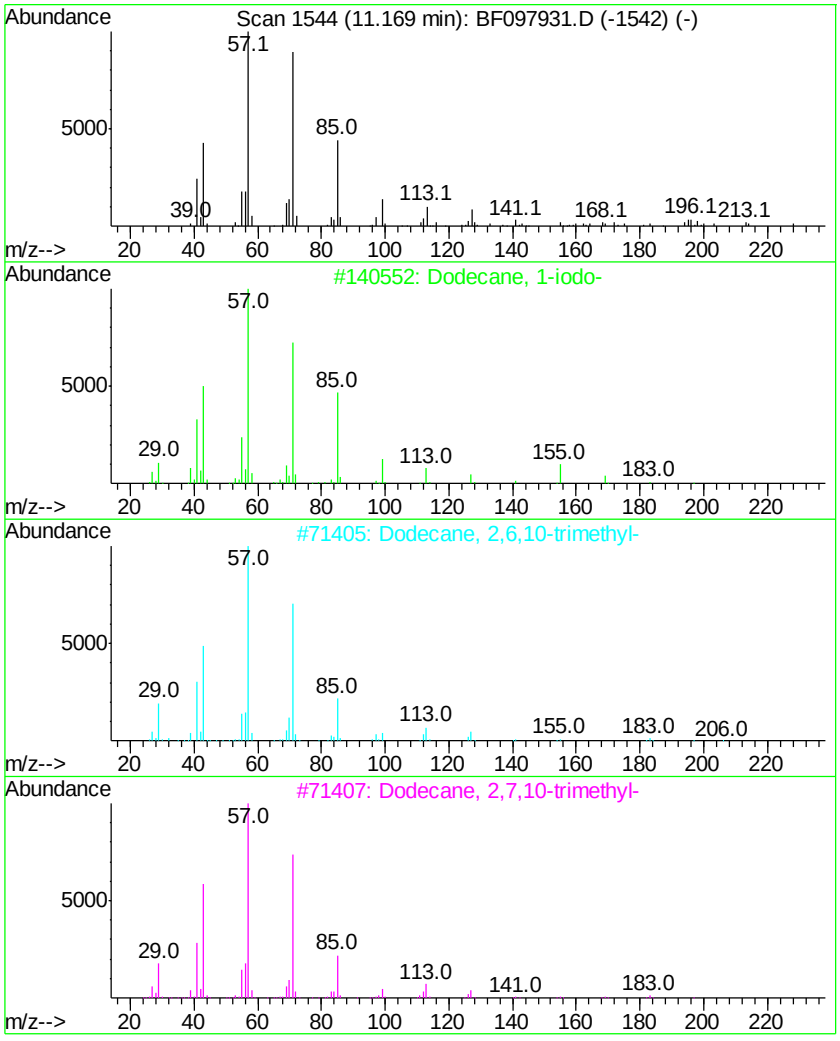
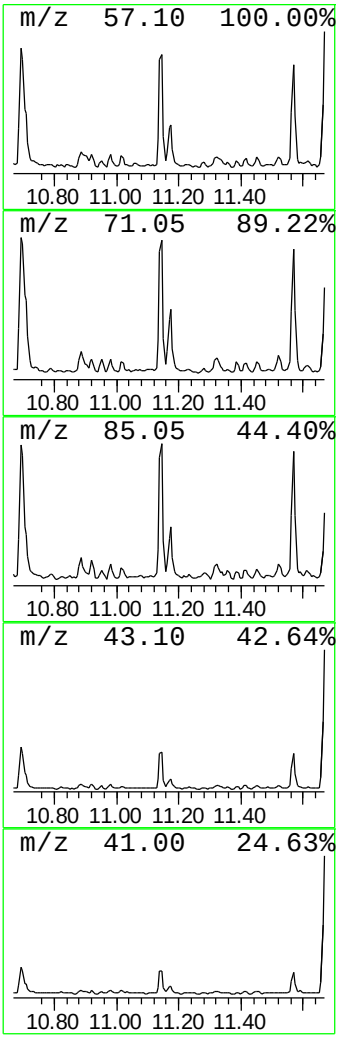
Peak Number 7 Dodecane, 1-iodo- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.17	5.64 ng	217536	Phenanthrene-d10	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	78
2	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	64
3	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	64
4	Hexadecane	226	C16H34	000544-76-3	59
5	Heptane, 3-ethyl-5-methyl-	142	C10H22	052896-90-9	52





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Instrument : BNA_F
ClientSampleId : NB-08-081817-B

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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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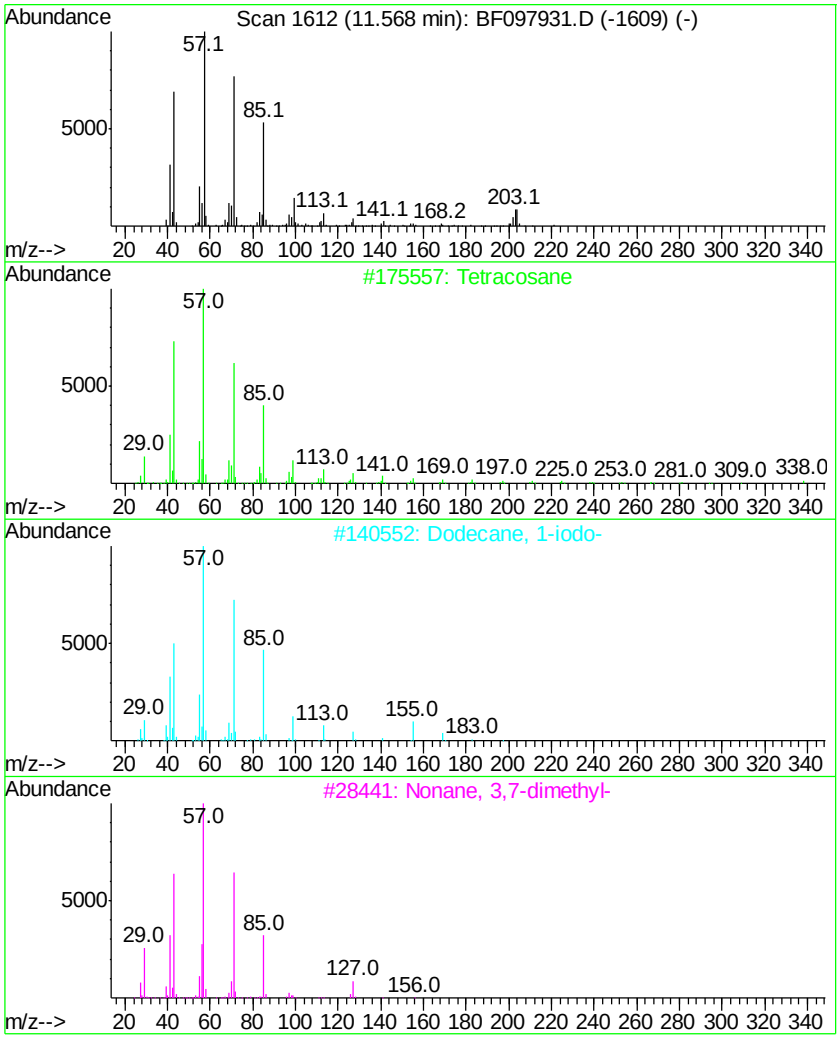
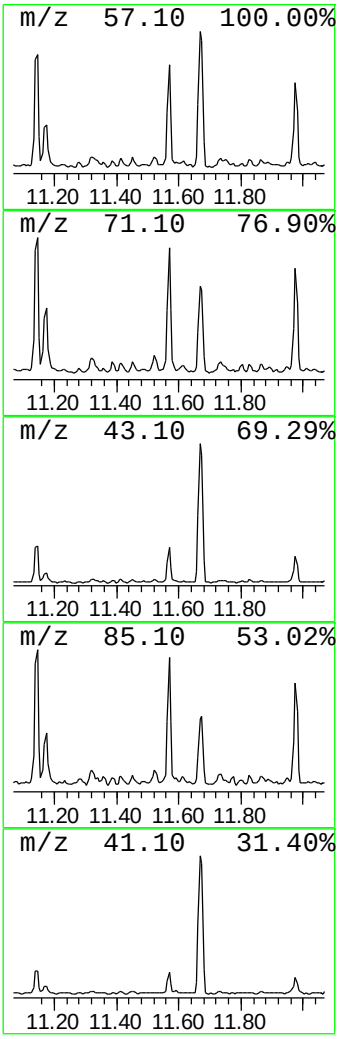
Peak Number 8 Tetracosane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.57	7.43 ng	286495	Phenanthrene-d10	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	80
2	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	80
3	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	72
4	Pentadecane	212	C15H32	000629-62-9	72
5	Sulfurous acid, 2-ethylhexyl iso...	278	C14H30O3S	1000309-19-0	72





