LSC Area Percent Report

Data Path : U:\HPCHEM1\BNA F\DATA\BF012518\
Data File : BF102440.D
Acq On : 25 Jan 2018 22:52
Operator : SJ/JU
Sample : J1289-17
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-54-13.5-14.0

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-BF012218.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	3.699	269	274	280	rVB	40654	61419	1.86%	0.153%
2	4.928	480	483	495	rVB	87104	131044	3.97%	0.326%
3	5.175	522	525	529	rBV	38782	42868	1.30%	0.107%
4	5.287	540	544	548	rBV	96109	140193	4.25%	0.348%
5	5.340	548	553	562	rVB	3064408	3206790	97.19%	7.970%
6	5.551	586	589	596	rVB	59015	57921	1.76%	0.144%
7	5.981	659	662	665	rVB	85689	73035	2.21%	0.182%
8	6.234	702	705	708	rBV	82823	77432	2.35%	0.192%
9	6.269	708	711	714	rVB	48892	43506	1.32%	0.108%
10	6.369	723	728	737	rBV	2979539	3299447	100.00%	8.201%
11	6.493	745	749	752	rBV	3510103	3232008	97.96%	8.033%
12	6.540	754	757	763	rVB2	114616	114211	3.46%	0.284%
13	6.716	784	787	793	rBV	1051011	857616	25.99%	2.132%
14	6.875	809	814	817	rBV	2538714	2339633	70.91%	5.815%
15	6.987	830	833	837	rVB3	47021	53157	1.61%	0.132%
16	7.034	837	841	843	rBV	60353	50268	1.52%	0.125%
17	7.251	874	878	879	rBV	51759	41382	1.25%	0.103%
18	7.287	879	884	887	rVV	2064446	1954168	59.23%	4.857%
19	7.310	887	888	892	rVB	68376	44992	1.36%	0.112%
20	7.463	911	914	916	rBV	53924	41752	1.27%	0.104%
21	7.740	954	961	964	rBV6	34955	60064	1.82%	0.149%
22	7.998	999	1005	1008	rBV	1274844	1148435	34.81%	2.854%
23	8.022	1008	1009	1011	rVB	128475	64641	1.96%	0.161%
24	8.587	1102	1105	1109	rBV3	50481	48490	1.47%	0.121%
25	8.710	1123	1126	1130	rBV	67385	64811	1.96%	0.161%
26	8.810	1140	1143	1146	rVB	59007	51991	1.58%	0.129%
27	9.075	1183	1188	1191	rBV	3026391	2634623	79.85%	6.548%
28	9.151	1198	1201	1203	rBV	82231	62396	1.89%	0.155%
29	9.339	1229	1233	1239	rBV2	38936	51524	1.56%	0.128%
30	9.410	1242	1245	1247	rBV	56241	63313	1.92%	0.157%
31	9.469	1252	1255	1258	rVV	298412	255694	7.75%	0.636%
32	9.528	1262	1265	1270	rBV	44252	47845	1.45%	0.119%
33	9.610	1277	1279	1283	rBV	65016	65901	2.00%	0.164%
34	9.681	1289	1291	1294	rVB	186044	131420	3.98%	0.327%

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Misc :
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Instrument : BNA_F
ClientSampleId : SB-54-13.5-14.0

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-BF012218.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	9.751	1299	1303	1306	rVV2	1239650	1125254	34.10%	2.797%
36	9.786	1306	1309	1313	rVV	269916	259477	7.86%	0.645%
37	9.857	1317	1321	1325	rVB3	30120	50247	1.52%	0.125%
38	9.910	1325	1330	1333	rBV3	57460	79187	2.40%	0.197%
39	9.957	1333	1338	1342	rVV2	130292	147839	4.48%	0.367%
40	9.998	1342	1345	1349	rVB3	51907	57682	1.75%	0.143%
41	10.151	1368	1371	1373	rBV2	42308	44566	1.35%	0.111%
42	10.181	1373	1376	1379	rVB	221275	163224	4.95%	0.406%
43	10.298	1393	1396	1402	rVB	186130	172399	5.23%	0.428%
44	10.386	1409	1411	1417	rBV4	48560	81713	2.48%	0.203%
45	10.457	1420	1423	1426	rVB	67503	62517	1.89%	0.155%
46	10.545	1434	1438	1448	rVB	1652897	1587561	48.12%	3.946%
47	10.651	1453	1456	1465	rVB	164754	206357	6.25%	0.513%
48	10.845	1485	1489	1492	rBV2	59783	79005	2.39%	0.196%
49	10.998	1513	1515	1519	rVB2	40736	36828	1.12%	0.092%
50	11.045	1520	1523	1527	rVB2	46180	39948	1.21%	0.099%
51	11.098	1527	1532	1535	rBV3	109302	134690	4.08%	0.335%
52	11.133	1535	1538	1543	rVB2	102623	101439	3.07%	0.252%
53	11.239	1552	1556	1558	rBV	1037314	942076	28.55%	2.342%
54	11.263	1558	1560	1563	rVV	1374429	1013573	30.72%	2.519%
55	11.316	1566	1569	1572	rVV	406942	368755	11.18%	0.917%
56	11.351	1572	1575	1577	rVB2	39195	43682	1.32%	0.109%
57	11.475	1591	1596	1602	rBV2	128644	177322	5.37%	0.441%
58	11.528	1603	1605	1610	rVV2	68477	79266	2.40%	0.197%
59	11.569	1610	1612	1619	rVV5	30677	54688	1.66%	0.136%
60	11.739	1638	1641	1643	rBV	189840	159816	4.84%	0.397%
61	11.769	1643	1646	1649	rVB	257364	206443	6.26%	0.513%
62	11.816	1651	1654	1657	rBV	119127	102797	3.12%	0.256%
63	11.851	1657	1660	1662	rBV	367884	363084	11.00%	0.902%
64	12.033	1689	1691	1694	rVB	130405	96868	2.94%	0.241%
65	12.063	1694	1696	1700	rVB	63878	50365	1.53%	0.125%
66	12.180	1714	1716	1719	rVB2	58563	47940	1.45%	0.119%
67	12.216	1720	1722	1724	rVV	53293	39820	1.21%	0.099%
68	12.286	1732	1734	1737	rBV	111293	98728	2.99%	0.245%
69	12.327	1739	1741	1743	rVB2	87096	65371	1.98%	0.162%
70	12.380	1747	1750	1755	rVB2	67085	89926	2.73%	0.224%
71	12.457	1759	1763	1766	rVV	1802119	1707053	51.74%	4.243%

LSC Area Percent Report

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ClientSampleId : SB-54-13.5-14.0

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	12.486	1766	1768	1771	rVB	452753	406302	12.31%	1.010%
73	12.686	1795	1802	1807	rBV	1652246	1929827	58.49%	4.797%
74	12.798	1819	1821	1822	rBV	118926	97734	2.96%	0.243%
75	12.822	1822	1825	1833	rVB	1542596	1688247	51.17%	4.196%
76	13.010	1855	1857	1860	rVB	270300	216632	6.57%	0.538%
77	13.074	1866	1868	1871	rBV	246595	212876	6.45%	0.529%
78	13.657	1965	1967	1969	rBV	141392	116693	3.54%	0.290%
79	13.721	1975	1978	1982	rVB3	304345	349276	10.59%	0.868%
80	13.874	2000	2004	2008	rBV2	985061	1549308	46.96%	3.851%
81	13.910	2008	2010	2017	rVB	813647	696010	21.09%	1.730%
82	14.904	2176	2179	2182	rBV	496390	725229	21.98%	1.803%
83	15.192	2226	2228	2234	rVB	295318	370281	11.22%	0.920%
84	15.257	2235	2239	2244	rVB	556046	719912	21.82%	1.789%
85	15.316	2246	2249	2252	rBV	378926	403589	12.23%	1.003%

Sum of corrected areas: 40233412

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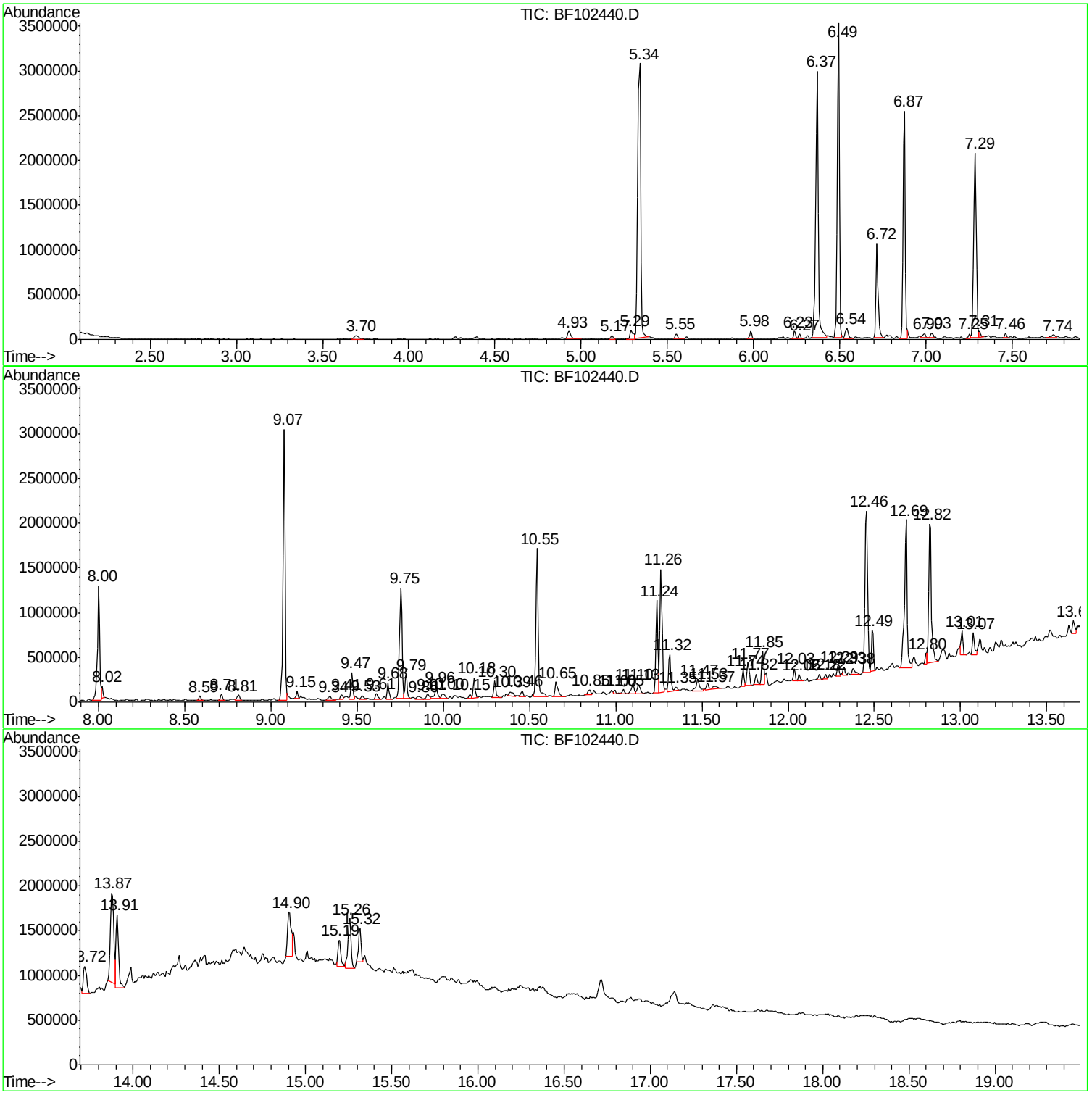
Instrument :
BNA_F
ClientSampleId :
SB-54-13.5-14.0

