LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF021218\
Data File : BF102908.D
Acq On : 12 Feb 2018 9:41
Operator : SJ/JU
Sample : J1404-01
Misc :
ALS Vial : 3 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	2.163	8	13	31	rVB	497621	824200	5.33%	0.801%
2	5.116	512	515	523	rVB	128002	176689	1.14%	0.172%
3	5.504	576	581	585	rBV	4252555	4768996	30.84%	4.637%
4	6.516	747	753	757	rBV	4146282	4646463	30.05%	4.518%
5	6.657	772	777	780	rBV	4528201	4531459	29.31%	4.406%
6	6.881	812	815	819	rBV	1415840	1290313	8.34%	1.255%
7	7.040	838	842	846	rBV	3546878	3254027	21.04%	3.164%
8	7.445	906	911	914	rBV	2828671	3008296	19.46%	2.925%
9	8.169	1030	1034	1036	rVV	1814699	1679240	10.86%	1.633%
10	9.239	1212	1216	1221	rBV	4057425	3885828	25.13%	3.779%
11	9.316	1226	1229	1232	rBV	189710	167704	1.08%	0.163%
12	9.498	1257	1260	1264	rBV2	282944	277336	1.79%	0.270%
13	9.575	1270	1273	1276	rBV2	152825	171531	1.11%	0.167%
14	9.633	1280	1283	1286	rVV	348586	340854	2.20%	0.331%
15	9.781	1305	1308	1311	rBV	176595	156568	1.01%	0.152%
16	9.845	1314	1319	1322	rVB	280171	261600	1.69%	0.254%
17	9.922	1326	1332	1335	rVV2	1874121	1658132	10.72%	1.612%
18	9.957	1335	1338	1340	rVB	443748	397494	2.57%	0.387%
19	10.122	1361	1366	1370	rVB2	316165	401041	2.59%	0.390%
20	10.233	1381	1385	1388	rBV2	140477	162697	1.05%	0.158%
21	10.345	1397	1404	1407	rBV2	404592	487832	3.15%	0.474%
22	10.469	1421	1425	1431	rVB2	474274	439978	2.85%	0.428%
23	10.628	1446	1452	1456	rVB3	185744	265251	1.72%	0.258%
24	10.710	1462	1466	1470	rVB	2215817	2246744	14.53%	2.185%
25	10.816	1481	1484	1490	rBV2	316350	505118	3.27%	0.491%
26	10.922	1498	1502	1505	rVB4	288057	289701	1.87%	0.282%
27	11.016	1514	1518	1521	rBV3	210812	271286	1.75%	0.264%
28	11.104	1530	1533	1535	rVB	245825	202738	1.31%	0.197%
29	11.145	1535	1540	1542	rVV3	192274	264601	1.71%	0.257%
30	11.263	1556	1560	1563	rVV2	293470	347673	2.25%	0.338%
31	11.304	1563	1567	1573	rVB	377422	456754	2.95%	0.444%
32	11.410	1582	1585	1587	rBV	1319915	1326256	8.58%	1.290%
33	11.439	1587	1590	1593	rVV	3511212	3102935	20.07%	3.017%
34	11.486	1595	1598	1601	rVV	1359422	1149621	7.43%	1.118%

LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF021218\
Data File : BF102908.D
Acq On : 12 Feb 2018 9:41
Operator : SJ/JU
Sample : J1404-01
Misc :
ALS Vial : 3 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	11.639	1622	1624	1631	rVB	193347	209116	1.35%	0.203%
36	11.704	1631	1635	1636	rBV2	142718	195547	1.26%	0.190%
37	11.739	1639	1641	1646	rVB2	173805	185856	1.20%	0.181%
38	11.804	1647	1652	1655	rBV	7122889	8510699	55.04%	8.276%
39	11.910	1667	1670	1672	rBV	577445	588212	3.80%	0.572%
40	11.939	1672	1675	1680	rVB	1485182	1357531	8.78%	1.320%
41	11.986	1680	1683	1686	rBV	322172	301977	1.95%	0.294%
42	12.027	1686	1690	1692	rBV2	886645	891782	5.77%	0.867%
43	12.045	1692	1693	1696	rVB	372660	264048	1.71%	0.257%
44	12.098	1696	1702	1703	rBV3	204163	284942	1.84%	0.277%
45	12.151	1708	1711	1712	rBV2	198322	225715	1.46%	0.219%
46	12.204	1718	1720	1723	rVB2	490499	467517	3.02%	0.455%
47	12.504	1764	1771	1773	rBV	6849449	15462631	100.00%	15.036%
48	12.592	1783	1786	1789	rVB	4788843	4711502	30.47%	4.582%
49	12.633	1789	1793	1798	rBV	3372334	3567088	23.07%	3.469%
50	12.722	1805	1808	1811	rVB2	274146	242164	1.57%	0.235%
51	12.863	1826	1832	1838	rVV2	2650709	3730580	24.13%	3.628%
52	12.910	1838	1840	1844	rVB2	150022	175935	1.14%	0.171%
53	12.998	1849	1855	1858	rBV	2353892	2478947	16.03%	2.411%
54	13.080	1864	1869	1872	rBV2	251724	470708	3.04%	0.458%
55	13.163	1880	1883	1884	rBV3	189680	196427	1.27%	0.191%
56	13.186	1884	1887	1890	rVB	758318	733604	4.74%	0.713%
57	13.239	1893	1896	1897	rVV	387137	455798	2.95%	0.443%
58	13.251	1897	1898	1901	rVB	706330	482412	3.12%	0.469%
59	13.292	1901	1905	1907	rBV2	304161	372638	2.41%	0.362%
60	13.316	1907	1909	1911	rVV	641066	516880	3.34%	0.503%
61	13.339	1911	1913	1917	rVV5	233771	303221	1.96%	0.295%
62	13.380	1917	1920	1923	rVV2	365642	390682	2.53%	0.380%
63	13.416	1923	1926	1932	rVB2	221582	371793	2.40%	0.362%
64	13.521	1942	1944	1948	rVB4	340263	299912	1.94%	0.292%
65	13.745	1978	1982	1985	rVB4	517520	714691	4.62%	0.695%
66	13.804	1989	1992	1994	rBV	304441	276603	1.79%	0.269%
67	13.833	1994	1997	1999	rVB	223112	170501	1.10%	0.166%
68	13.857	1999	2001	2003	rBV	140907	160129	1.04%	0.156%
69	13.980	2019	2022	2027	rVB2	566334	528491	3.42%	0.514%
70	14.051	2027	2034	2037	rBV2	1884045	2847476	18.42%	2.769%
71	14.086	2037	2040	2045	rVB	1396128	1360857	8.80%	1.323%

LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF021218\
Data File : BF102908.D
Acq On : 12 Feb 2018 9:41
Operator : SJ/JU
Sample : J1404-01
Misc :
ALS Vial : 3 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

72	14.163	2051	2053	2056	rVB	282698	197891	1.28%	0.192%
73	14.439	2098	2100	2103	rVB	293603	248667	1.61%	0.242%
74	14.563	2119	2121	2123	rBV	177752	155025	1.00%	0.151%
75	15.110	2210	2214	2217	rBV	851469	1349537	8.73%	1.312%
76	15.415	2263	2266	2272	rVB	548242	773409	5.00%	0.752%
77	15.486	2273	2278	2283	rBV	827064	1150694	7.44%	1.119%
78	15.545	2284	2288	2292	rBV	738258	1039541	6.72%	1.011%

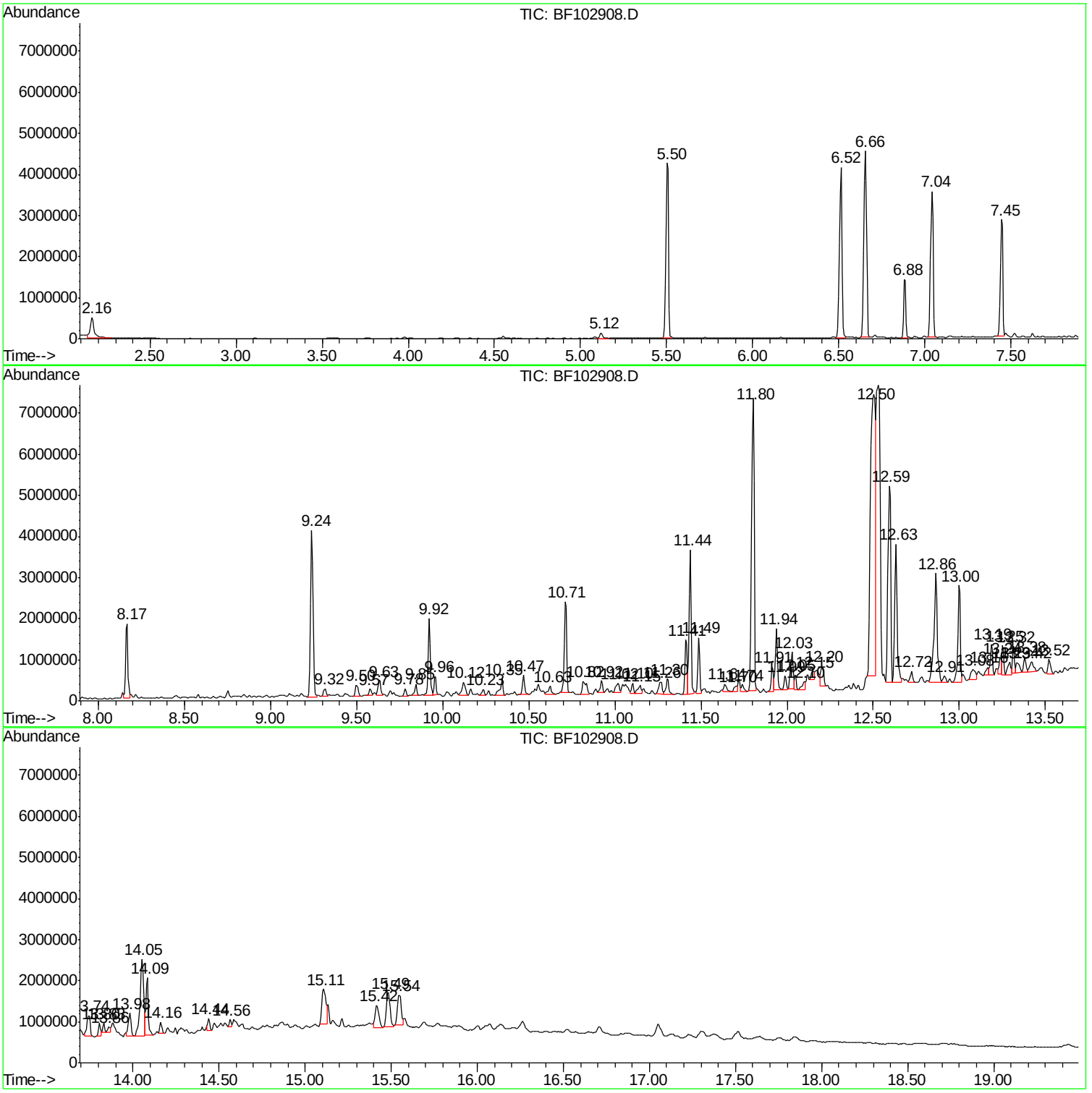
Sum of corrected areas: 102836332

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF021218\
Data File : BF102908.D
Acq On : 12 Feb 2018 9:41
Operator : SJ/JU
Sample : J1404-01
Misc :
ALS Vial : 3 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 : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF021218\
Data File : BF102908.D
Acq On : 12 Feb 2018 9:41
Operator : SJ/JU
Sample : J1404-01
Misc :
ALS Vial : 3 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

