LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111218\
Data File : BF110691.D
Acq On : 12 Nov 2018 22:54
Operator : JU/SJ
Sample : J5907-20 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-2-S

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110818.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	2.228	20	24	35	rVB	44980	65786	5.03%	0.363%
2	5.169	521	524	535	rBV	19044	26186	2.00%	0.144%
3	5.557	586	590	614	rBV	1011723	1012492	77.39%	5.587%
4	6.563	757	761	782	rBV	1144382	1171682	89.55%	6.466%
5	6.710	782	786	793	rBV	1337193	1127726	86.20%	6.223%
6	6.940	822	825	832	rBV	591559	560716	42.86%	3.094%
7	7.098	848	852	866	rBV	1016051	873507	66.76%	4.820%
8	7.504	918	921	939	rVB	675023	698067	53.36%	3.852%
9	8.228	1040	1044	1058	rBV	754837	788018	60.23%	4.348%
10	9.298	1222	1226	1235	rBV	1506594	1308339	100.00%	7.220%
11	9.639	1281	1284	1287	rBV	13335	14337	1.10%	0.079%
12	9.692	1287	1293	1299	rVB	140056	144712	11.06%	0.799%
13	9.986	1339	1343	1346	rBV	892290	816990	62.44%	4.508%
14	10.016	1346	1348	1354	rVB	67635	58378	4.46%	0.322%
15	10.192	1373	1378	1382	rBV2	32989	37641	2.88%	0.208%
16	10.533	1432	1436	1442	rVB	51213	51861	3.96%	0.286%
17	10.692	1461	1463	1467	rVB	18805	17070	1.30%	0.094%
18	10.775	1474	1477	1484	rBV	567748	548105	41.89%	3.025%
19	10.869	1490	1493	1496	rBV2	15381	21511	1.64%	0.119%
20	11.086	1523	1530	1532	rBV3	19000	31814	2.43%	0.176%
21	11.204	1546	1550	1552	rBV2	11110	15286	1.17%	0.084%
22	11.286	1561	1564	1567	rBV	33072	30985	2.37%	0.171%
23	11.316	1567	1569	1571	rBV2	21135	18193	1.39%	0.100%
24	11.375	1576	1579	1585	rVB	37193	31525	2.41%	0.174%
25	11.475	1592	1596	1599	rBV	746190	789908	60.37%	4.359%
26	11.504	1599	1601	1605	rVV	626719	505394	38.63%	2.789%
27	11.557	1606	1610	1614	rVV	120243	113187	8.65%	0.625%
28	11.710	1632	1636	1640	rBV2	55589	64932	4.96%	0.358%
29	11.816	1650	1654	1658	rVB3	16067	20158	1.54%	0.111%
30	11.939	1672	1675	1678	rBV4	10958	14330	1.10%	0.079%
31	11.980	1678	1682	1684	rVV	166658	158374	12.10%	0.874%
32	12.010	1684	1687	1692	rVV2	129867	143896	11.00%	0.794%
33	12.057	1692	1695	1698	rVV	51181	49929	3.82%	0.276%
34	12.092	1698	1701	1703	rVV2	121485	140540	10.74%	0.776%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111218\
Data File : BF110691.D
Acq On : 12 Nov 2018 22:54
Operator : JU/SJ
Sample : J5907-20 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-2-S

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110818.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.116	1703	1705	1709	rVB	73925	60951	4.66%	0.336%
36	12.275	1728	1732	1735	rBV	64758	58956	4.51%	0.325%
37	12.310	1735	1738	1742	rVB	51033	45881	3.51%	0.253%
38	12.422	1752	1757	1760	rBV3	35110	39213	3.00%	0.216%
39	12.451	1760	1762	1765	rBV	20835	18825	1.44%	0.104%
40	12.527	1772	1775	1779	rBV	64077	68003	5.20%	0.375%
41	12.569	1779	1782	1787	rVB4	40589	64048	4.90%	0.353%
42	12.622	1787	1791	1799	rBV4	47946	75839	5.80%	0.418%
43	12.698	1800	1804	1807	rBV	669443	634807	48.52%	3.503%
44	12.769	1812	1816	1822	rBV4	127121	154236	11.79%	0.851%
45	12.845	1825	1829	1832	rBV2	24346	27246	2.08%	0.150%
46	12.927	1840	1843	1848	rVB	622962	550118	42.05%	3.036%
47	12.974	1848	1851	1855	rVB	39821	40645	3.11%	0.224%
48	13.057	1861	1865	1868	rBV	1081197	897809	68.62%	4.954%
49	13.092	1869	1871	1875	rVB	27716	27642	2.11%	0.153%
50	13.151	1875	1881	1885	rBV4	46720	88127	6.74%	0.486%
51	13.233	1891	1895	1896	rBV4	37157	47190	3.61%	0.260%
52	13.251	1896	1898	1904	rVB2	70435	78359	5.99%	0.432%
53	13.322	1907	1910	1912	rBV	41142	38645	2.95%	0.213%
54	13.357	1912	1916	1919	rBV2	52347	65378	5.00%	0.361%
55	13.451	1929	1932	1935	rBV	43237	41406	3.16%	0.228%
56	13.486	1935	1938	1940	rVV	37011	38365	2.93%	0.212%
57	13.604	1956	1958	1961	rBV2	20252	18178	1.39%	0.100%
58	13.769	1983	1986	1990	rVB	65303	60395	4.62%	0.333%
59	13.880	2002	2005	2007	rBV	53298	51324	3.92%	0.283%
60	13.898	2007	2008	2011	rVV	42878	35949	2.75%	0.198%
61	13.933	2011	2014	2019	rVV4	108600	155593	11.89%	0.859%
62	13.974	2019	2021	2025	rVB	54729	53936	4.12%	0.298%
63	14.127	2042	2047	2050	rBV2	698420	851222	65.06%	4.697%
64	14.151	2050	2051	2055	rVB	253255	193703	14.81%	1.069%
65	14.233	2063	2065	2067	rBV	30223	32589	2.49%	0.180%
66	14.516	2110	2113	2116	rVB2	54321	53037	4.05%	0.293%
67	14.557	2116	2120	2123	rBV2	75357	96293	7.36%	0.531%
68	14.874	2171	2174	2179	rVB	98744	103174	7.89%	0.569%
69	15.204	2225	2230	2232	rBV	190331	307578	23.51%	1.697%
70	15.316	2246	2249	2253	rVB	50338	59086	4.52%	0.326%
71	15.521	2281	2284	2289	rVB	114722	123237	9.42%	0.680%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111218\
Data File : BF110691.D
Acq On : 12 Nov 2018 22:54
Operator : JU/SJ
Sample : J5907-20 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-2-S

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110818.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	15.586	2292	2295	2298	rBV	149415	184794	14.12%	1.020%
73	15.621	2298	2301	2303	rVV	81059	97062	7.42%	0.536%
74	15.657	2303	2307	2310	rVB	323806	388514	29.70%	2.144%
75	16.074	2374	2378	2383	rVB	89201	133187	10.18%	0.735%
76	16.604	2464	2468	2475	rVB	58422	98181	7.50%	0.542%
77	16.810	2501	2503	2508	rVB6	35464	47774	3.65%	0.264%
78	17.221	2567	2573	2582	rVB	89110	186746	14.27%	1.031%
79	17.698	2650	2654	2663	rVB	46433	97451	7.45%	0.538%
80	17.962	2694	2699	2705	rVB7	27440	59566	4.55%	0.329%

Sum of corrected areas: 18121833

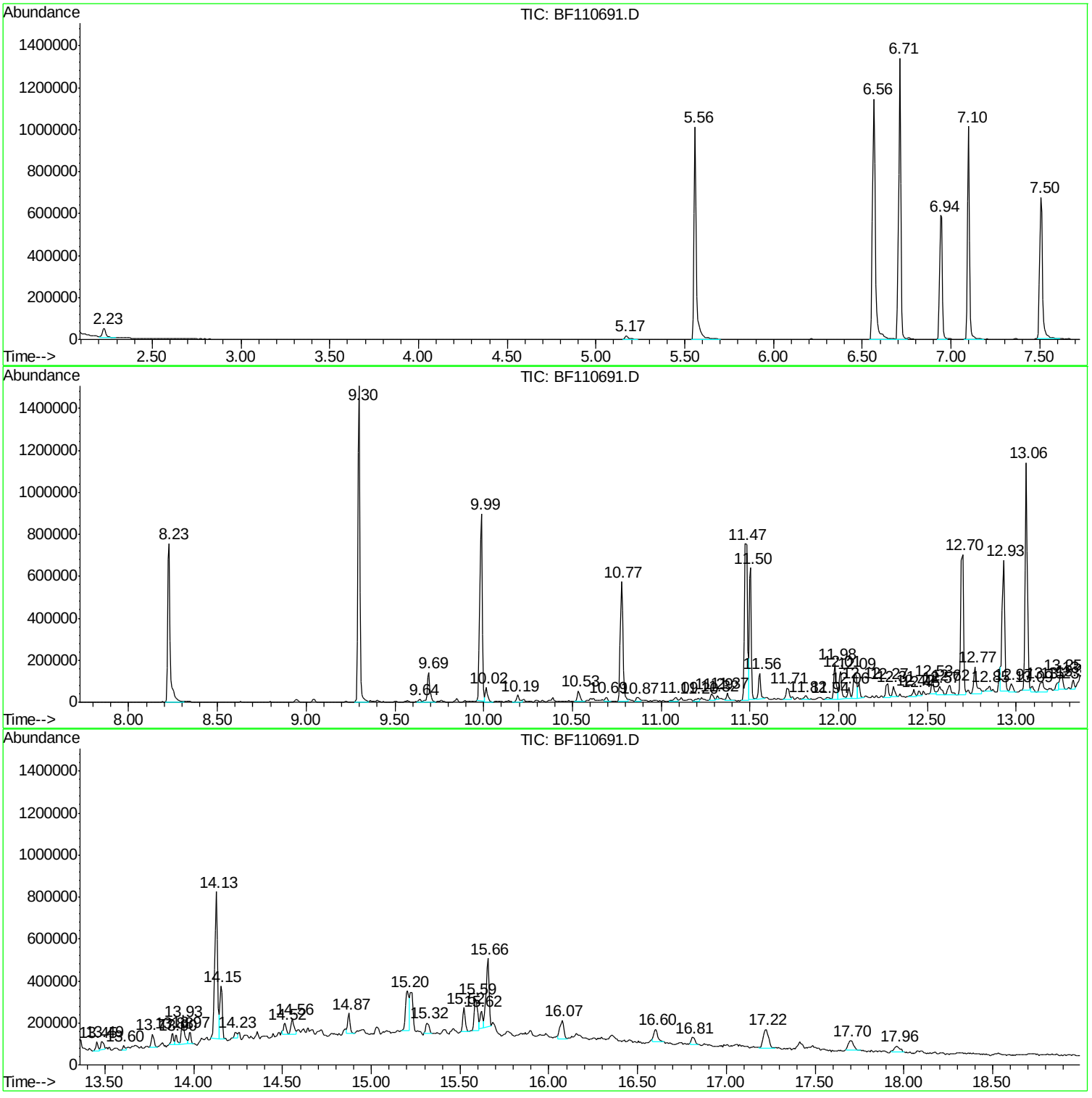
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111218\
Data File : BF110691.D
Acq On : 12 Nov 2018 22:54
Operator : JU/SJ
Sample : J5907-20 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-2-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111218\
Data File : BF110691.D
Acq On : 12 Nov 2018 22:54
Operator : JU/SJ
Sample : J5907-20 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-2-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