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Instrument : BNA_F
ClientSampleId : NB-08-081817-B

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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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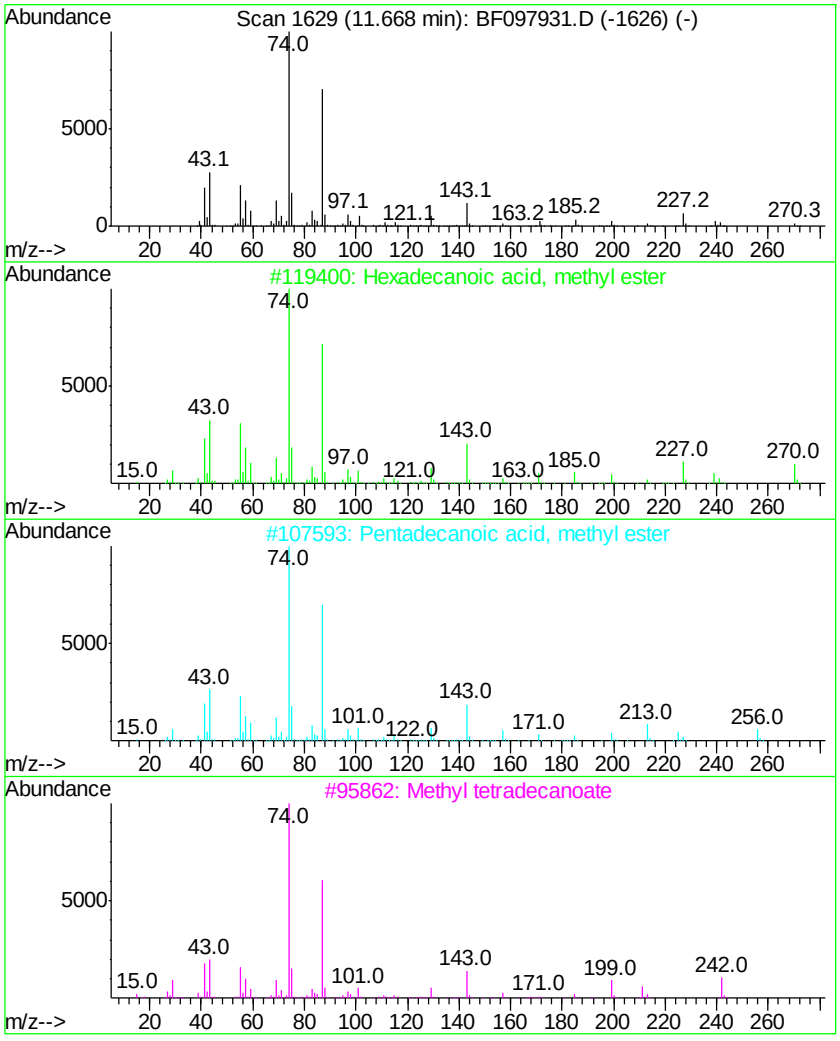
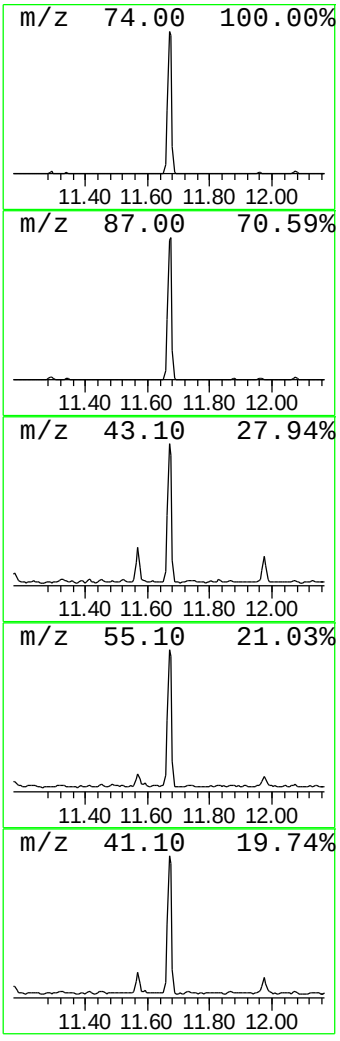
Peak Number 9 Hexadecanoic acid, methyl e... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.67	77.46 ng	2987980	Phenanthrene-d10	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	97
2	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	86
3	Methyl tetradecanoate	242	C15H30O2	000124-10-7	86
4	Dodecanoic acid, methyl ester	214	C13H26O2	000111-82-0	86
5	Hexadecanoic acid, 2-methyl-	270	C17H34O2	027147-71-3	86





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ALS Vial : 24 Sample Multiplier: 1

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ClientSampleId : NB-08-081817-B

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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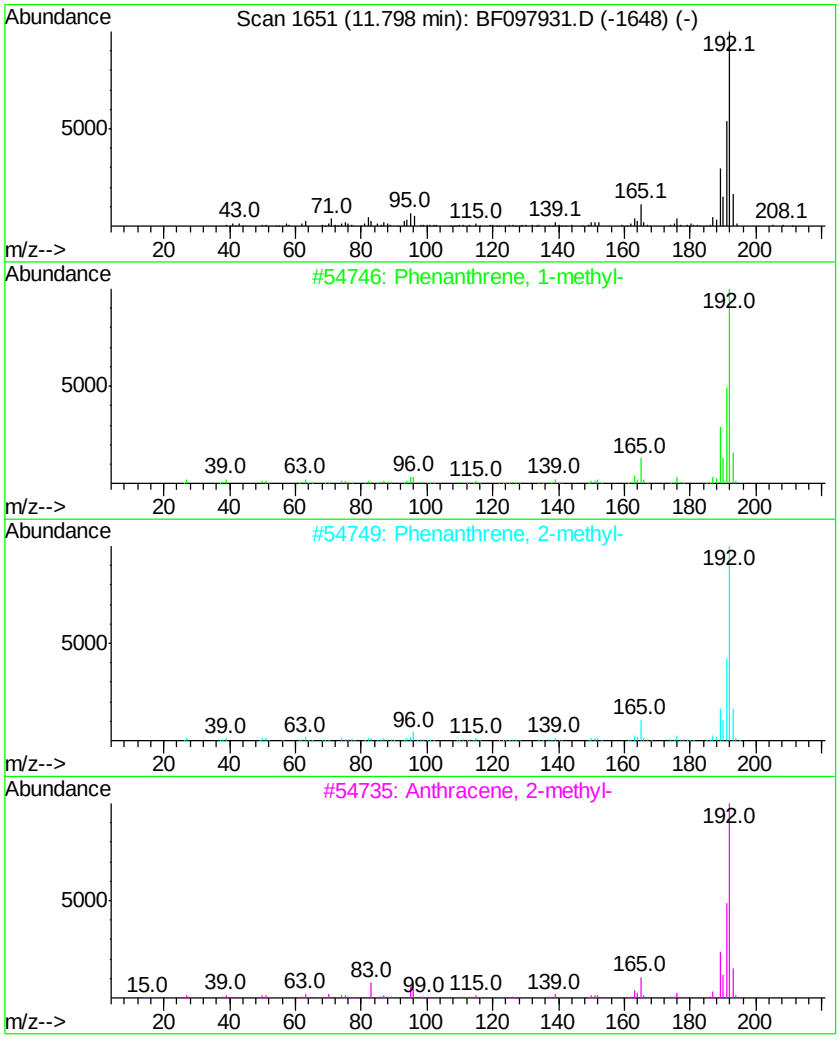
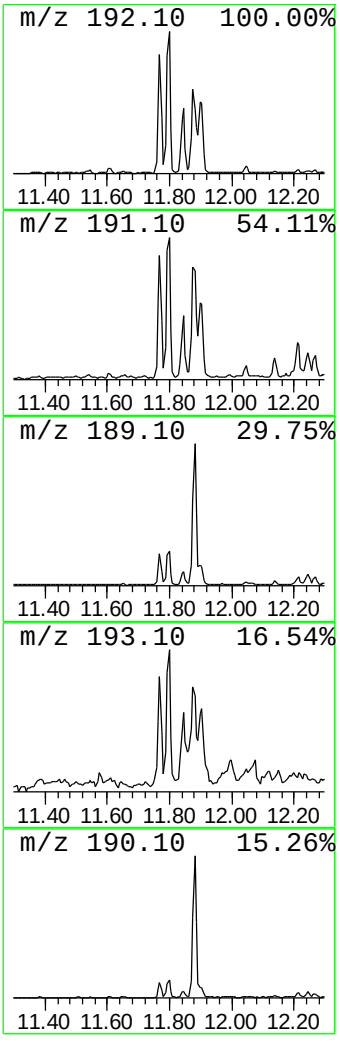
Peak Number 10 Phenanthrene, 1-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.80	4.94 ng	190394	Phenanthrene-d10	11.27