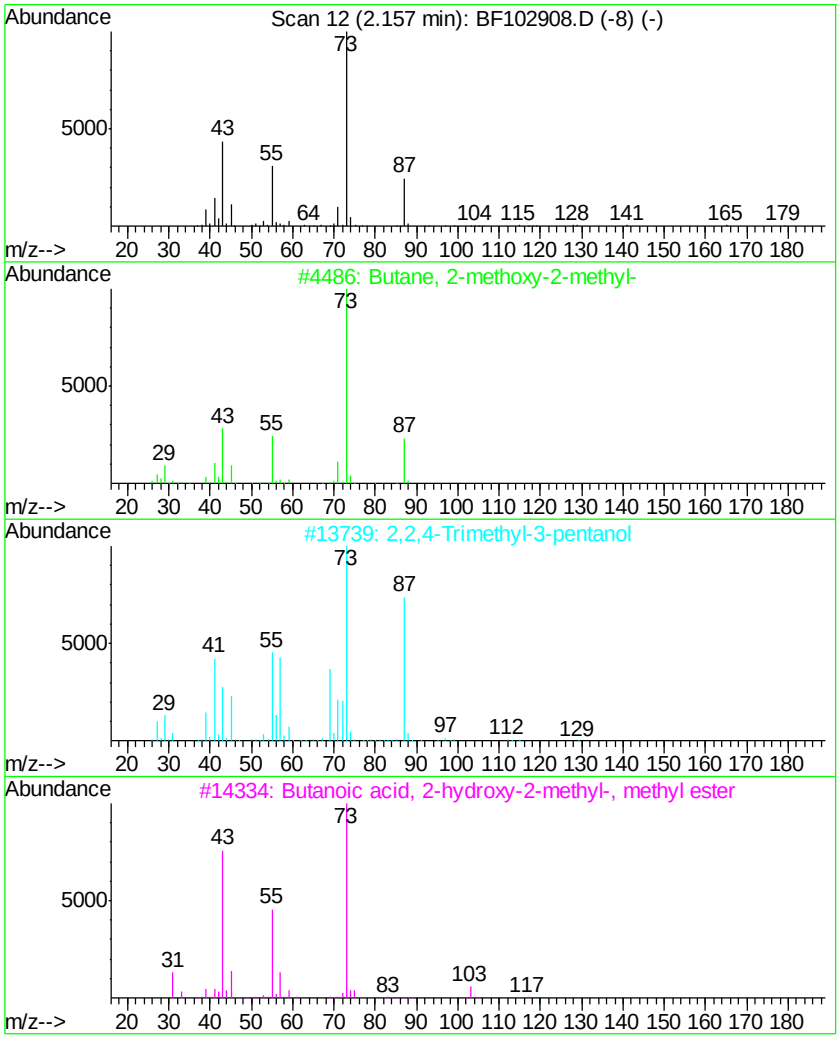
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

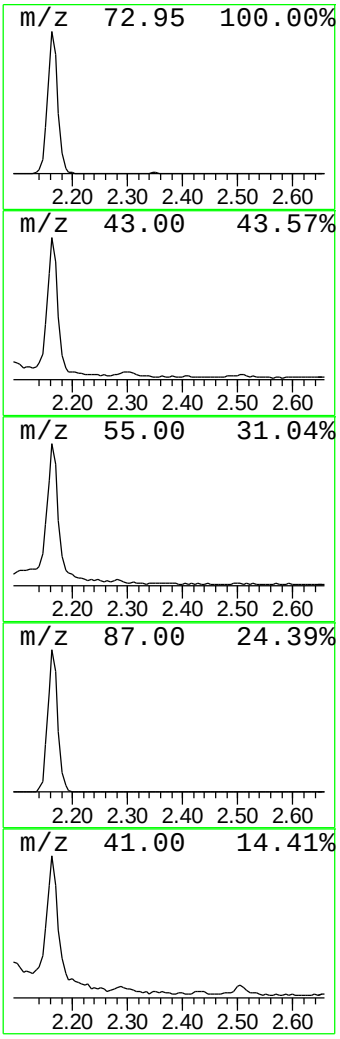
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.16	12.78 ng	824200	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	Butanoic acid, 2-hydroxy-2-methy...	132	C6H12O3	032793-34-3	32
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	32
5	2,5-Dimethyl-4-hydroxy-3-hexanone	144	C8H16O2	000815-77-0	28





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Data File : BF102908.D
Acq On : 12 Feb 2018 9:41
Operator : SJ/JU
Sample : J1404-01
Misc :
ALS Vial : 3 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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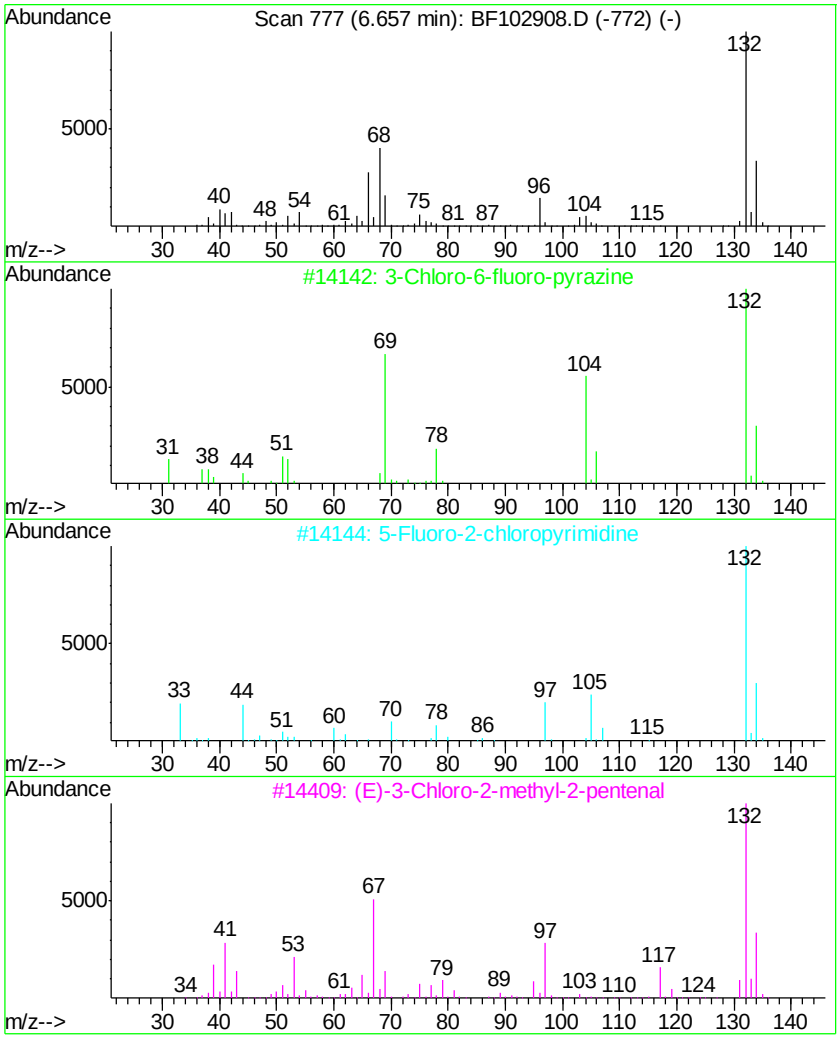
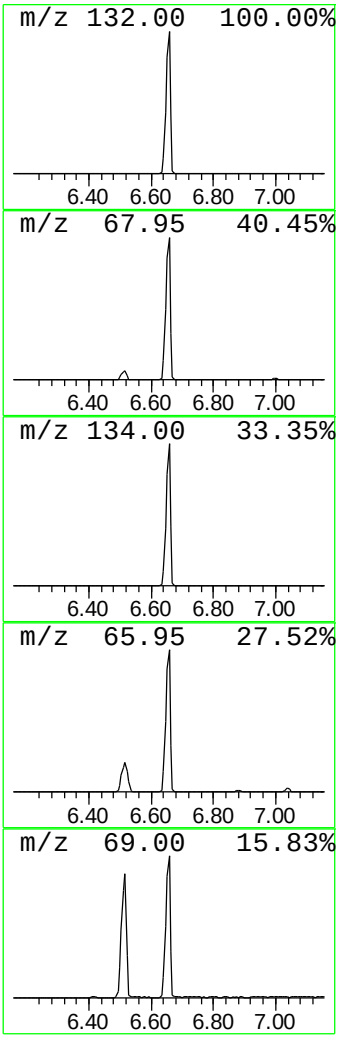
Peak Number 2 unknown6.66 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.66	70.24 ng	4531460	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	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
3	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	12
4	5-Aminoindole	132	C8H8N2	005192-03-0	12
5	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF021218\
Data File : BF102908.D
Acq On : 12 Feb 2018 9:41
Operator : SJ/JU
Sample : J1404-01
Misc :
ALS Vial : 3 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

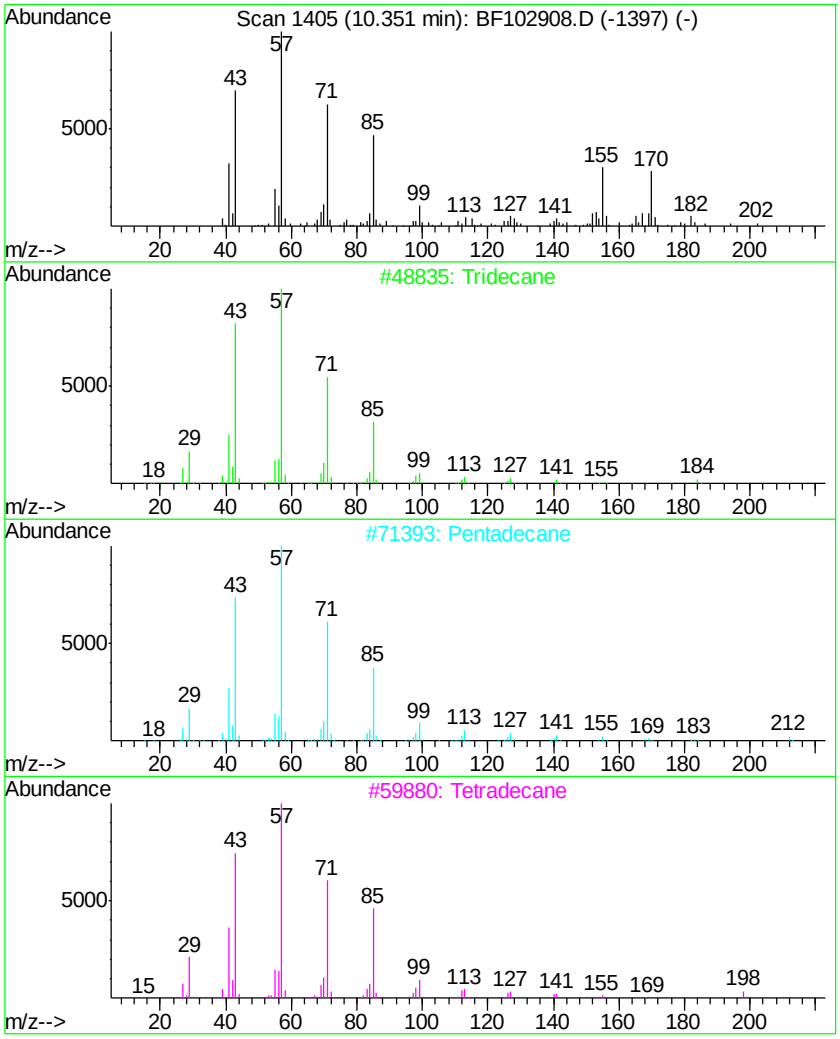
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

