LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110618\
Data File : BF110532.D
Acq On : 6 Nov 2018 23:01
Operator : JU/SJ
Sample : J5764-09 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-03-110218-E

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-BF102318.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	2.246	23	27	48	rVB	102363	203205	8.69%	1.376%
2	5.569	589	592	604	rVB	481804	545558	23.34%	3.694%
3	6.575	760	763	779	rBV	598898	659323	28.20%	4.464%
4	6.722	785	788	795	rBV	754756	628794	26.90%	4.257%
5	6.775	795	797	800	rVB	33290	28033	1.20%	0.190%
6	6.957	824	828	835	rBV	562428	517759	22.15%	3.505%
7	7.110	850	854	863	rVB	539680	468144	20.03%	3.169%
8	7.516	920	923	931	rBV	299564	357518	15.29%	2.421%
9	7.757	959	964	968	rVB5	22621	27149	1.16%	0.184%
10	8.210	1037	1041	1043	rBV3	14631	24697	1.06%	0.167%
11	8.239	1043	1046	1051	rVV	598232	593276	25.38%	4.017%
12	8.280	1051	1053	1057	rVB	39534	42272	1.81%	0.286%
13	8.516	1089	1093	1097	rVB4	18086	25479	1.09%	0.173%
14	9.057	1182	1185	1189	rBV2	28427	29572	1.27%	0.200%
15	9.310	1224	1228	1237	rBV	614594	606734	25.95%	4.108%
16	9.380	1237	1240	1244	rVB2	48294	55396	2.37%	0.375%
17	9.704	1290	1295	1302	rVB2	87592	128298	5.49%	0.869%
18	9.857	1317	1321	1325	rBV3	17070	25113	1.07%	0.170%
19	9.904	1326	1329	1333	rVB	53106	49422	2.11%	0.335%
20	9.998	1341	1345	1349	rBV	630257	572891	24.51%	3.879%
21	10.404	1410	1414	1417	rBV	78091	61300	2.62%	0.415%
22	10.551	1436	1439	1445	rVB2	19744	27217	1.16%	0.184%
23	10.621	1447	1451	1454	rVV2	35927	41346	1.77%	0.280%
24	10.786	1476	1479	1486	rBV	253001	299646	12.82%	2.029%
25	10.880	1492	1495	1504	rVB3	74399	118167	5.05%	0.800%
26	11.327	1568	1571	1573	rBV	68795	55716	2.38%	0.377%
27	11.357	1573	1576	1579	rVB	32498	33268	1.42%	0.225%
28	11.492	1595	1599	1601	rBV	528195	503274	21.53%	3.407%
29	11.516	1601	1603	1607	rVB	217032	181863	7.78%	1.231%
30	11.568	1609	1612	1615	rVB2	38498	34773	1.49%	0.235%
31	11.680	1628	1631	1634	rBV3	22410	31992	1.37%	0.217%
32	11.751	1641	1643	1646	rBV	53579	51016	2.18%	0.345%
33	11.857	1658	1661	1664	rBV	922481	724245	30.98%	4.903%
34	11.992	1681	1684	1687	rBV	91097	87024	3.72%	0.589%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110618\
Data File : BF110532.D
Acq On : 6 Nov 2018 23:01
Operator : JU/SJ
Sample : J5764-09 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-03-110218-E

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-BF102318.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.021	1687	1689	1693	rVB2	46426	40042	1.71%	0.271%
36	12.104	1700	1703	1706	rBV2	63962	74267	3.18%	0.503%
37	12.157	1710	1712	1715	rBV	40924	39511	1.69%	0.268%
38	12.274	1728	1732	1737	rBV2	38267	61717	2.64%	0.418%
39	12.321	1738	1740	1745	rVB5	17650	26154	1.12%	0.177%
40	12.545	1774	1778	1780	rBV	2373408	2337643	100.00%	15.827%
41	12.568	1780	1782	1789	rVV2	1984684	1815052	77.64%	12.288%
42	12.651	1792	1796	1800	rVV	344601	324276	13.87%	2.195%
43	12.710	1802	1806	1809	rVV	307330	292112	12.50%	1.978%
44	12.739	1809	1811	1814	rVB3	35552	35838	1.53%	0.243%
45	12.886	1833	1836	1839	rVB3	65901	57174	2.45%	0.387%
46	12.921	1839	1842	1843	rBV2	87315	74772	3.20%	0.506%
47	12.939	1843	1845	1851	rVB	295866	271782	11.63%	1.840%
48	12.986	1851	1853	1857	rBV4	26064	31036	1.33%	0.210%
49	13.068	1864	1867	1870	rBV	569452	463838	19.84%	3.140%
50	13.210	1889	1891	1893	rBV2	44955	38277	1.64%	0.259%
51	13.374	1916	1919	1921	rBV2	61642	56134	2.40%	0.380%
52	13.945	2014	2016	2022	rBV4	50453	70469	3.01%	0.477%
53	14.139	2044	2049	2052	rBV2	505525	570097	24.39%	3.860%
54	15.668	2306	2309	2313	rVB	203669	250722	10.73%	1.697%