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	Anthracene, 2-methyl-	192	C15H12	000613-12-7	97
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	94





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Misc :
ALS Vial : 24 Sample Multiplier: 1

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ClientSampleId : NB-08-081817-B

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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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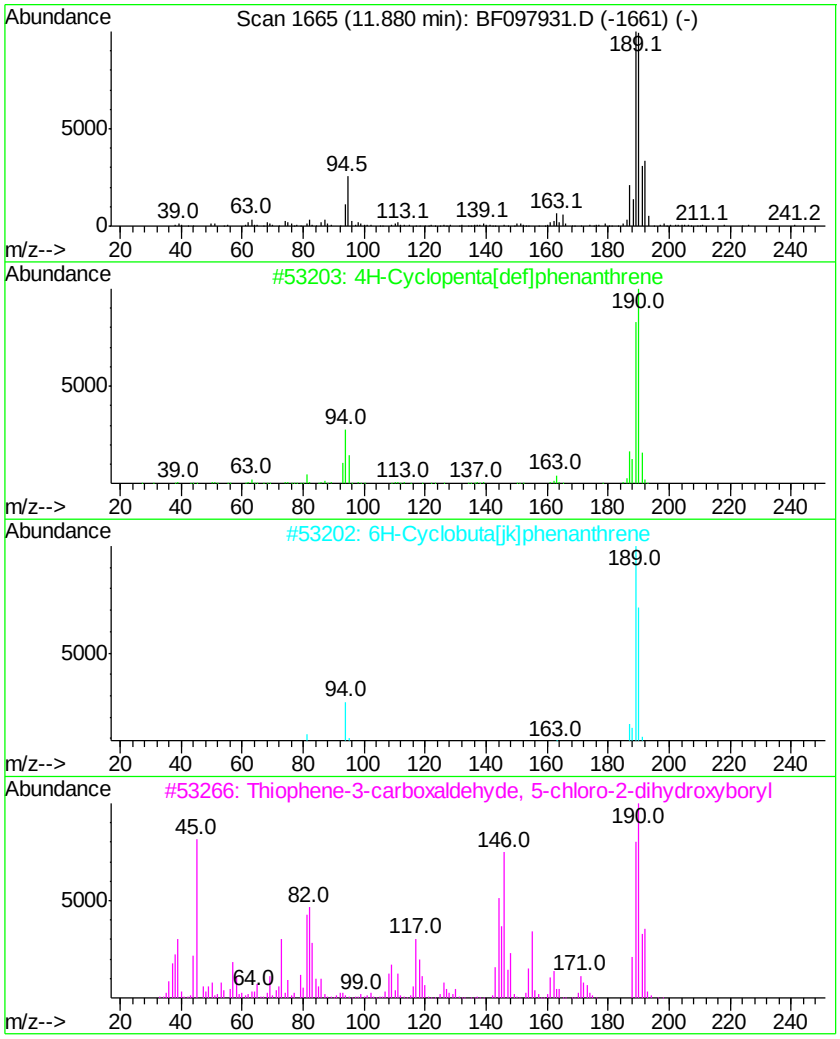
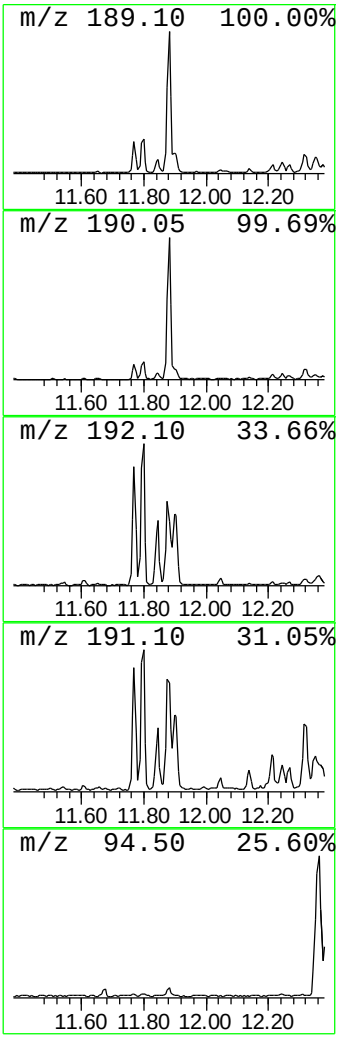
Peak Number 11 4H-Cyclopenta[def]phenanthrene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.88	8.89 ng	343121	Phenanthrene-d10	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	87
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	64
3	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	53
4	Methyl diselenide	190	C2H6Se2	007101-31-7	46
5	1,4-Naphthalenedione, 2,5-dihydr...	190	C10H6O4	004923-55-1	35





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Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NB-08-081817-B