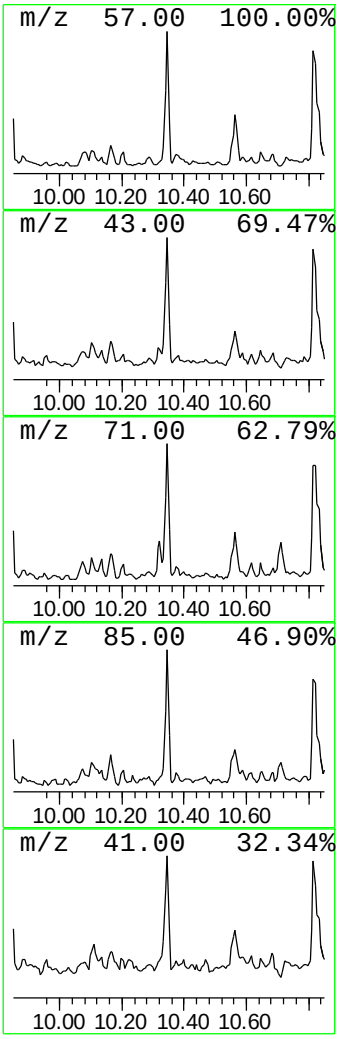
****

Peak Number 4 unknown10.35 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.35	5.88 ng	487832	Acenaphthene-d10	9.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	49
2	Pentadecane	212	C15H32	000629-62-9	49
3	Tetradecane	198	C14H30	000629-59-4	49
4	Hexadecane	226	C16H34	000544-76-3	49
5	Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	49





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF021218\
Data File : BF102908.D
Acq On : 12 Feb 2018 9:41
Operator : SJ/JU
Sample : J1404-01
Misc :
ALS Vial : 3 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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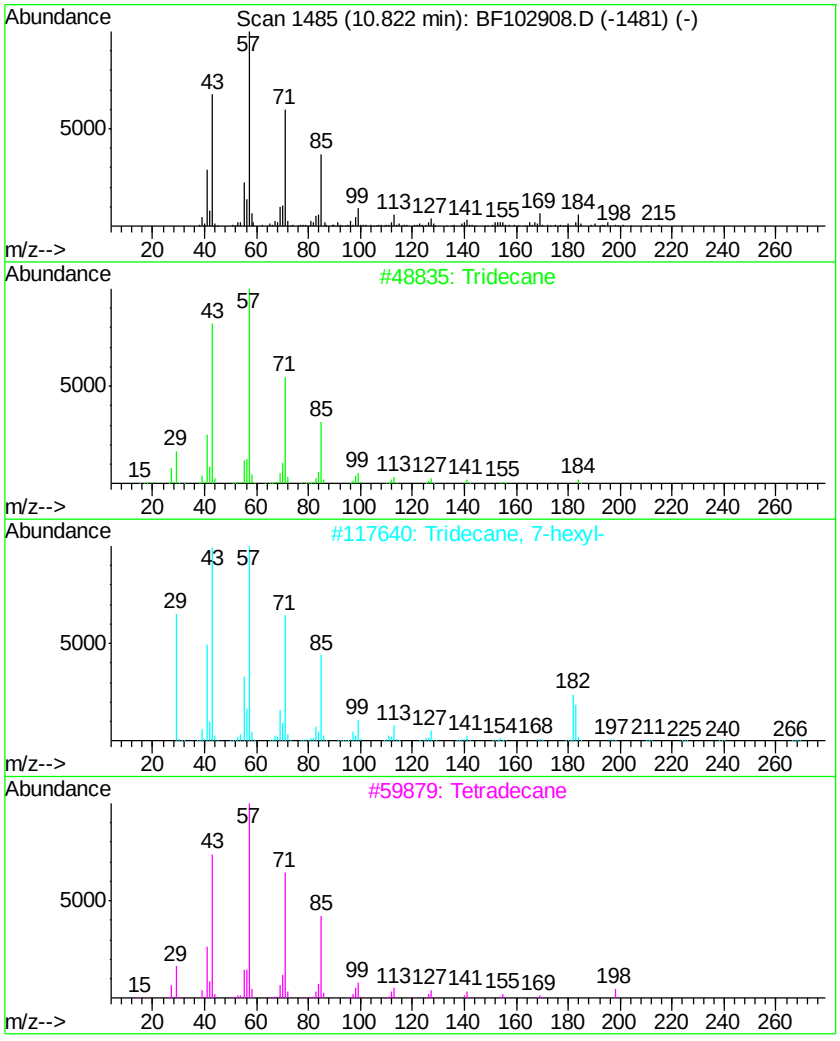
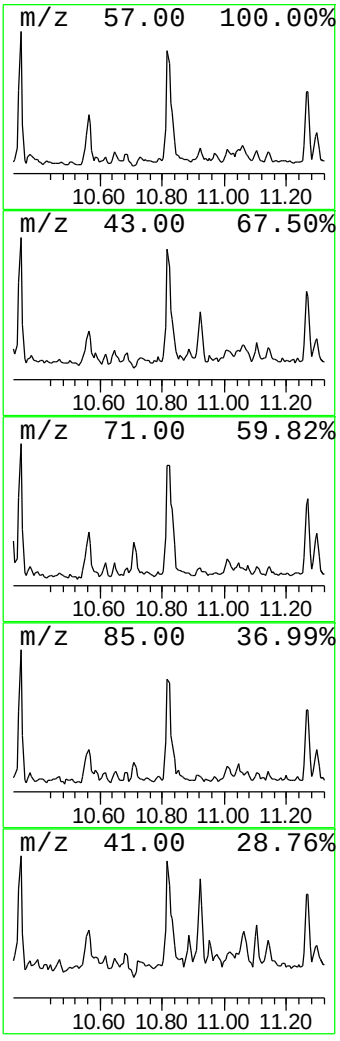
Peak Number 5 Tridecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.82	7.62 ng	505118	Phenanthrene-d10	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	96
2	Tridecane, 7-hexyl-	268	C19H40	007225-66-3	80
3	Tetradecane	198	C14H30	000629-59-4	80
4	Hexadecane	226	C16H34	000544-76-3	80
5	Pentadecane	212	C15H32	000629-62-9	80





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Data File : BF102908.D
Acq On : 12 Feb 2018 9:41
Operator : SJ/JU
Sample : J1404-01
Misc :
ALS Vial : 3 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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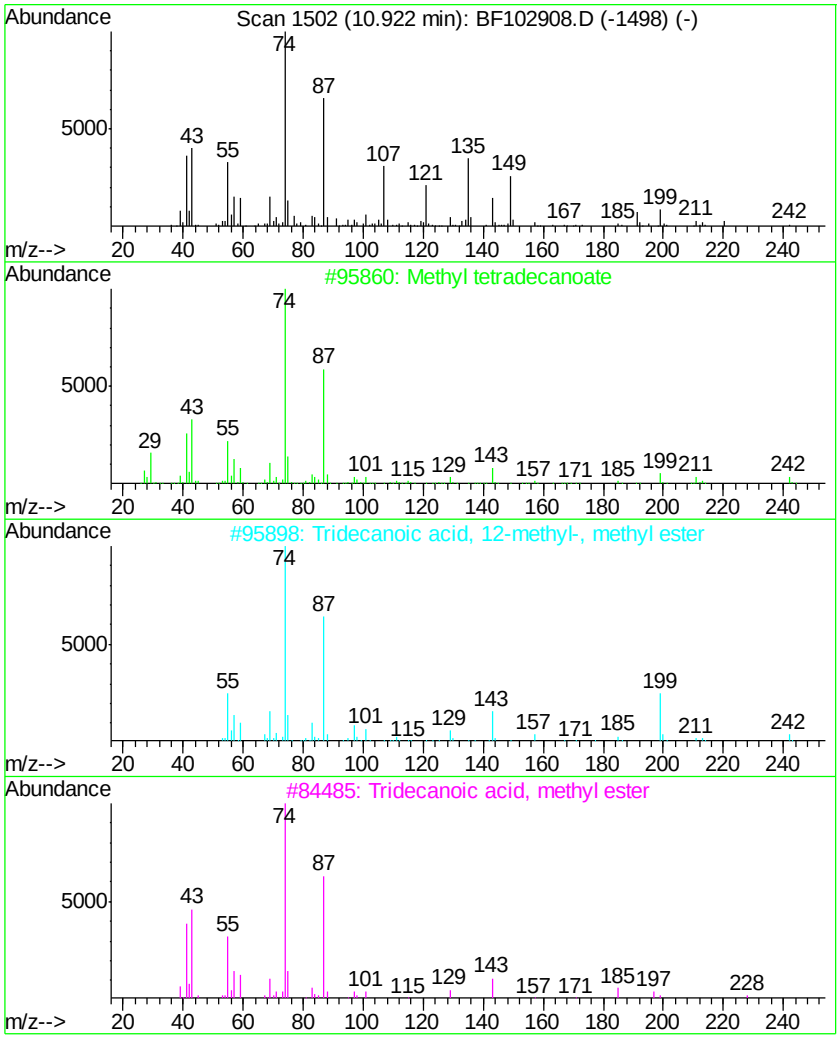
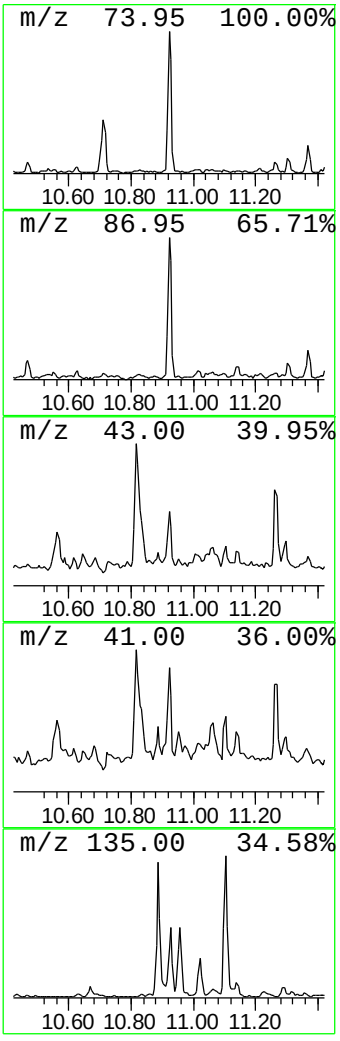
Peak Number 6 Methyl tetradecanoate Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.92	4.37 ng	289701	Phenanthrene-d10	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl tetradecanoate	242	C15H30O2	000124-10-7	62
2	Tridecanoic acid, 12-methyl-, me...	242	C15H30O2	005129-58-8	53
3	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	52
4	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	52
5	Nonanoic acid, methyl ester	172	C10H20O2	001731-84-6	50