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : U:\HPCHEM1\BNA F\DATA\BF012518\
Data File : BF102440.D
Acq On : 25 Jan 2018 22:52
Operator : SJ/JU
Sample : J1289-17
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-54-13.5-14.0

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

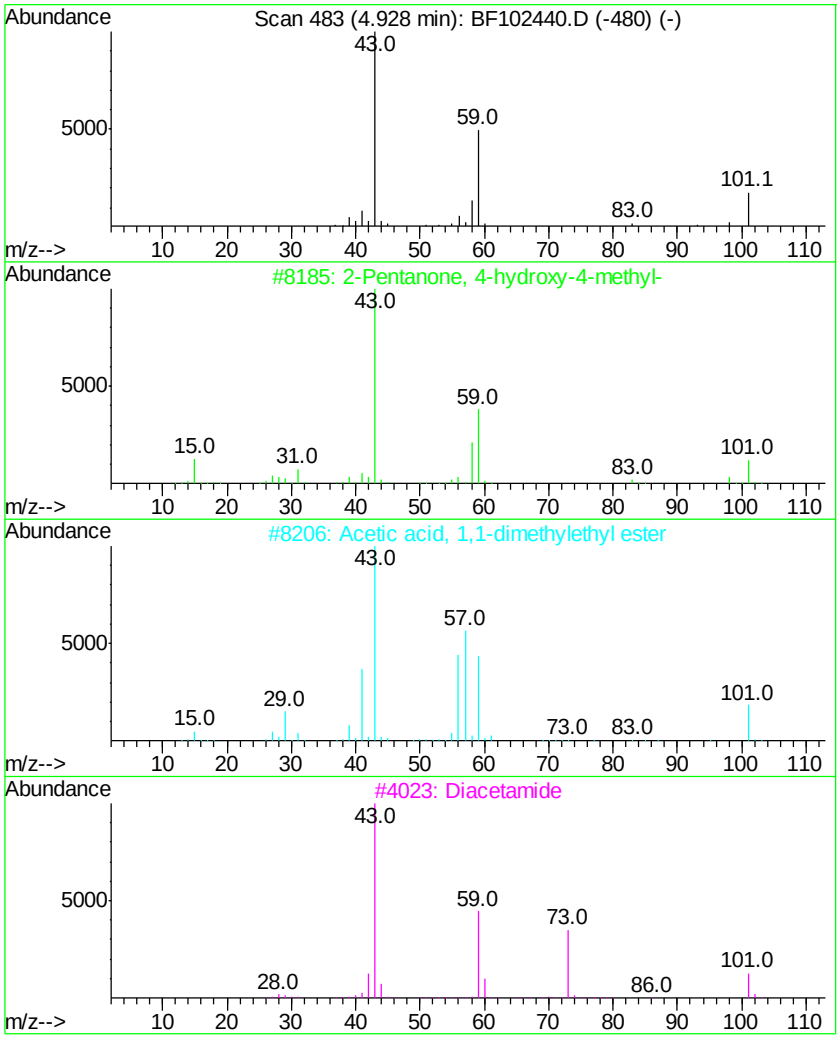
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

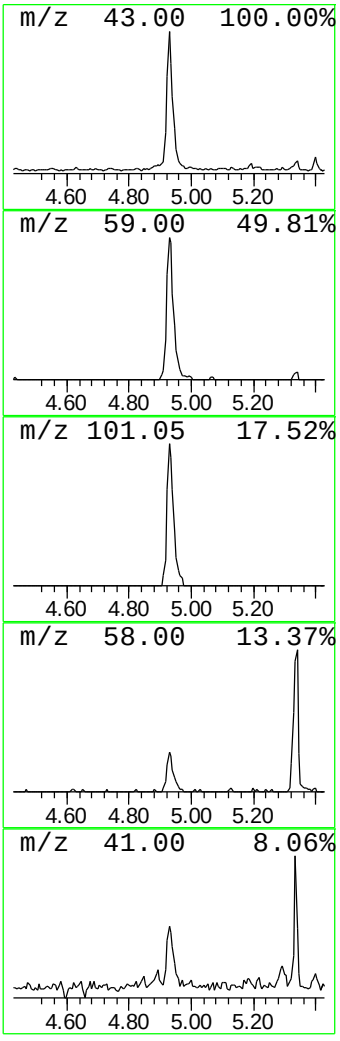
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.93	3.06 ng	131044	1,4-Dichlorobenzene-d4	6.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	45
3	Diacetamide	101	C4H7NO2	000625-77-4	9
4	Butane	58	C4H10	000106-97-8	9
5	Propylamine	59	C3H9N	000107-10-8	9





Library Search Compound Report

Data Path : U:\HPCHEM1\BNA F\DATA\BF012518\
Data File : BF102440.D
Acq On : 25 Jan 2018 22:52
Operator : SJ/JU
Sample : J1289-17
Misc :
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Instrument :
BNA_F
ClientSampleId :
SB-54-13.5-14.0

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

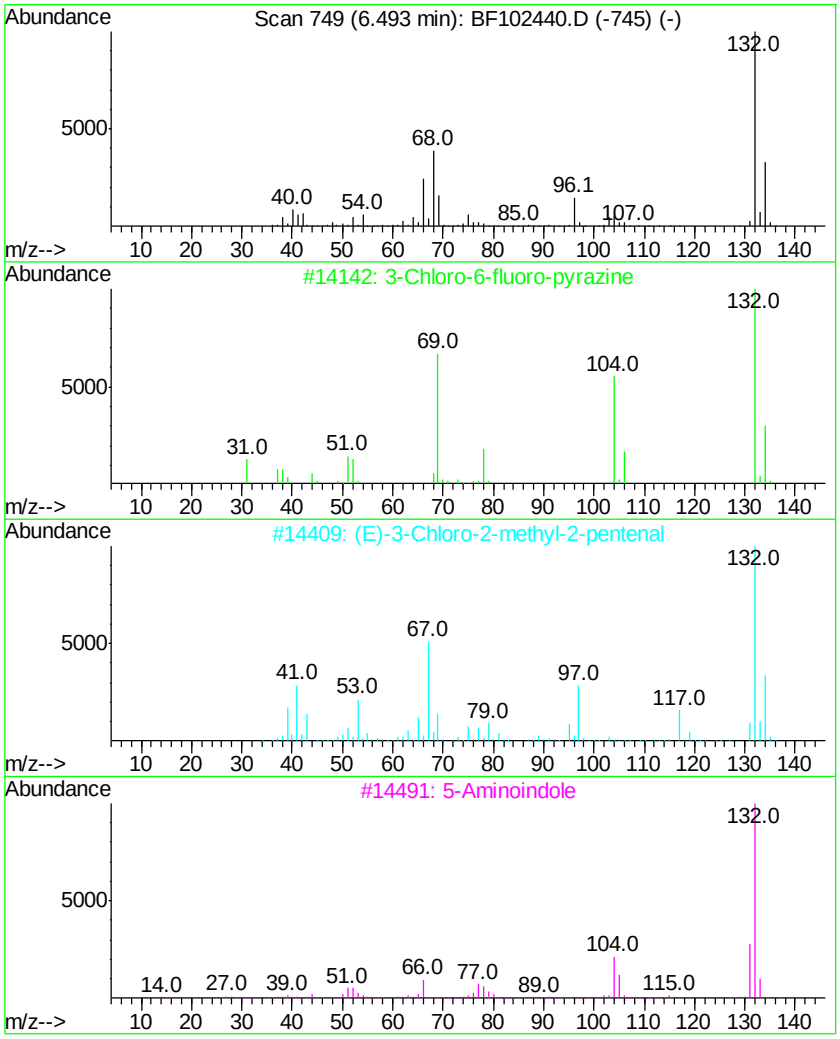
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

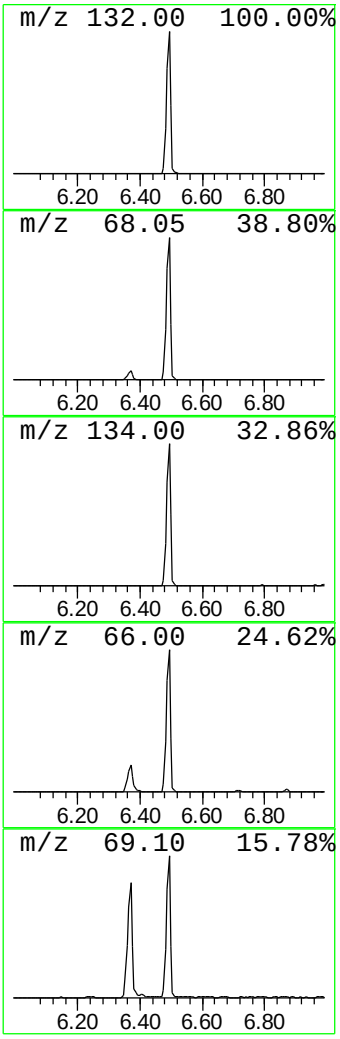
****

Peak Number 3 unknown6.49 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.49	75.37 ng	3232010	1,4-Dichlorobenzene-d4	6.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9





Library Search Compound Report

Data Path : U:\HPCHEM1\BNA F\DATA\BF012518\
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Instrument : BNA_F
ClientSampleId : SB-54-13.5-14.0

