LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020918\
Data File : BF102882.D
Acq On : 9 Feb 2018 12:17
Operator : SJ/JU
Sample : J1404-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-05-020718

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-BF020318.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	2.157	7	12	26	rVB	430255	609637	4.70%	0.682%
2	5.116	511	515	524	rVB	109528	143473	1.11%	0.161%
3	5.504	576	581	584	rBV	4010725	4014697	30.94%	4.494%
4	6.510	747	752	758	rBV	3271489	3708241	28.58%	4.151%
5	6.657	772	777	780	rBV	3913074	3746345	28.88%	4.194%
6	6.886	812	816	819	rBV	1326776	1087848	8.38%	1.218%
7	7.039	838	842	846	rBV	2828565	2761268	21.28%	3.091%
8	7.445	907	911	914	rBV	2452869	2377118	18.32%	2.661%
9	8.169	1031	1034	1037	rVV	1525502	1280013	9.87%	1.433%
10	9.239	1212	1216	1220	rBV	3010077	2824031	21.77%	3.161%
11	9.504	1257	1261	1265	rBV2	250209	259150	2.00%	0.290%
12	9.580	1270	1274	1277	rVV3	127770	141429	1.09%	0.158%
13	9.633	1280	1283	1290	rVB	265605	301630	2.32%	0.338%
14	9.845	1315	1319	1322	rVB	189940	162262	1.25%	0.182%
15	9.922	1327	1332	1335	rVV2	1161625	1094139	8.43%	1.225%
16	9.957	1335	1338	1341	rVB	327046	269368	2.08%	0.302%
17	10.127	1361	1367	1370	rVV2	187917	232928	1.80%	0.261%
18	10.345	1397	1404	1407	rBV2	268570	325890	2.51%	0.365%
19	10.469	1422	1425	1430	rVB2	282887	286336	2.21%	0.321%
20	10.627	1447	1452	1457	rVB3	127929	166037	1.28%	0.186%
21	10.710	1460	1466	1470	rBV	1611728	1599613	12.33%	1.791%
22	10.821	1482	1485	1493	rVB3	217250	343702	2.65%	0.385%
23	10.921	1498	1502	1505	rVB3	170493	190698	1.47%	0.213%
24	11.021	1514	1519	1521	rBV2	128558	172658	1.33%	0.193%
25	11.104	1530	1533	1535	rVV	174206	140008	1.08%	0.157%
26	11.145	1535	1540	1542	rVV4	133718	164165	1.27%	0.184%
27	11.269	1556	1561	1563	rBV3	202362	220473	1.70%	0.247%
28	11.310	1563	1568	1573	rVB	263533	302397	2.33%	0.339%
29	11.416	1582	1586	1587	rBV	885186	868394	6.69%	0.972%
30	11.439	1587	1590	1593	rVV	2572962	2142271	16.51%	2.398%
31	11.486	1595	1598	1601	rVB	885720	751575	5.79%	0.841%
32	11.639	1618	1624	1631	rBV	139883	236066	1.82%	0.264%
33	11.721	1636	1638	1640	rVV2	169247	130232	1.00%	0.146%
34	11.804	1647	1652	1655	rBV	6321309	6551846	50.50%	7.334%

LSC Area Percent Report

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Operator : SJ/JU
Sample : J1404-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-05-020718

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-BF020318.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.916	1667	1671	1673	rBV	389278	410139	3.16%	0.459%
36	11.939	1673	1675	1679	rVV	610455	591444	4.56%	0.662%
37	11.992	1680	1684	1687	rVV	256970	271193	2.09%	0.304%
38	12.027	1687	1690	1692	rVV	698038	711342	5.48%	0.796%
39	12.051	1692	1694	1697	rVB	259103	210512	1.62%	0.236%
40	12.210	1717	1721	1723	rBV2	318047	322219	2.48%	0.361%
41	12.498	1760	1770	1772	rBV	6977002	12973952	100.00%	14.523%
42	12.521	1772	1774	1779	rVV2	7180321	9536320	73.50%	10.675%
43	12.592	1783	1786	1789	rVB	4092934	3757742	28.96%	4.206%
44	12.633	1789	1793	1796	rBV	2861270	2727277	21.02%	3.053%
45	12.863	1826	1832	1838	rVB2	2363296	3118701	24.04%	3.491%
46	12.910	1838	1840	1844	rVB2	129423	135076	1.04%	0.151%
47	12.998	1849	1855	1858	rBV	2015865	2173857	16.76%	2.433%
48	13.074	1864	1868	1872	rBV2	234556	424198	3.27%	0.475%
49	13.186	1885	1887	1890	rVB	761273	704871	5.43%	0.789%
50	13.239	1893	1896	1897	rVV	361969	369282	2.85%	0.413%
51	13.251	1897	1898	1901	rVB	565175	430030	3.31%	0.481%
52	13.292	1901	1905	1907	rBV2	268360	307970	2.37%	0.345%
53	13.315	1907	1909	1911	rVV	525640	437445	3.37%	0.490%
54	13.333	1911	1912	1917	rVB4	308142	344751	2.66%	0.386%
55	13.380	1917	1920	1923	rBV2	409351	444588	3.43%	0.498%
56	13.521	1942	1944	1948	rVB3	395441	375509	2.89%	0.420%
57	13.745	1978	1982	1986	rVB4	553852	767715	5.92%	0.859%
58	13.804	1990	1992	1995	rBV	198128	198245	1.53%	0.222%
59	13.833	1995	1997	1999	rBV	233090	166215	1.28%	0.186%
60	13.857	1999	2001	2003	rBV	143642	146500	1.13%	0.164%
61	13.980	2019	2022	2027	rVB2	450226	468239	3.61%	0.524%
62	14.051	2030	2034	2038	rVV2	1717180	2557245	19.71%	2.863%
63	14.086	2038	2040	2045	rVB	1307236	1090372	8.40%	1.221%
64	14.162	2051	2053	2056	rBV	230128	174424	1.34%	0.195%
65	15.109	2210	2214	2217	rBV	751813	1164609	8.98%	1.304%
66	15.421	2264	2267	2273	rVB	443521	562762	4.34%	0.630%
67	15.486	2274	2278	2283	rBV	734988	878262	6.77%	0.983%
68	15.551	2285	2289	2292	rBV	592845	773828	5.96%	0.866%

Sum of corrected areas: 89332772

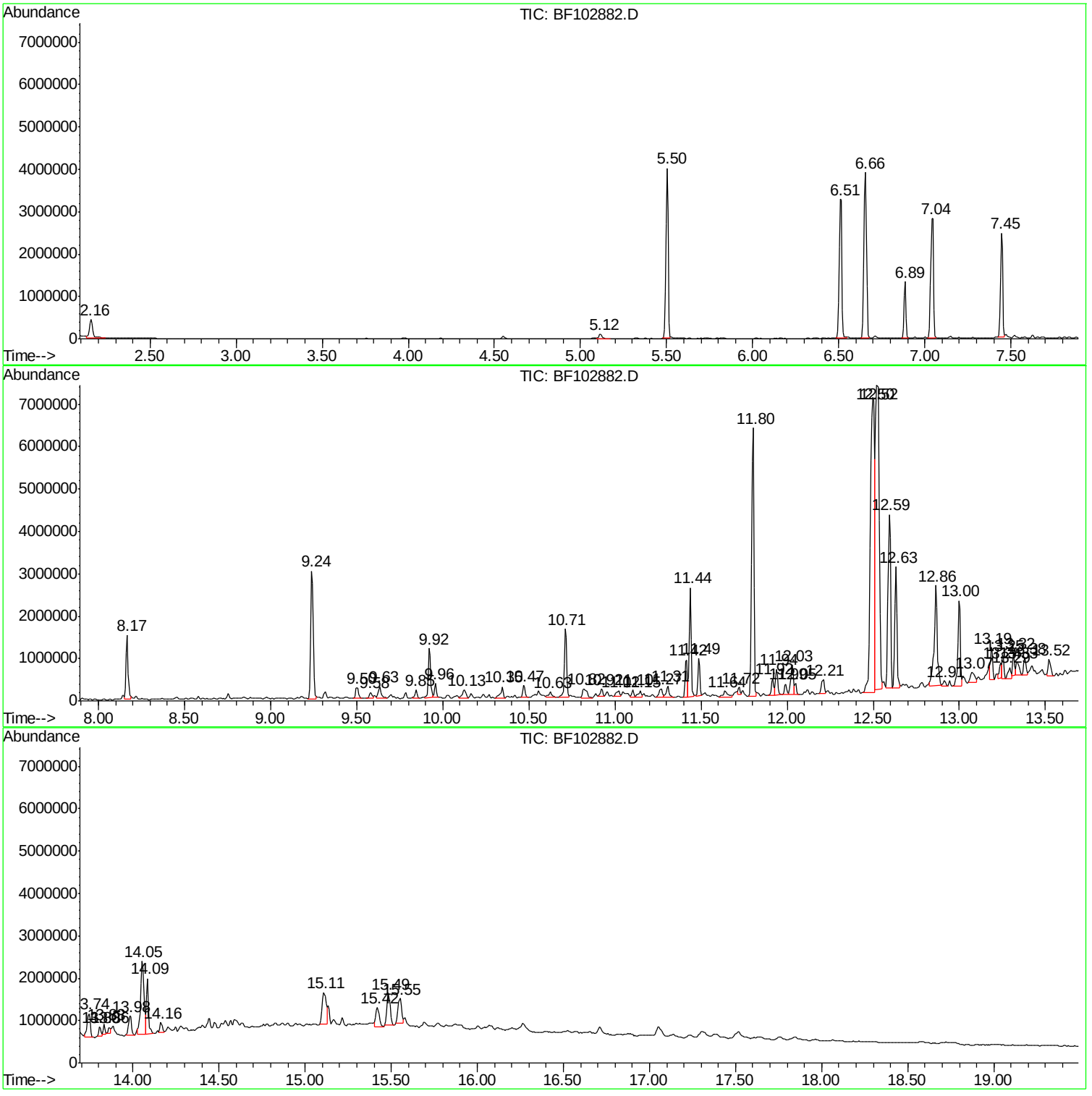
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020918\
Data File : BF102882.D
Acq On : 9 Feb 2018 12:17
Operator : SJ/JU
Sample : J1404-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-05-020718

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.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:\HPCHEM1\BNA F\DATA\BF020918\
Data File : BF102882.D
Acq On : 9 Feb 2018 12:17
Operator : SJ/JU
Sample : J1404-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-05-020718