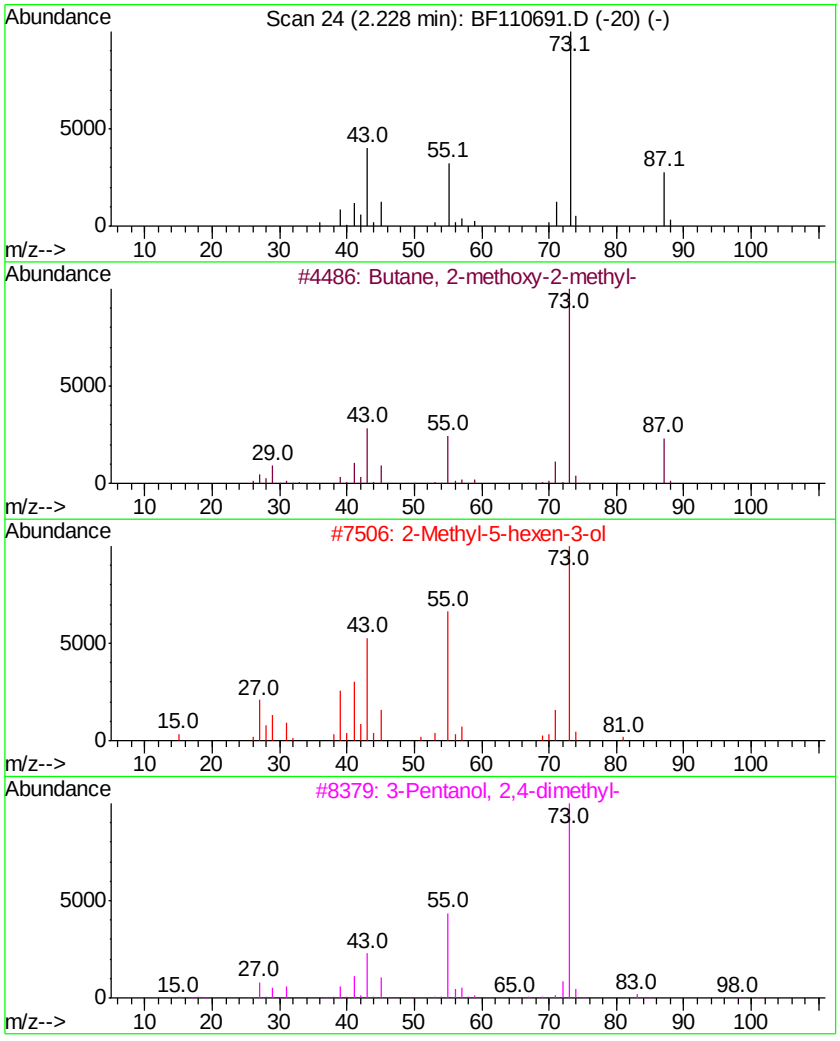
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

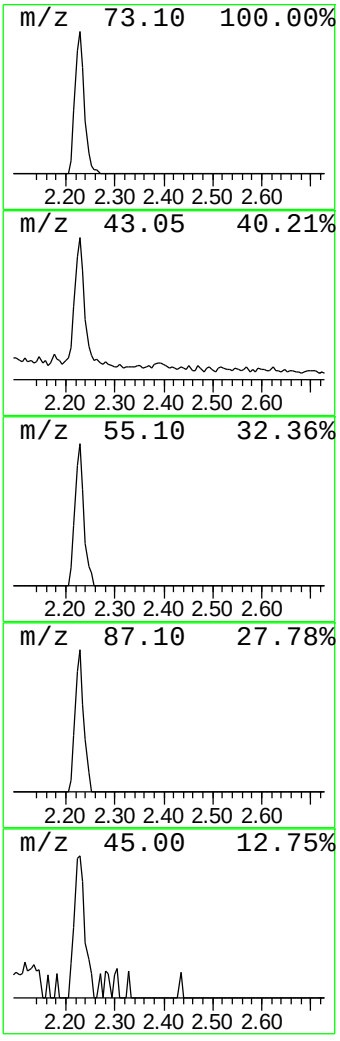
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.23	2.35 ng	65786	1,4-Dichlorobenzene-d4	6.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	47
3	3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	25
4	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9
5	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111218\
Data File : BF110691.D
Acq On : 12 Nov 2018 22:54
Operator : JU/SJ
Sample : J5907-20 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-2-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

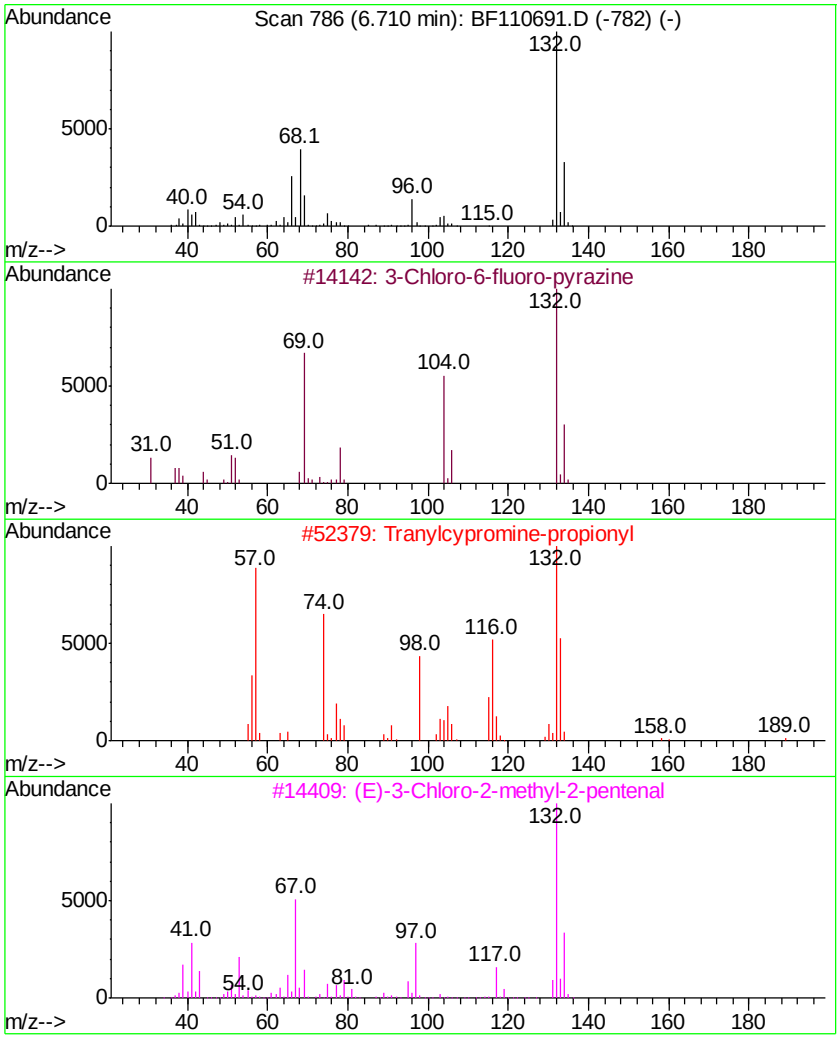
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

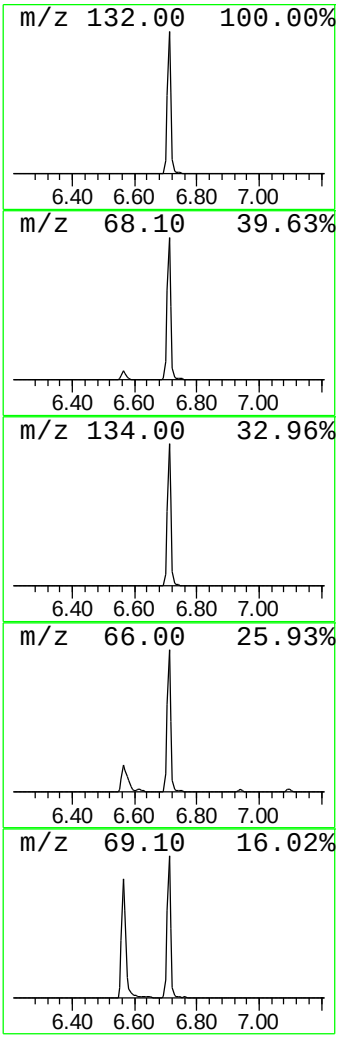
****

Peak Number 2 unknown6.71 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.71	40.22 ng	1127730	1,4-Dichlorobenzene-d4	6.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
3	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9
4	1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111218\
Data File : BF110691.D
Acq On : 12 Nov 2018 22:54
Operator : JU/SJ
Sample : J5907-20 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-2-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