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF021218\
Data File : BF102908.D
Acq On : 12 Feb 2018 9:41
Operator : SJ/JU
Sample : J1404-01
Misc :
ALS Vial : 3 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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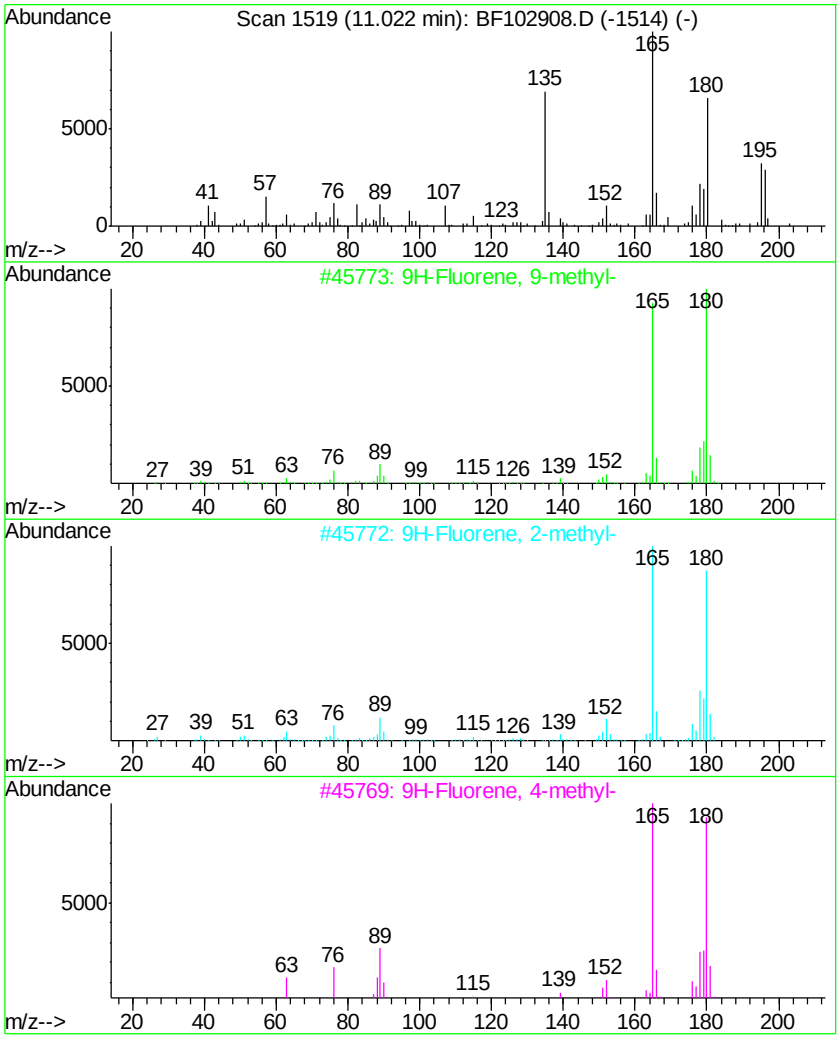
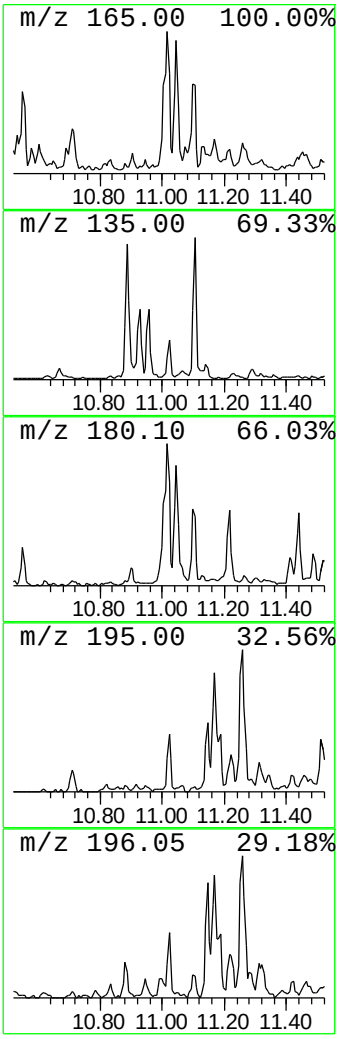
Peak Number 7 9H-Fluorene, 9-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.02	4.09 ng	271286	Phenanthrene-d10	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	91
2	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	90
3	9H-Fluorene, 4-methyl-	180	C14H12	001556-99-6	86
4	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	83
5	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	83





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Sample : J1404-01
Misc :
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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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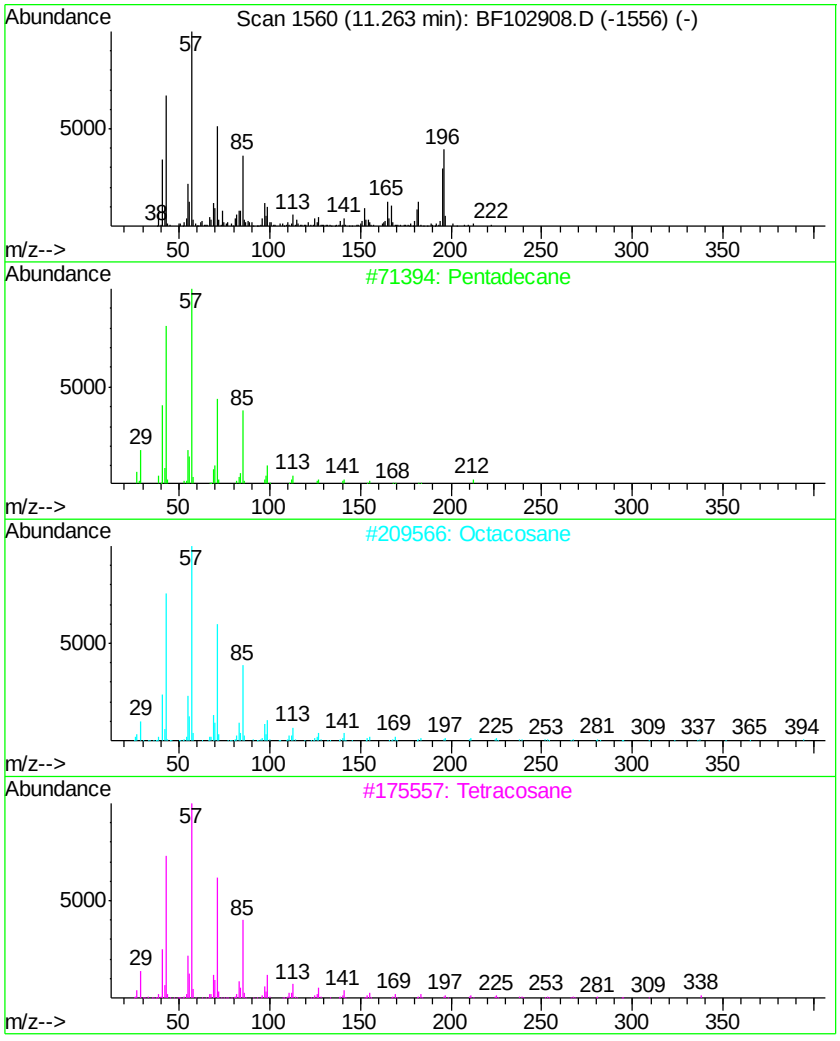
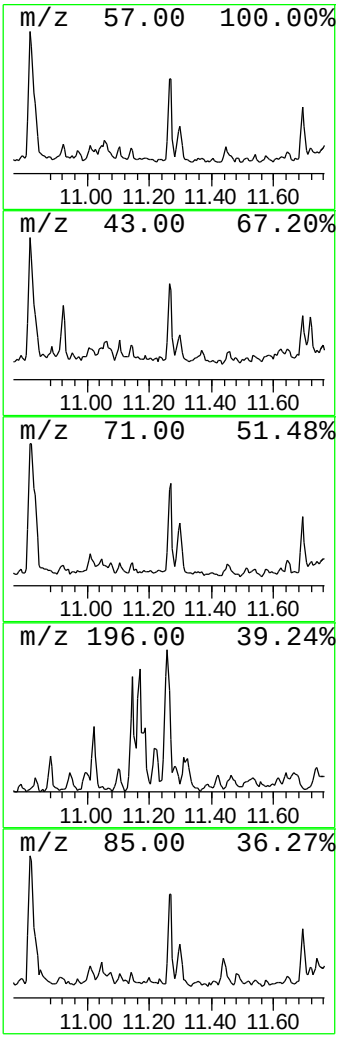
Peak Number 8 Pentadecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.26	5.24 ng	347673	Phenanthrene-d10	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	60
2	Octacosane	394	C28H58	000630-02-4	45
3	Tetracosane	338	C24H50	000646-31-1	45
4	Tetratetracontane	619	C44H90	007098-22-8	45
5	Heneicosane	296	C21H44	000629-94-7	45





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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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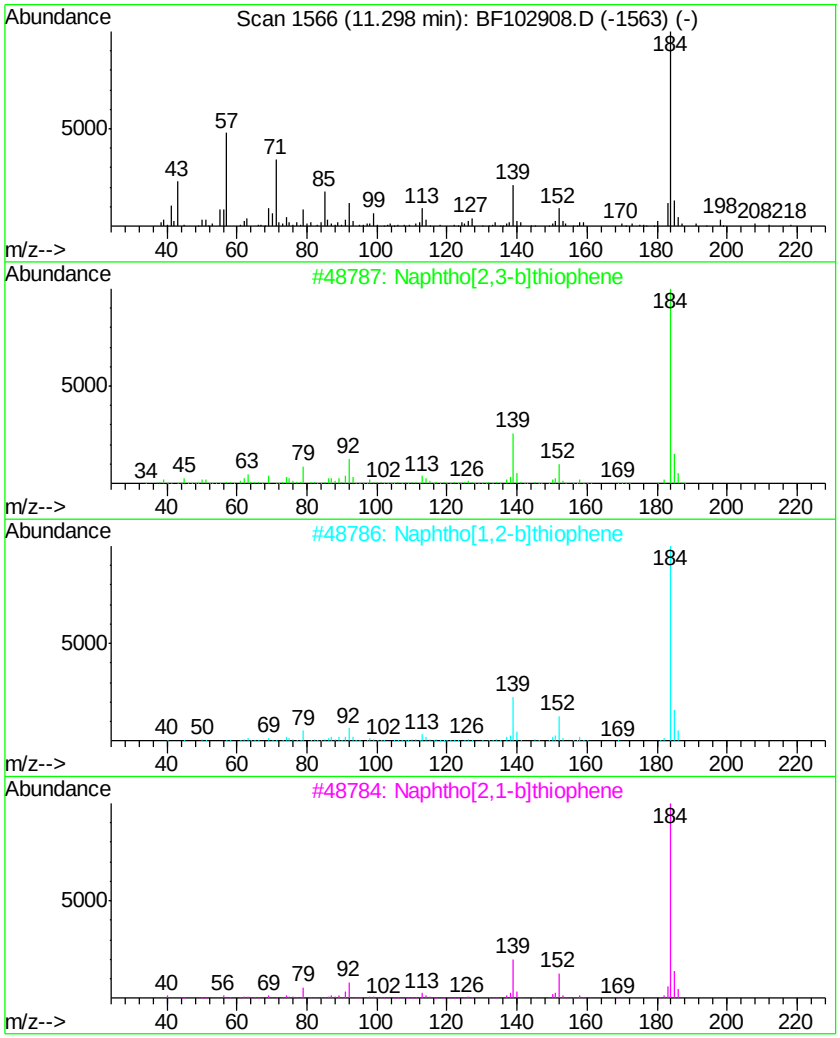
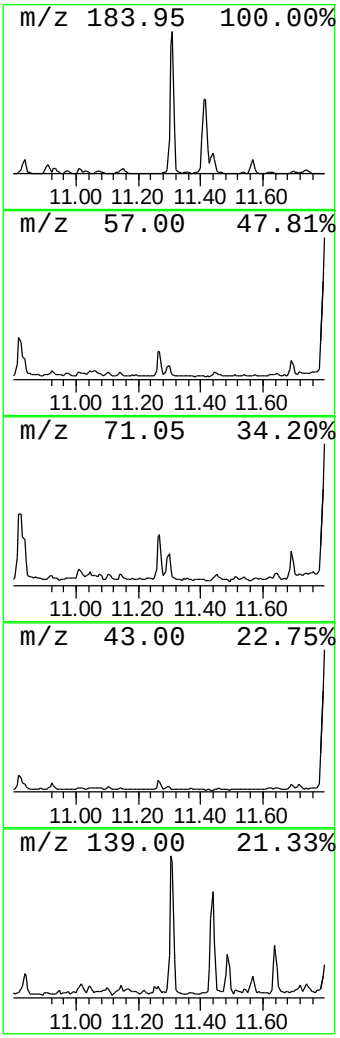
Peak Number 9 Naphtho[2,3-b]thiophene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.30	6.89 ng	456754	Phenanthrene-d10	11.41