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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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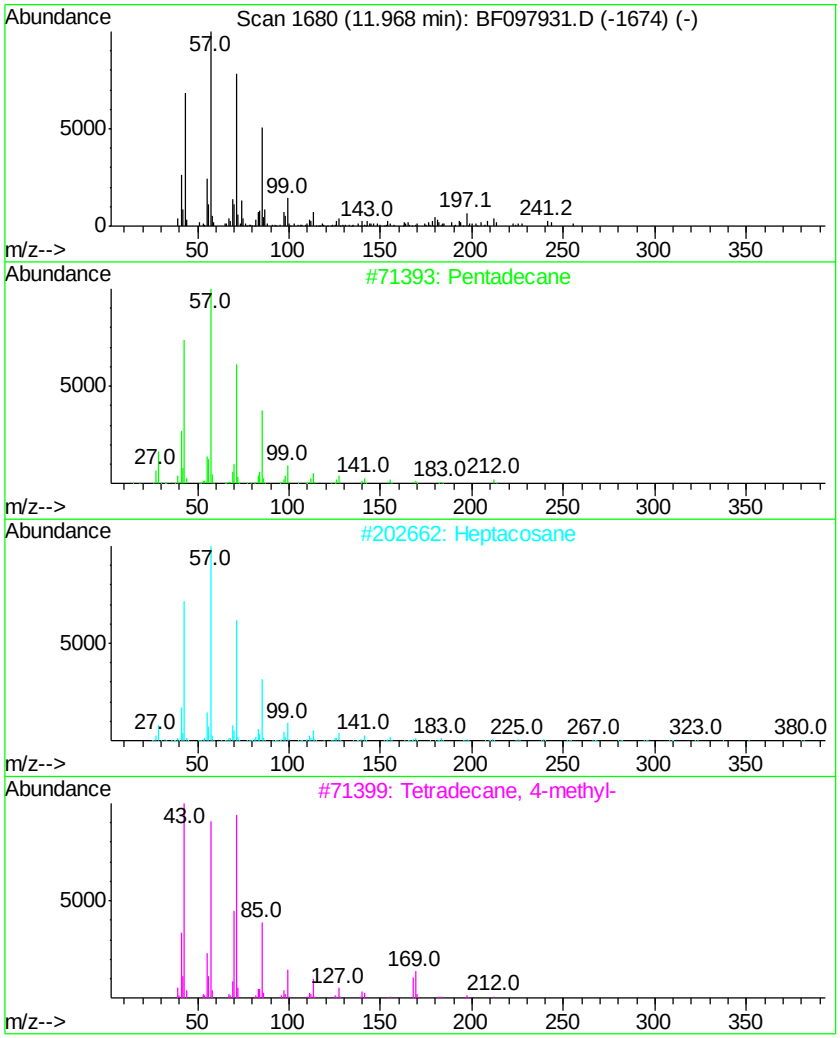
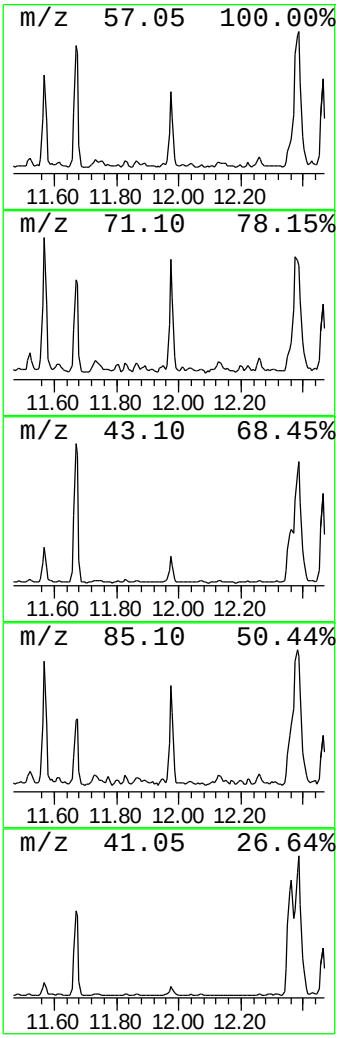
Peak Number 12 Pentadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.97	9.53 ng	367593	Phenanthrene-d10	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	87
2	Heptacosane	380	C27H56	000593-49-7	80
3	Tetradecane, 4-methyl-	212	C15H32	025117-24-2	76
4	Tridecane, 3-methyl-	198	C14H30	006418-41-3	72
5	Sulfurous acid, 2-ethylhexyl iso...	278	C14H30O3S	1000309-19-0	72





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Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NB-08-081817-B

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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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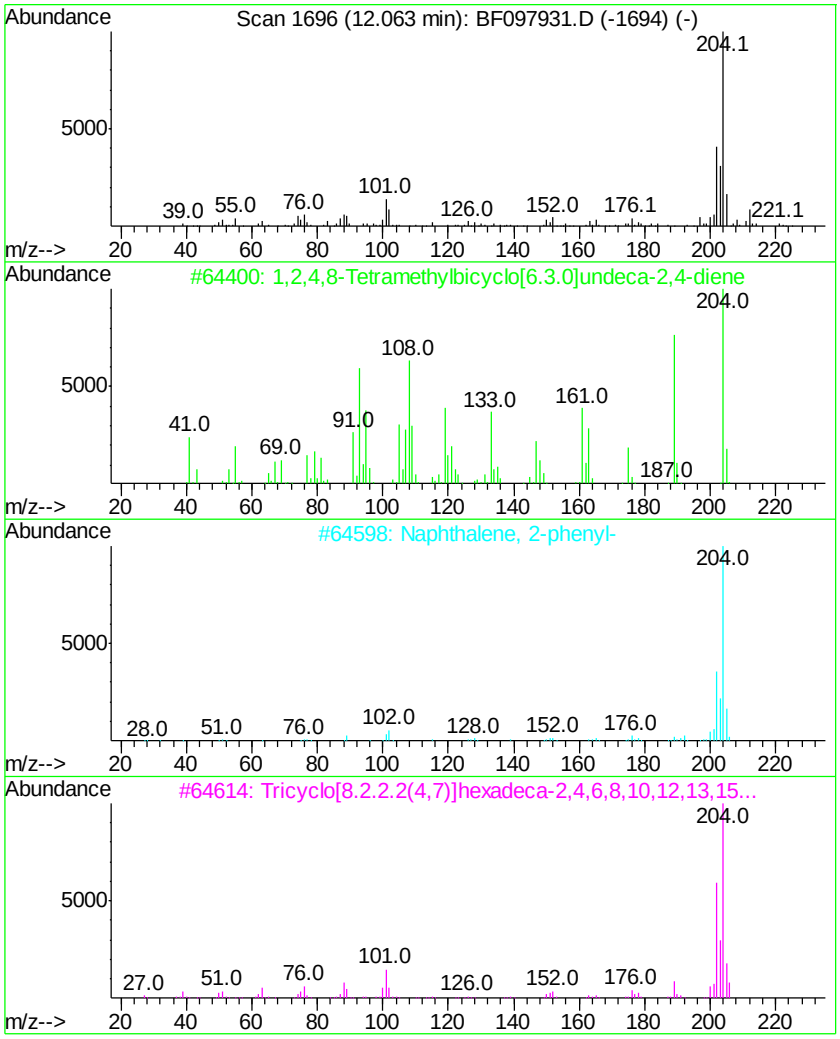
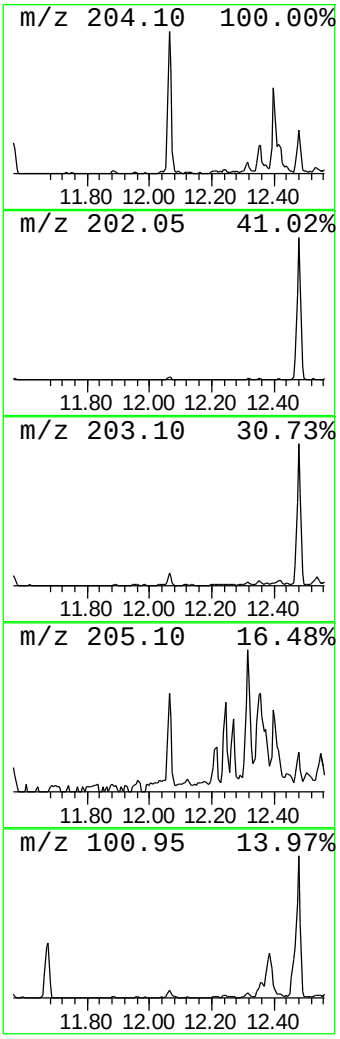
Peak Number 13 1,2,4,8-Tetramethylbicyclo[... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.06	5.19 ng	200186	Phenanthrene-d10	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	86
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	64
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	58
4	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	56
5	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	53





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ClientSampleId : NB-08-081817-B