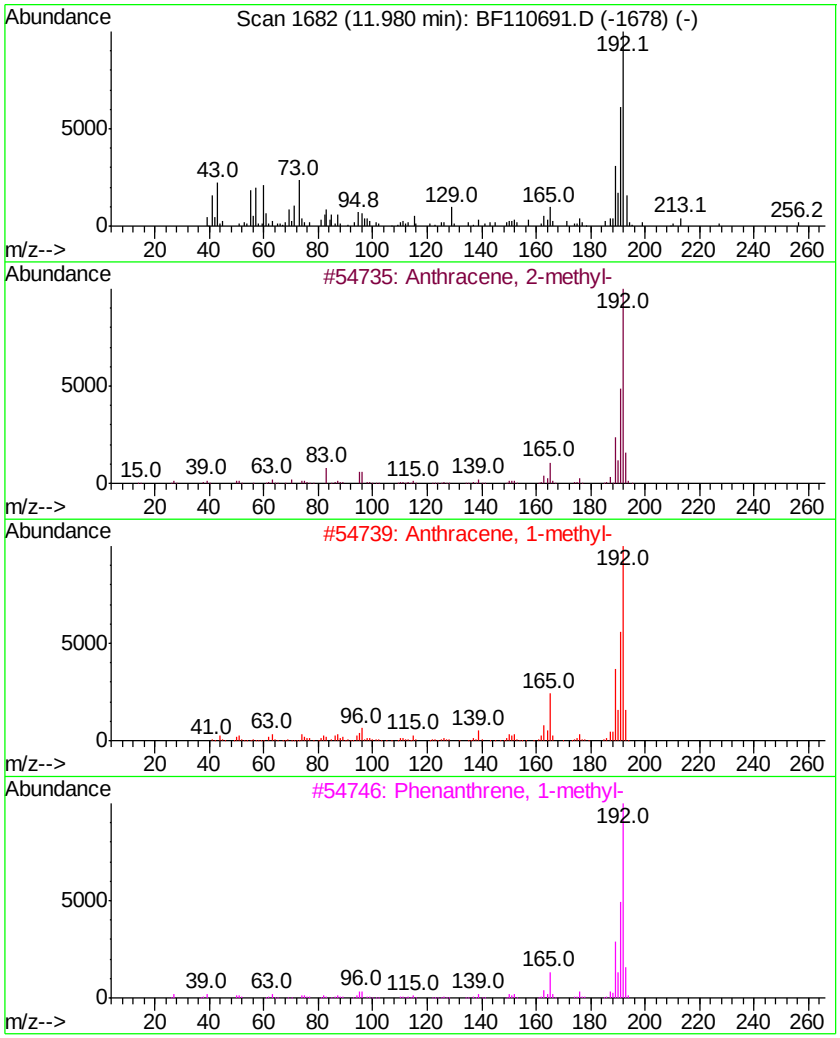
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

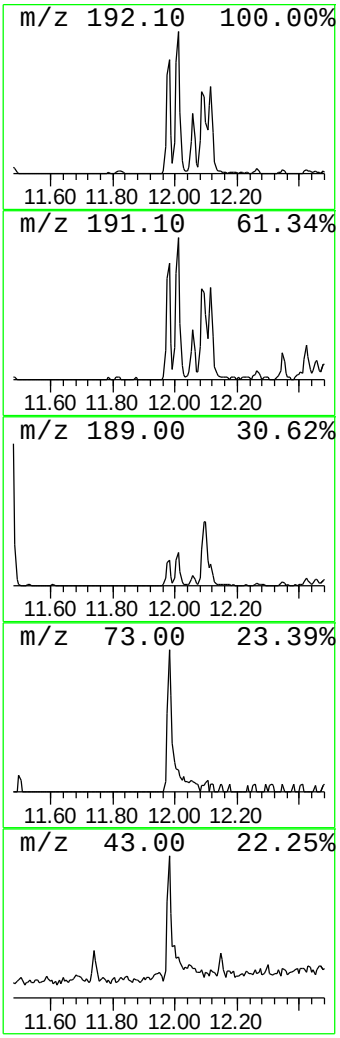
****

Peak Number 4 Anthracene, 1-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.98	4.01 ng	158374	Phenanthrene-d10	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	92
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111218\
Data File : BF110691.D
Acq On : 12 Nov 2018 22:54
Operator : JU/SJ
Sample : J5907-20 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-2-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

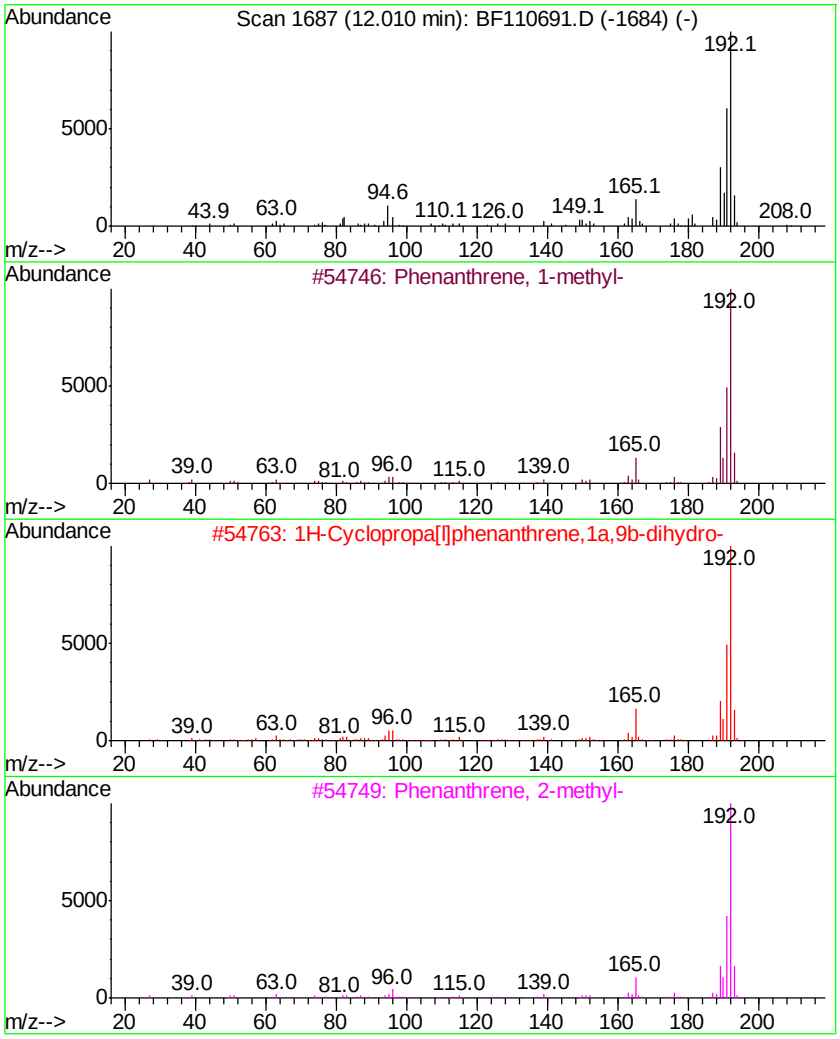
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

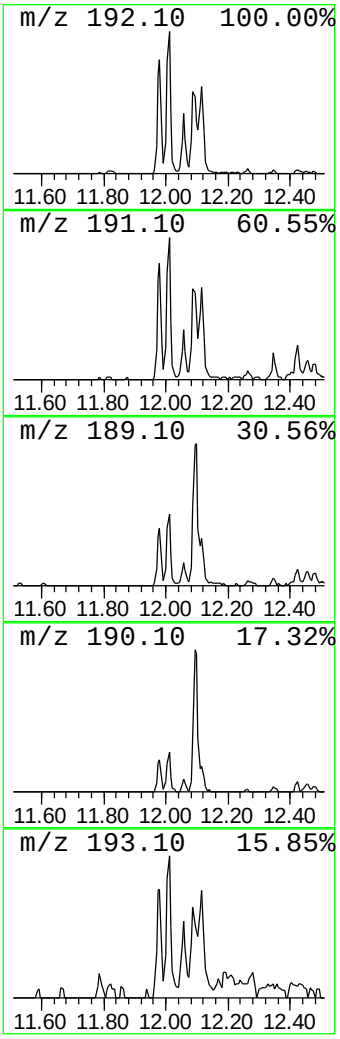
****

Peak Number 5 Phenanthrene, 1-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.01	3.64 ng	143896	Phenanthrene-d10	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	94





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111218\
Data File : BF110691.D
Acq On : 12 Nov 2018 22:54
Operator : JU/SJ
Sample : J5907-20 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-2-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

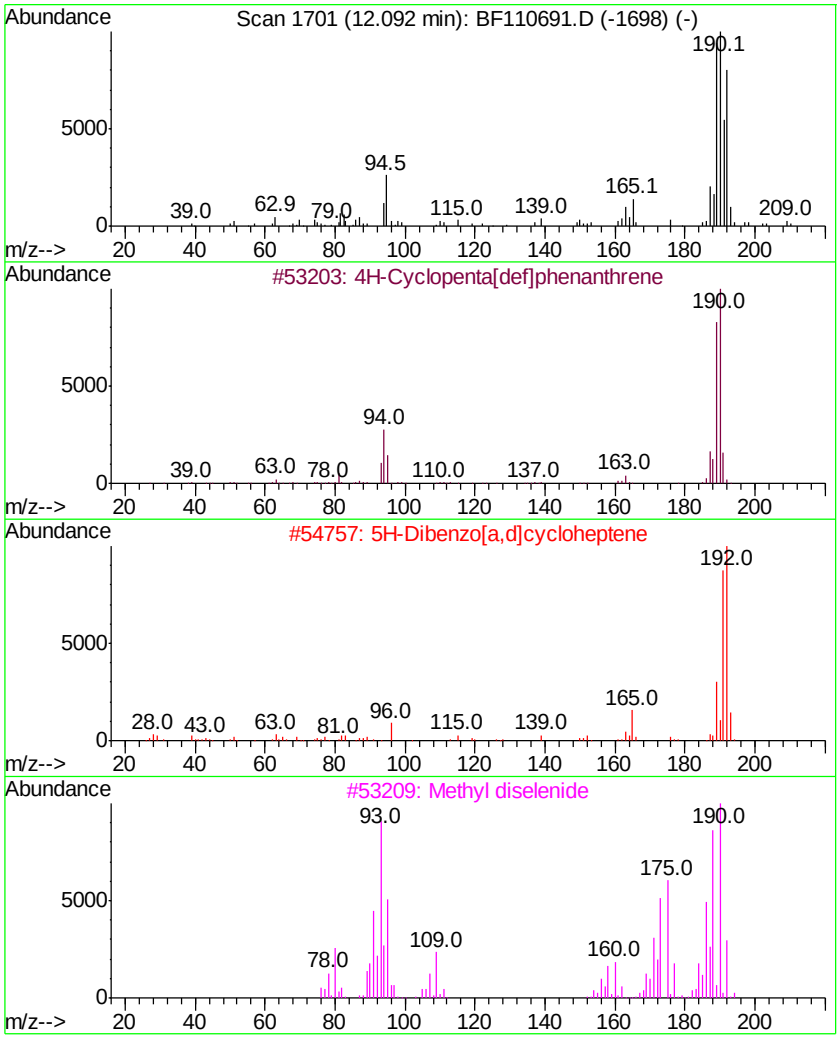
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