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

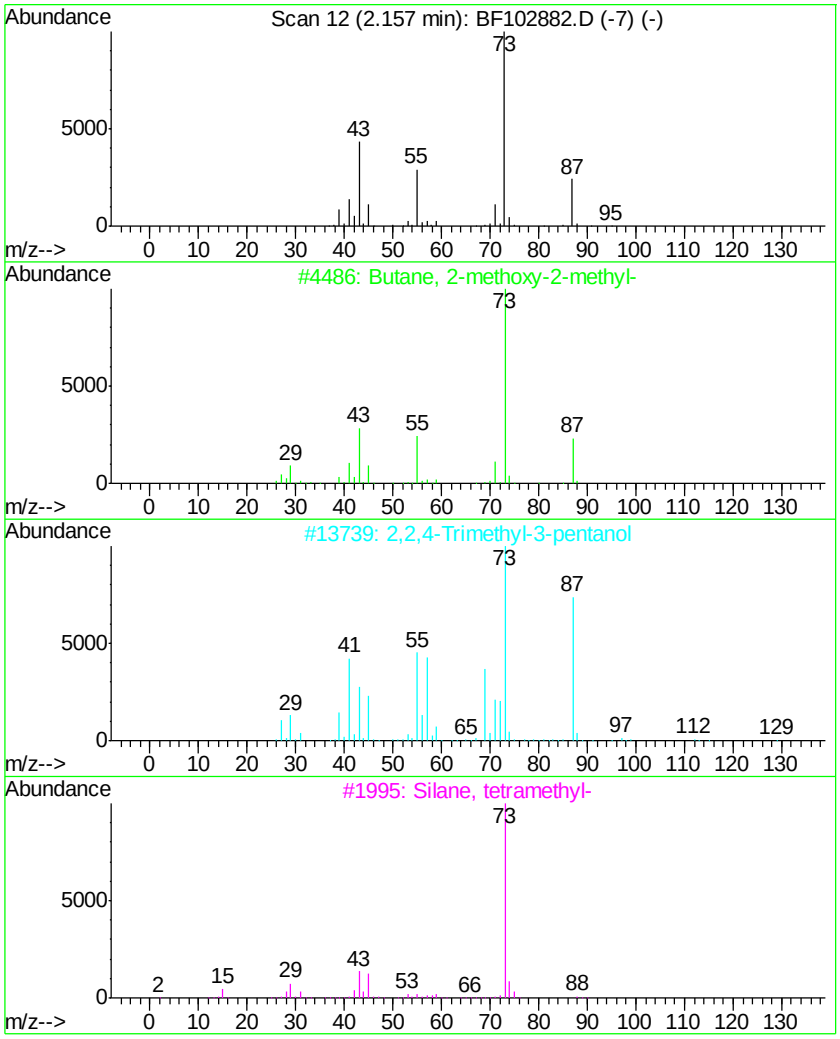
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

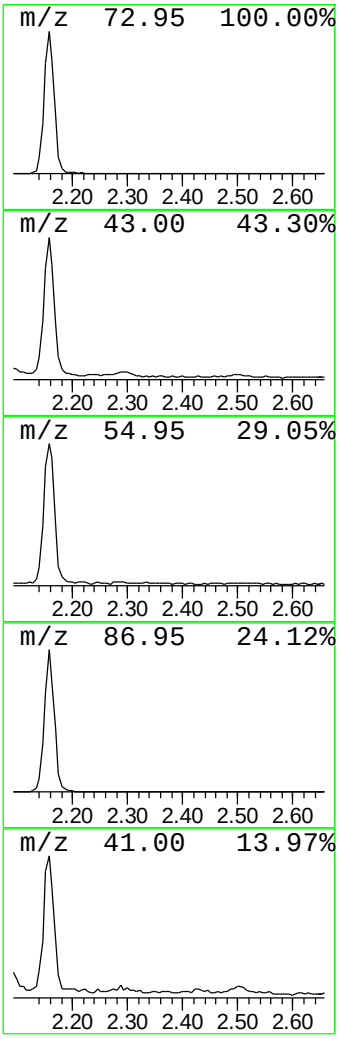
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.16	11.21 ng	609637	1,4-Dichlorobenzene-d4	6.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3	Silane, tetramethyl-	88	C4H12Si	000075-76-3	38
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	23
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12





Data Path : Z:\HPCHEM1\BNA F\DATA\BF020918\
Data File : BF102882.D
Acq On : 9 Feb 2018 12:17
Operator : SJ/JU
Sample : J1404-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-05-020718

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.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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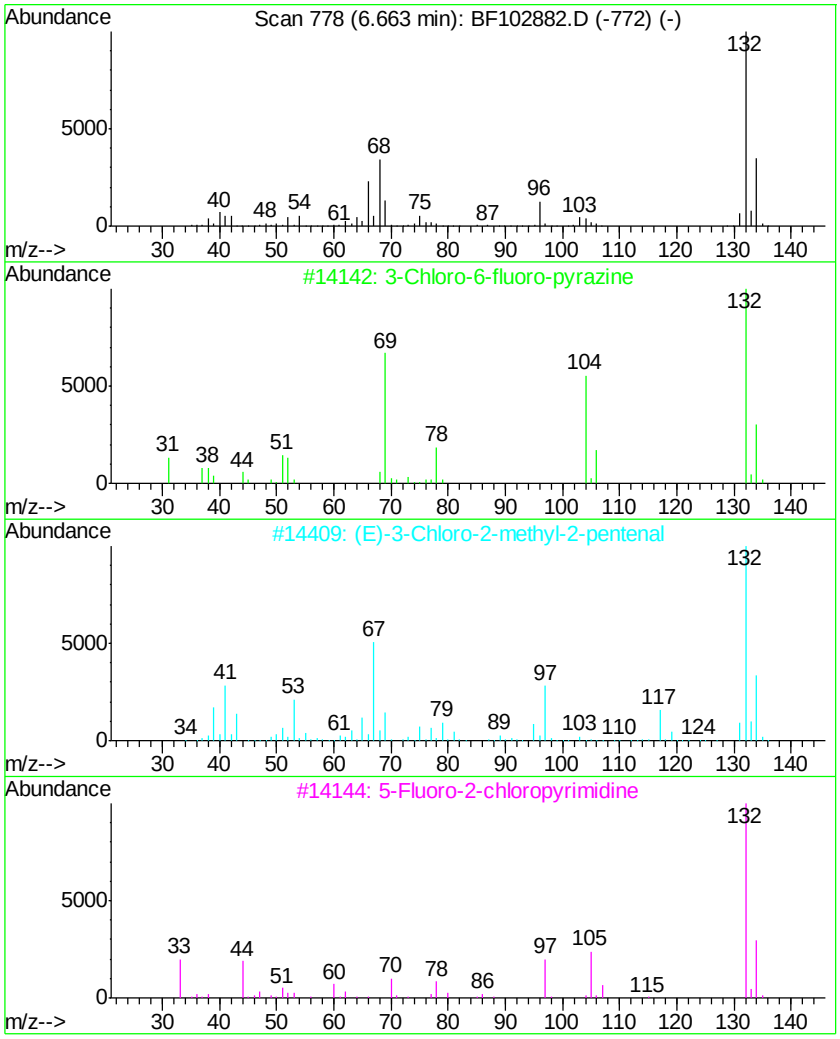
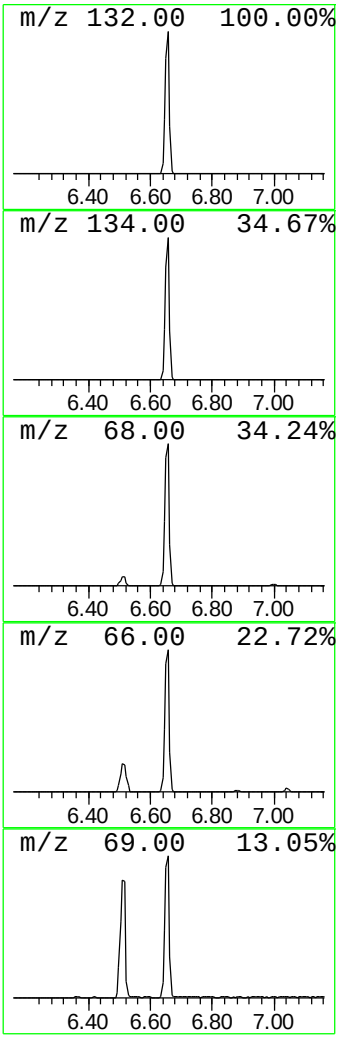
Peak Number 2 unknown6.66 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.66	68.88 ng	3746350	1,4-Dichlorobenzene-d4	6.89

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-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF020918\
Data File : BF102882.D
Acq On : 9 Feb 2018 12:17
Operator : SJ/JU
Sample : J1404-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-05-020718

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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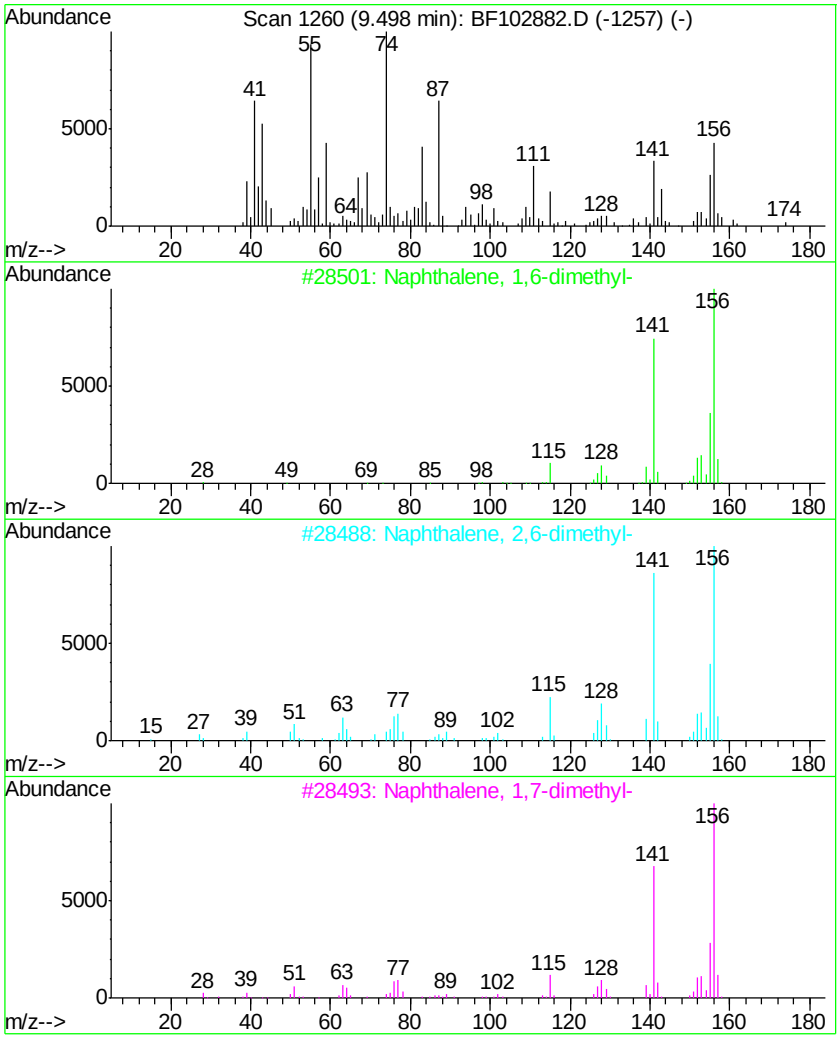
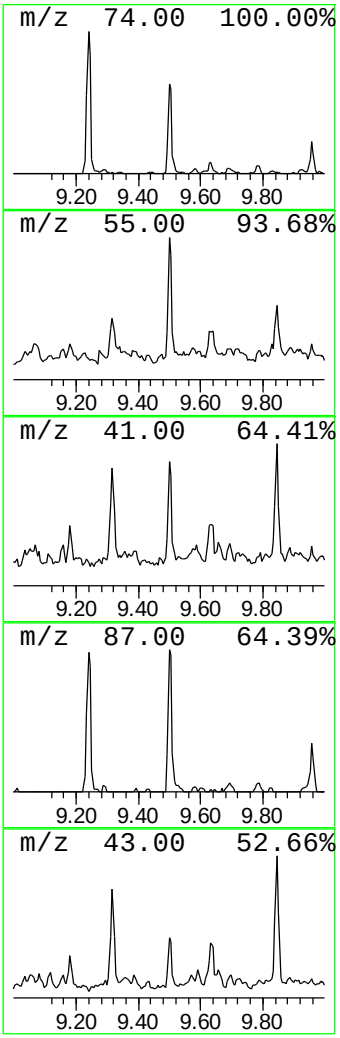
Peak Number 4 unknown9.50 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.50	4.74 ng	259150	Acenaphthene-d10	9.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	49
2	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	25
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	25
4	Pent-1-yn-3-ene, 4-methyl-3-phenyl-	156	C12H12	065050-80-8	25
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	25