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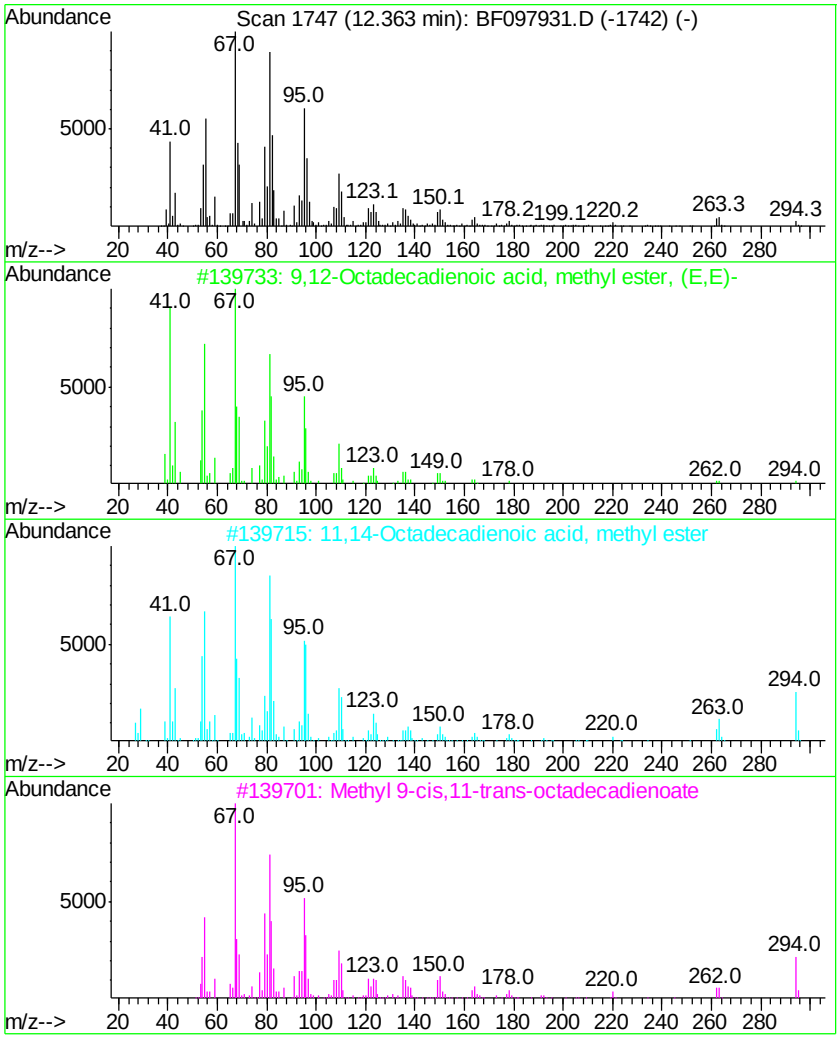
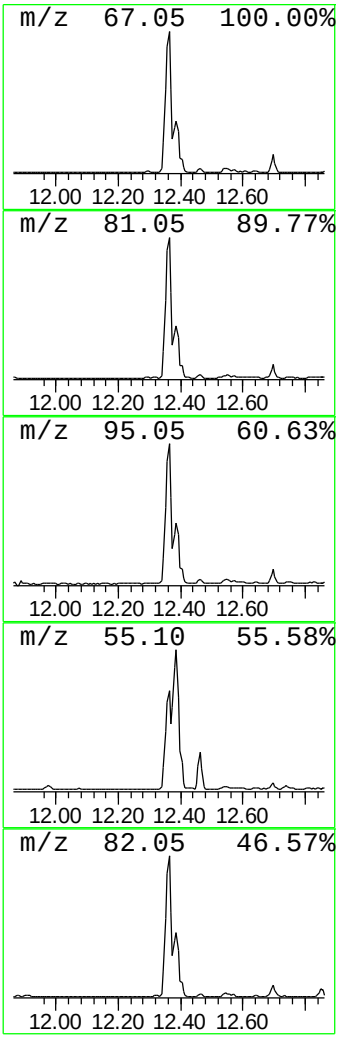
Peak Number 14 9,12-Octadecadienoic acid, ... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.36	170.82 ng	6589560	Phenanthrene-d10	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid, methv...	294	C19H34O2	002566-97-4	99
2	11,14-Octadecadienoic acid, meth...	294	C19H34O2	056554-61-1	96
3	Methyl 9-cis,11-trans-octadecadi...	294	C19H34O2	1000336-44-0	96
4	Methyl 10-trans,12-cis-octadecad...	294	C19H34O2	1000336-44-2	96
5	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	95





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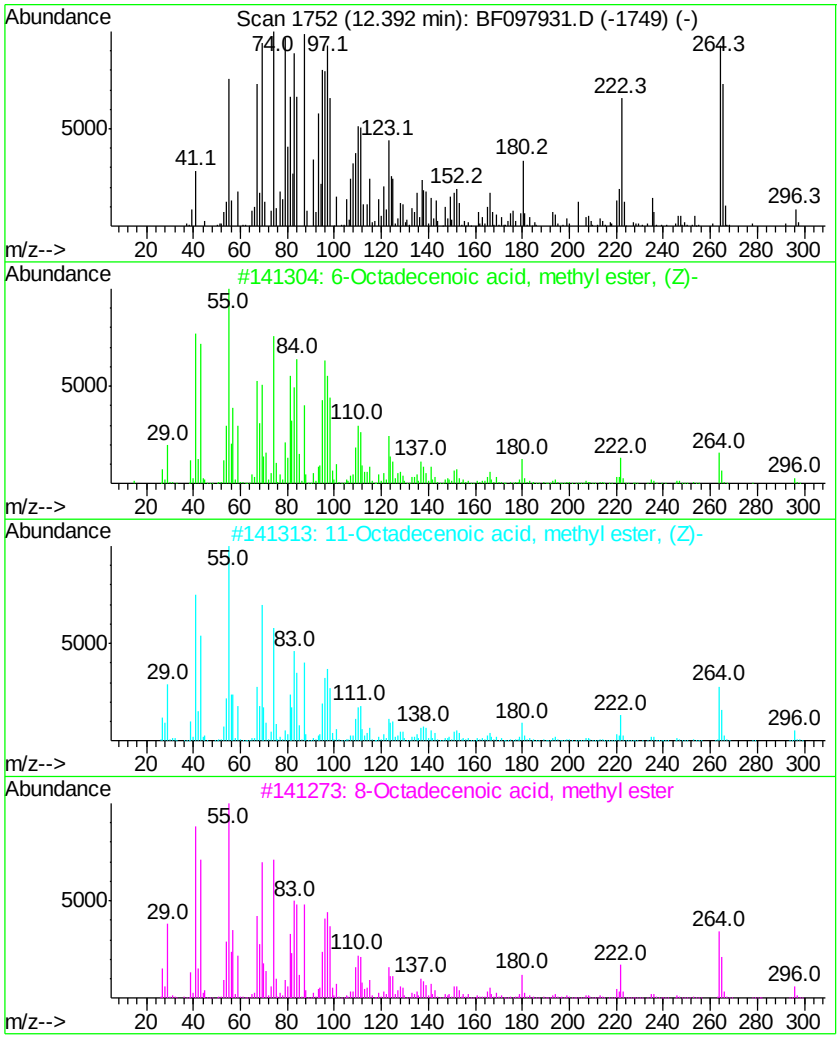
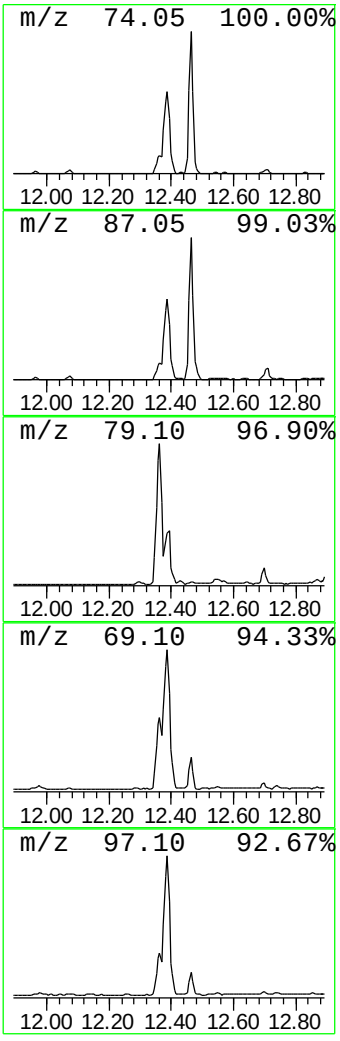
Peak Number 15 6-Octadecenoic acid, methyl... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.39	147.60 ng	5693780	Phenanthrene-d10	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6-Octadecenoic acid, methyl este...	296	C19H36O2	002777-58-4	99
2	11-Octadecenoic acid, methyl est...	296	C19H36O2	001937-63-9	99
3	8-Octadecenoic acid, methyl ester	296	C19H36O2	002345-29-1	99
4	16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	99
5	9-Octadecenoic acid, methyl este...	296	C19H36O2	001937-62-8	99