Sum of corrected areas: 14770393

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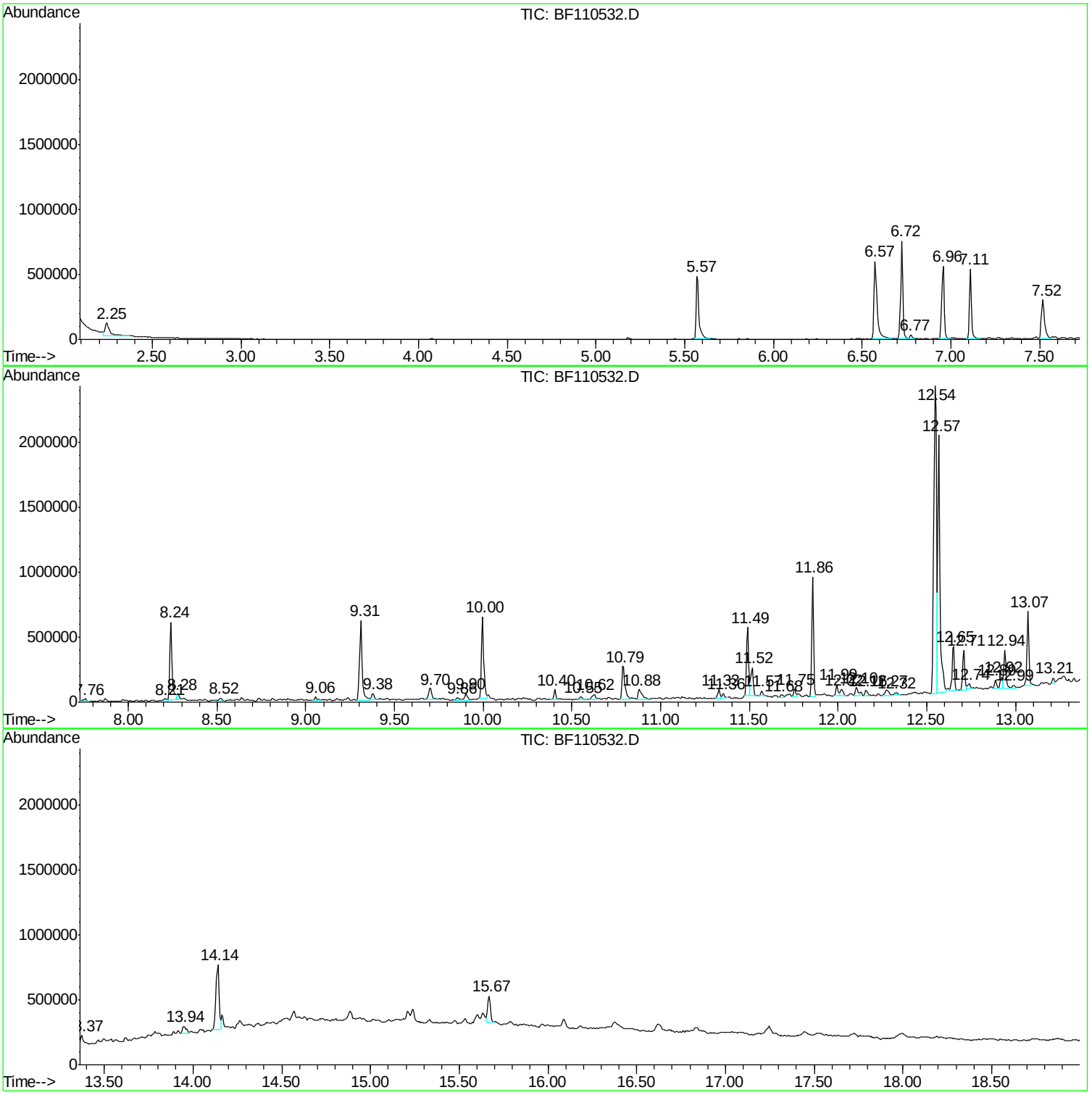
Data File : BF110532.D
Acq On : 6 Nov 2018 23:01
Operator : JU/SJ
Sample : J5764-09 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JC-03-110218-E

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.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\BF110618\
Data File : BF110532.D
Acq On : 6 Nov 2018 23:01
Operator : JU/SJ
Sample : J5764-09 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-03-110218-E