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





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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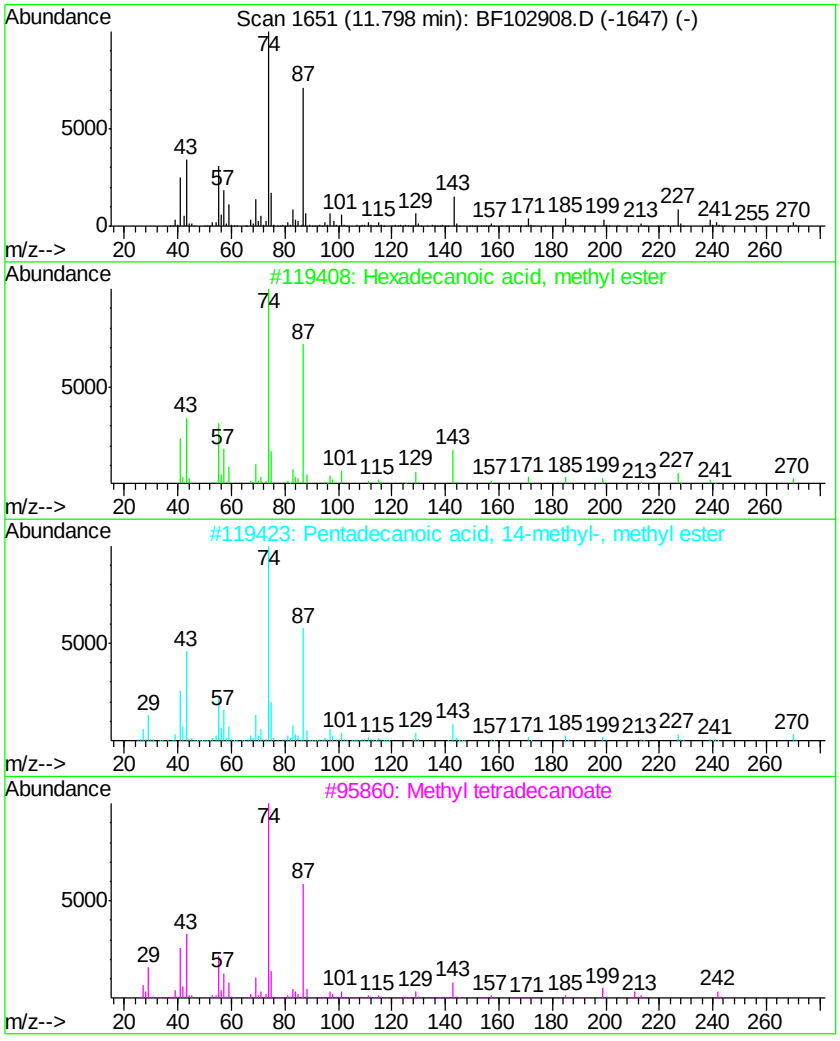
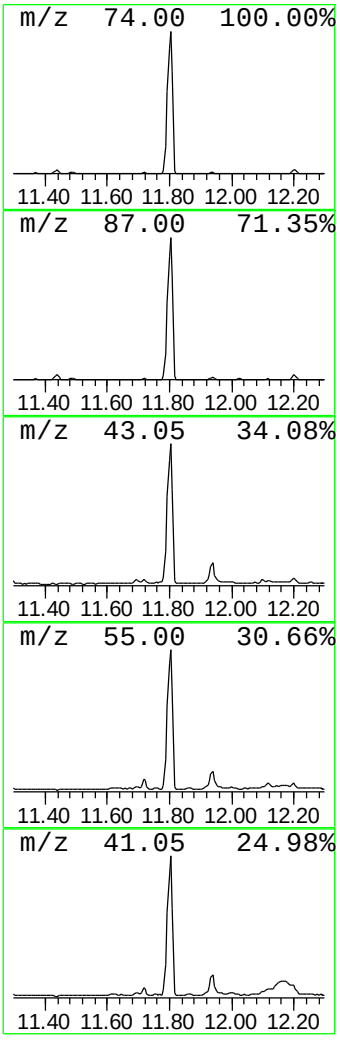
Peak Number 10 Hexadecanoic acid, methyl e... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.80	128.34 ng	8510700	Phenanthrene-d10	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	98
2	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	93
3	Methyl tetradecanoate	242	C15H30O2	000124-10-7	87
4	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	87
5	Dodecanoic acid, 10-methyl-, met...	228	C14H28O2	005129-65-7	87





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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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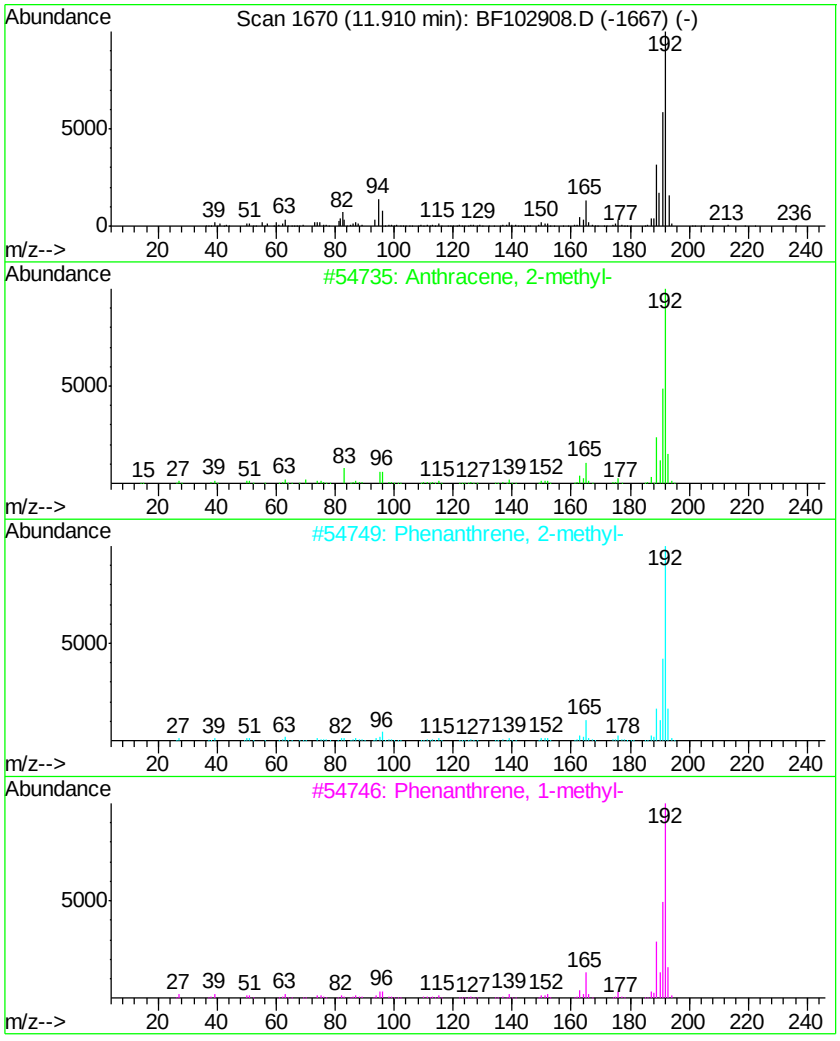
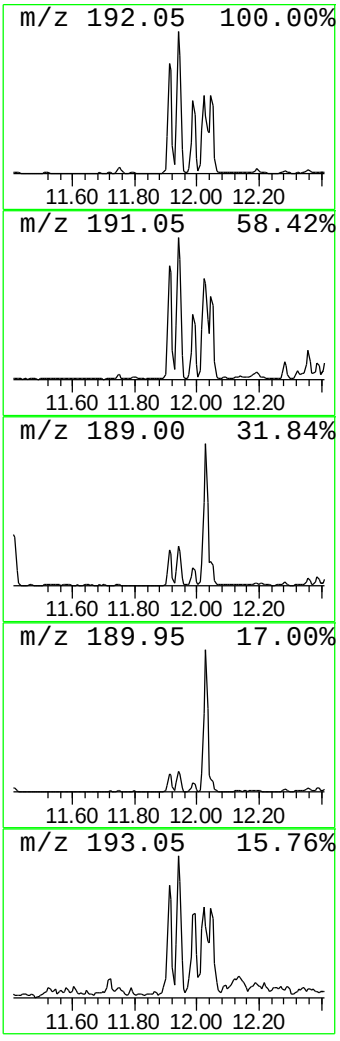
Peak Number 11 Anthracene, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.91	8.87 ng	588212	Phenanthrene-d10	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	90
5	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	90





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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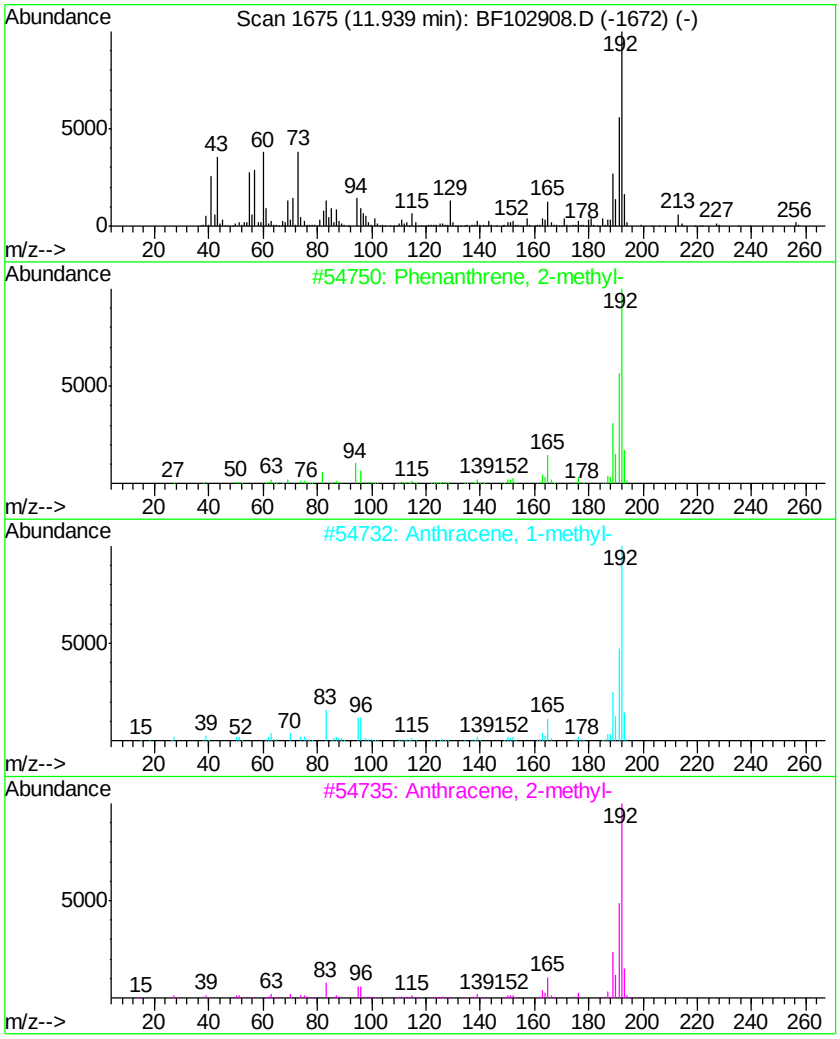
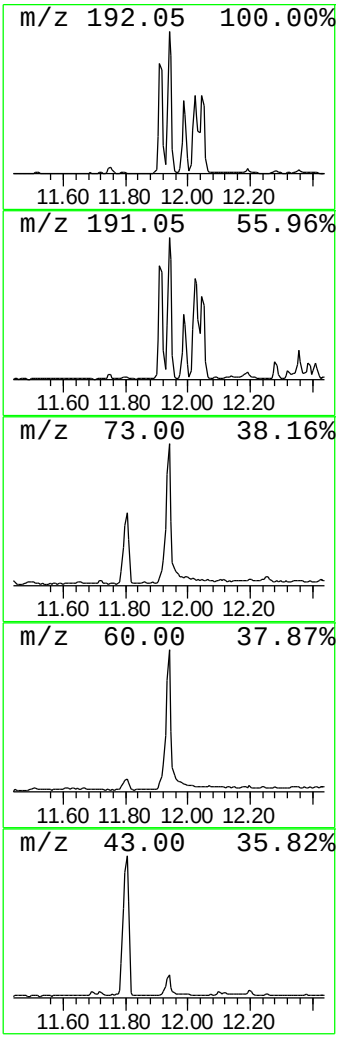
Peak Number 12 Phenanthrene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.94	20.47 ng	1357530	Phenanthrene-d10	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	97
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96