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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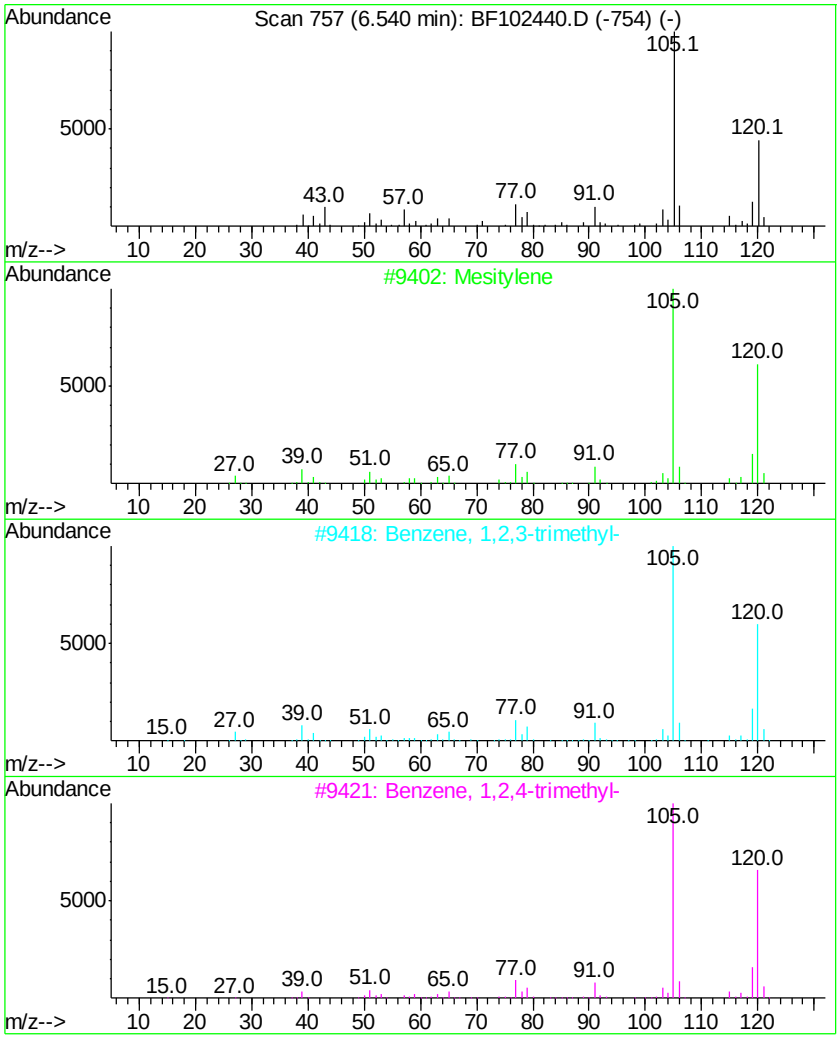
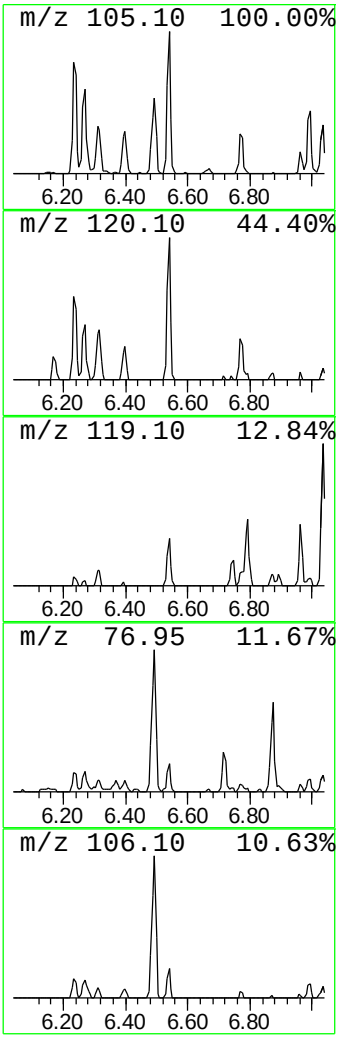
Peak Number 4 Mesitylene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.54	2.66 ng	114211	1,4-Dichlorobenzene-d4	6.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Mesitylene	120	C9H12	000108-67-8	97
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90
5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	90





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ClientSampleId : SB-54-13.5-14.0

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
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TIC Library : C:\DATABASE\NIST11.L
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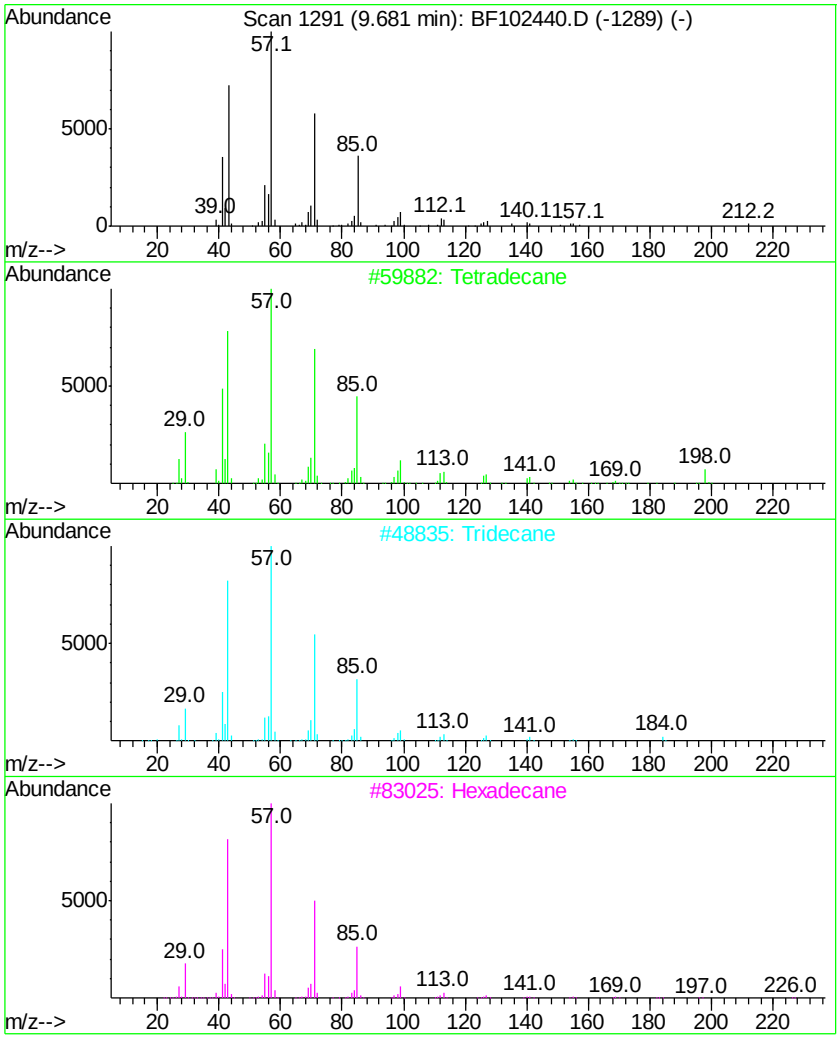
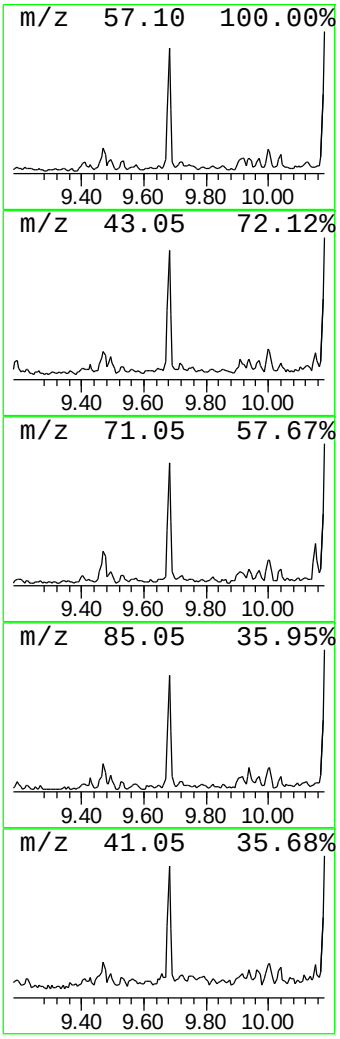
Peak Number 6 Tetradecane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.68	2.34 ng	131420	Acenaphthene-d10	9.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	90
2	Tridecane	184	C13H28	000629-50-5	86
3	Hexadecane	226	C16H34	000544-76-3	86
4	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	78
5	1-Decene, 4-methyl-	154	C11H22	013151-29-6	53





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Acq On : 25 Jan 2018 22:52
Operator : SJ/JU
Sample : J1289-17
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-54-13.5-14.0

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.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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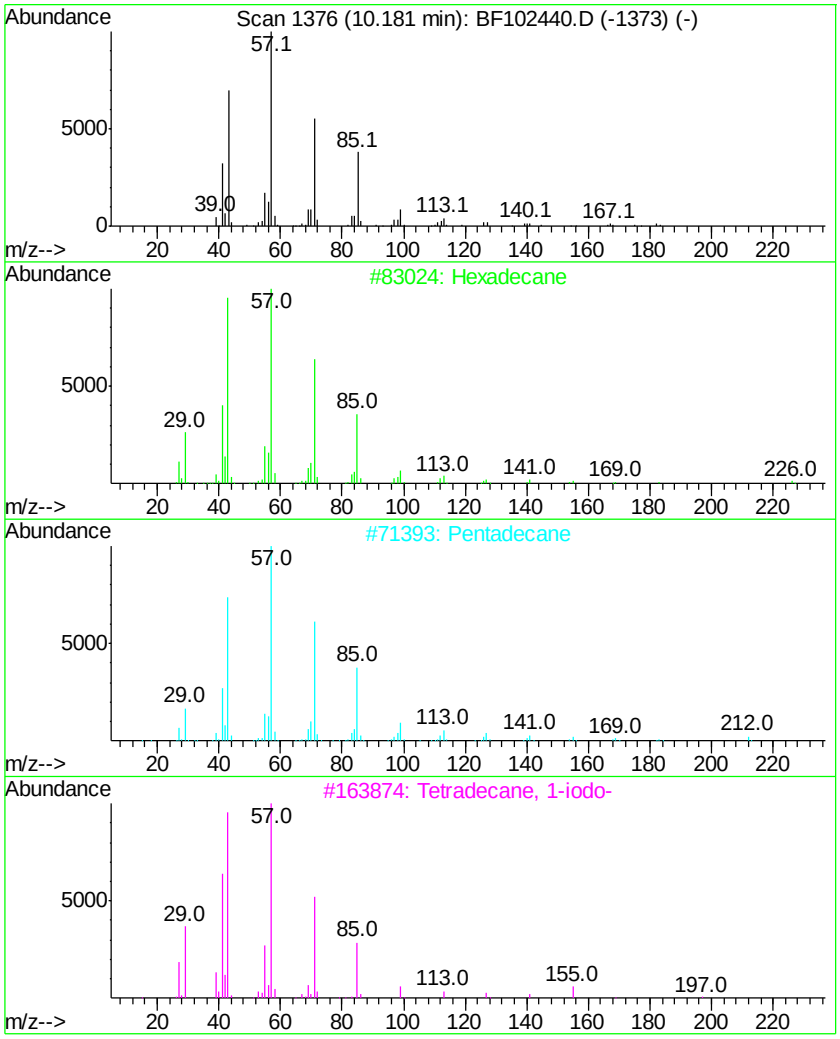
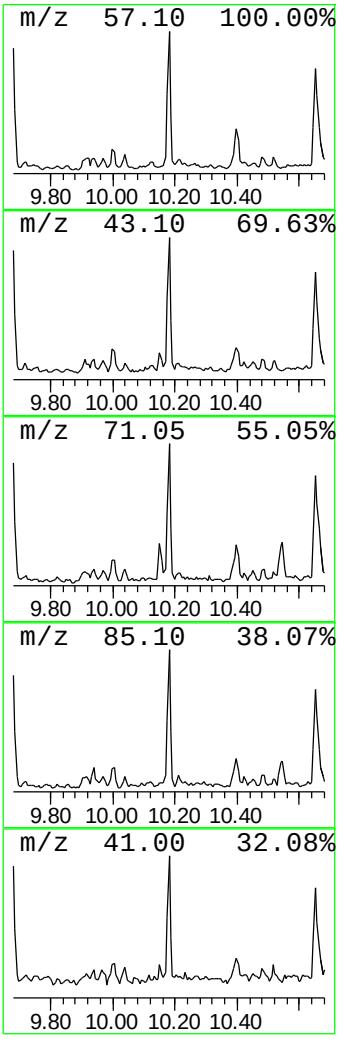
Peak Number 7 Hexadecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.18	2.90 ng	163224	Acenaphthene-d10	9.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	90
2	Pentadecane	212	C15H32	000629-62-9	90
3	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	78
4	Tridecane	184	C13H28	000629-50-5	72
5	Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	72