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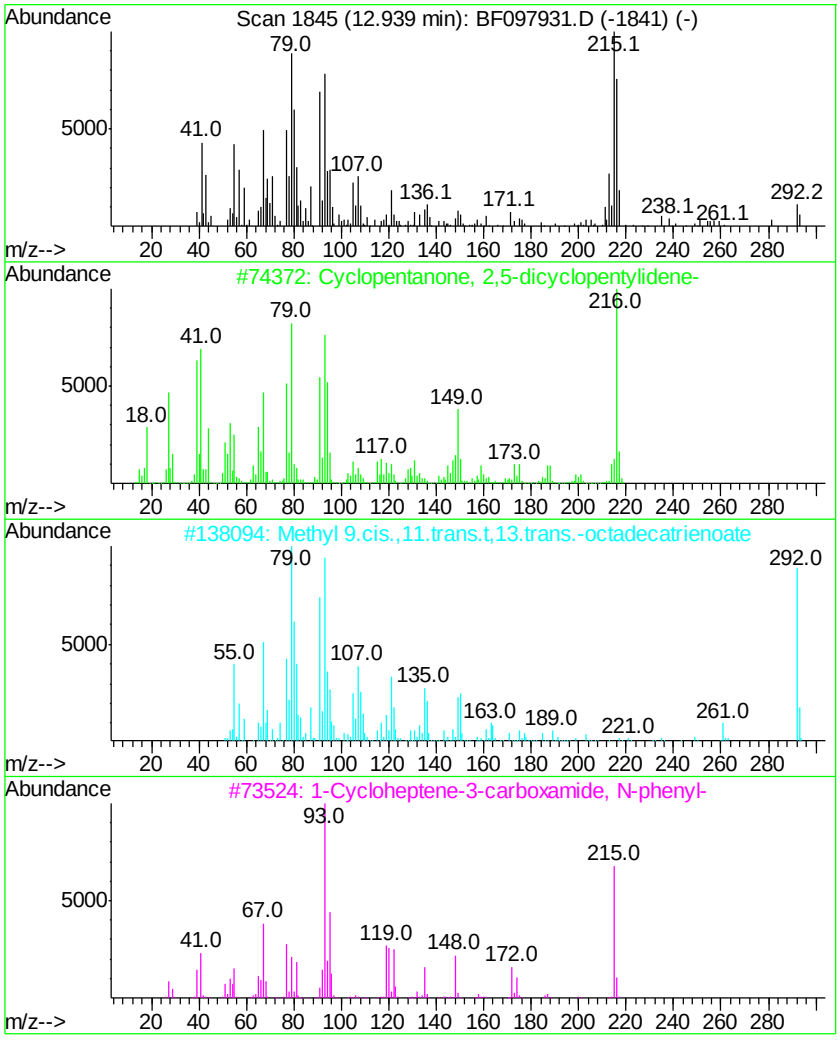
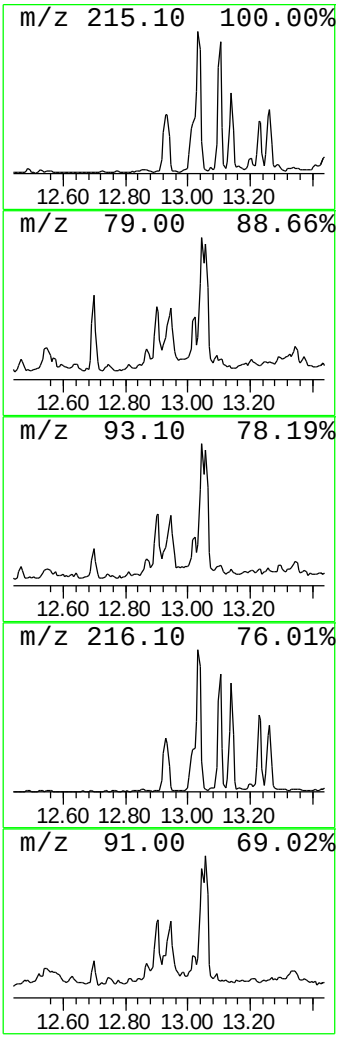
Peak Number 16 unknown12.94 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.94	6.12 ng	418930	Chrysene-d12	13.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentanone, 2,5-dicyclopentyl...	216	C15H20O	005682-82-6	49
2	Methyl 9.cis.,11.trans.t,13.tran...	292	C19H32O2	1000336-42-6	49
3	1-Cycloheptene-3-carboxamide, N-...	215	C14H17NO	1000159-24-4	41
4	Dispiro[2.0.2.2]octane	108	C8H12	021426-37-9	38
5	6,9,12-Octadecatrienoic acid, me...	292	C19H32O2	002676-41-7	38





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Data File : BF097931.D
Acq On : 22 Aug 2017 3:17
Operator : SJ/JU
Sample : I4898-04 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NB-08-081817-B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

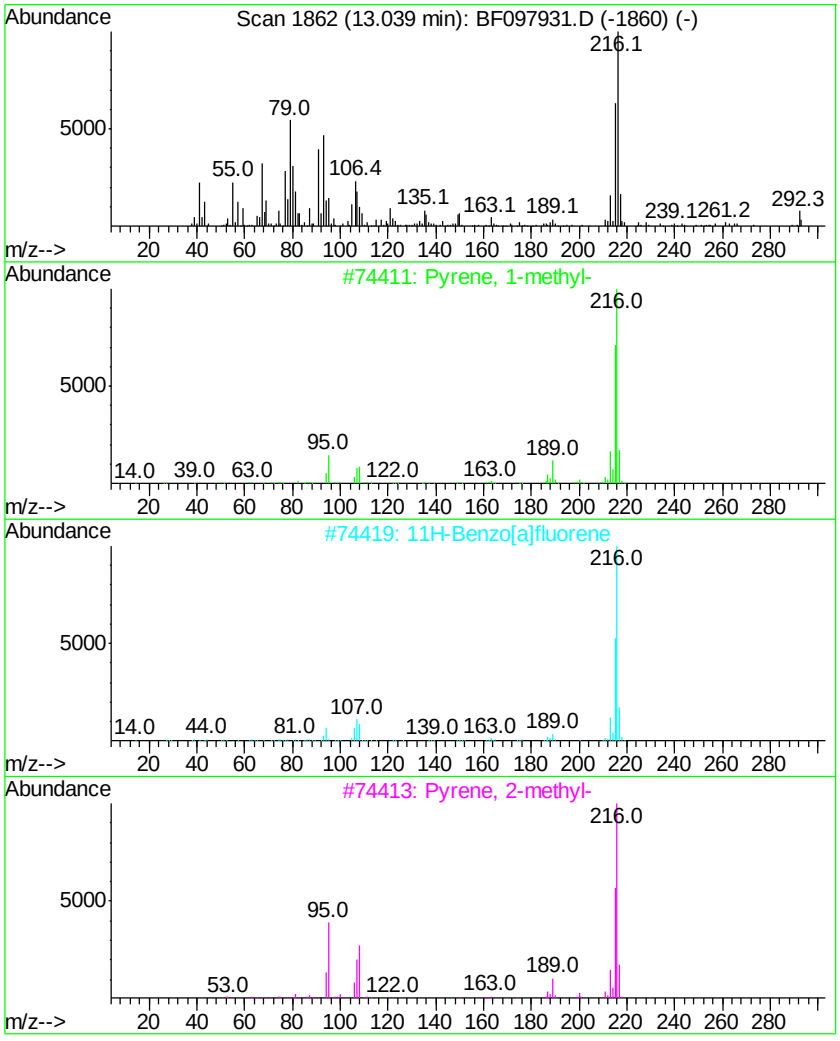
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

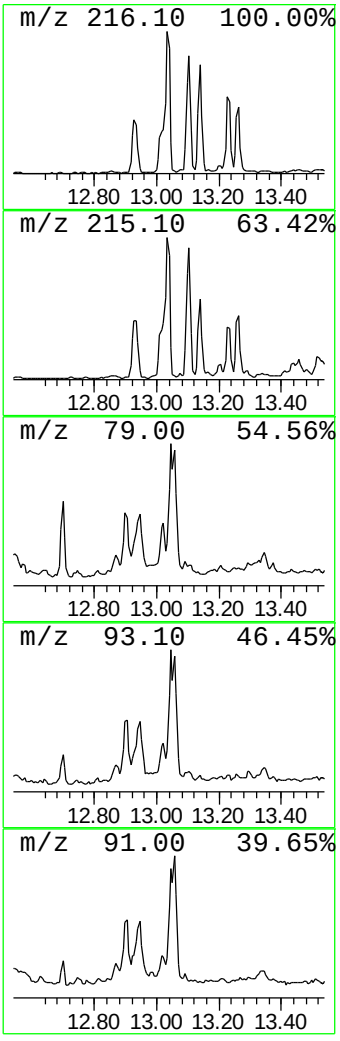
****

Peak Number 17 Pyrene, 1-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.04	8.02 ng	548582	Chrysene-d12	13.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	64
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	50
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	50
4	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	47
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	46