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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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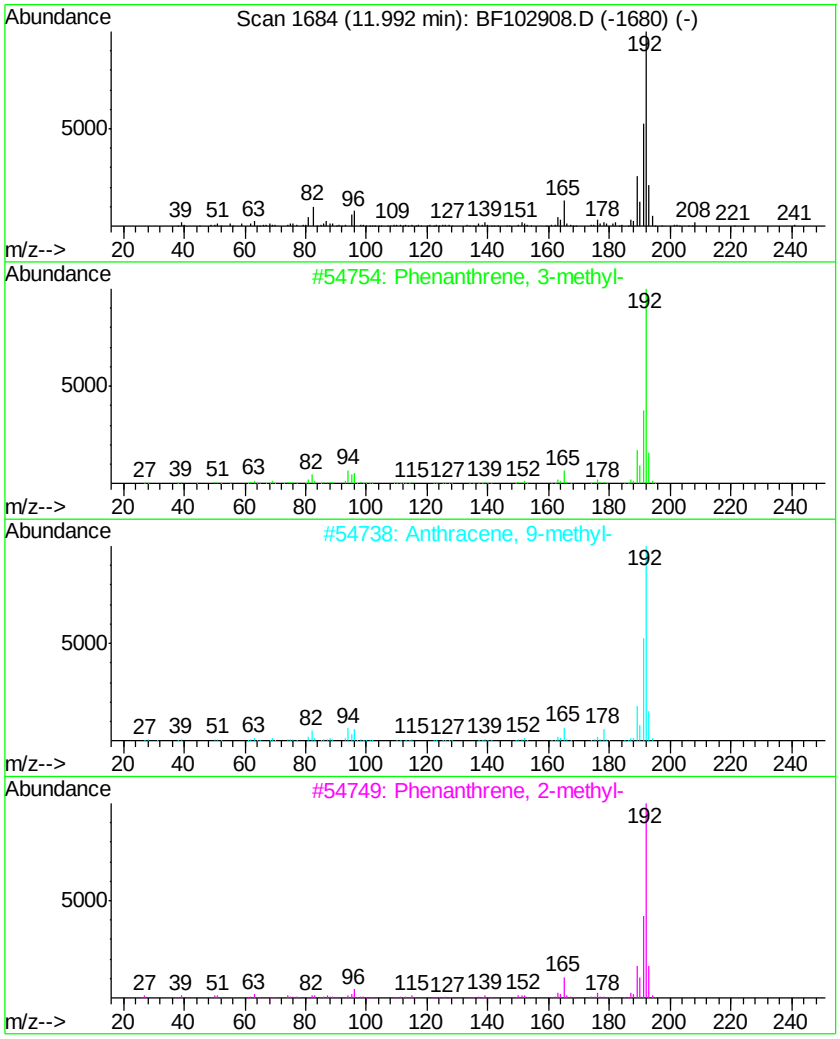
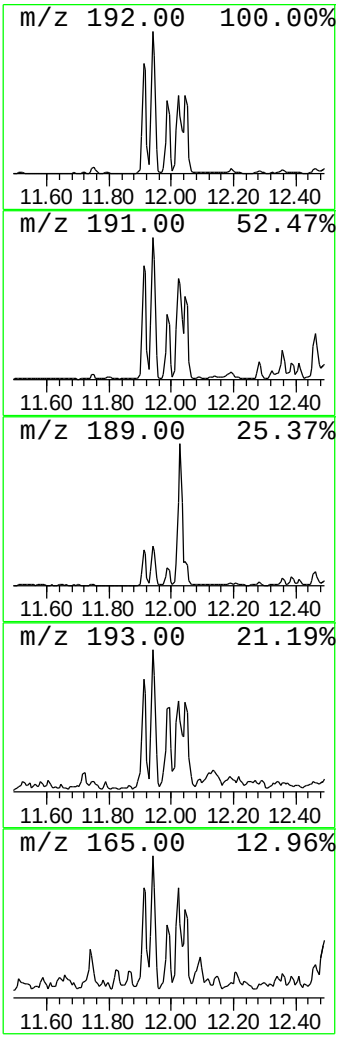
Peak Number 13 Phenanthrene, 3-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.99	4.55 ng	301977	Phenanthrene-d10	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	95
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	95
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	94
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	93





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Misc :
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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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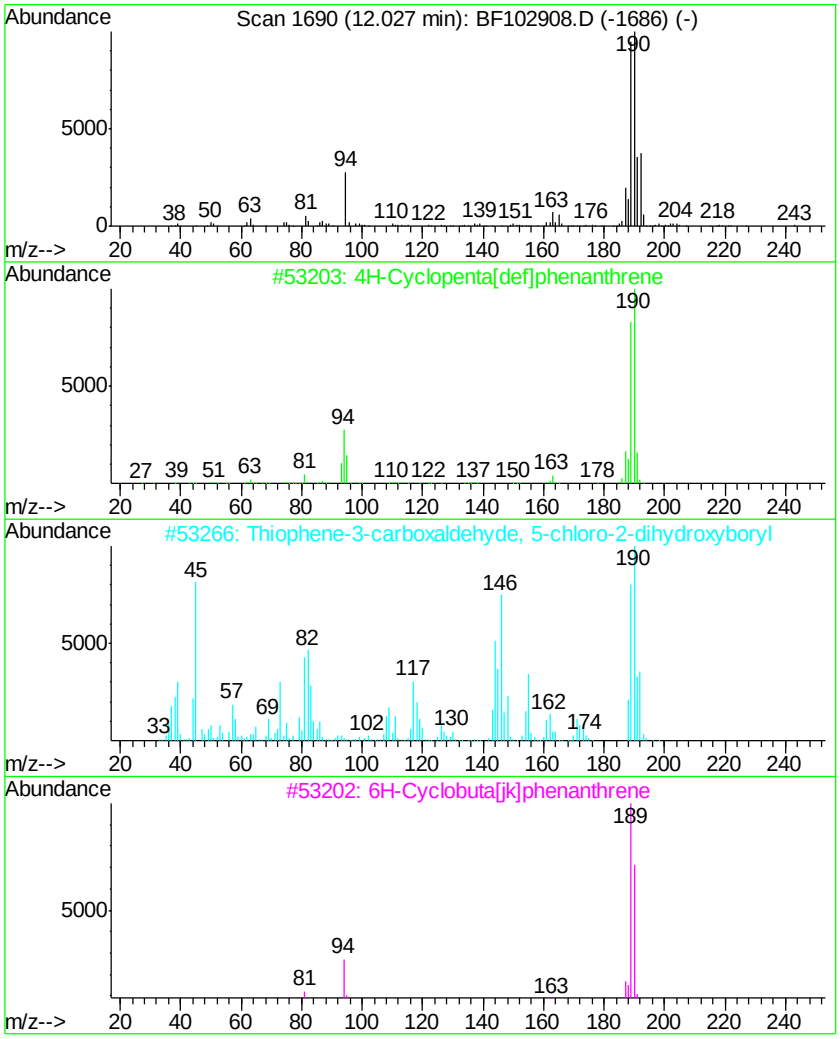
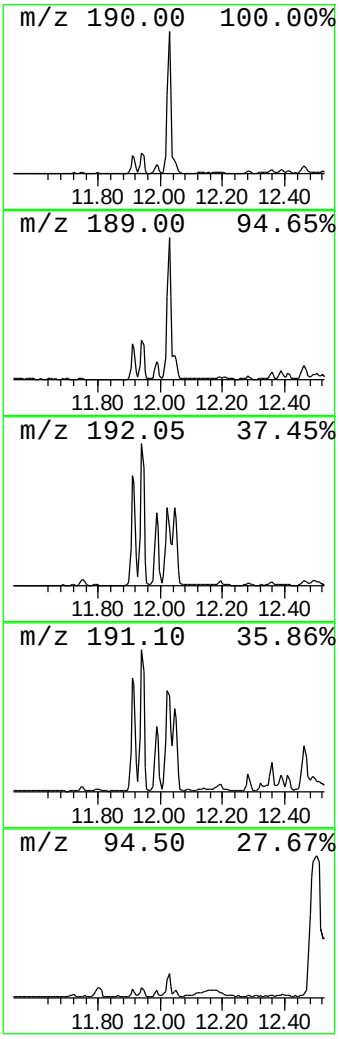
Peak Number 14 4H-Cyclopenta[def]phenanthrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.03	13.45 ng	891782	Phenanthrene-d10	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	94
2	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	53
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	50
4	Methyl diselenide	190	C2H6Se2	007101-31-7	49
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	45