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Data File : BF102440.D
Acq On : 25 Jan 2018 22:52
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Sample : J1289-17
Misc :
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Instrument : BNA_F
ClientSampleId : SB-54-13.5-14.0

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.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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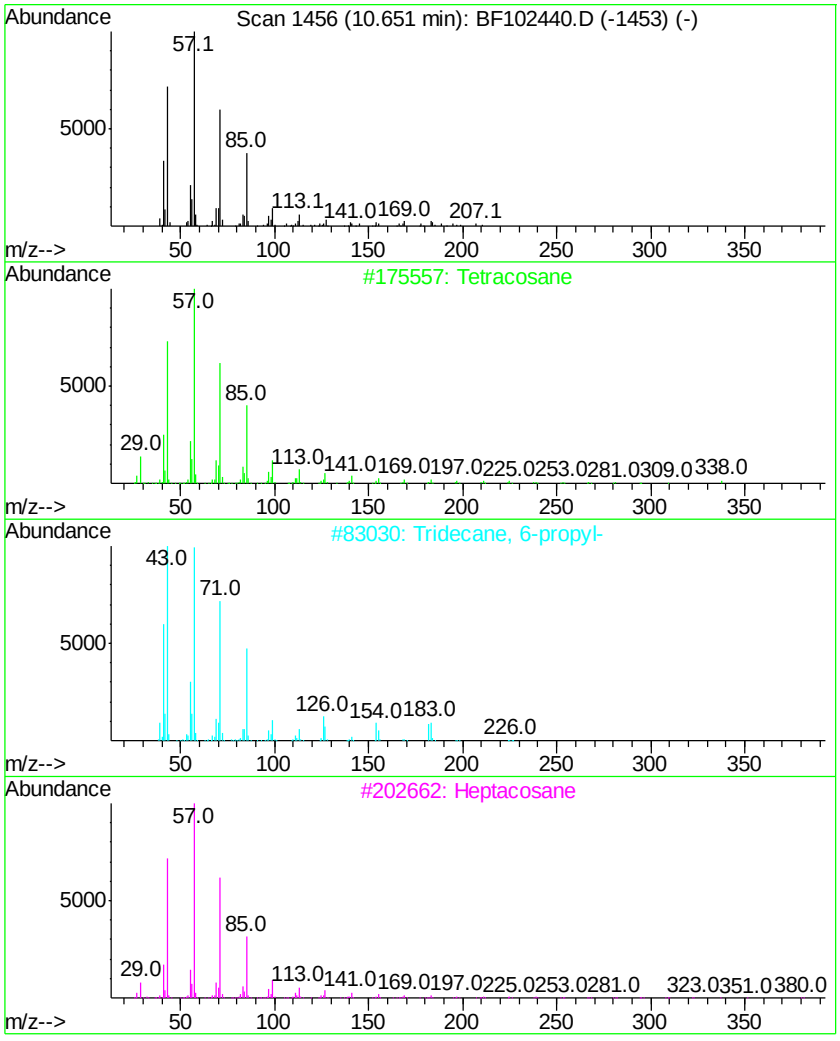
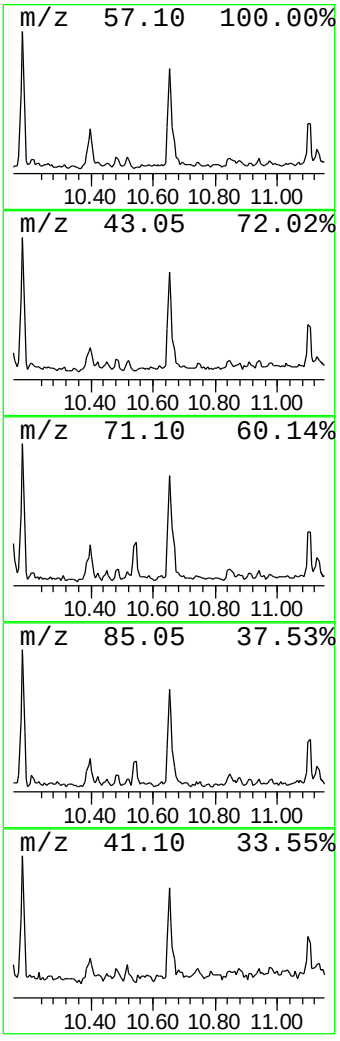
Peak Number 8 Tetracosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.65	4.38 ng	206357	Phenanthrene-d10	11.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	91
2	Tridecane, 6-propyl-	226	C16H34	055045-10-8	90
3	Heptacosane	380	C27H56	000593-49-7	90
4	Heptadecane	240	C17H36	000629-78-7	90
5	Tridecane	184	C13H28	000629-50-5	87





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Acq On : 25 Jan 2018 22:52
Operator : SJ/JU
Sample : J1289-17
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-54-13.5-14.0

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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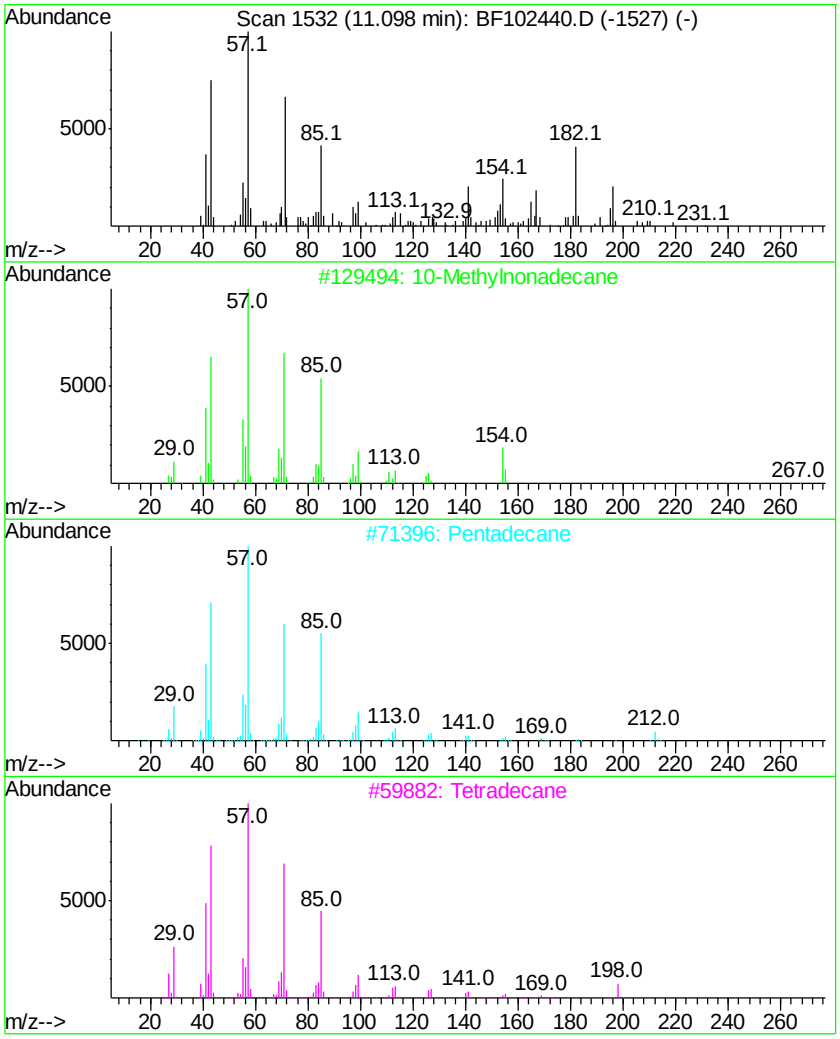
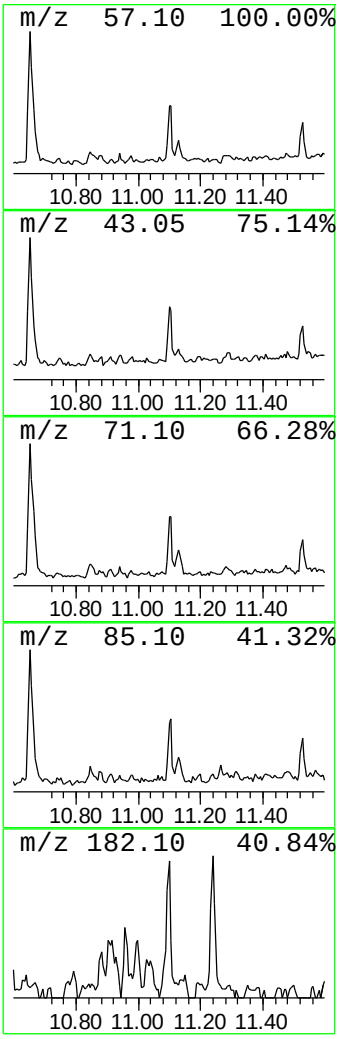
Peak Number 9 unknown11.10 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.10	2.86 ng	134690	Phenanthrene-d10	11.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	10-Methylnonadecane	282	C20H42	056862-62-5	38
2	Pentadecane	212	C15H32	000629-62-9	30
3	Tetradecane	198	C14H30	000629-59-4	30
4	Octacosane	394	C28H58	000630-02-4	30
5	Heptadecane	240	C17H36	000629-78-7	25





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Instrument : BNA_F
ClientSampleId : SB-54-13.5-14.0