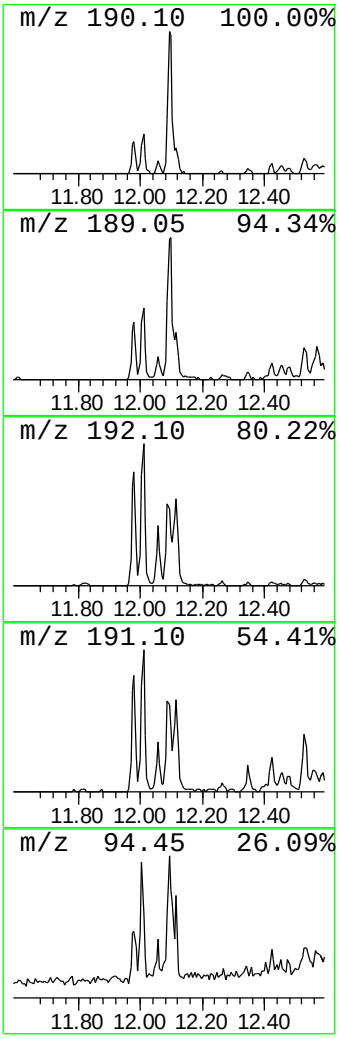
****

Peak Number 6 4H-Cyclopenta[def]phenanthrene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.09	3.56 ng	140540	Phenanthrene-d10	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	58
2	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	42
3	Methyl diselenide	190	C2H6Se2	007101-31-7	41
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	30
5	1a,9b-Dihydro-1H-cyclopropa[a]an...	192	C15H12	006109-24-6	27





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111218\
Data File : BF110691.D
Acq On : 12 Nov 2018 22:54
Operator : JU/SJ
Sample : J5907-20 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-2-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110818.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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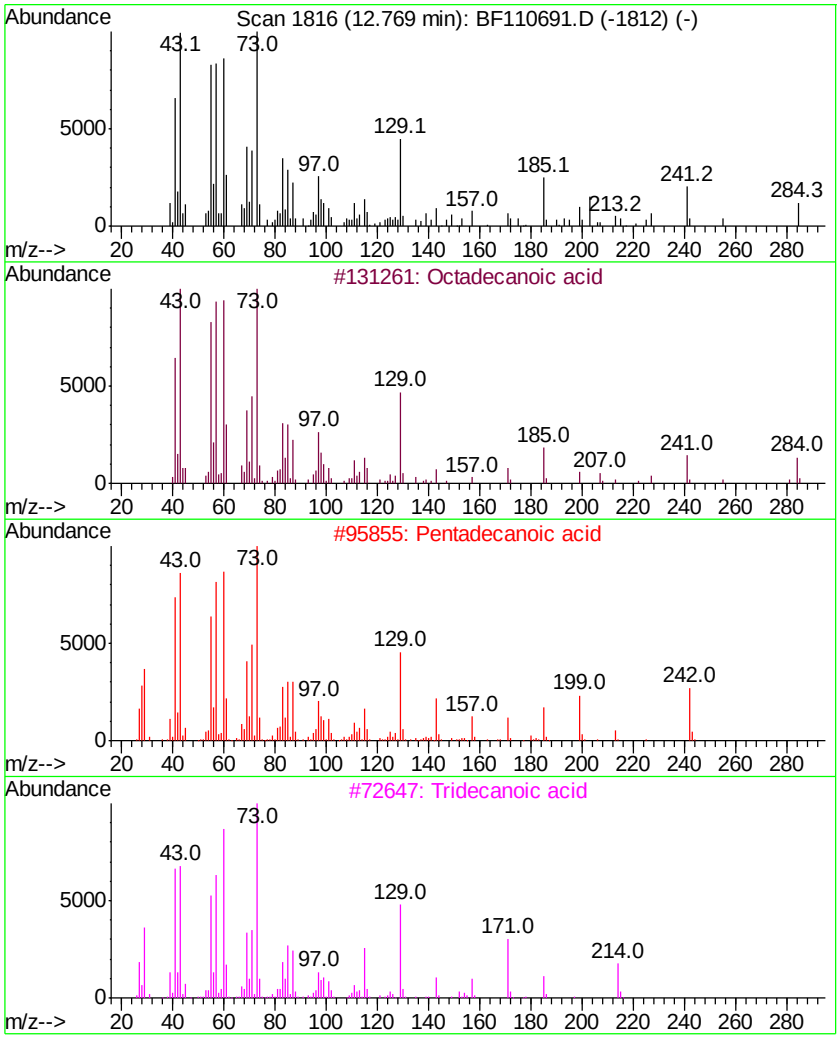
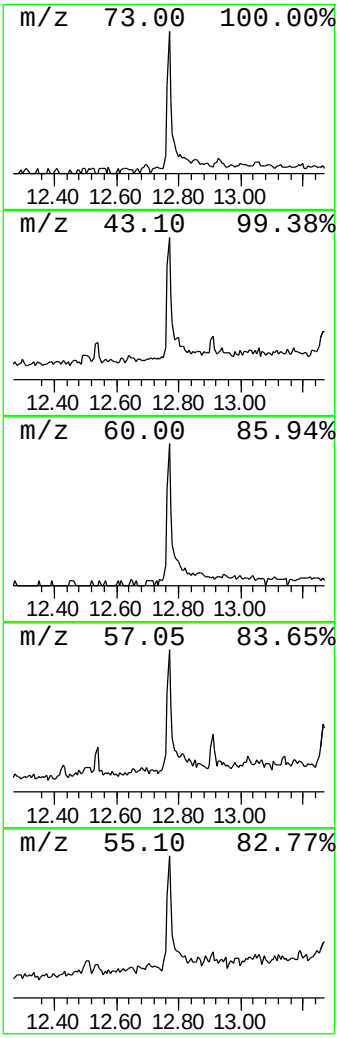
Peak Number 7 Octadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.77	3.91 ng	154236	Phenanthrene-d10	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	96
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	93
3	Tridecanoic acid	214	C13H26O2	000638-53-9	72
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	72
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	72





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Acq On : 12 Nov 2018 22:54
Operator : JU/SJ
Sample : J5907-20 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-2-S

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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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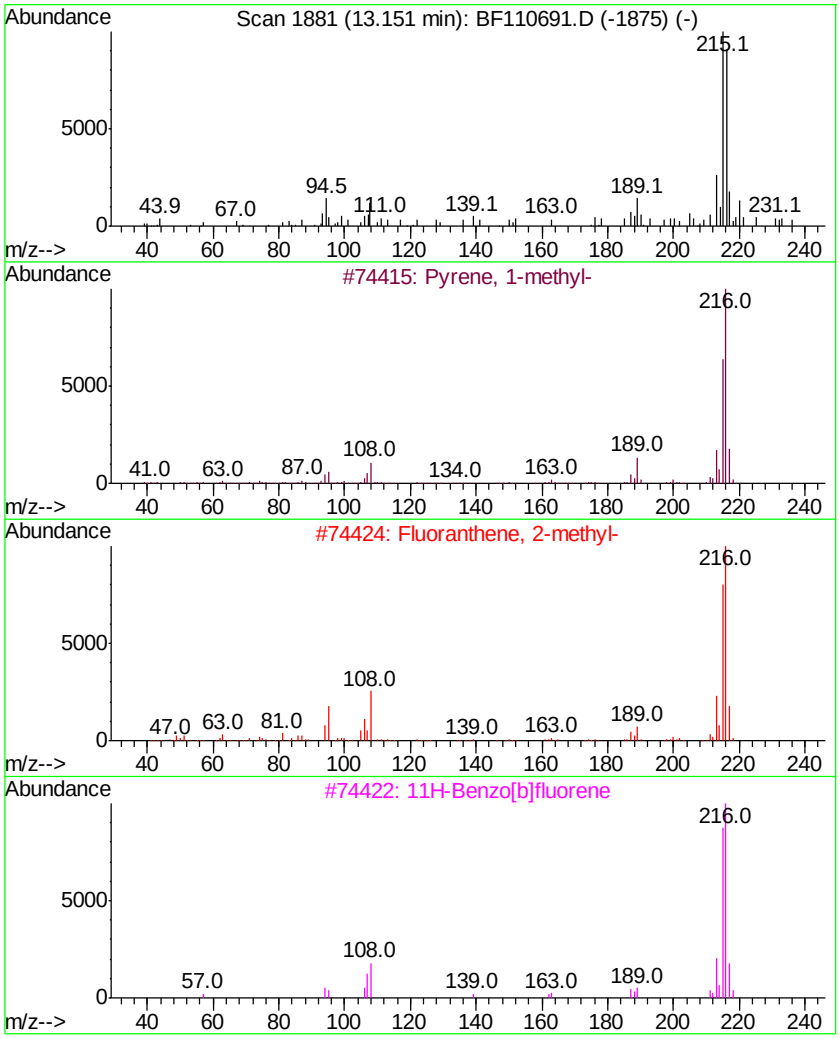
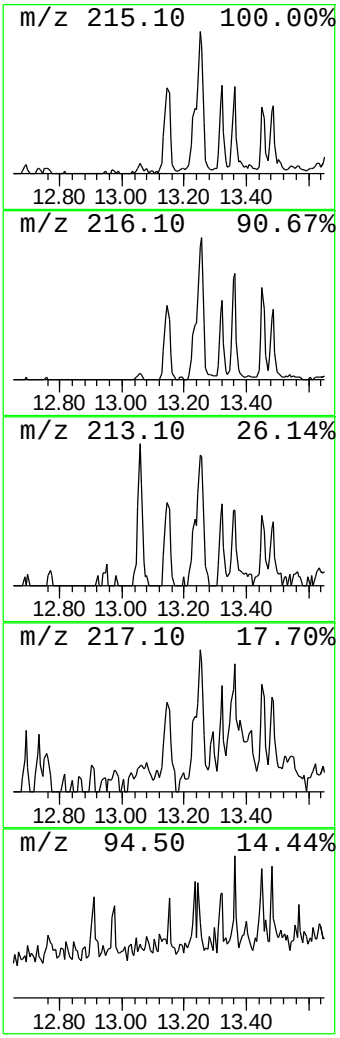
Peak Number 8 Pyrene, 1-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.15	2.07 ng	88127	Chrysene-d12	14.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	83
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	81
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	74
4	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	64
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	59