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Operator : SJ/JU
Sample : I4898-04 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NB-08-081817-B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.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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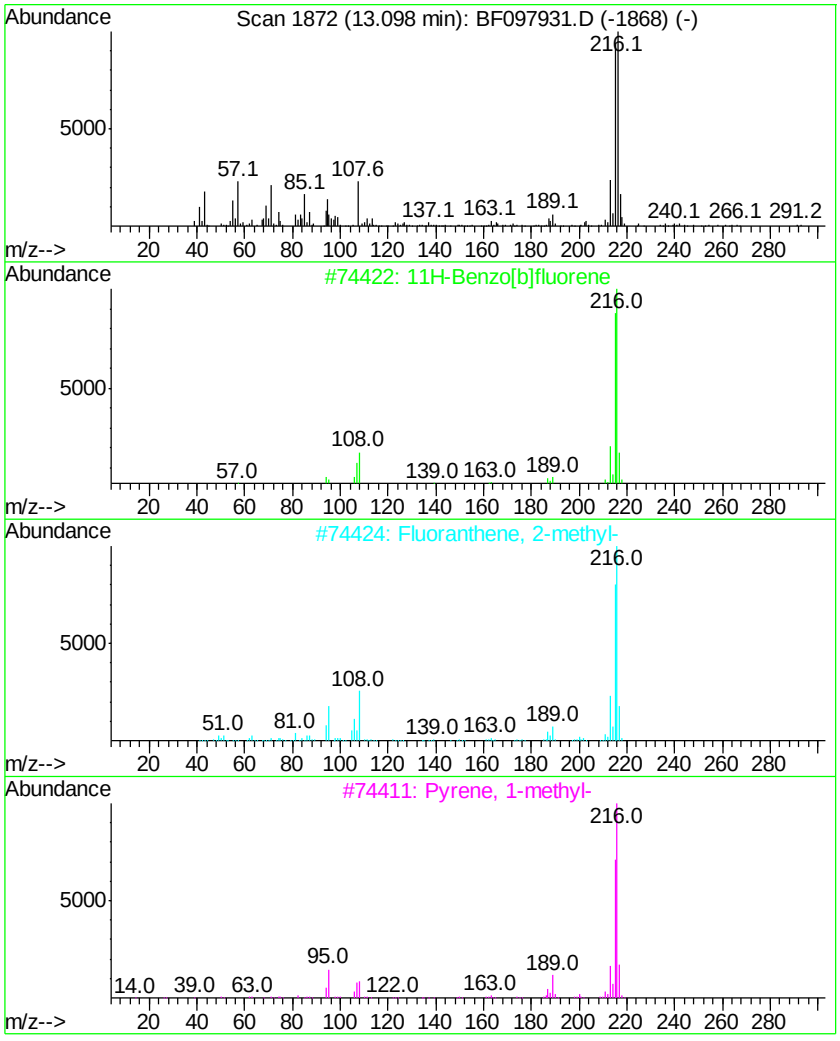
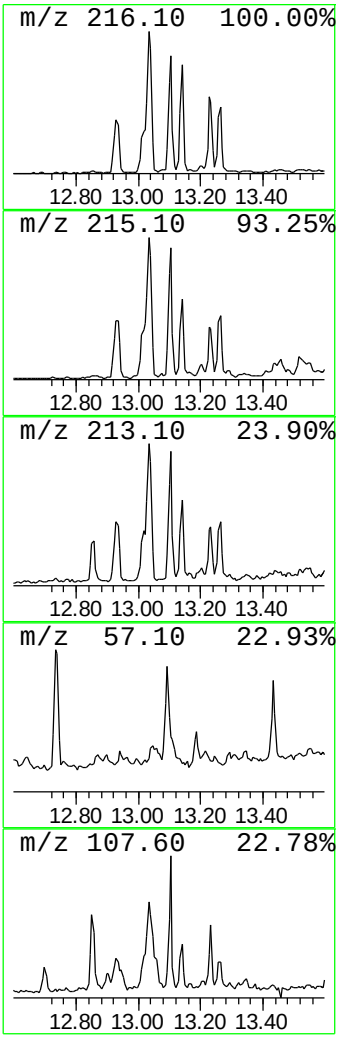
Peak Number 18 11H-Benzo[b]fluorene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.10	7.45 ng	509349	Chrysene-d12	13.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	96
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	81
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	80
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	76
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	64





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Data File : BF097931.D
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Operator : SJ/JU
Sample : I4898-04 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NB-08-081817-B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.M
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TIC Library : C:\DATABASE\NIST11.L
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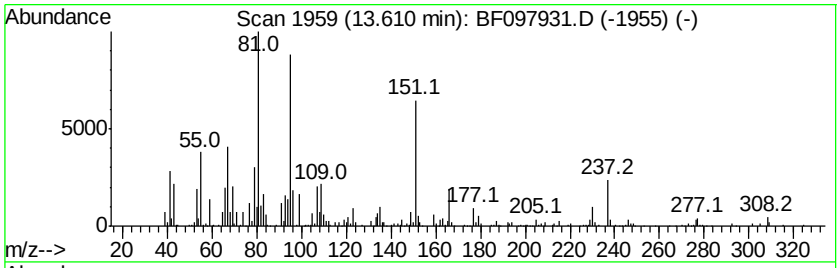
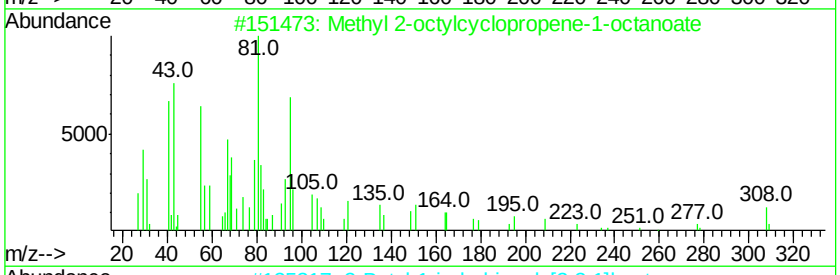
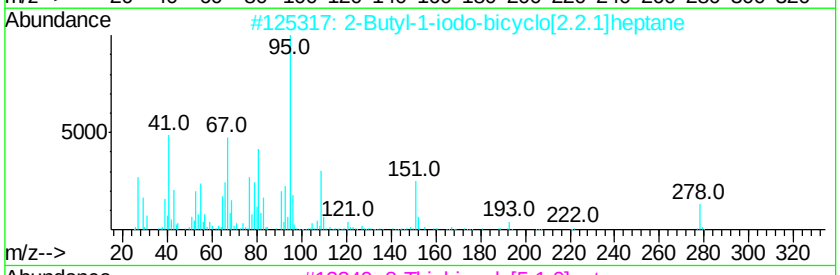
Peak Number 19 unknown13.61 Concentration Rank 14

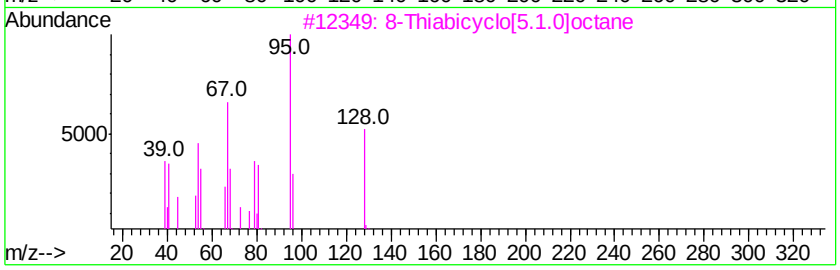
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.61	6.46 ng	441896	Chrysene-d12	13.90