Data Path : Z:\HPCHEM1\BNA F\DATA\BF020918\
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Sample : J1404-01
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Instrument : BNA_F
ClientSampleId : TR-05-020718

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.M
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TIC Library : C:\DATABASE\NIST11.L
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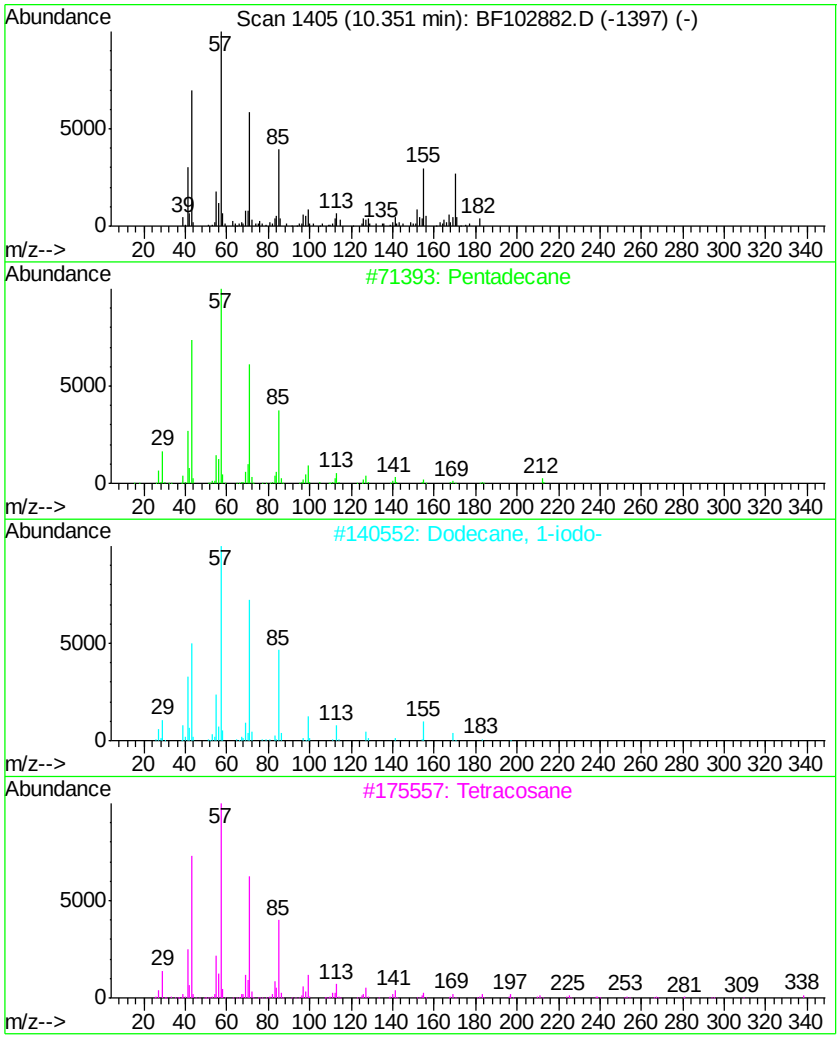
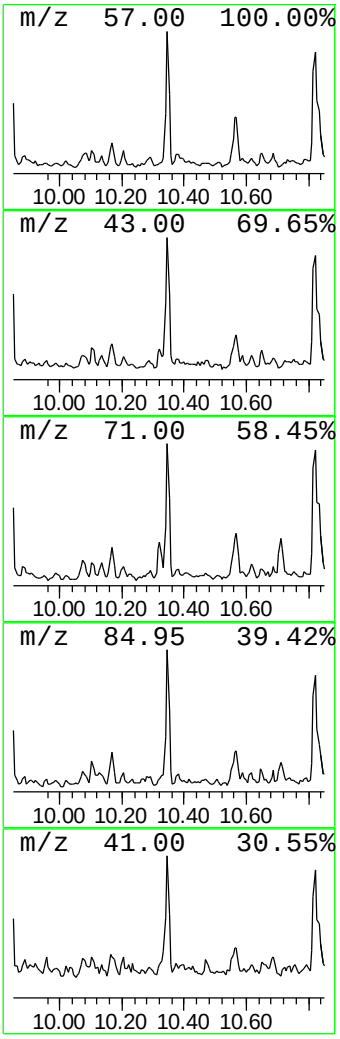
Peak Number 5 Pentadecane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.35	5.96 ng	325890	Acenaphthene-d10	9.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	52
2	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	52
3	Tetracosane	338	C24H50	000646-31-1	52
4	Eicosane	282	C20H42	000112-95-8	52
5	Tridecane	184	C13H28	000629-50-5	52





Data Path : Z:\HPCHEM1\BNA F\DATA\BF020918\
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Sample : J1404-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-05-020718

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.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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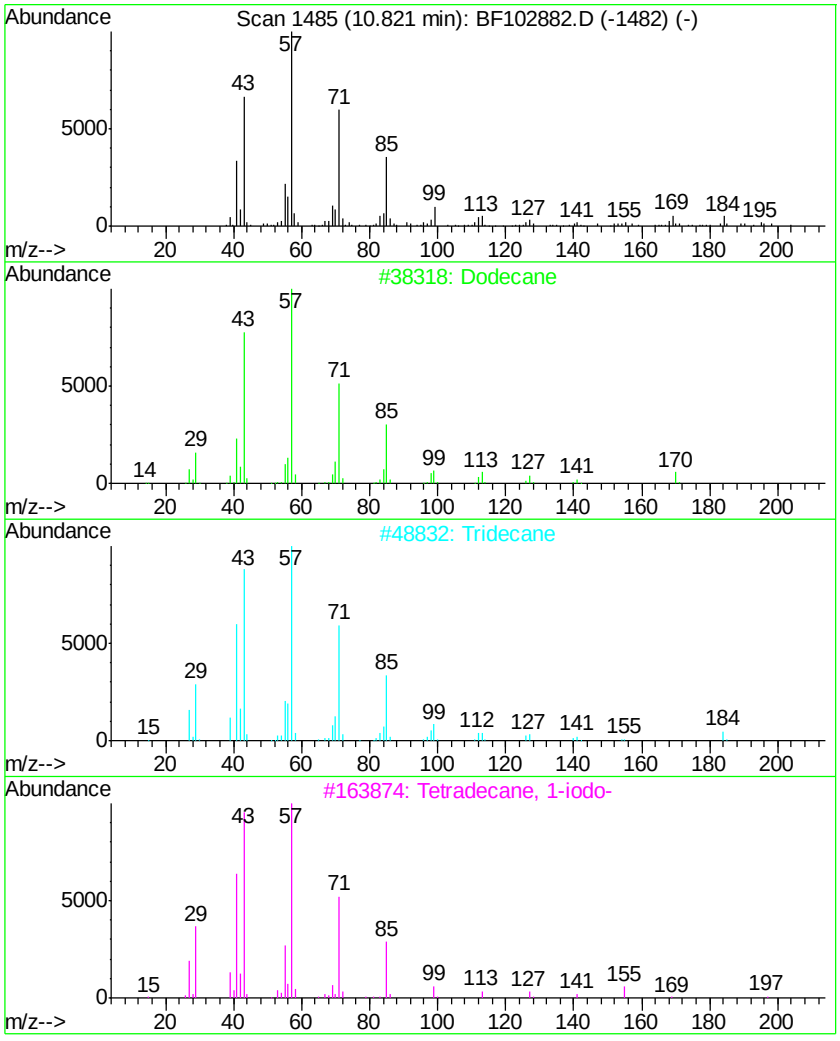
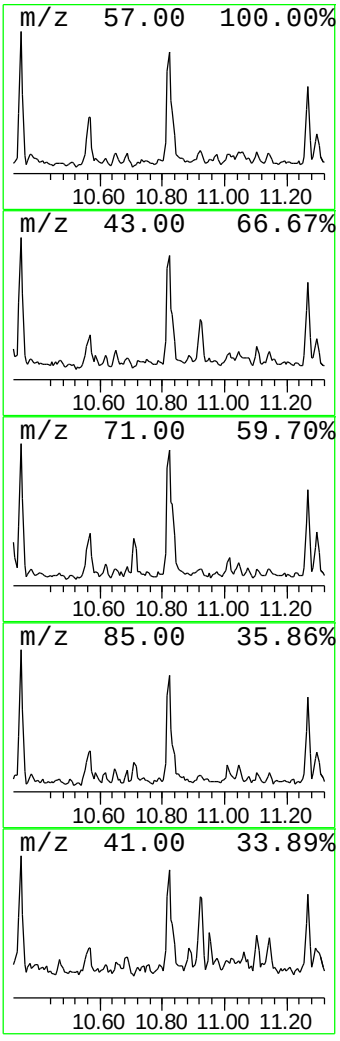
Peak Number 6 Dodecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.82	7.92 ng	343702	Phenanthrene-d10	11.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane	170	C12H26	000112-40-3	87
2	Tridecane	184	C13H28	000629-50-5	83
3	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	80
4	Hexadecane	226	C16H34	000544-76-3	80
5	Eicosane	282	C20H42	000112-95-8	80