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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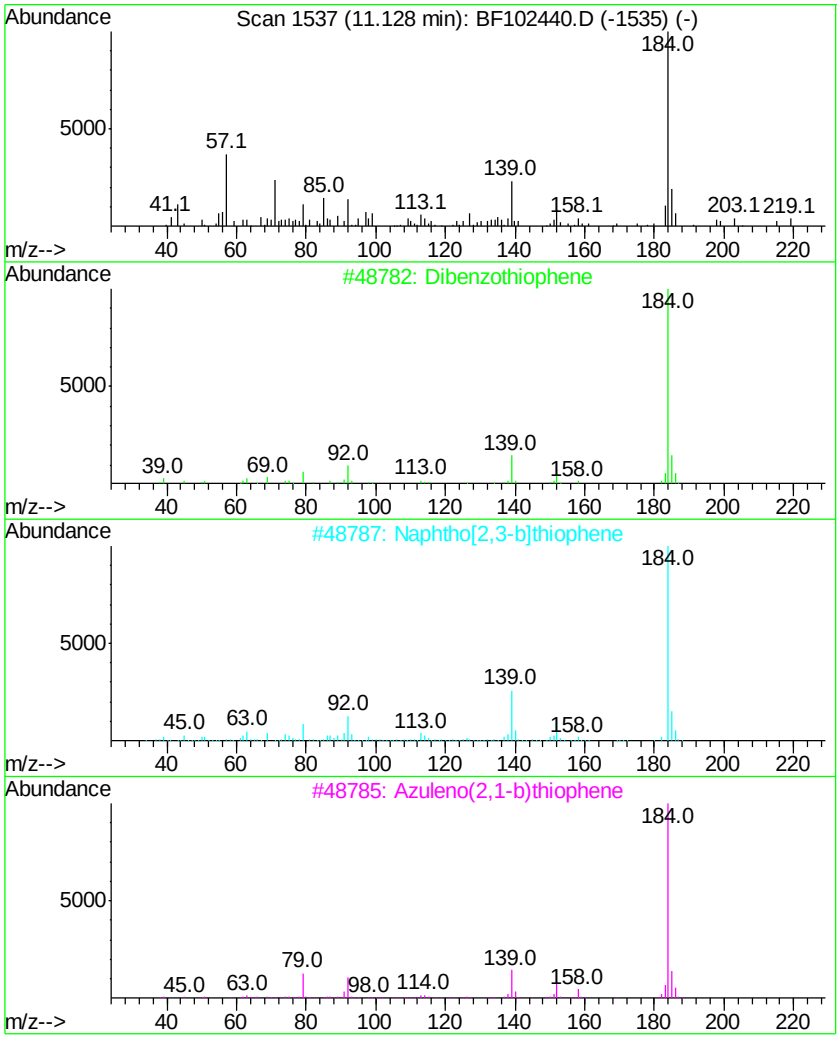
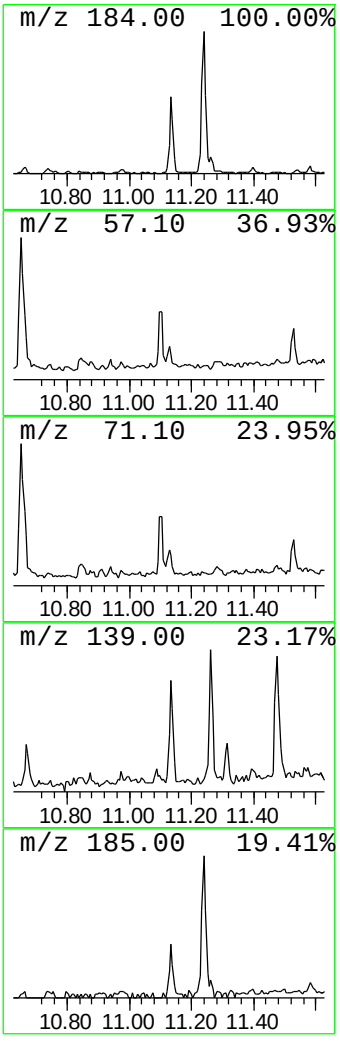
Peak Number 10 Dibenzothiophene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.13	2.15 ng	101439	Phenanthrene-d10	11.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	97
2	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	93
3	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	91
4	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	91
5	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	87





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Operator : SJ/JU
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ClientSampleId : SB-54-13.5-14.0

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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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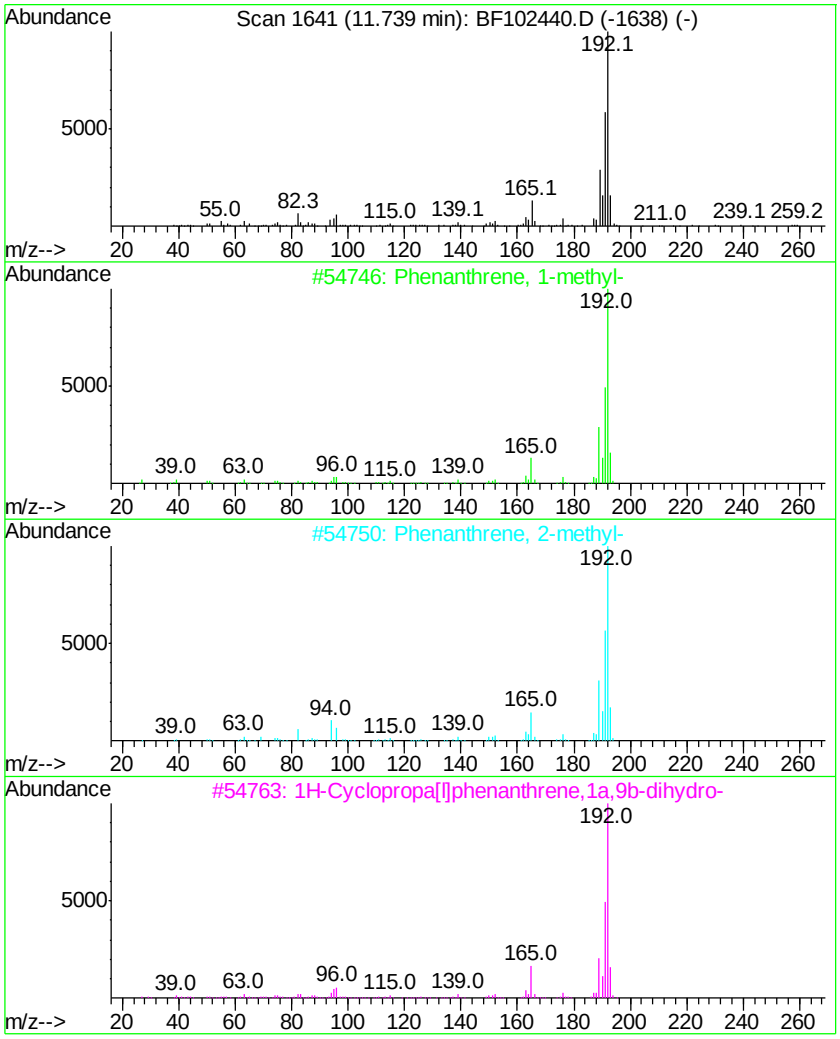
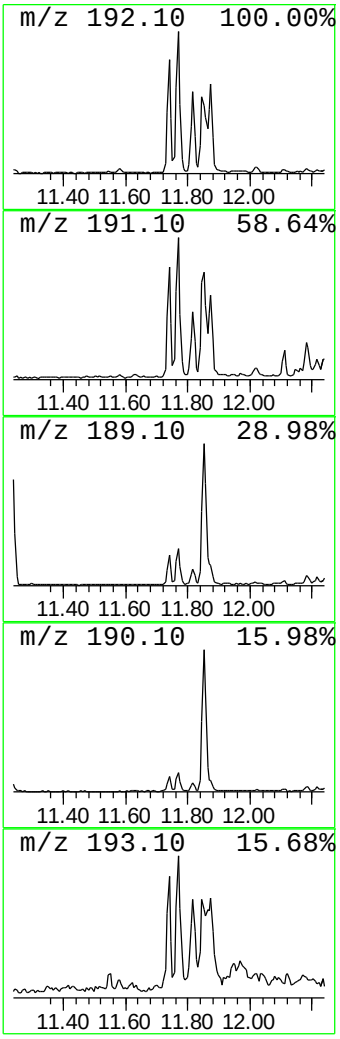
Peak Number 11 Phenanthrene, 1-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.74	3.39 ng	159816	Phenanthrene-d10	11.24

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, 2-methyl-	192	C15H12	000613-12-7	95
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	94





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Operator : SJ/JU
Sample : J1289-17
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-54-13.5-14.0

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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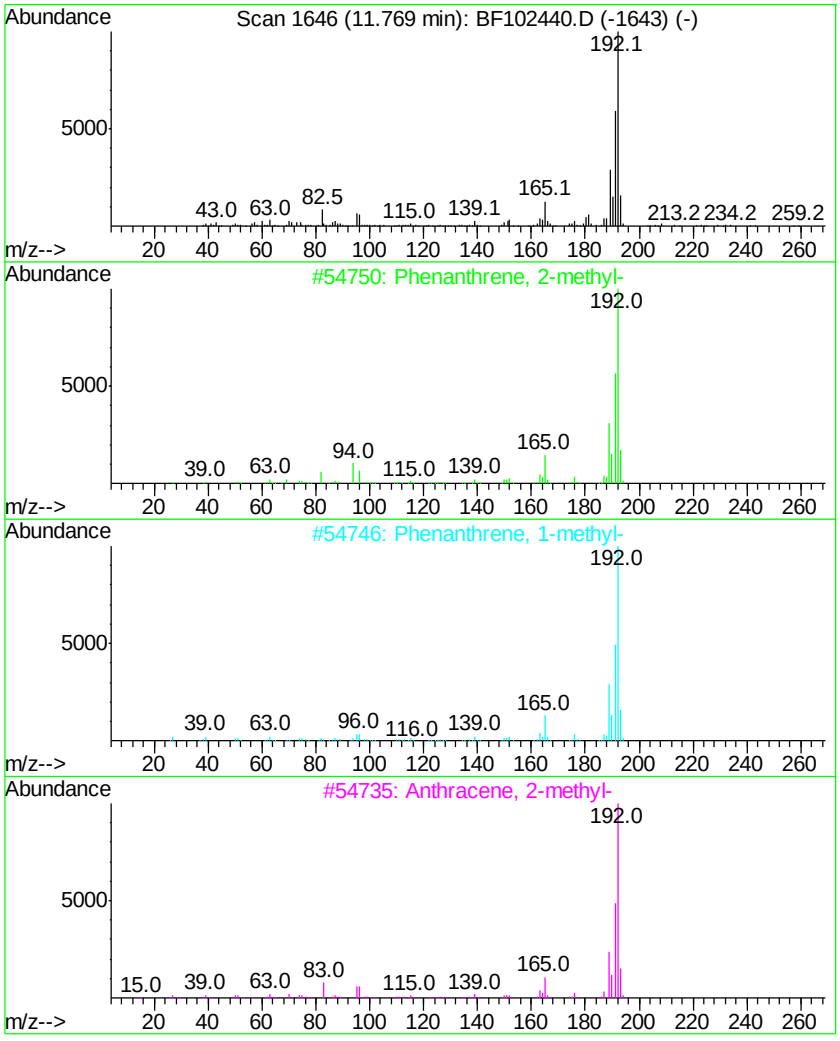
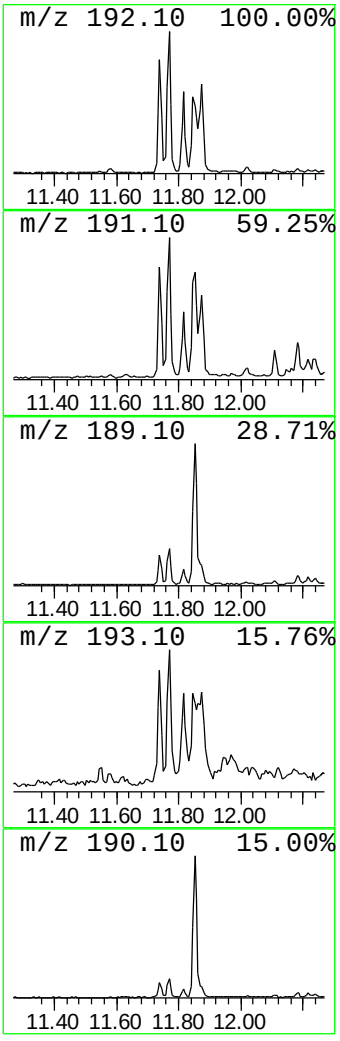
Peak Number 12 Phenanthrene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.77	4.38 ng	206443	Phenanthrene-d10	11.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	94