Library Search Compound Report

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Data File : BF110691.D
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Operator : JU/SJ
Sample : J5907-20 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-2-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110818.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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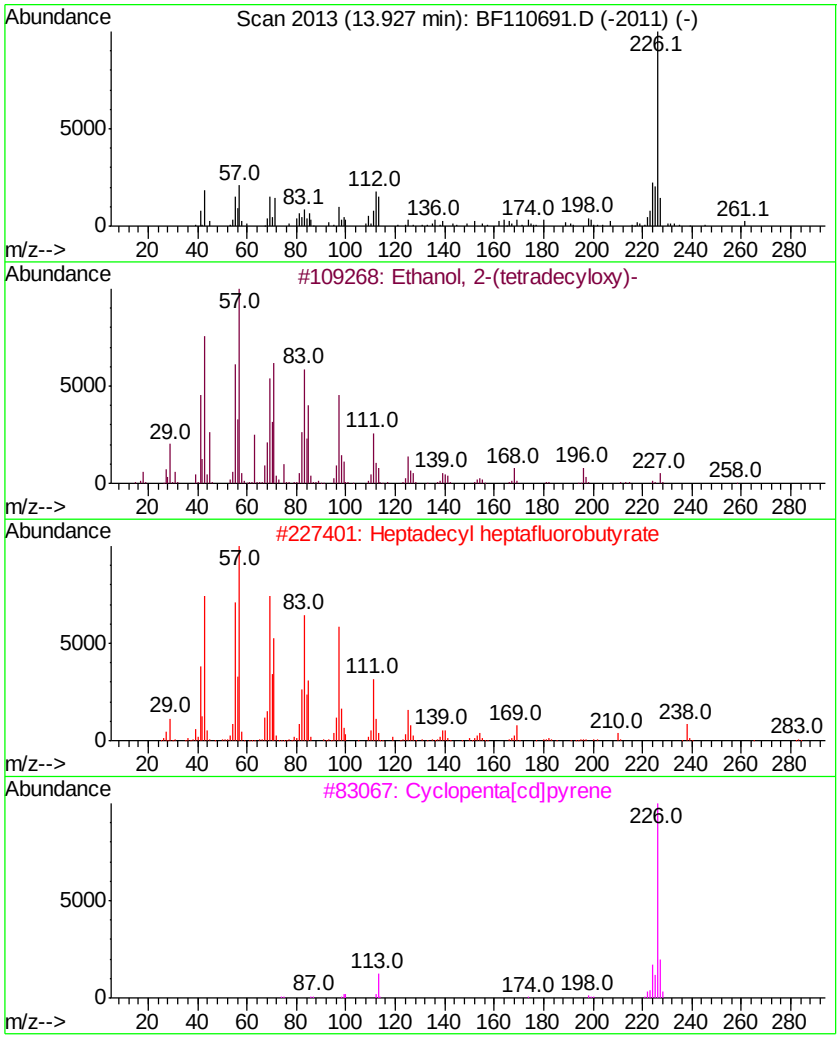
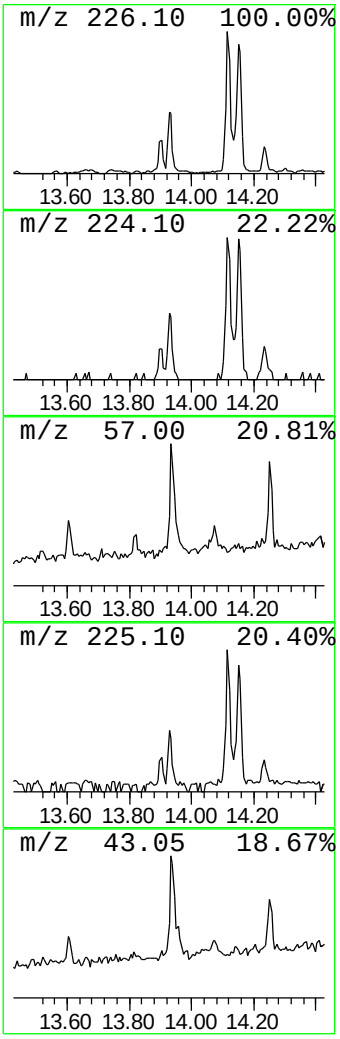
Peak Number 9 unknown13.93 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.93	3.66 ng	155593	Chrysene-d12	14.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	42
2	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	38
3	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	38
4	Carbonic acid, isobutyl pentadec...	328	C20H40O3	1000314-61-2	30
5	Docosyl pentafluoropropionate	472	C25H45F5O2	1000351-80-9	30





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Sample : J5907-20 2X
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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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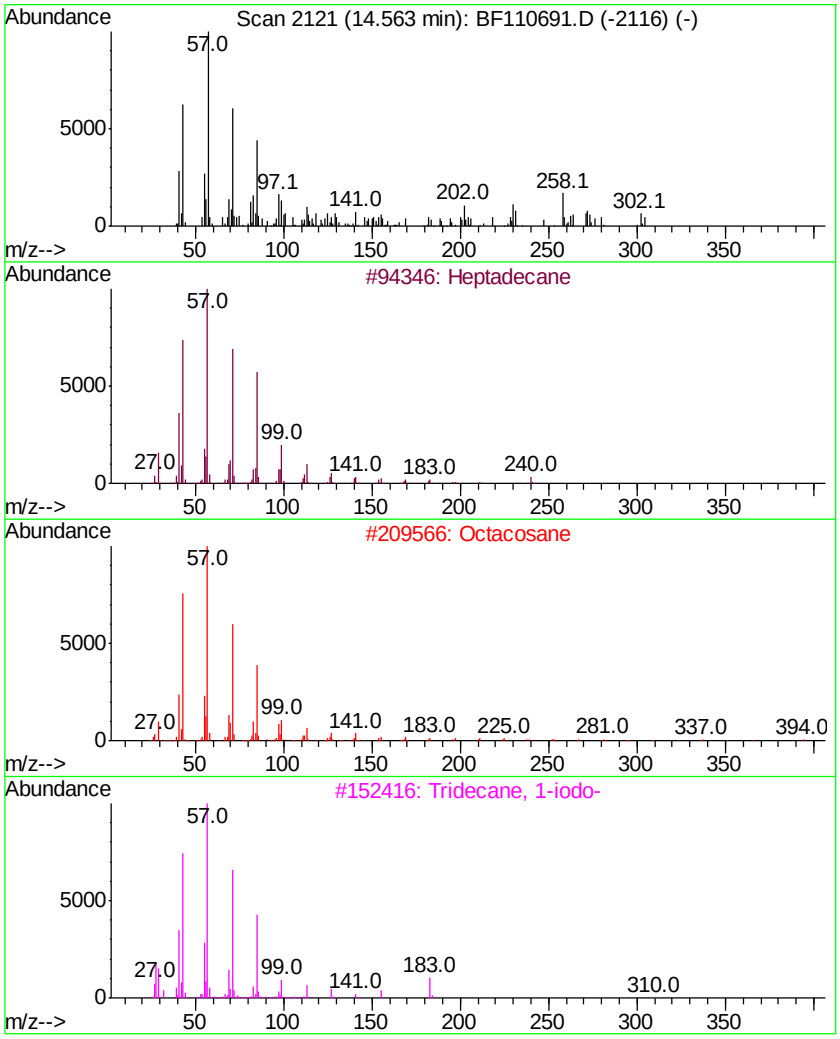
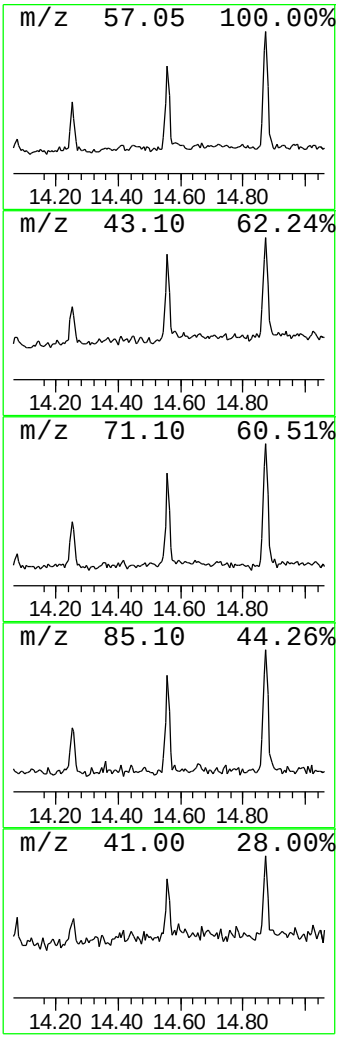
Peak Number 10 Heptadecane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.56	2.26 ng	96293	Chrysene-d12	14.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	76
2	Octacosane	394	C28H58	000630-02-4	74
3	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	68
4	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	68
5	Heptacosane	380	C27H56	000593-49-7	64