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Operator : SJ/JU
Sample : J1404-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-05-020718

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.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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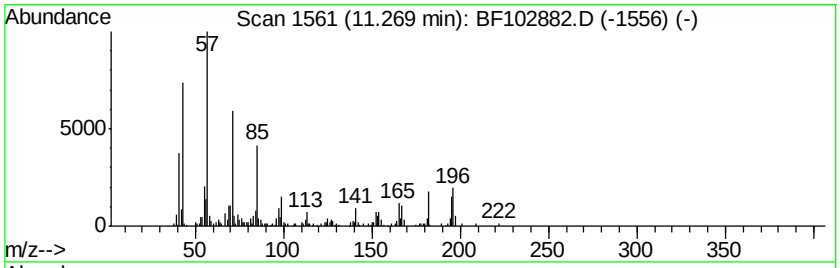
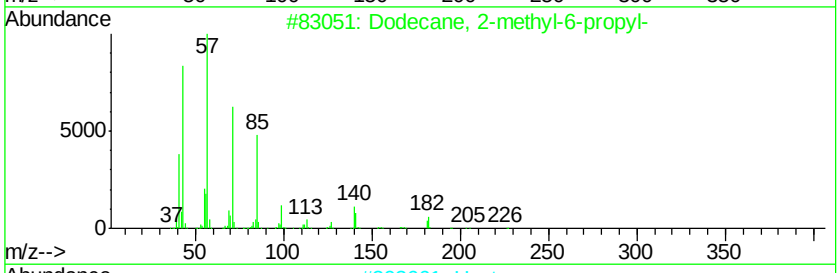
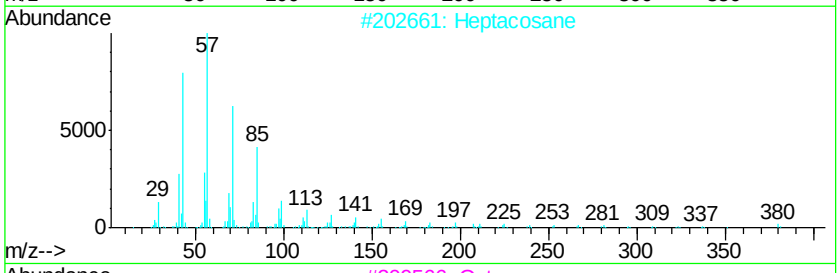
Peak Number 7 unknown11.27 Concentration Rank 18

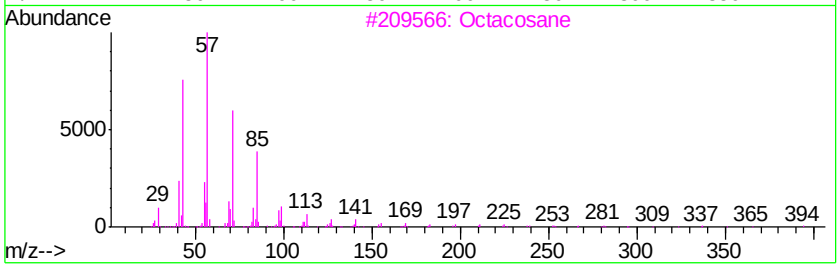
R.T.	EstConc	Area	Relative to ISTD	R.T.
11.27	5.08 ng	220473	Phenanthrene-d10	11.42

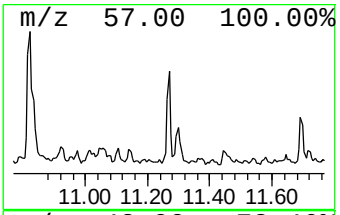
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	49
2	Heptacosane	380	C27H56	000593-49-7	49
3	Octacosane	394	C28H58	000630-02-4	49
4	Heneicosane	296	C21H44	000629-94-7	46
5	Tetradecane	198	C14H30	000629-59-4	46

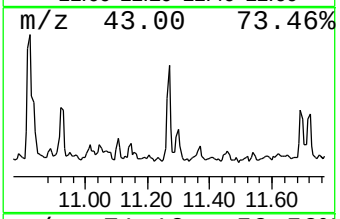


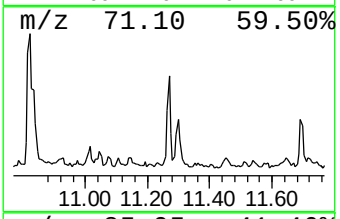


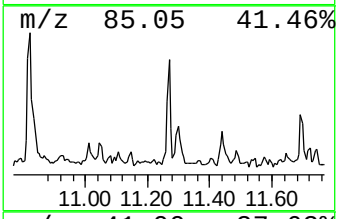


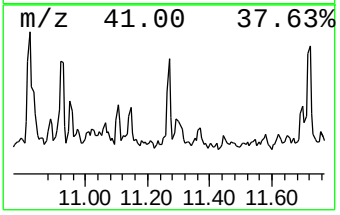












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Acq On : 9 Feb 2018 12:17
Operator : SJ/JU
Sample : J1404-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-05-020718

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.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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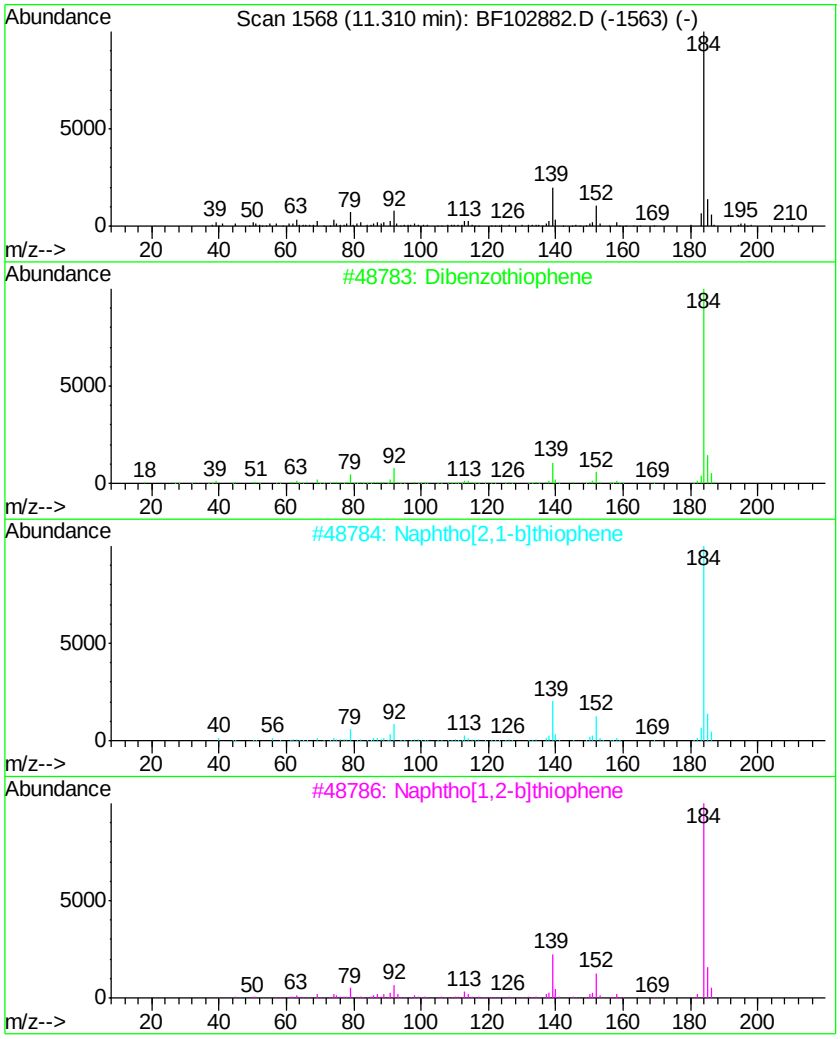
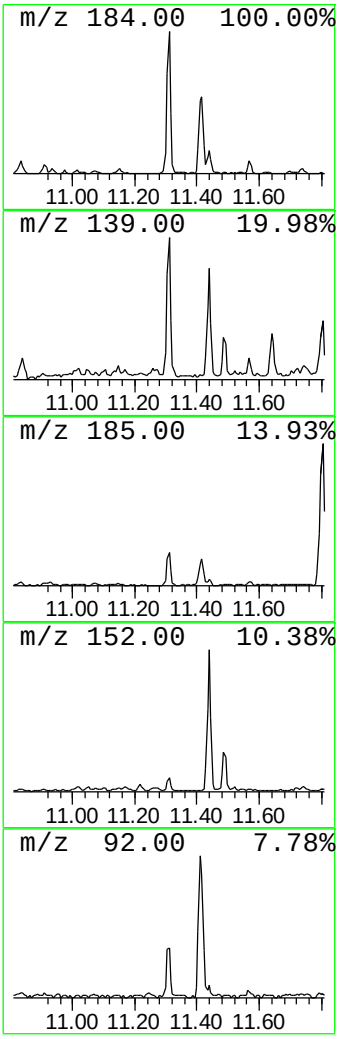
Peak Number 8 Dibenzothiophene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.31	6.96 ng	302397	Phenanthrene-d10	11.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	96
2	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	94
3	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	93
4	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	93
5	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	91





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Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-05-020718