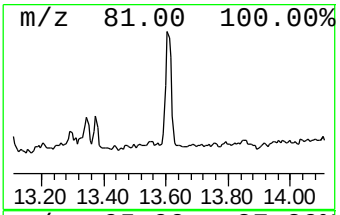
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl 2-octylcyclopropene-1-oct...	308	C20H36O2	003220-60-8	49
2	2-Butyl-1-iodo-bicyclo[2.2.1]hep...	278	C11H19I	1000190-59-7	46
3	8-Thiabicyclo[5.1.0]octane	128	C7H12S	053907-79-2	35
4	Cyclohexene, 3-methyl-6-(1-methy...	138	C10H18	005256-65-5	20
5	5-Octen-2-yn-4-ol	124	C8H12O	1000196-87-1	18

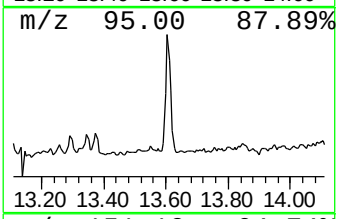


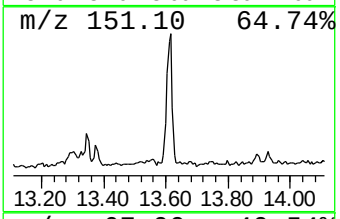


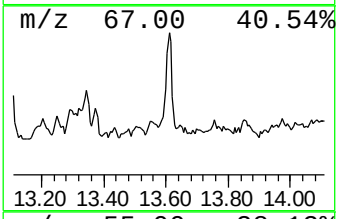


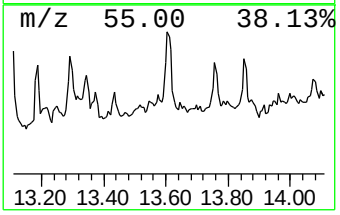












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Instrument : BNA_F
ClientSampleId : NB-08-081817-B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

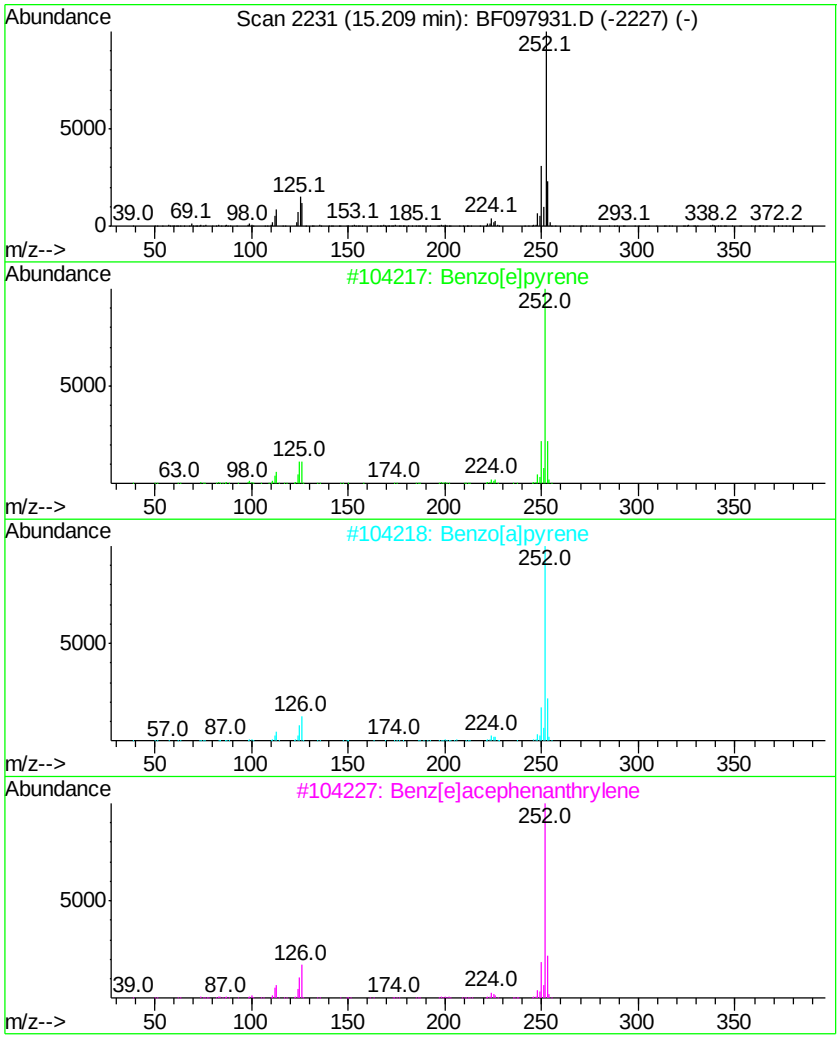
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

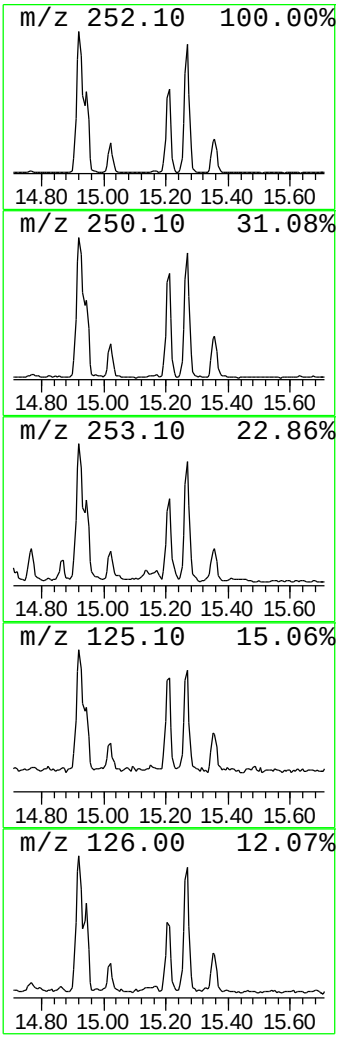
****

Peak Number 20 Benzo[e]pyrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.21	18.76 ng	381251	Perylene-d12	15.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[a]pyrene	252	C20H12	000050-32-8	94
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93
4	Perylene	252	C20H12	000198-55-0	93
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93





Tentatively Identified Compound (LSC) summary

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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...	4.93	4.9	ng	177595	1	6.75	725074	20.0
unknown6.52	6.52	42.9	ng	1556620	1	6.75	725074	20.0
Bacchotricuneatin c	10.22	6.4	ng	271037	3	9.79	852076	20.0
Tetradecane	10.69	13.3	ng	512537	4	11.27	771510	20.0
Dodecane, 4-methyl-	11.15	8.9	ng	343840	4	11.27	771510	20.0
Dodecane, 1-iodo-	11.17	5.6	ng	217536	4	11.27	771510	20.0
Tetracosane	11.57	7.4	ng	286495	4	11.27	771510	20.0
Hexadecanoic acid...	11.67	77.5	ng	2987980	4	11.27	771510	20.0
Phenanthrene, 1-m...	11.80	4.9	ng	190394	4	11.27	771510	20.0
4H-Cyclopenta[def...	11.88	8.9	ng	343121	4	11.27	771510	20.0
Pentadecane	11.97	9.5	ng	367593	4	11.27	771510	20.0
1,2,4,8-Tetrameth...	12.06	5.2	ng	200186	4	11.27	771510	20.0
9,12-Octadecadien...	12.36	170.8	ng	6589560	4	11.27	771510	20.0
6-Octadecenoic ac...	12.39	147.6	ng	5693780	4	11.27	771510	20.0
unknown12.94	12.94	6.1	ng	418930	5	13.90	1368160	20.0
Pyrene, 1-methyl-	13.04	8.0	ng	548582	5	13.90	1368160	20.0
11H-Benzo[b]fluorene	13.10	7.5	ng	509349	5	13.90	1368160	20.0
unknown13.61	13.61	6.5	ng	441896	5	13.90	1368160	20.0
Benzo[e]pyrene	15.21	18.8	ng	381251	6	15.33	406468	20.0