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Misc :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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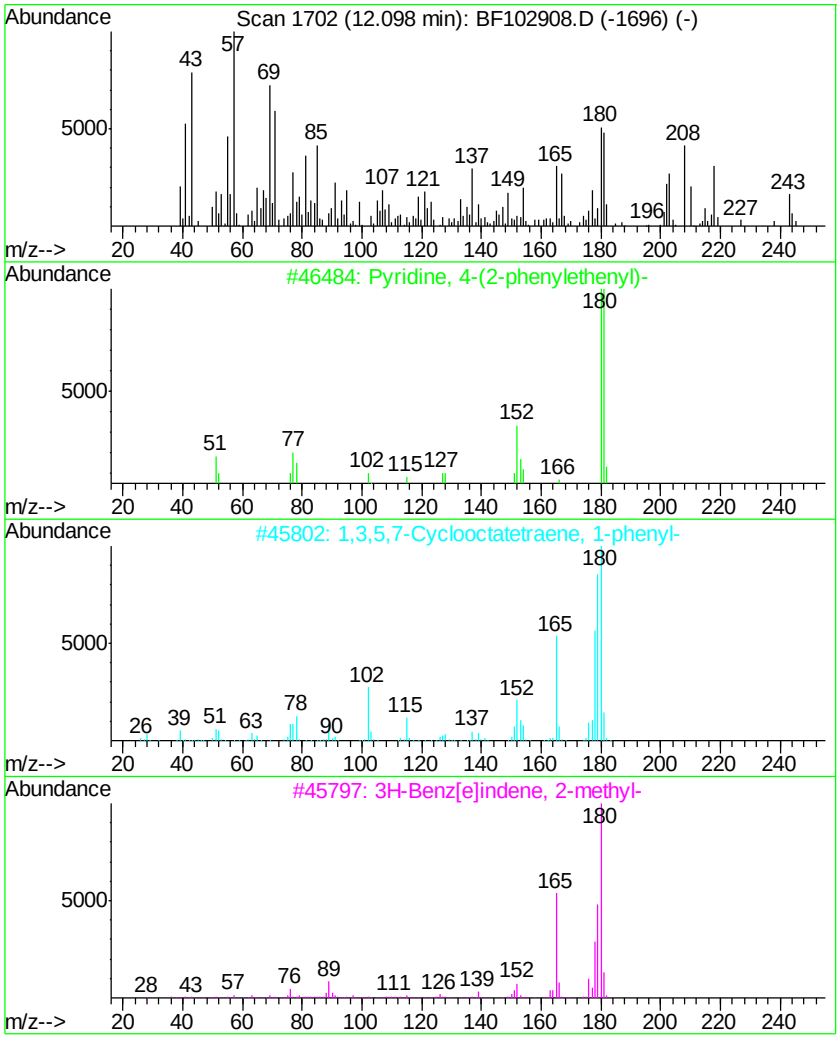
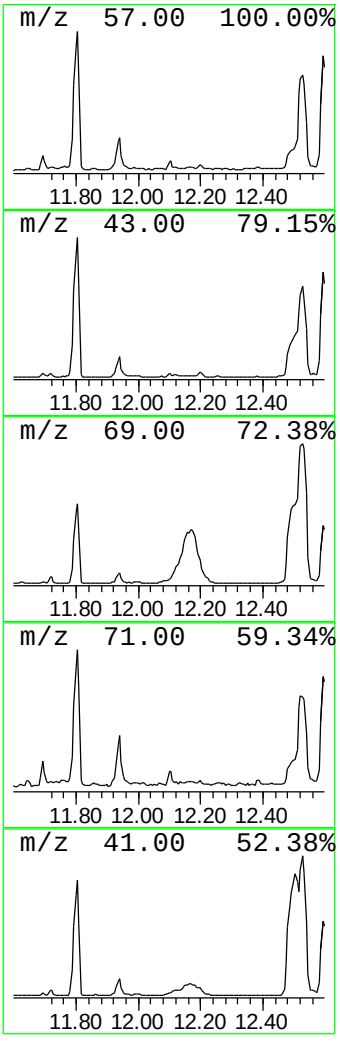
Peak Number 15 unknown12.10 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.10	4.30 ng	284942	Phenanthrene-d10	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyridine, 4-(2-phenylethenyl)-	181	C13H11N	000103-31-1	11
2	1,3,5,7-Cyclooctatetraene, 1-phe...	180	C14H12	004603-00-3	11
3	3H-Benz[e]indene, 2-methyl-	180	C14H12	150096-60-9	11
4	Ethylene, 1,1-diphenyl-	180	C14H12	000530-48-3	10
5	4-(2-Phenylvinyl)pyridine, trans-	181	C13H11N	005097-93-8	10





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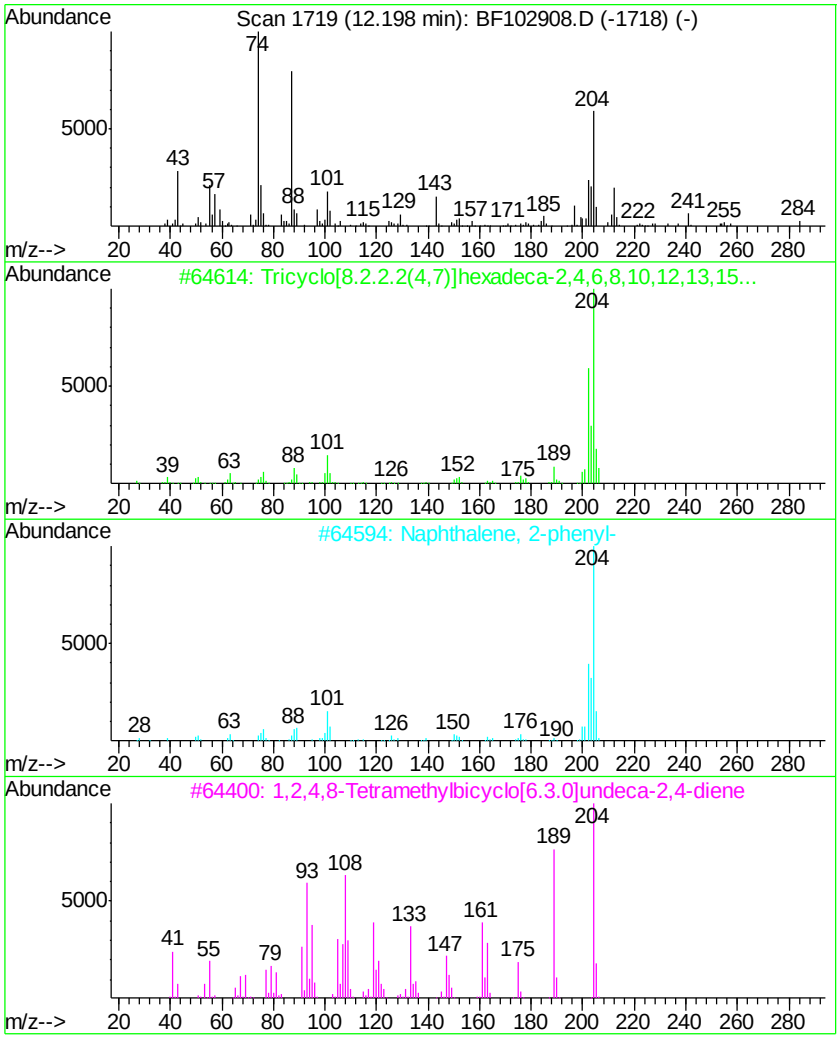
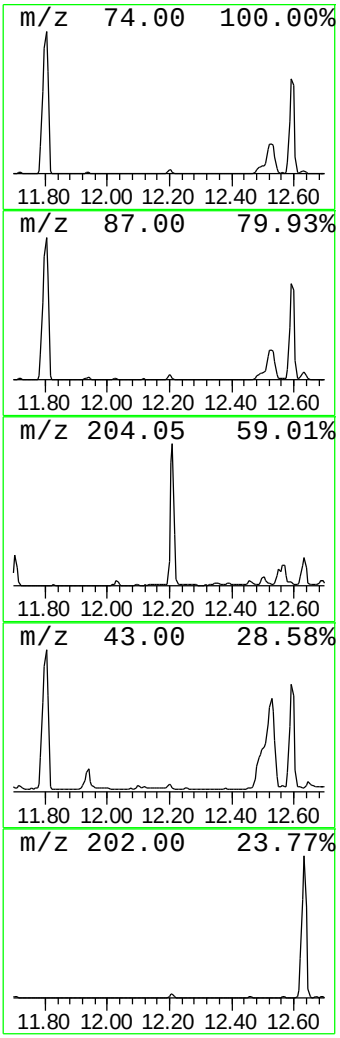
Peak Number 16 Tricyclo[8.2.2.2(4,7)]hexad... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.20	7.05 ng	467517	Phenanthrene-d10	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	93
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	93
3	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	83
4	6-Phenylbenzocycloheptен-7-one	232	C17H12O	093327-56-1	80
5	9,10-di(Chloromethyl)anthracene	274	C16H12Cl2	010387-13-0	80





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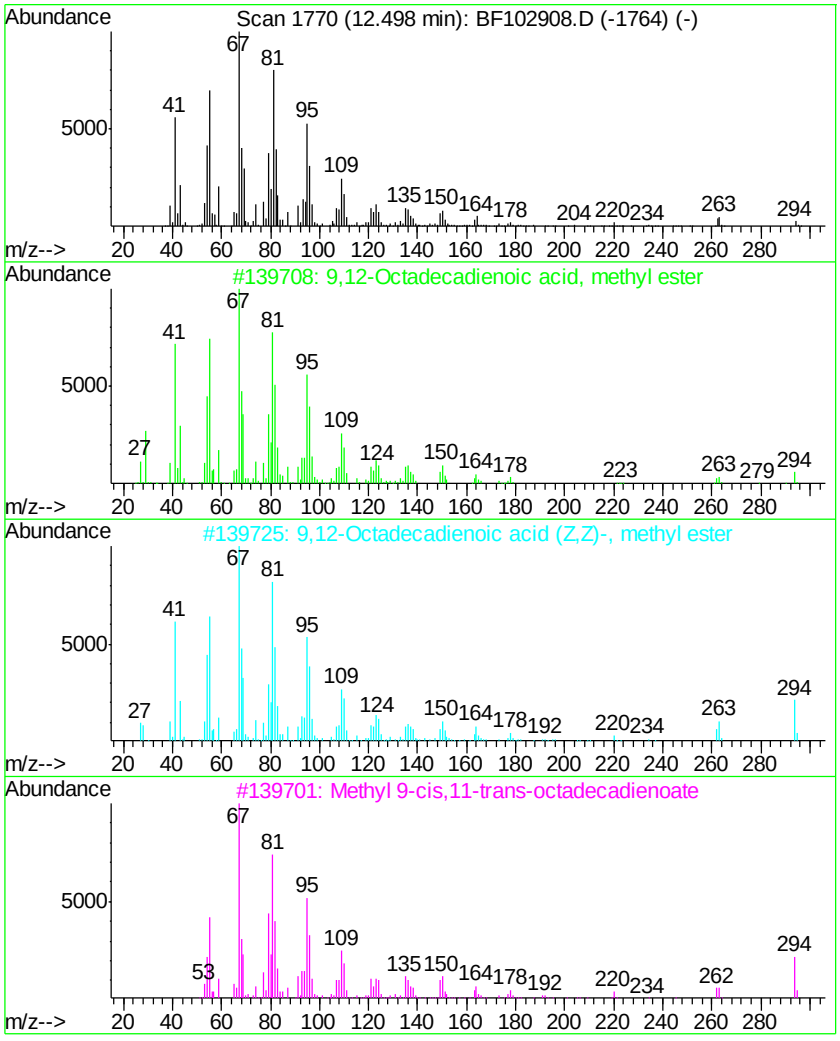
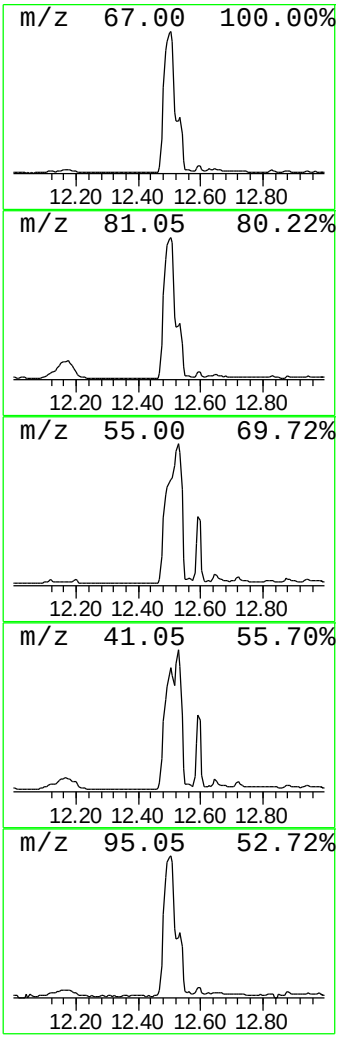
Peak Number 17 9,12-Octadecadienoic acid, ... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.50	233.18 ng	15462600	Phenanthrene-d10	11.41