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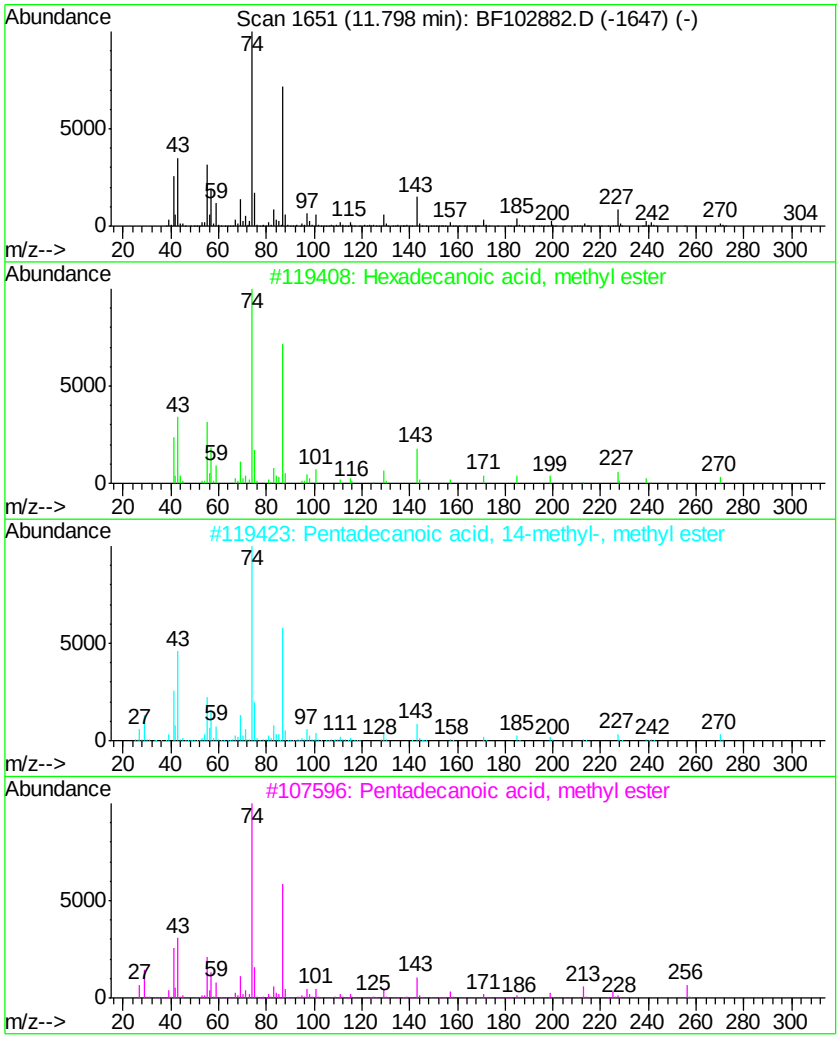
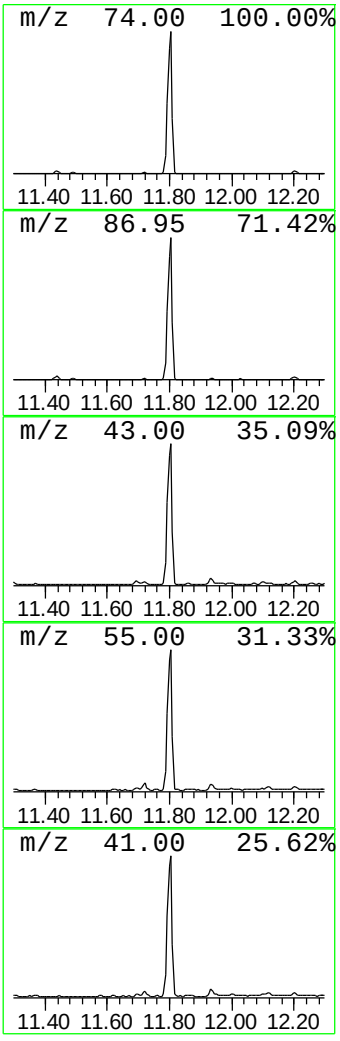
Peak Number 9 Hexadecanoic acid, methyl e... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.80	150.90 ng	6551850	Phenanthrene-d10	11.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	99
2	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	94
3	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	86
4	Dodecanoic acid, methyl ester	214	C13H26O2	000111-82-0	80
5	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	80





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Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-05-020718

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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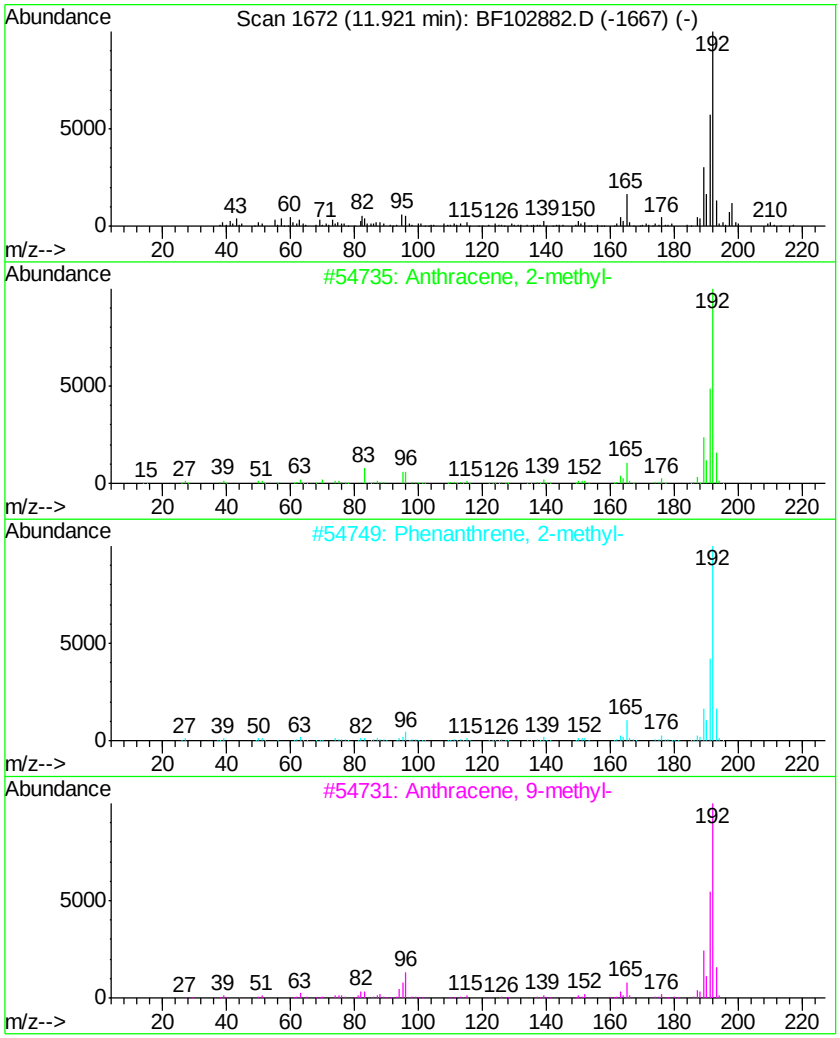
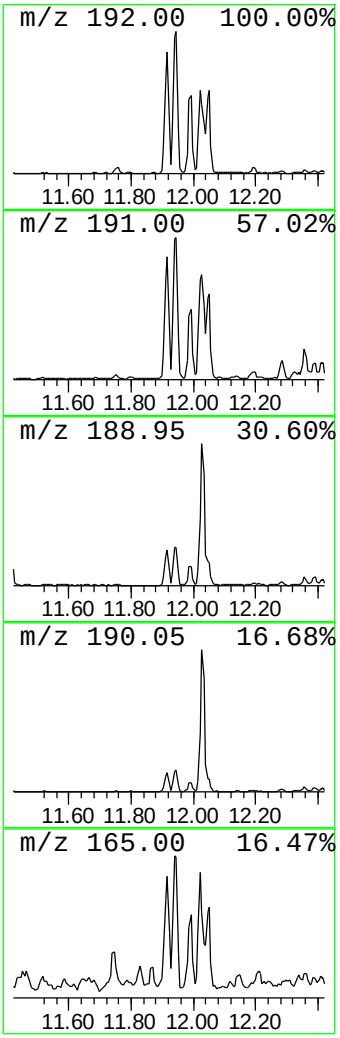
Peak Number 10 Anthracene, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.92	9.45 ng	410139	Phenanthrene-d10	11.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	90





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Operator : SJ/JU
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Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-05-020718

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.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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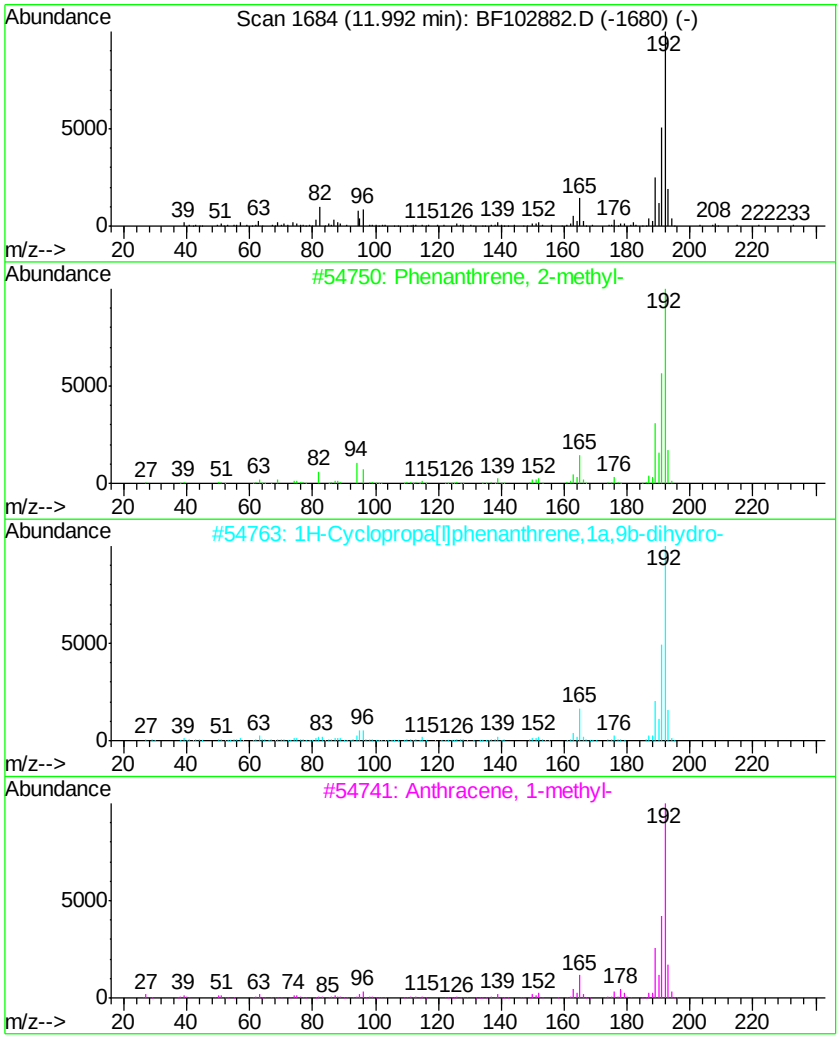
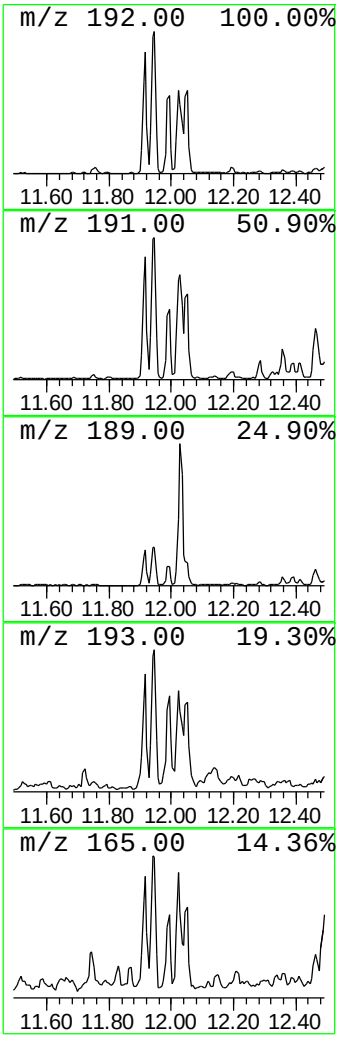
Peak Number 12 Phenanthrene, 2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.99	6.25 ng	271193	Phenanthrene-d10	11.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	96
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95