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Operator : SJ/JU
Sample : J1289-17
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ALS Vial : 11 Sample Multiplier: 1

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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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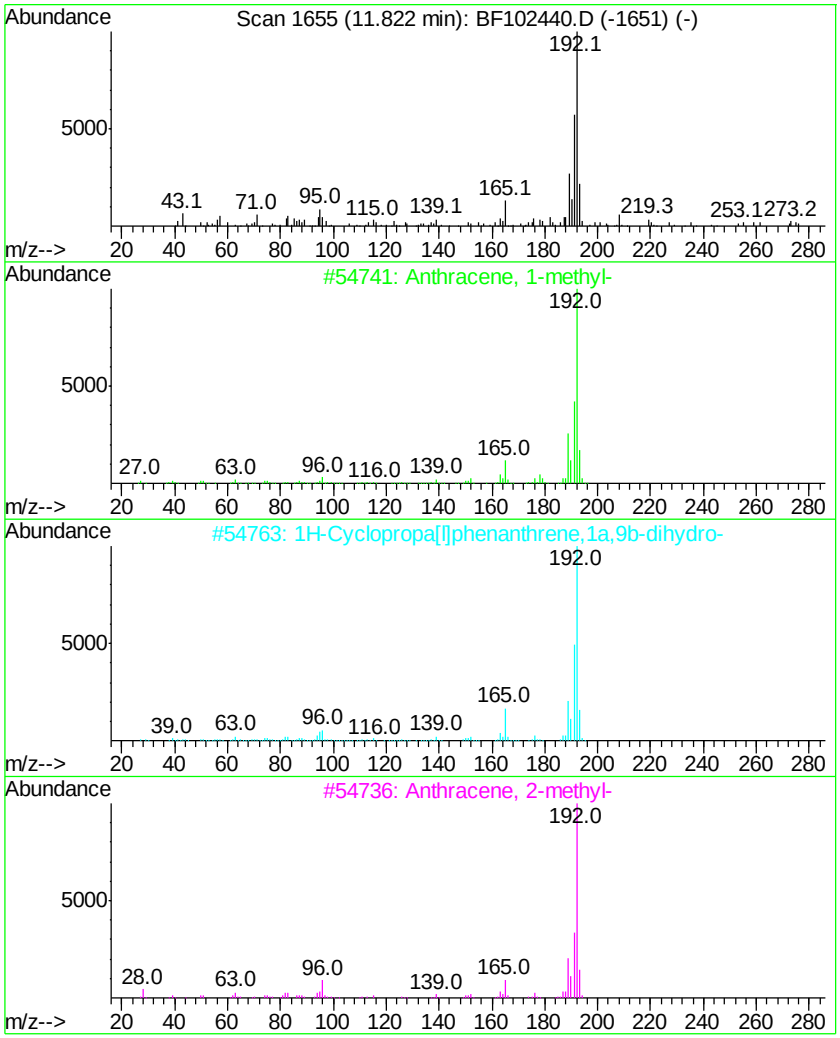
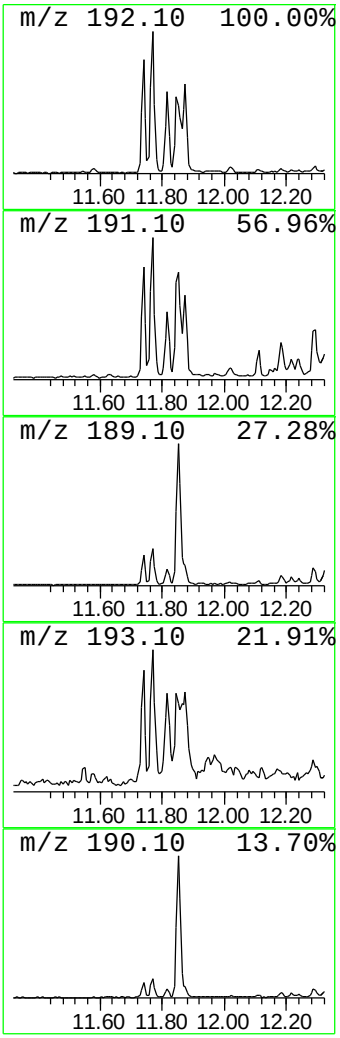
Peak Number 13 Anthracene, 1-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.82	2.18 ng	102797	Phenanthrene-d10	11.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91





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ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-54-13.5-14.0

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.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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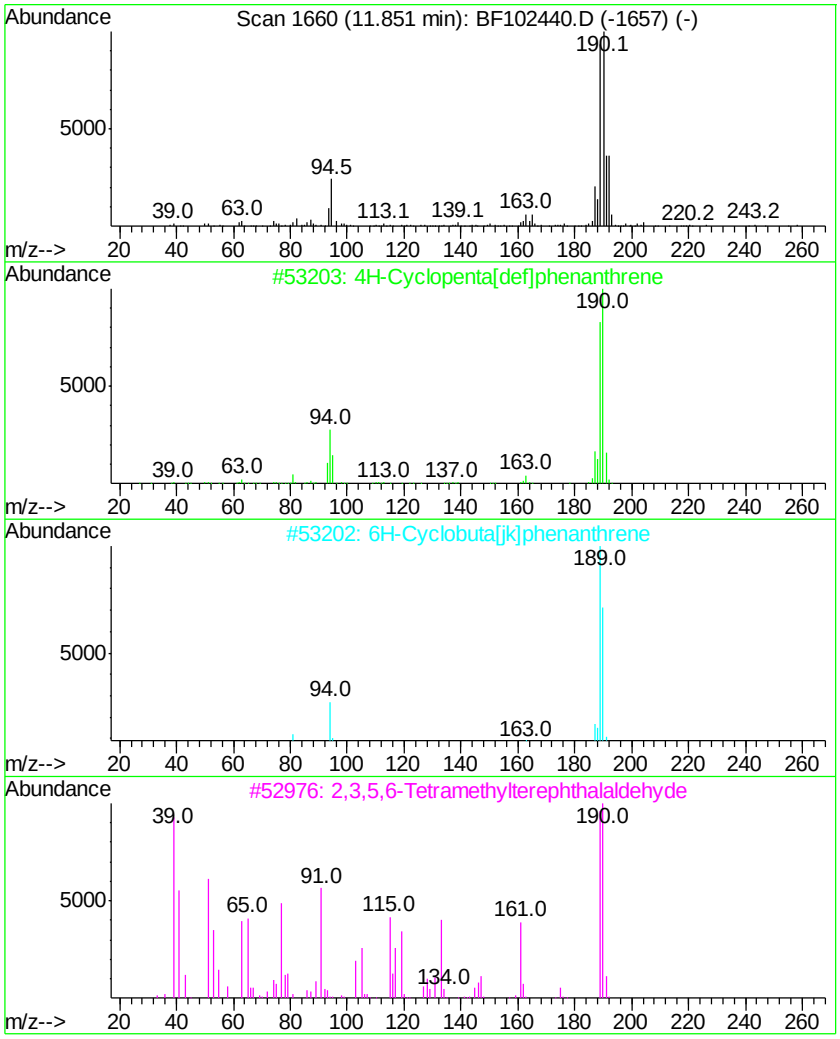
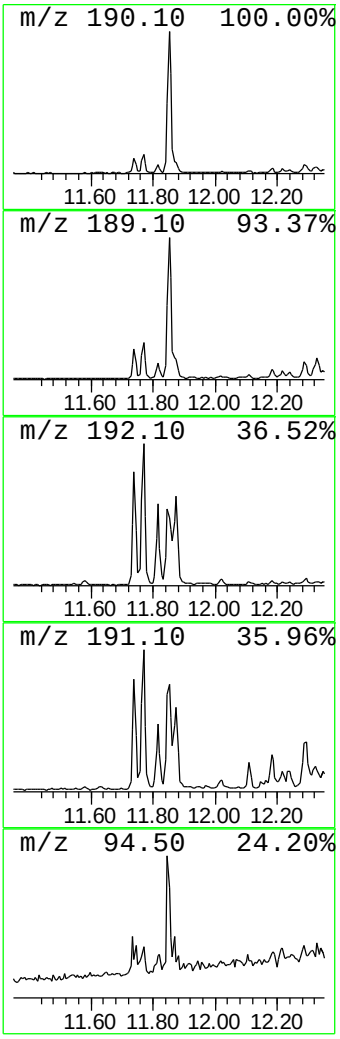
Peak Number 14 4H-Cyclopenta[def]phenanthrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.85	7.71 ng	363084	Phenanthrene-d10	11.24

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	50
3	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	47
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	45
5	Megastigmatrienone	190	C13H18O	038818-55-2	25