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 (Z,Z)-...	294	C19H34O2	000112-63-0	99
3	Methyl 9-cis,11-trans-octadecadi...	294	C19H34O2	1000336-44-0	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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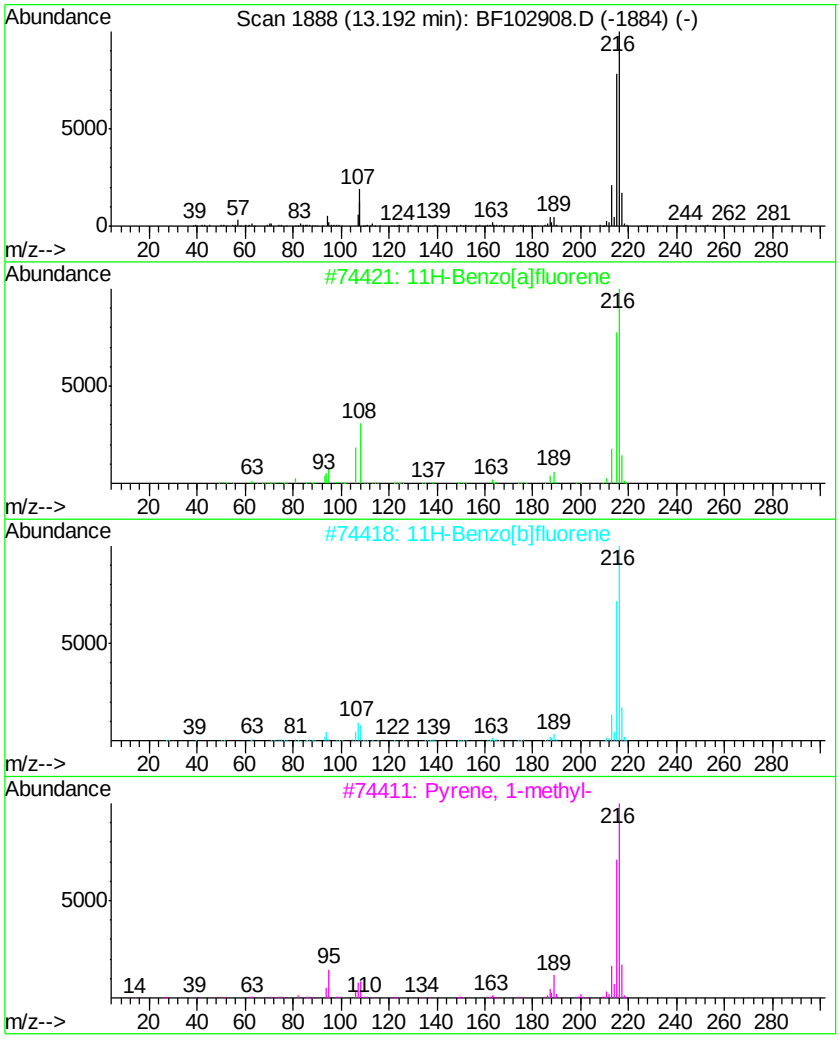
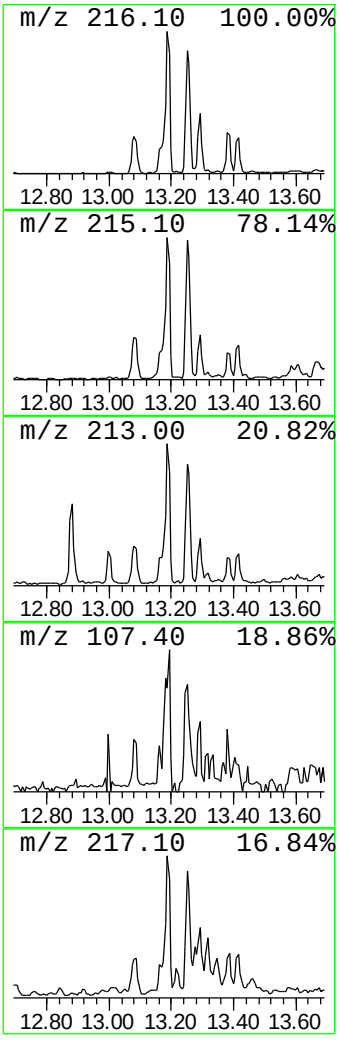
Peak Number 18 11H-Benzo[a]fluorene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.19	5.15 ng	733604	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	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	81
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	76
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	72





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ClientSampleId : TR-05-020718

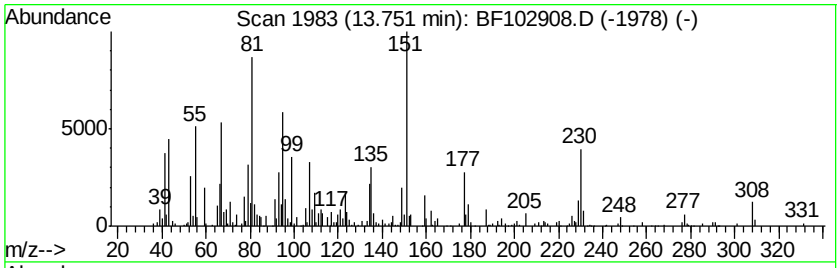
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

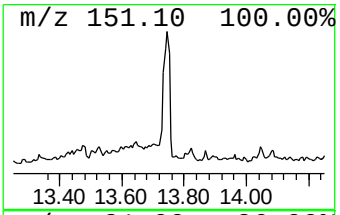
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

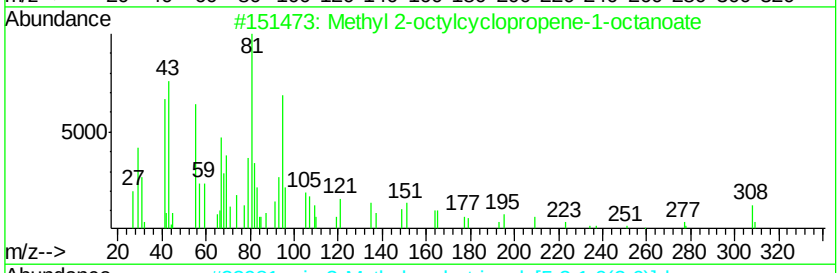
****
Peak Number 19 Methyl 2-octylcyclopropene-... Concentration Rank 16

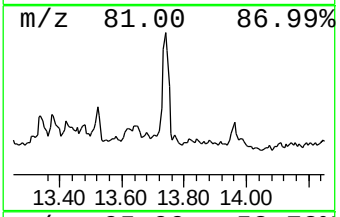
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.75	5.02 ng	714691	Chrysene-d12	14.06

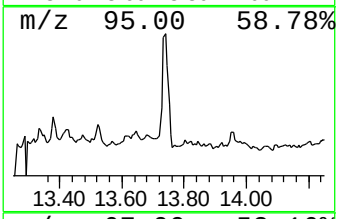
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl 2-octylcyclopropene-1-oct...	308	C20H36O2	003220-60-8	55
2	cis-3-Methyl-endo-tricyclo[5.2.1...	150	C11H18	1000215-29-0	45
3	3,7,11,Trimethyl-8,10- dodecedie...	266	C17H30O2	1000374-10-3	27
4	2,3'-Bifuran, 2,3,4,5-tetrahydro...	246	C15H18O3	055721-94-3	22
5	2-Hexyne, 4-methyl-	96	C7H12	020198-49-6	18

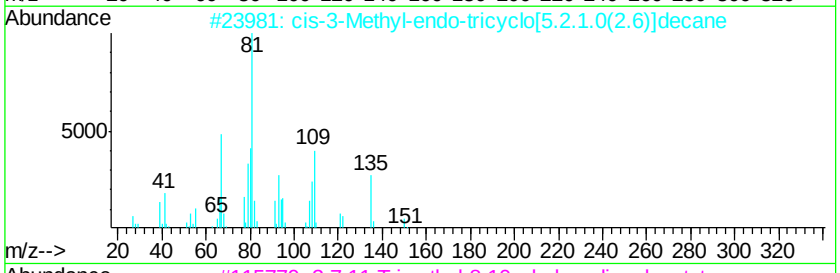


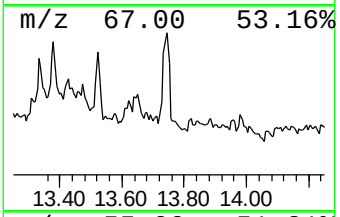


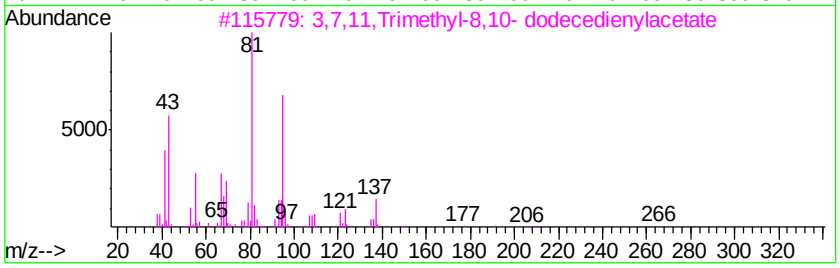


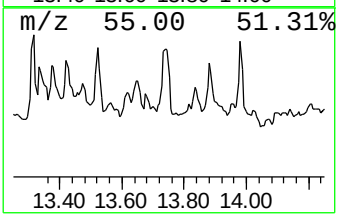












Tentatively Identified Compound (LSC) summary

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_F\DATA\BF021218\
Data File : BF102908.D
Acq On : 12 Feb 2018 9:41
Operator : SJ/JU
Sample : J1404-01
Misc :
ALS Vial : 3 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	12.8	ng	824200	1	6.89	1290310	20.0
unknown6.66	6.66	70.2	ng	4531460	1	6.89	1290310	20.0
unknown10.35	10.35	5.9	ng	487832	3	9.92	1658130	20.0
Tridecane	10.82	7.6	ng	505118	4	11.41	1326260	20.0
Methyl tetradecan...	10.92	4.4	ng	289701	4	11.41	1326260	20.0
9H-Fluorene, 9-me...	11.02	4.1	ng	271286	4	11.41	1326260	20.0
Pentadecane	11.26	5.2	ng	347673	4	11.41	1326260	20.0
Naphtho[2,3-b]thi...	11.30	6.9	ng	456754	4	11.41	1326260	20.0
Hexadecanoic acid...	11.80	128.3	ng	8510700	4	11.41	1326260	20.0
Anthracene, 2-met...	11.91	8.9	ng	588212	4	11.41	1326260	20.0
Phenanthrene, 2-m...	11.94	20.5	ng	1357530	4	11.41	1326260	20.0
Phenanthrene, 3-m...	11.99	4.5	ng	301977	4	11.41	1326260	20.0
4H-Cyclopenta[def...	12.03	13.4	ng	891782	4	11.41	1326260	20.0
unknown12.10	12.10	4.3	ng	284942	4	11.41	1326260	20.0
Tricyclo[8.2.2.2(...	12.20	7.0	ng	467517	4	11.41	1326260	20.0
9,12-Octadecadien...	12.50	233.2	ng	15462600	4	11.41	1326260	20.0
11H-Benzo[a]fluorene	13.19	5.2	ng	733604	5	14.06	2847480	20.0
Methyl 2-octylcyc...	13.75	5.0	ng	714691	5	14.06	2847480	20.0