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Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-05-020718

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.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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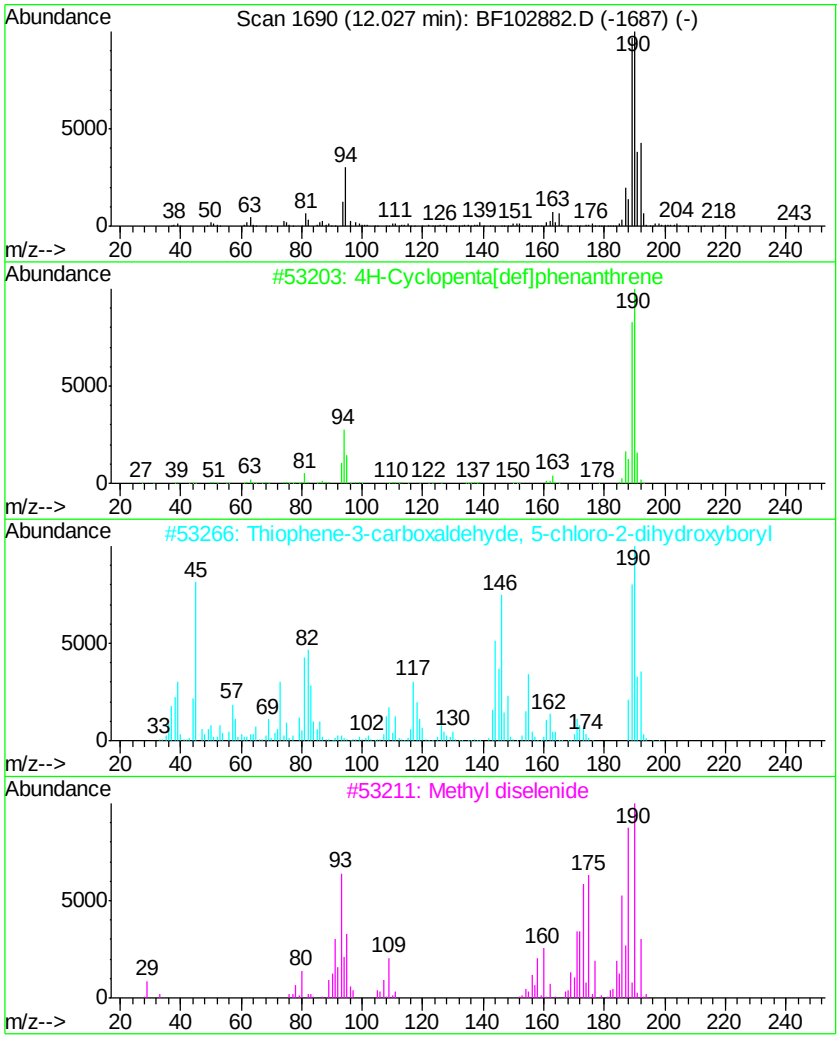
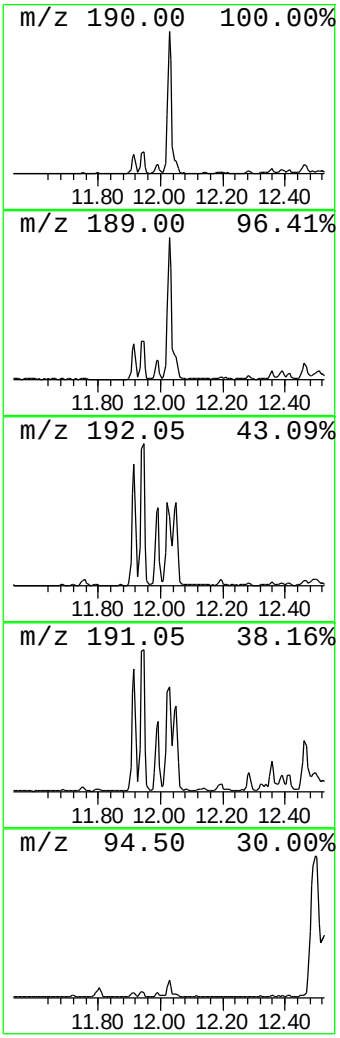
Peak Number 13 4H-Cyclopenta[def]phenanthrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.03	16.38 ng	711342	Phenanthrene-d10	11.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	95
2	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	53
3	Methyl diselenide	190	C2H6Se2	007101-31-7	43
4	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	42
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	40





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Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-05-020718

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.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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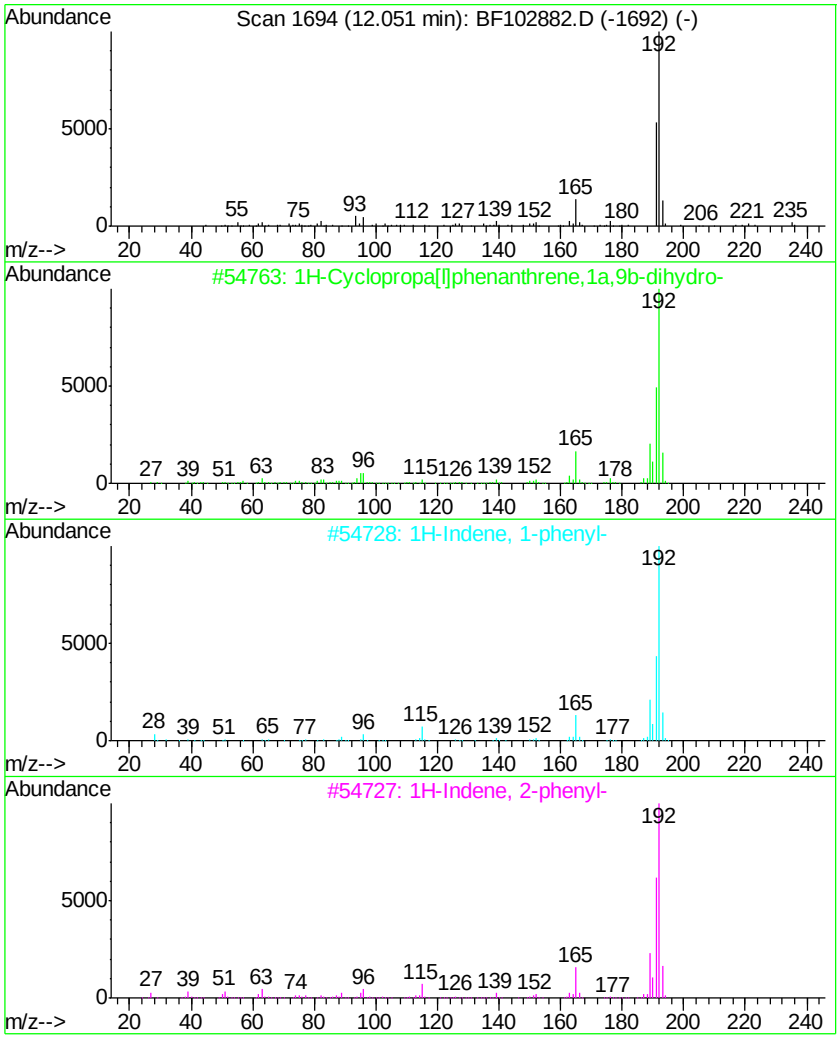
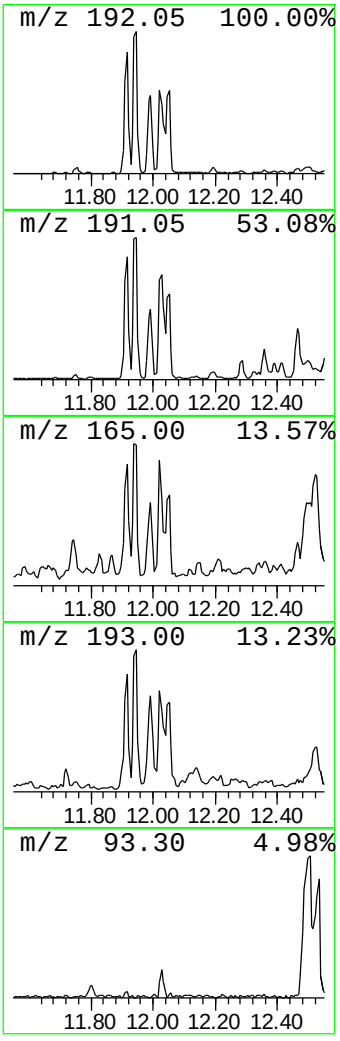
Peak Number 14 1H-Cyclopropa[l]phenanthren... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.05	4.85 ng	210512	Phenanthrene-d10	11.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	91
2	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	90
3	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	90
4	Propyne, 1,3-diphenyl-	192	C15H12	004980-70-5	87
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	87





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Sample : J1404-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-05-020718

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

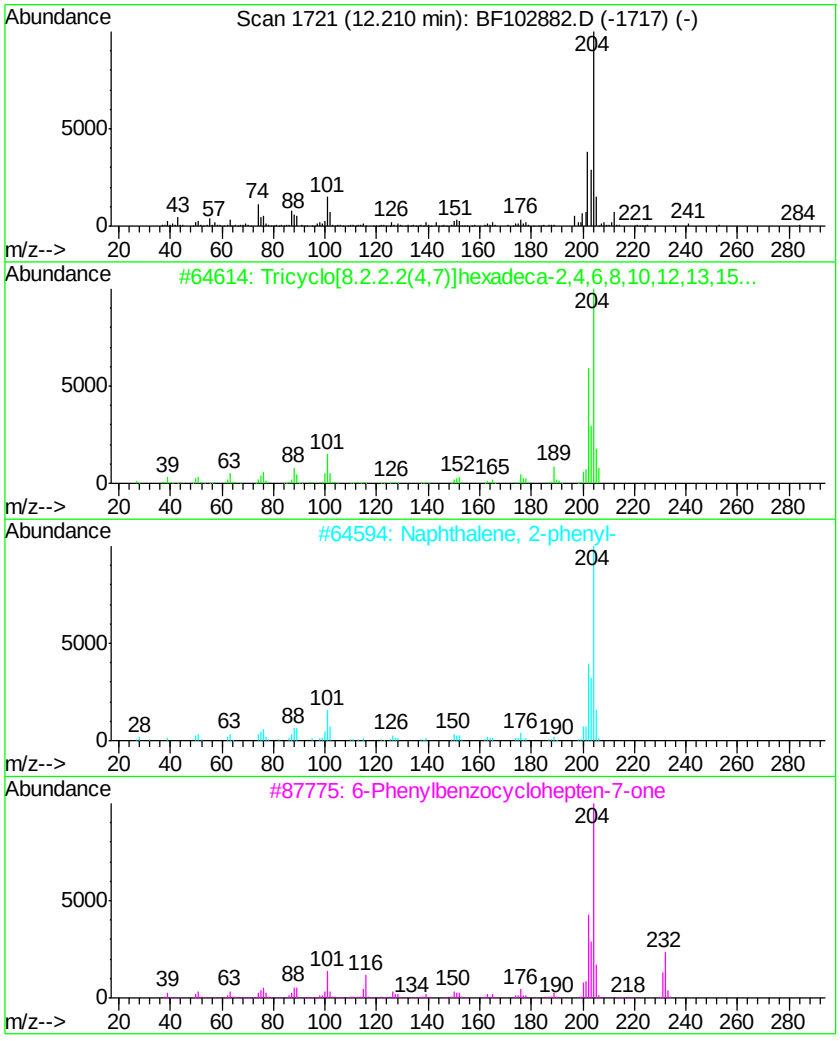
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