Library Search Compound Report

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Acq On : 12 Nov 2018 22:54
Operator : JU/SJ
Sample : J5907-20 2X
Misc :
ALS Vial : 22 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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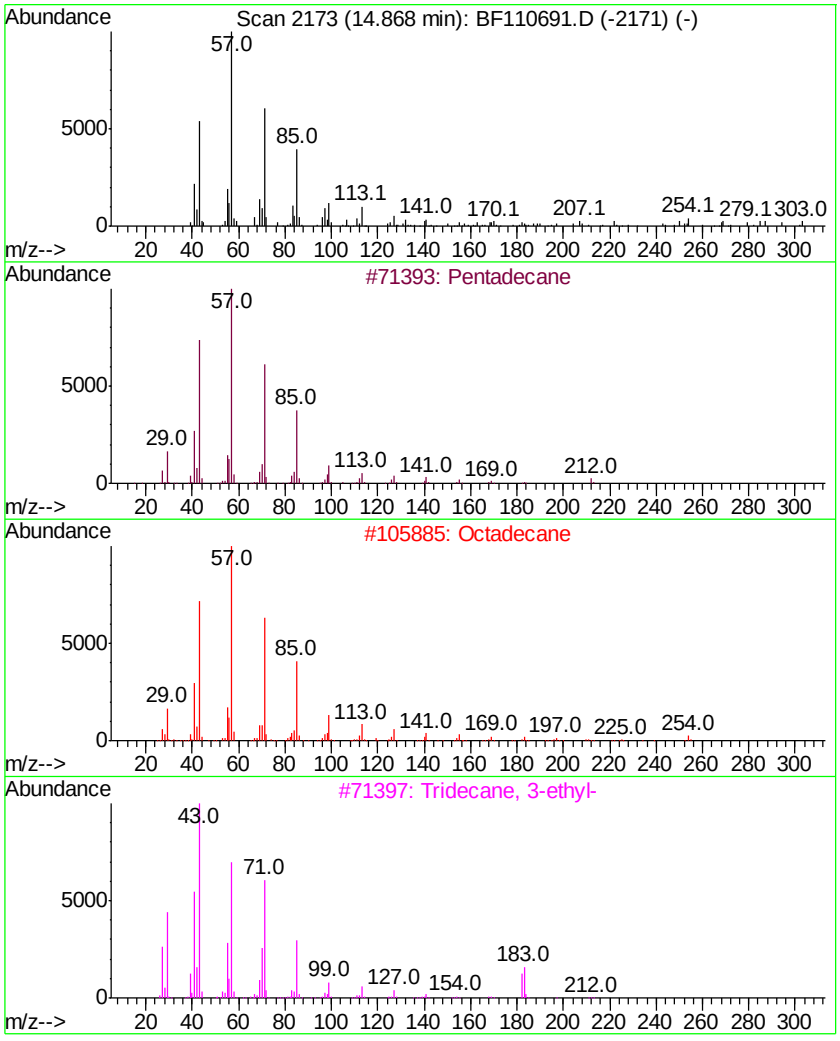
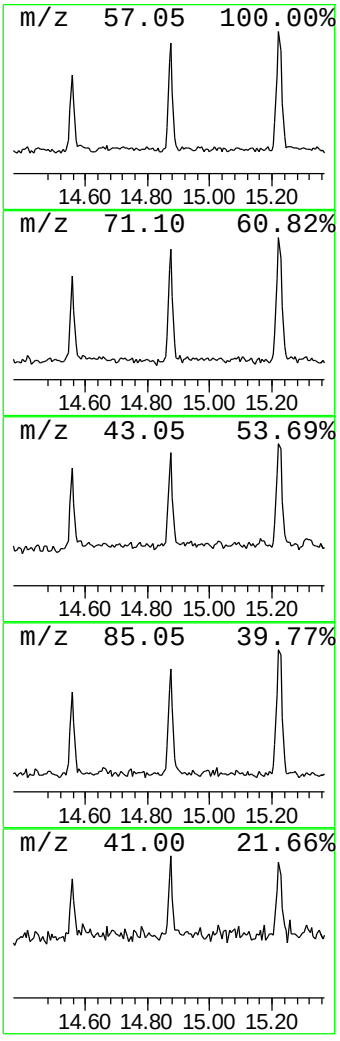
Peak Number 11 Pentadecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.87	2.42 ng	103174	Chrysene-d12	14.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	93
2	Octadecane	254	C18H38	000593-45-3	93
3	Tridecane, 3-ethyl-	212	C15H32	013286-73-2	87
4	Heneicosane	296	C21H44	000629-94-7	87
5	Heptacosane	380	C27H56	000593-49-7	87





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Sample : J5907-20 2X
Misc :
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Instrument : BNA_F
ClientSampleId : TP-2-S

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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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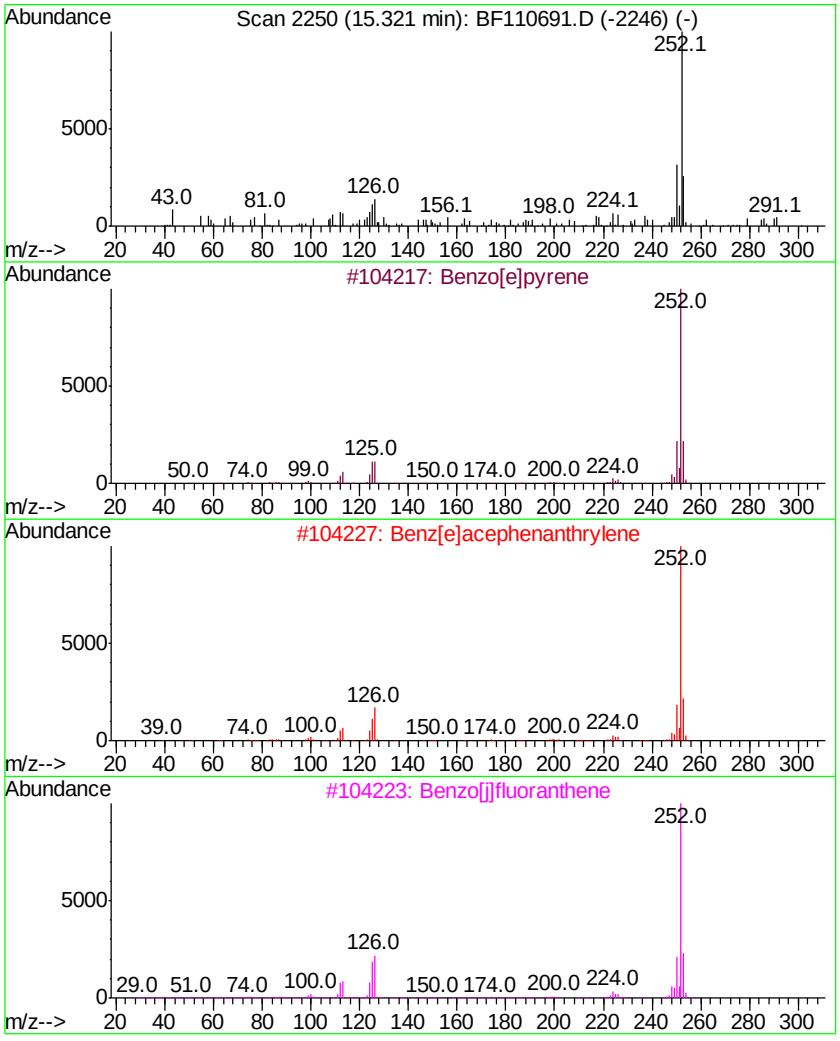
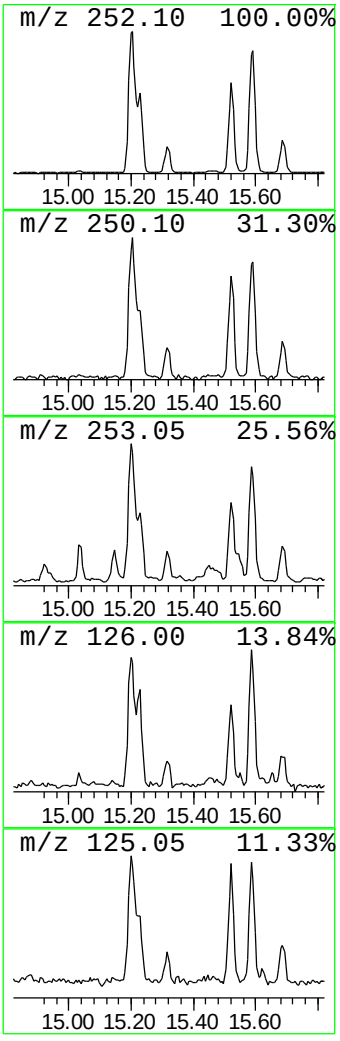
Peak Number 12 Benzo[e]pyrene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.32	3.04 ng	59086	Perylene-d12	15.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	96
2	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	89
3	Benzo[j]fluoranthene	252	C20H12	000205-82-3	89
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	86
5	Benzo[a]pyrene	252	C20H12	000050-32-8	81





Library Search Compound Report

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Sample : J5907-20 2X
Misc :
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Instrument : BNA_F
ClientSampleId : TP-2-S

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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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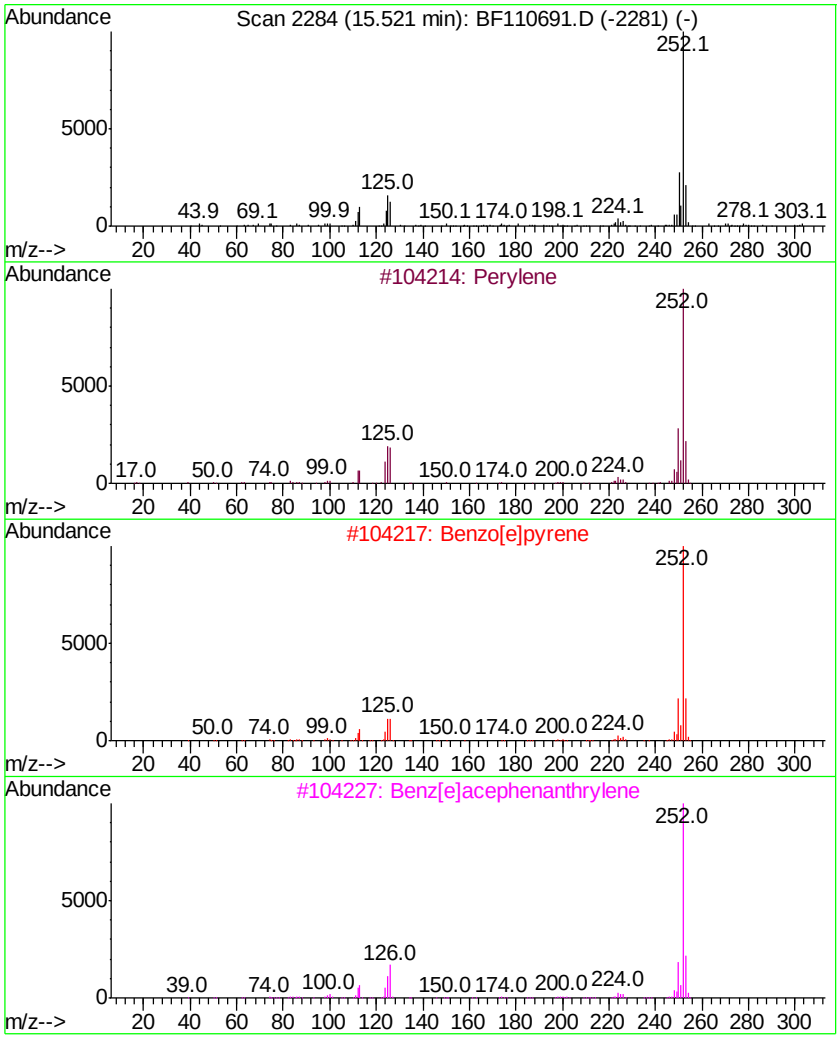
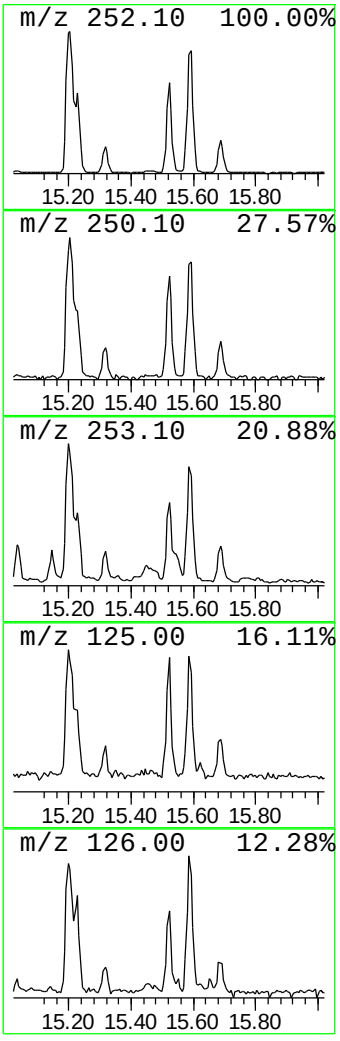
Peak Number 13 Perylene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.52	6.34 ng	123237	Perylene-d12	15.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Perylene	252	C20H12	000198-55-0	99
2	Benzo[e]pyrene	252	C20H12	000192-97-2	98
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	96
4	Benzo[a]pyrene	252	C20H12	000050-32-8	94
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93