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Sample : J1289-17
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Instrument : BNA_F
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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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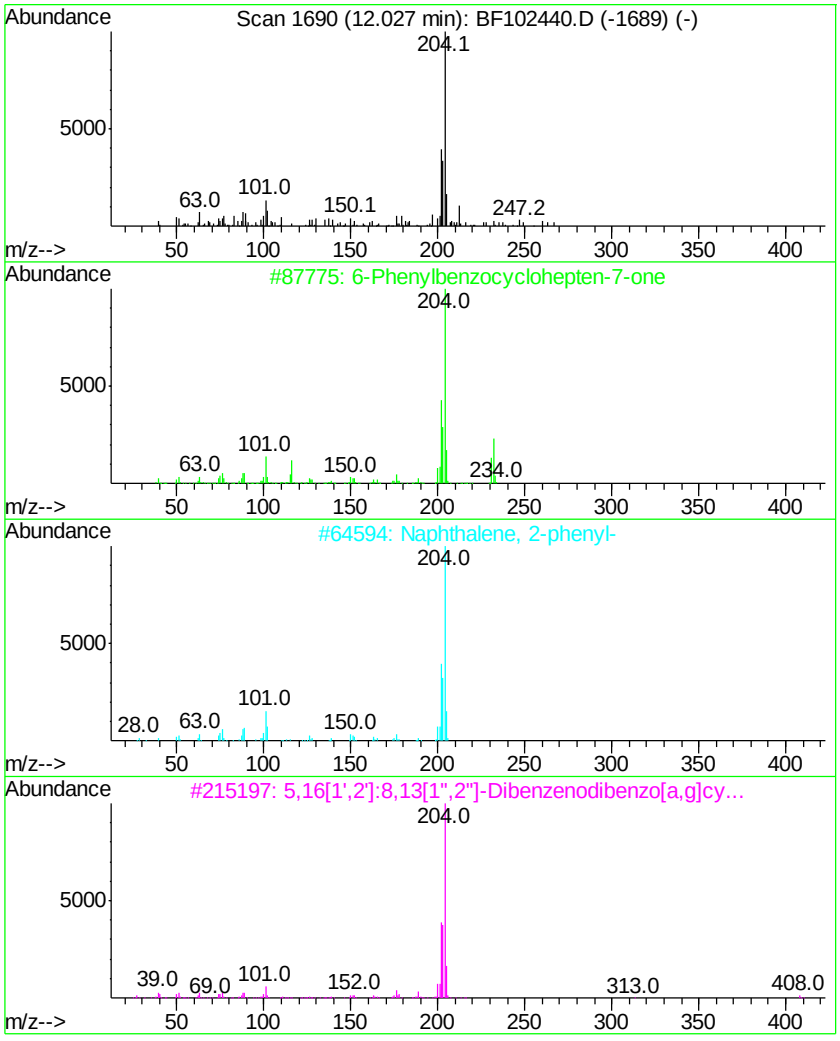
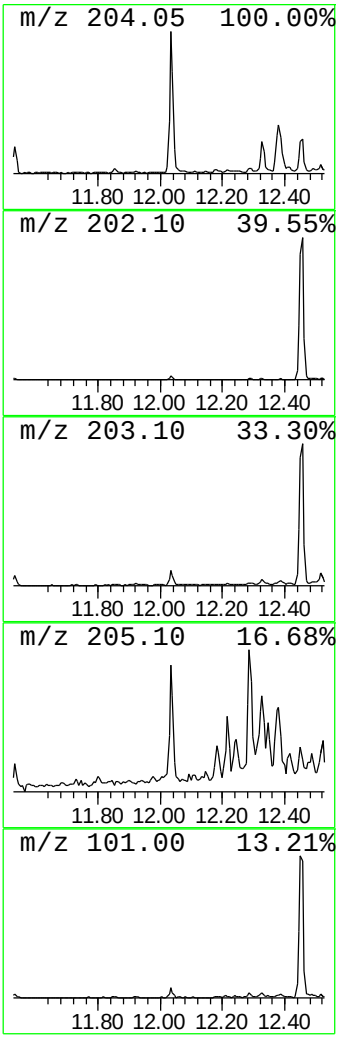
Peak Number 15 6-Phenylbenzocyclohepten-7-one Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.03	2.06 ng	96868	Phenanthrene-d10	11.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6-Phenylbenzocyclohepten-7-one	232	C17H12O	093327-56-1	90
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	86
3	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	78
4	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	62
5	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	60





Library Search Compound Report

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Sample : J1289-17
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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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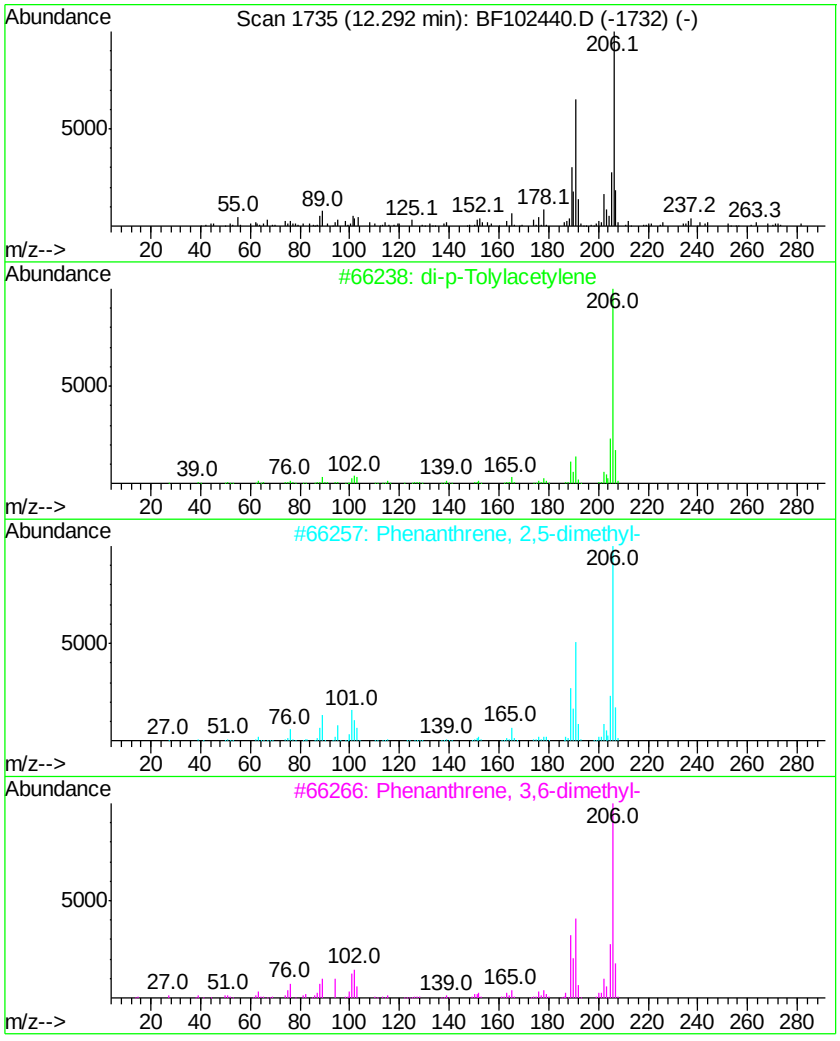
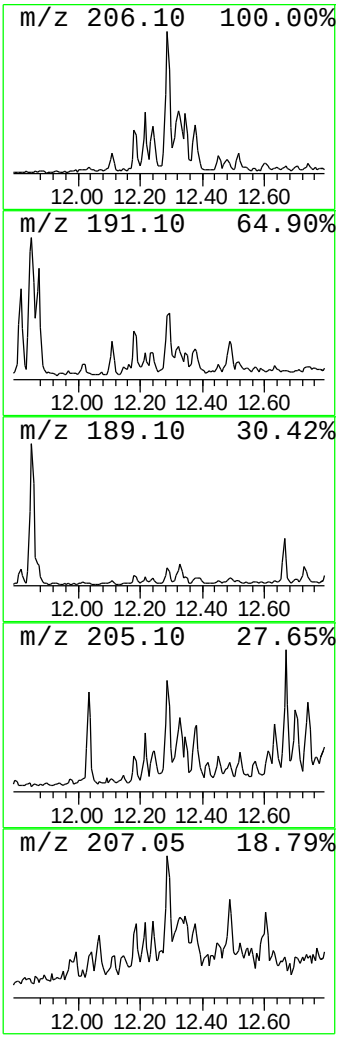
Peak Number 16 di-p-Tolylacetylene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.29	2.10 ng	98728	Phenanthrene-d10	11.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	di-p-Tolylacetylene	206	C16H14	002789-88-0	94
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	93
5	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	91





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

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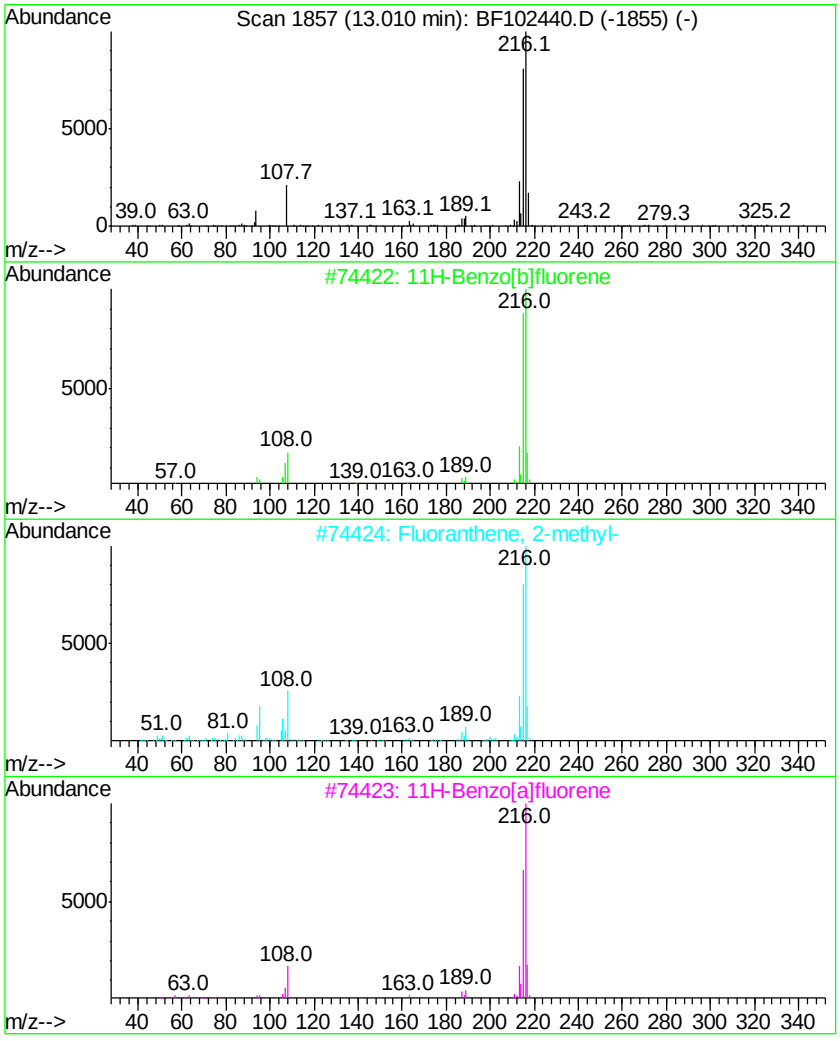
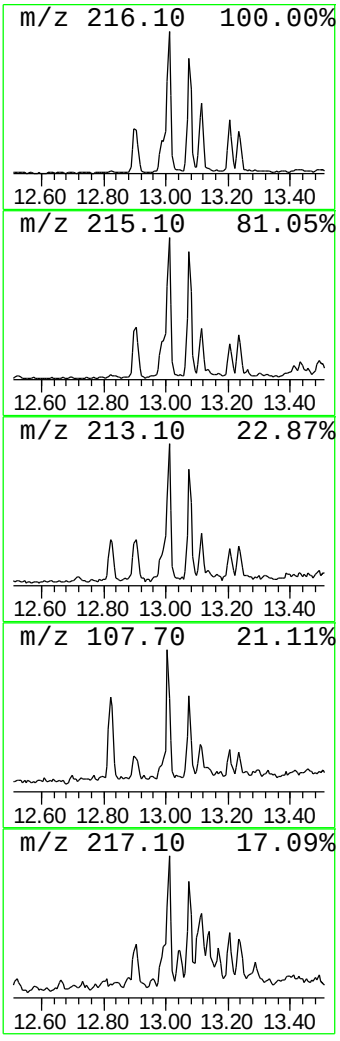
Peak Number 17 11H-Benzo[b]fluorene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.01	2.80 ng	216632	Chrysene-d12	13.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
4	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	87
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	87