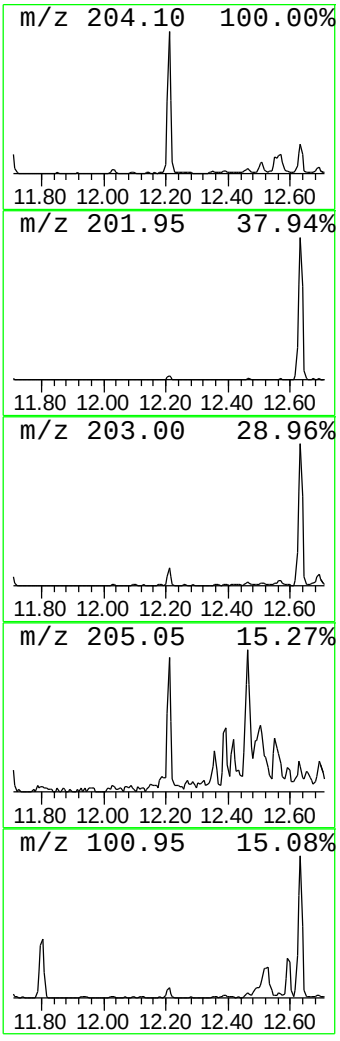
****

Peak Number 15 Tricyclo[8.2.2.2(4,7)]hexad... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.21	7.42 ng	322219	Phenanthrene-d10	11.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	90
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	89
3	6-Phenylbenzocyclohepten-7-one	232	C17H12O	093327-56-1	86
4	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	86
5	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	64





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Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-05-020718

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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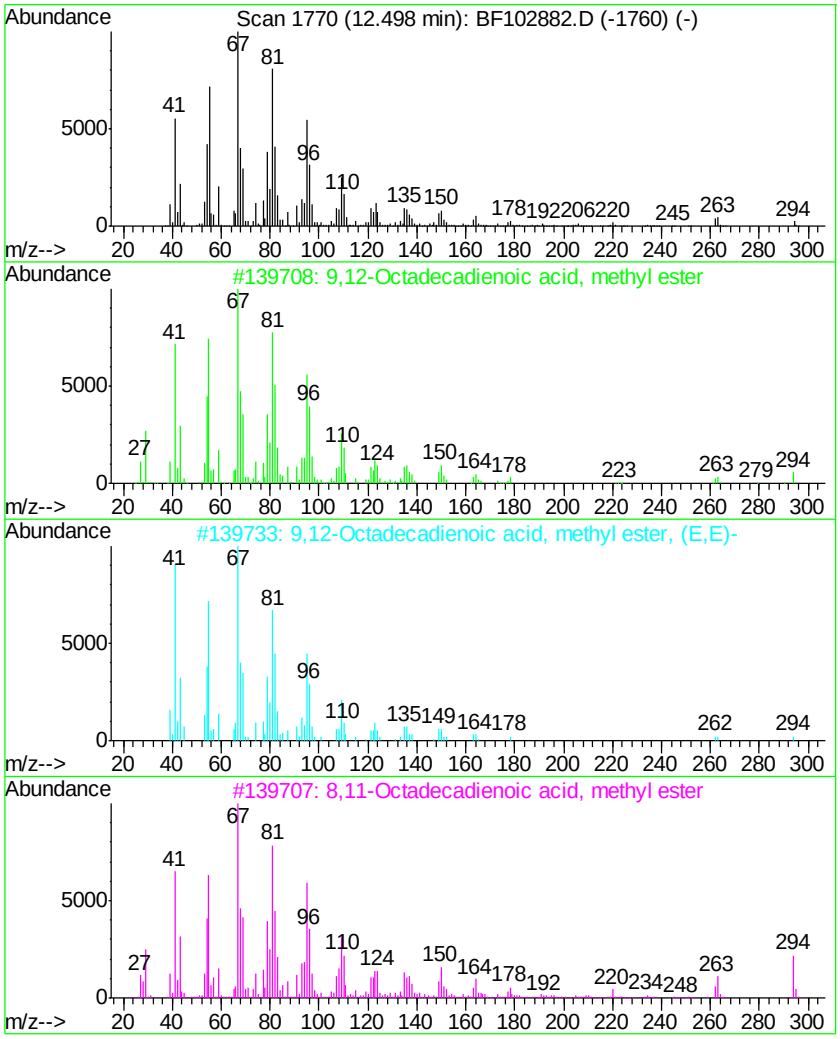
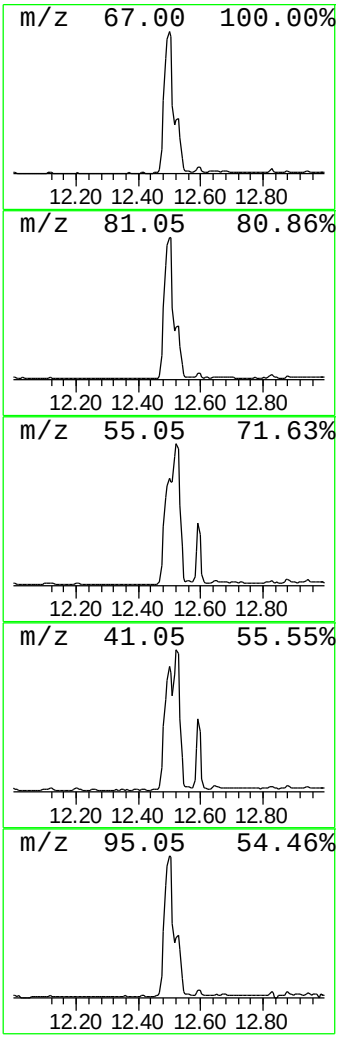
Peak Number 16 9,12-Octadecadienoic acid, ... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.50	298.80 ng	12974000	Phenanthrene-d10	11.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99
2	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
3	8,11-Octadecadienoic acid, methy...	294	C19H34O2	056599-58-7	99
4	10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	99
5	9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	99





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ClientSampleId : TR-05-020718

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TIC Library : C:\DATABASE\NIST11.L
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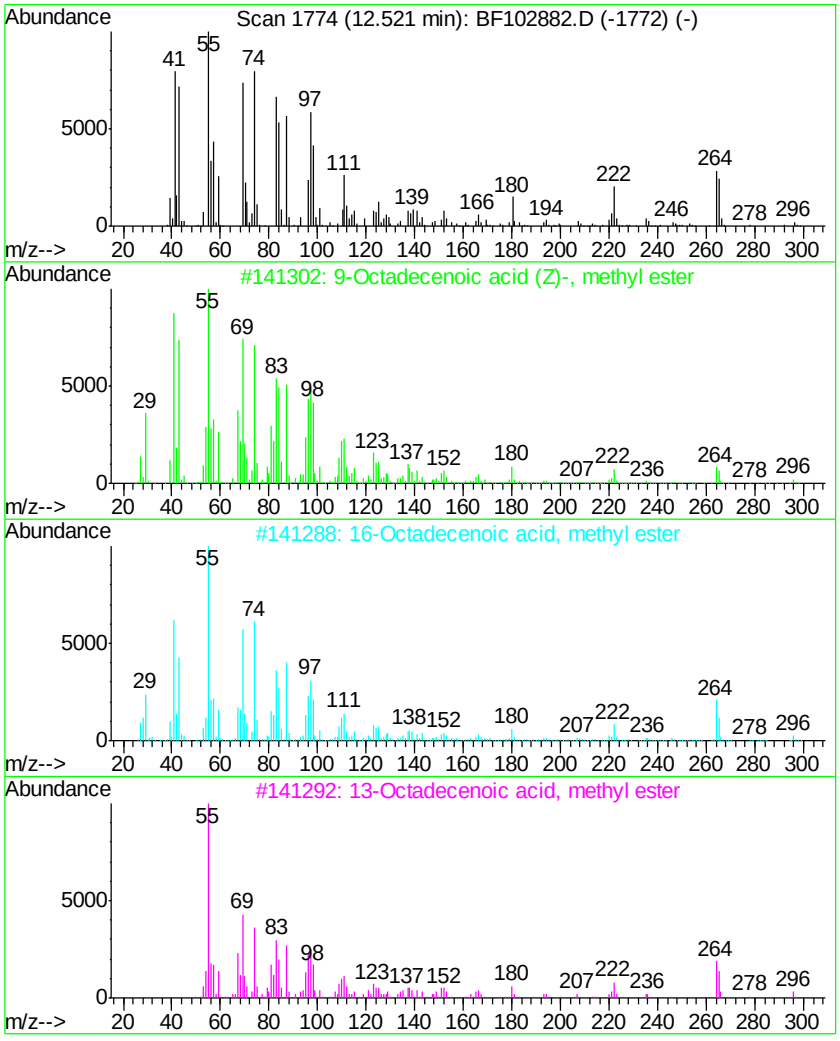
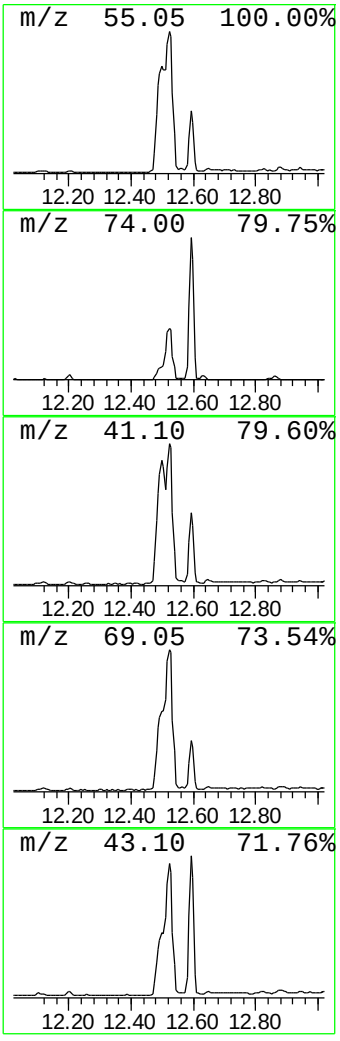
Peak Number 17 9-Octadecenoic acid (Z)-, m... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.52	219.63 ng	9536320	Phenanthrene-d10	11.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	94
2	16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	93
3	13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	83
4	cis-13-Octadecenoic acid, methyl...	296	C19H36O2	1000333-58-3	74
5	9-Octadecenoic acid, methyl este...	296	C19H36O2	001937-62-8	68