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Operator : JU/SJ
Sample : J5907-20 2X
Misc :
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Instrument : BNA_F
ClientSampleId : TP-2-S

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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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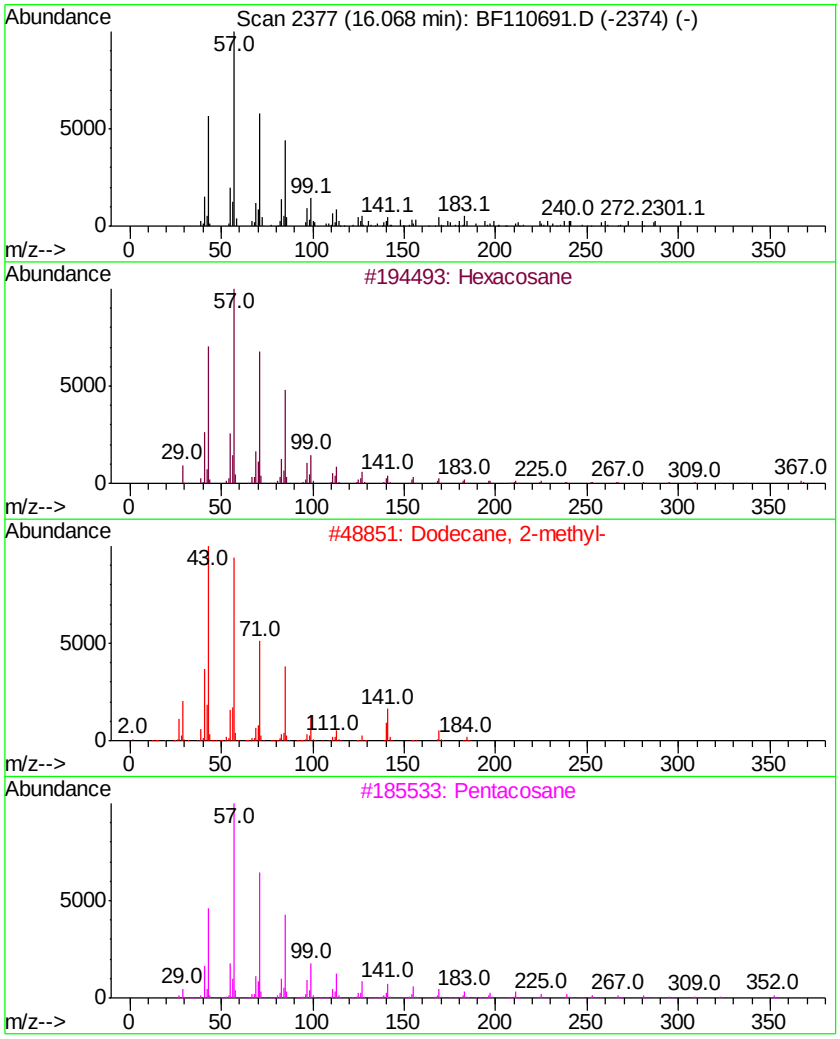
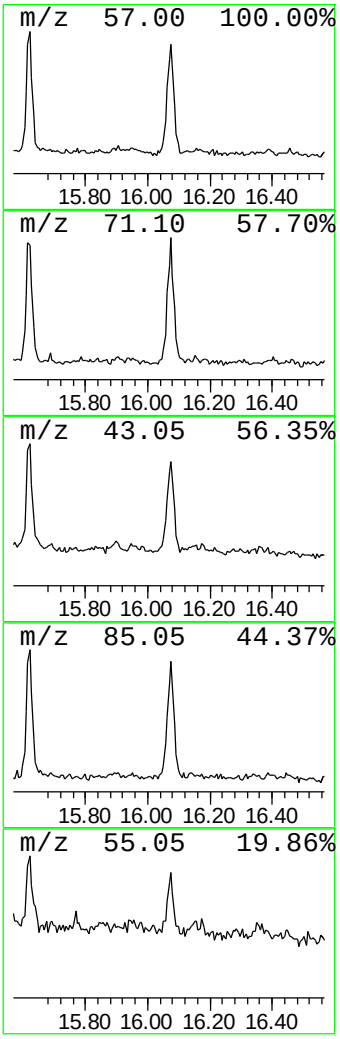
Peak Number 14 Hexacosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.07	6.86 ng	133187	Perylene-d12	15.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	90
2	Dodecane, 2-methyl-	184	C13H28	001560-97-0	87
3	Pentacosane	352	C25H52	000629-99-2	87
4	Triacontane	422	C30H62	000638-68-6	86
5	Pentadecane, 2-methyl-	226	C16H34	001560-93-6	86





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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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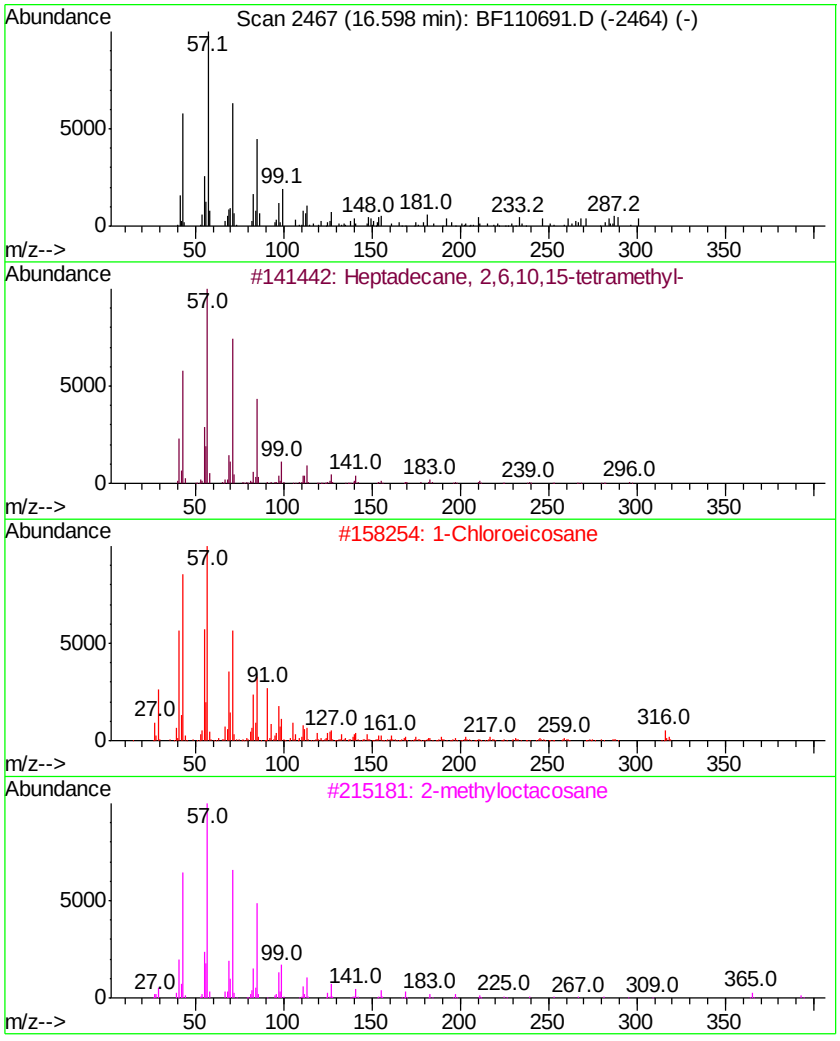
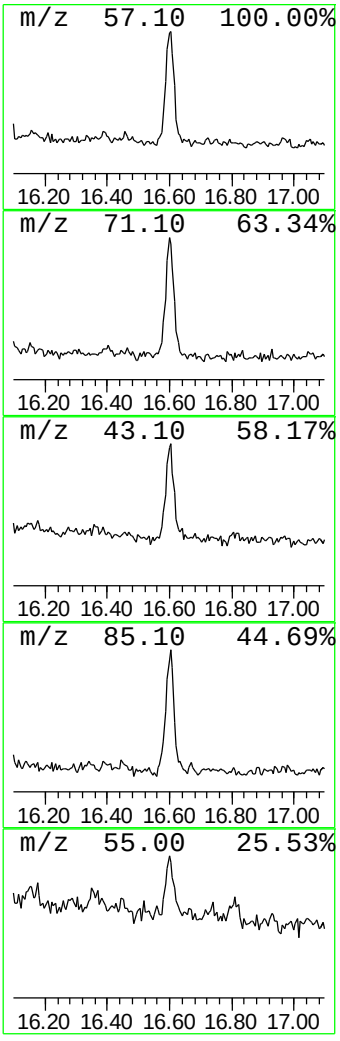
Peak Number 15 Heptadecane, 2,6,10,15-tetr... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.60	5.05 ng	98181	Perylene-d12	15.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	97
2	1-Chloroeicosane	316	C20H41Cl	042217-02-7	70
3	2-methyloctacosane	408	C29H60	1000376-72-8	64
4	Heneicosane	296	C21H44	000629-94-7	64
5	Hexacosane	366	C26H54	000630-01-3	58