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ALS Vial : 11 Sample Multiplier: 1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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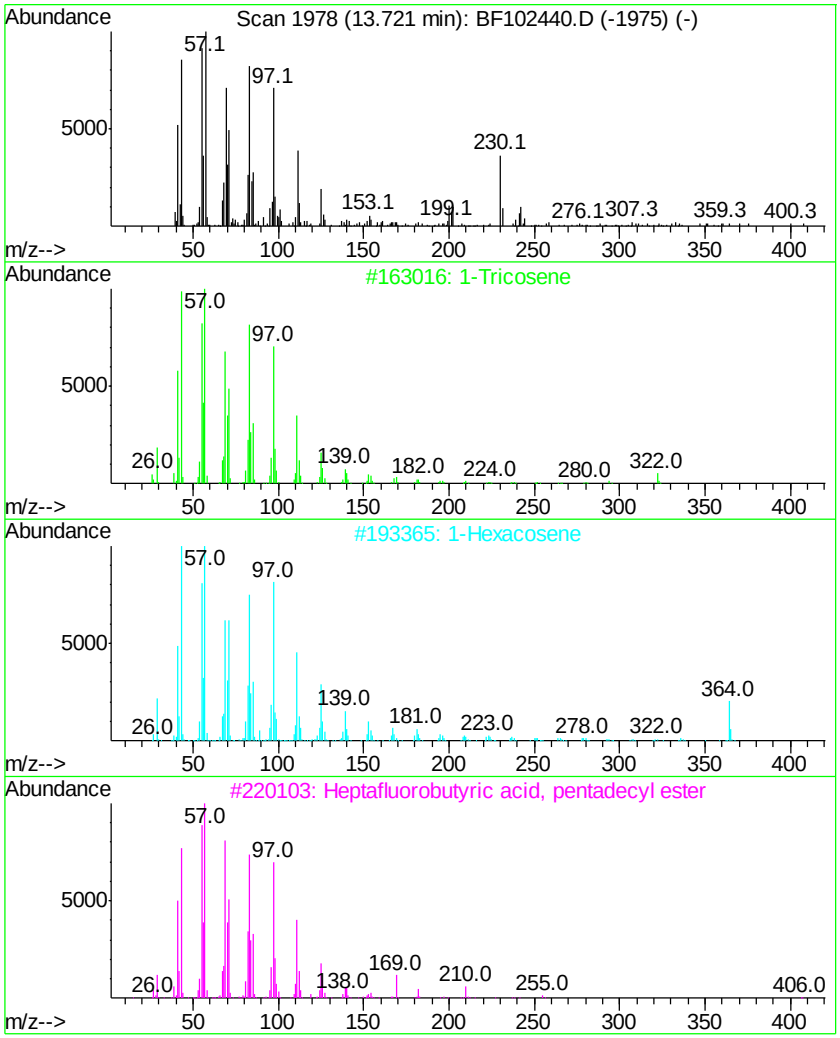
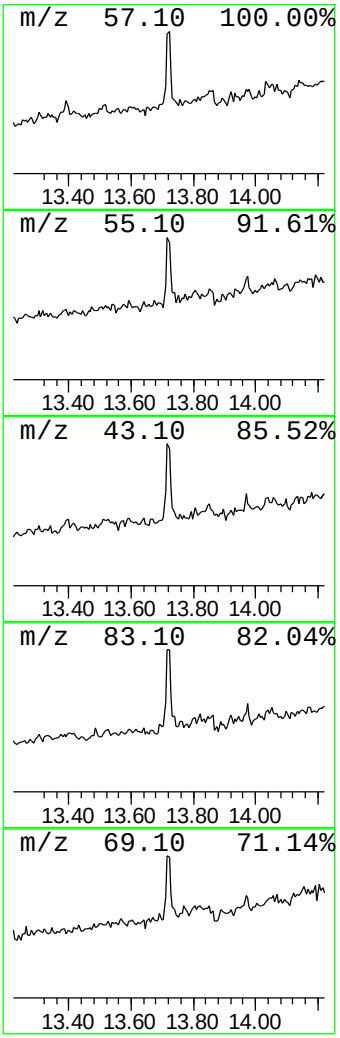
Peak Number 19 1-Tricosene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.72	4.51 ng	349276	Chrysene-d12	13.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Tricosene	322	C23H46	018835-32-0	93
2	1-Hexacosene	364	C26H52	018835-33-1	93
3	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	87
4	Cyclotetracosane	336	C24H48	000297-03-0	87
5	Pentafluoropropionic acid, hexad...	388	C19H33F5O2	006222-07-7	87





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ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-54-13.5-14.0

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.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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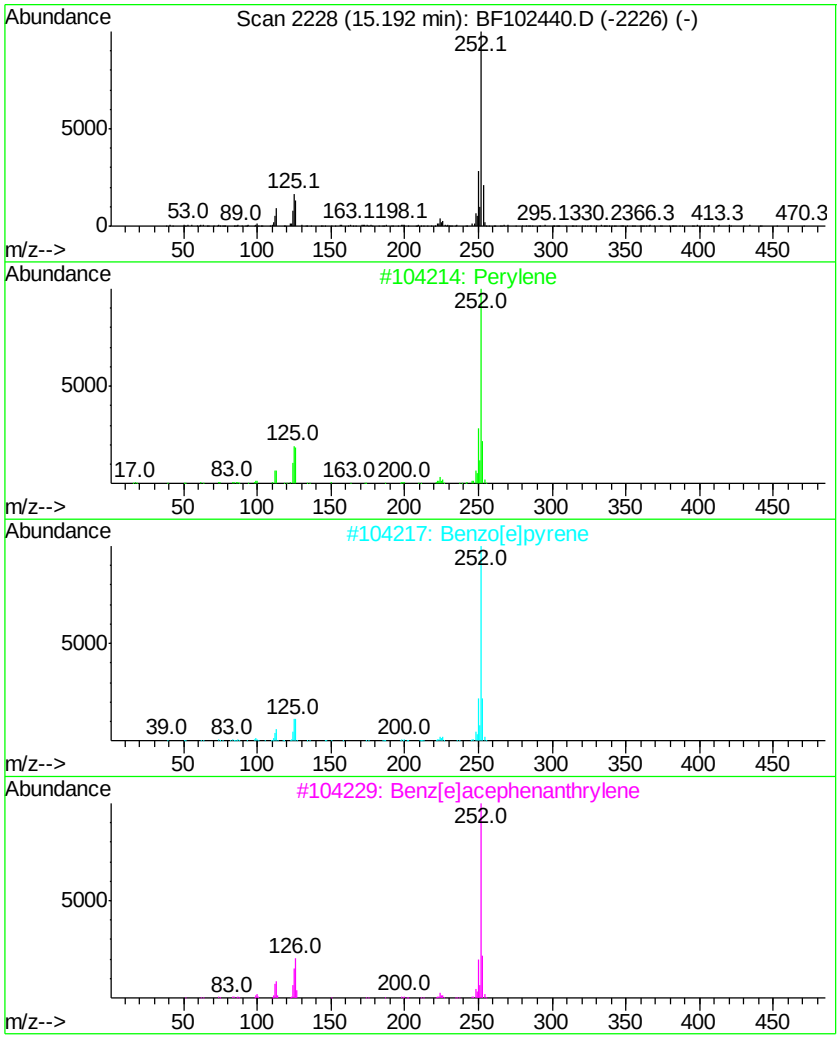
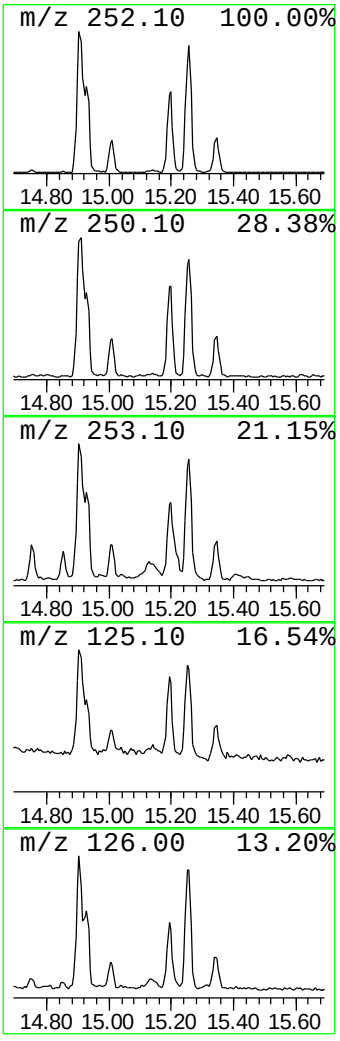
Peak Number 20 Perylene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.19	18.35 ng	370281	Perylene-d12	15.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Perylene	252	C20H12	000198-55-0	98
2	Benzo[e]pyrene	252	C20H12	000192-97-2	98
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
5	Benzo[a]pyrene	252	C20H12	000050-32-8	90





Tentatively Identified Compound (LSC) summary

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Data File : BF102440.D
Acq On : 25 Jan 2018 22:52
Operator : SJ/JU
Sample : J1289-17
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-54-13.5-14.0

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.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...	4.93	3.1	ng	131044	1	6.72	857616	20.0
unknown6.49	6.49	75.4	ng	3232010	1	6.72	857616	20.0
Mesitylene	6.54	2.7	ng	114211	1	6.72	857616	20.0
Tetradecane	9.68	2.3	ng	131420	3	9.75	1125250	20.0
Hexadecane	10.18	2.9	ng	163224	3	9.75	1125250	20.0
Tetracosane	10.65	4.4	ng	206357	4	11.24	942076	20.0
unknown11.10	11.10	2.9	ng	134690	4	11.24	942076	20.0
Dibenzothiophene	11.13	2.1	ng	101439	4	11.24	942076	20.0
Phenanthrene, 1-m...	11.74	3.4	ng	159816	4	11.24	942076	20.0
Phenanthrene, 2-m...	11.77	4.4	ng	206443	4	11.24	942076	20.0
Anthracene, 1-met...	11.82	2.2	ng	102797	4	11.24	942076	20.0
4H-Cyclopenta[def...	11.85	7.7	ng	363084	4	11.24	942076	20.0
6-Phenylbenzocycl...	12.03	2.1	ng	96868	4	11.24	942076	20.0
di-p-Tolylacetylene	12.29	2.1	ng	98728	4	11.24	942076	20.0
11H-Benzo[b]fluorene	13.01	2.8	ng	216632	5	13.88	1549310	20.0
1-Tricosene	13.72	4.5	ng	349276	5	13.88	1549310	20.0
Perylene	15.19	18.4	ng	370281	6	15.32	403589	20.0