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ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-05-020718

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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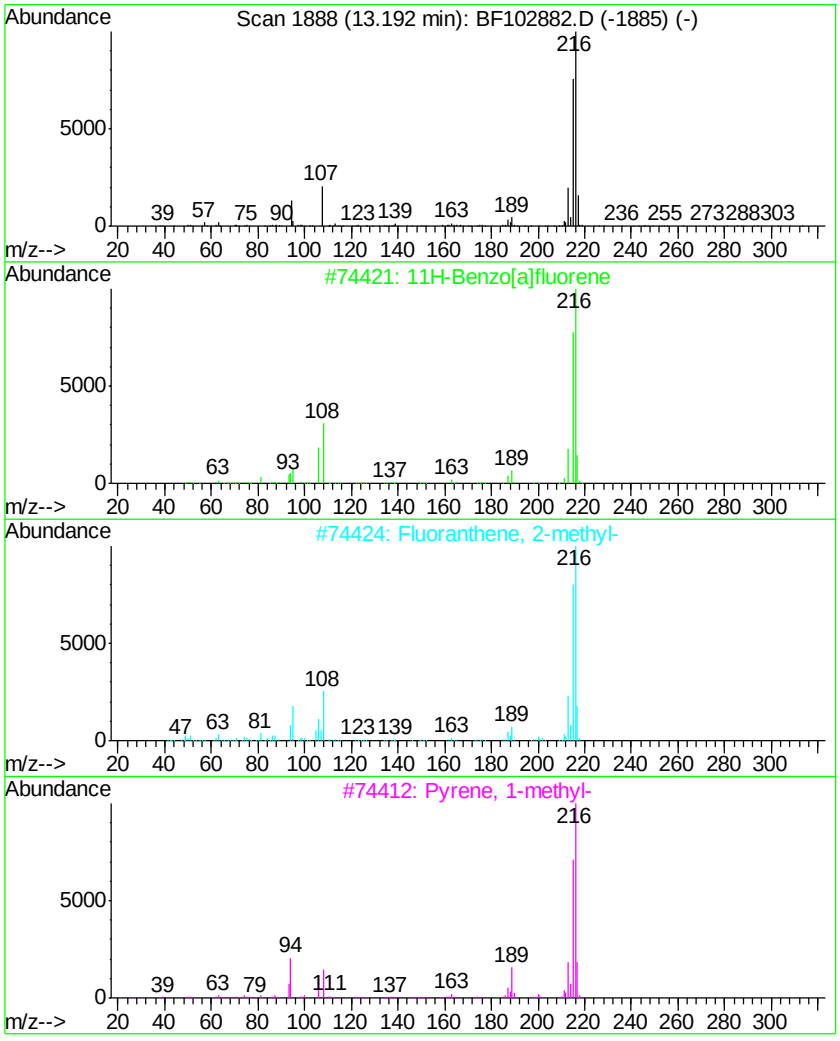
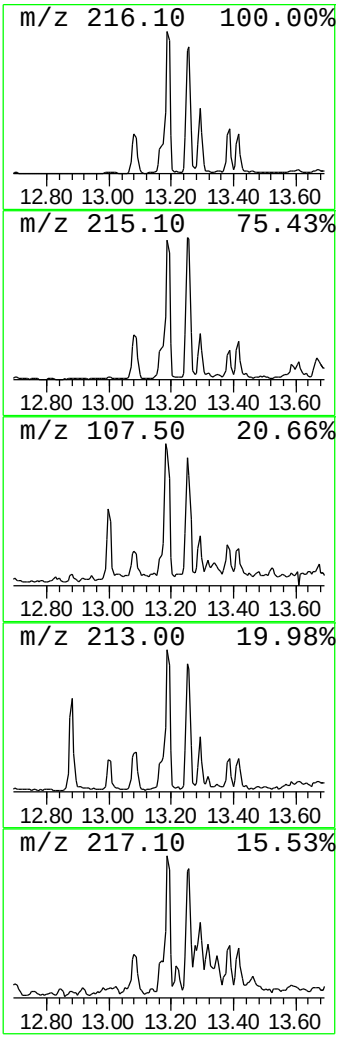
Peak Number 18 11H-Benzo[a]fluorene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.19	5.51 ng	704871	Chrysene-d12	14.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	94
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	74





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ALS Vial : 8 Sample Multiplier: 1

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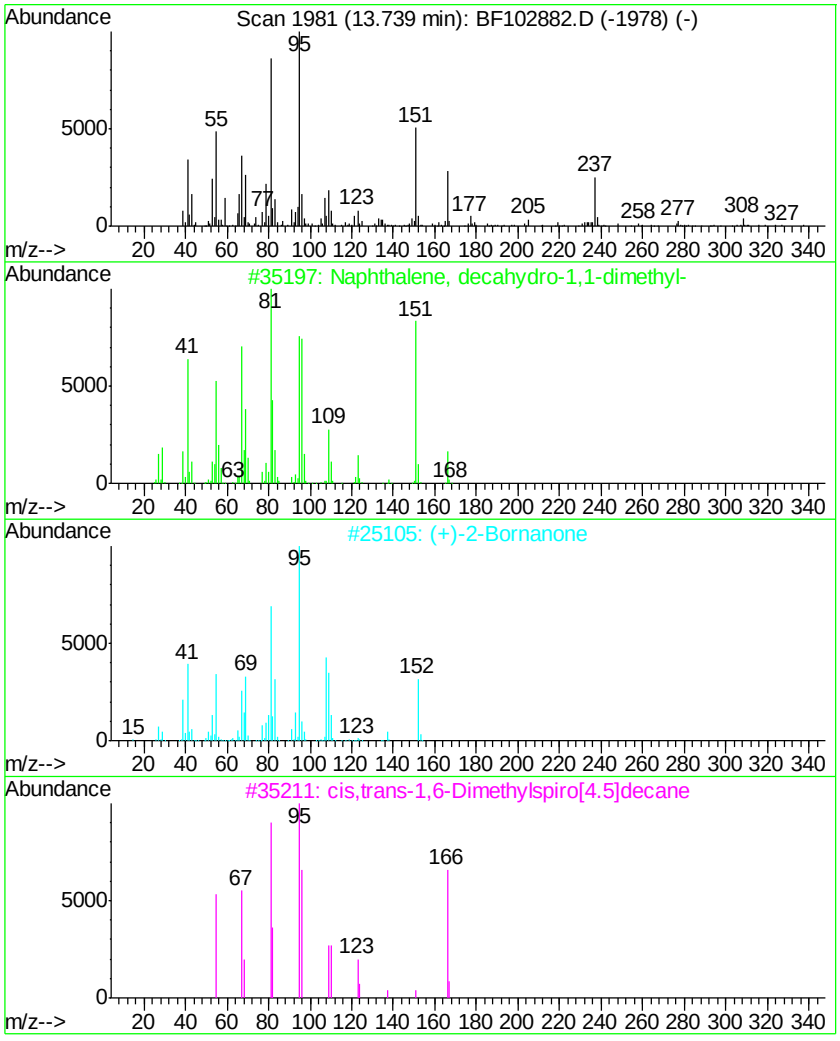
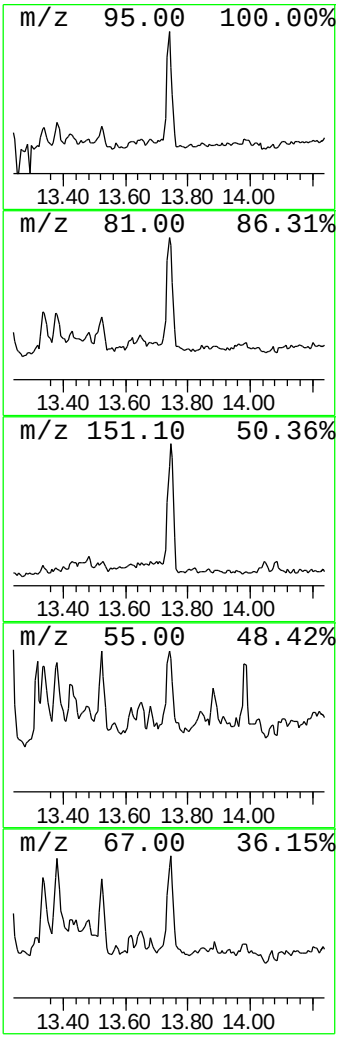
Peak Number 19 unknown13.74 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.74	6.00 ng	767715	Chrysene-d12	14.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, decahydro-1,1-dimet...	166	C12H22	035431-04-0	49
2	(+)-2-Bornanone	152	C10H16O	000464-49-3	38
3	cis,trans-1,6-Dimethylspiro[4.5]...	166	C12H22	1000111-72-3	38
4	Cyclohexene, 1-formyl-2-phenylsu...	276	C16H20O2S	081054-00-4	35
5	2,8-Bornanediol, stereoisomer	170	C10H18O2	013429-50-0	30





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020918\
Data File : BF102882.D
Acq On : 9 Feb 2018 12:17
Operator : SJ/JU
Sample : J1404-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-05-020718

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.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
Butane, 2-methoxy...	2.16	11.2	ng	609637	1	6.89	1087850	20.0
unknown6.66	6.66	68.9	ng	3746350	1	6.89	1087850	20.0
unknown9.50	9.50	4.7	ng	259150	3	9.92	1094140	20.0
Pentadecane	10.35	6.0	ng	325890	3	9.92	1094140	20.0
Dodecane	10.82	7.9	ng	343702	4	11.42	868394	20.0
unknown11.27	11.27	5.1	ng	220473	4	11.42	868394	20.0
Dibenzothiophene	11.31	7.0	ng	302397	4	11.42	868394	20.0
Hexadecanoic acid...	11.80	150.9	ng	6551850	4	11.42	868394	20.0
Anthracene, 2-met...	11.92	9.4	ng	410139	4	11.42	868394	20.0
Phenanthrene, 2-m...	11.99	6.3	ng	271193	4	11.42	868394	20.0
4H-Cyclopenta[def...	12.03	16.4	ng	711342	4	11.42	868394	20.0
1H-Cyclopropa[l]p...	12.05	4.8	ng	210512	4	11.42	868394	20.0
Tricyclo[8.2.2.2(...	12.21	7.4	ng	322219	4	11.42	868394	20.0
9,12-Octadecadien...	12.50	298.8	ng	12974000	4	11.42	868394	20.0
9-Octadecenoic ac...	12.52	219.6	ng	9536320	4	11.42	868394	20.0
11H-Benzo[a]fluorene	13.19	5.5	ng	704871	5	14.06	2557250	20.0
unknown13.74	13.74	6.0	ng	767715	5	14.06	2557250	20.0