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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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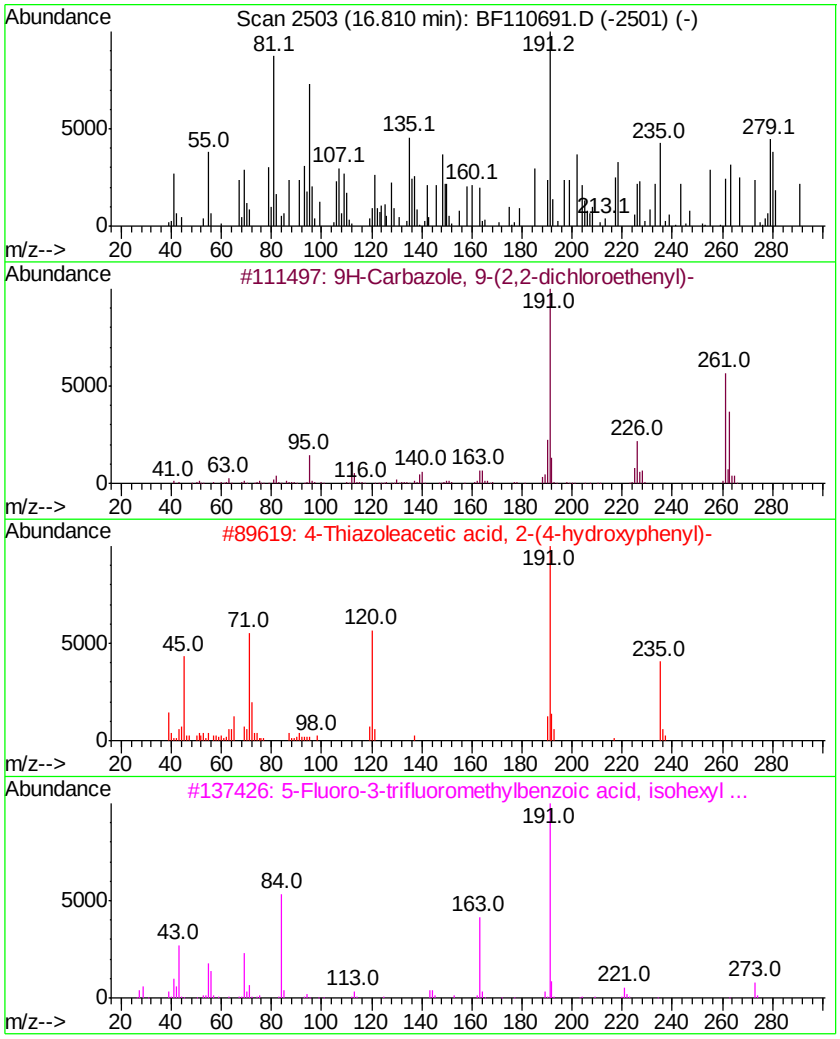
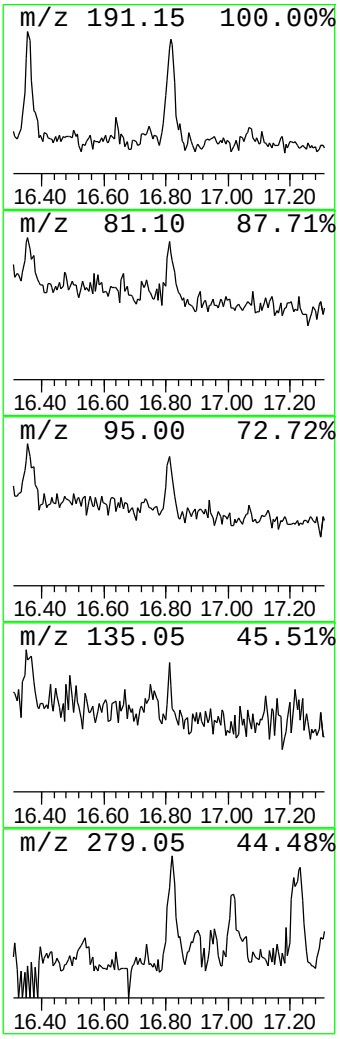
Peak Number 16 unknown16.81 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.81	2.46 ng	47774	Perylene-d12	15.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Carbazole, 9-(2,2-dichloroeth...	261	C14H9Cl2N	1000327-36-1	22
2	4-Thiazoleacetic acid, 2-(4-hydr...	235	C11H9NO3S	023551-34-0	22
3	5-Fluoro-3-trifluoromethylbenzoi...	292	C14H16F4O2	1000338-89-7	14
4	Isophthalic acid, isohexyl propy...	292	C17H24O4	1000344-02-4	14
5	3-Fluoro-4-trifluoromethylbenzoi...	292	C14H16F4O2	1000360-59-5	14





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TIC Integration Parameters: LSCINT.P

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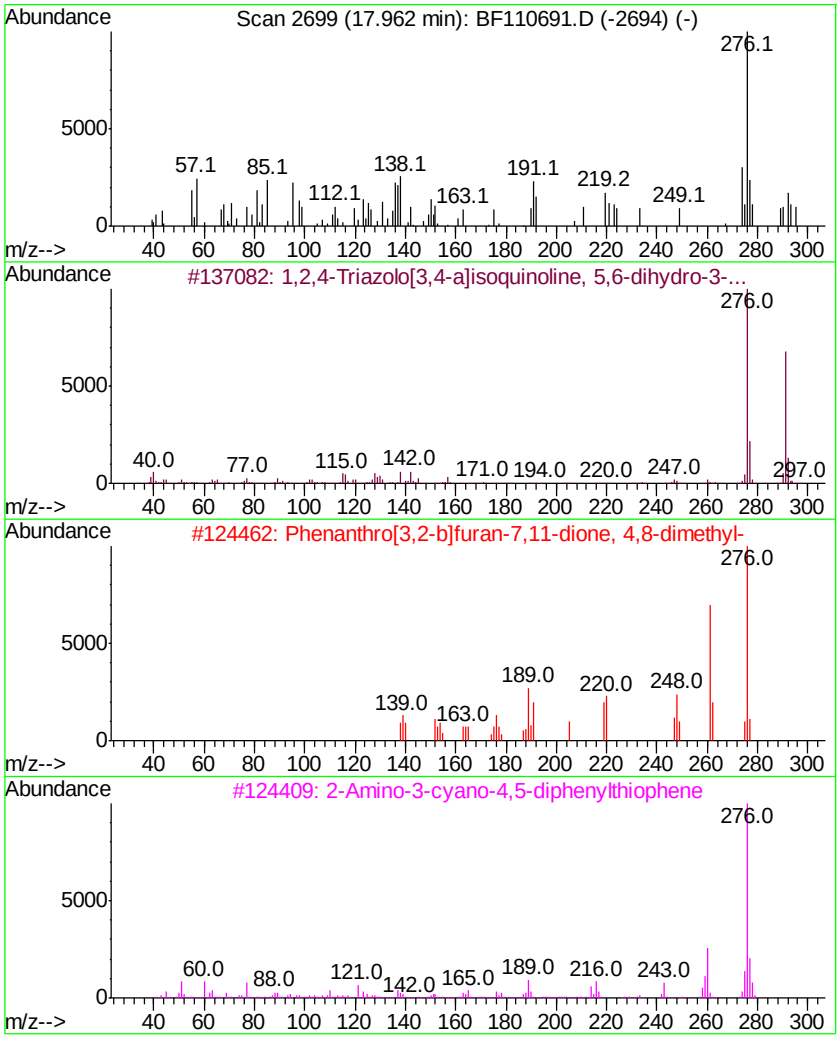
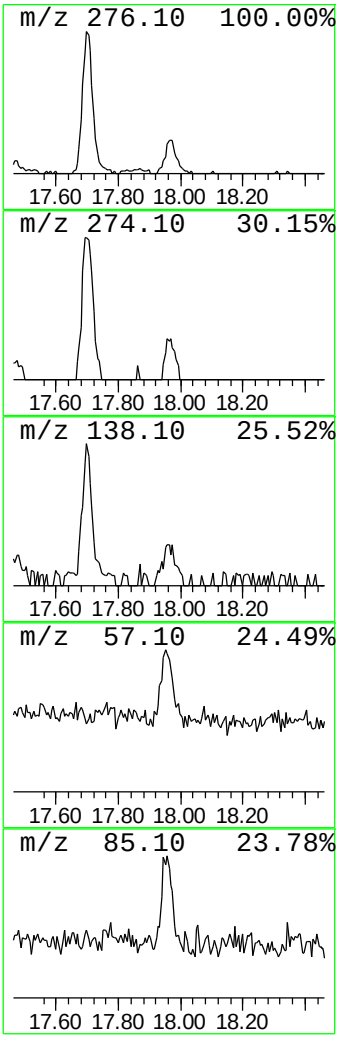
Peak Number 17 1,2,4-Triazolo[3,4-a]isoqui... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.96	3.07 ng	59566	Perylene-d12	15.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2,4-Triazolo[3,4-a]isoquinolin...	291	C18H17N3O	301352-47-6	53
2	Phenanthro[3,2-b]furan-7,11-dion...	276	C18H12O3	020958-17-2	50
3	2-Amino-3-cyano-4,5-diphenylthio...	276	C17H12N2S	042160-34-9	50
4	Indeno[1,2,3-cd]pyrene	276	C22H12	000193-39-5	49
5	Benzo[ghi]perylene	276	C22H12	000191-24-2	49





Tentatively Identified Compound (LSC) summary

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-methoxy...	2.23	2.4	ng	65786	1	6.95	560716	20.0
unknown6.71	6.71	40.2	ng	1127730	1	6.95	560716	20.0
Anthracene, 1-met...	11.98	4.0	ng	158374	4	11.48	789908	20.0
Phenanthrene, 1-m...	12.01	3.6	ng	143896	4	11.48	789908	20.0
4H-Cyclopenta[def...	12.09	3.6	ng	140540	4	11.48	789908	20.0
Octadecanoic acid	12.77	3.9	ng	154236	4	11.48	789908	20.0
Pyrene, 1-methyl-	13.15	2.1	ng	88127	5	14.13	851222	20.0
unknown13.93	13.93	3.7	ng	155593	5	14.13	851222	20.0
Heptadecane	14.56	2.3	ng	96293	5	14.13	851222	20.0
Pentadecane	14.87	2.4	ng	103174	5	14.13	851222	20.0
Benzo[e]pyrene	15.32	3.0	ng	59086	6	15.66	388514	20.0
Perylene	15.52	6.3	ng	123237	6	15.66	388514	20.0
Hexacosane	16.07	6.9	ng	133187	6	15.66	388514	20.0
Heptadecane, 2,6,...	16.60	5.0	ng	98181	6	15.66	388514	20.0
unknown16.81	16.81	2.5	ng	47774	6	15.66	388514	20.0
1,2,4-Triazolo[3,...	17.96	3.1	ng	59566	6	15.66	388514	20.0