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.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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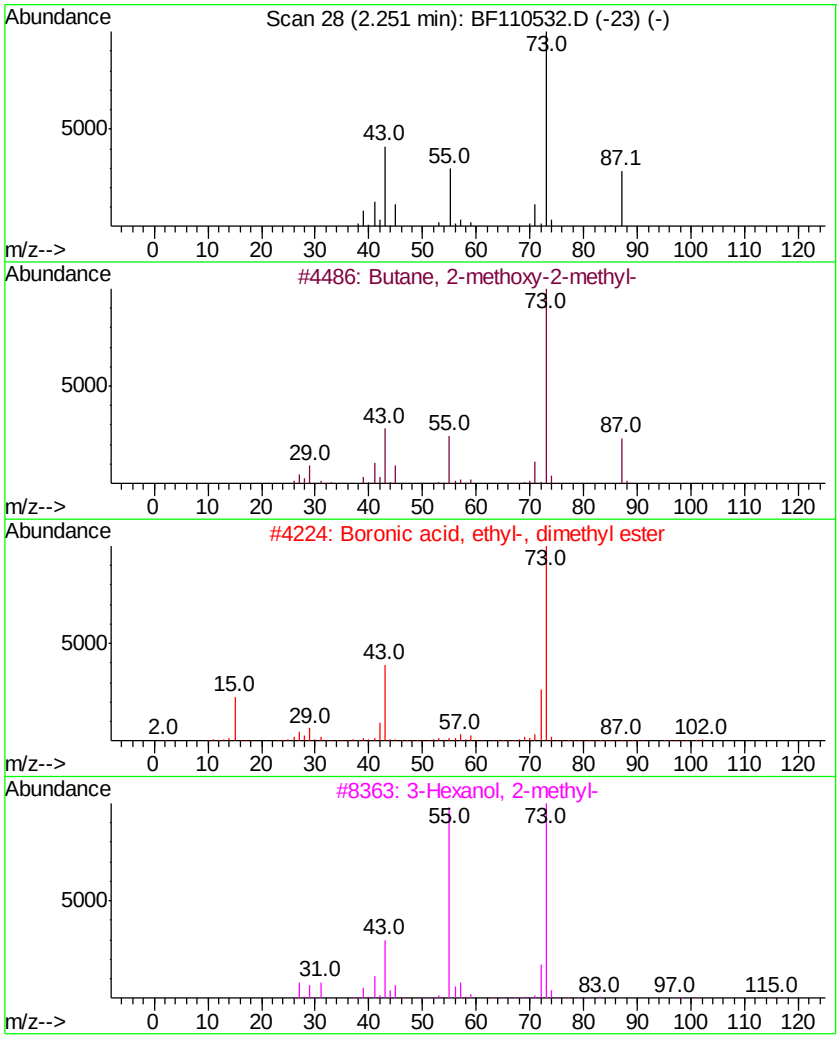
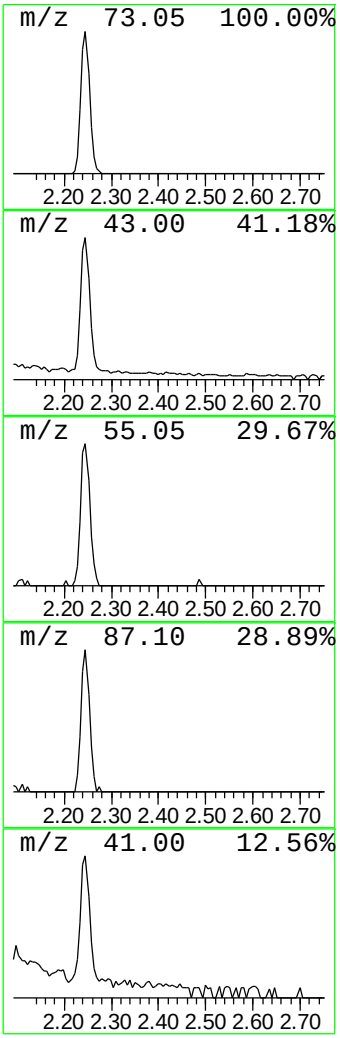
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.25	7.85 ng	203205	1,4-Dichlorobenzene-d4	6.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	Boronic acid, ethyl-, dimethyl e...	102	C4H11BO2	007318-82-3	25
3	3-Hexanol, 2-methyl-	116	C7H16O	000617-29-8	25
4	N-Ethylformamide	73	C3H7NO	000627-45-2	9
5	Borane, dimethoxy-	74	C2H7BO2	004542-61-4	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110618\
Data File : BF110532.D
Acq On : 6 Nov 2018 23:01
Operator : JU/SJ
Sample : J5764-09 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-03-110218-E

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

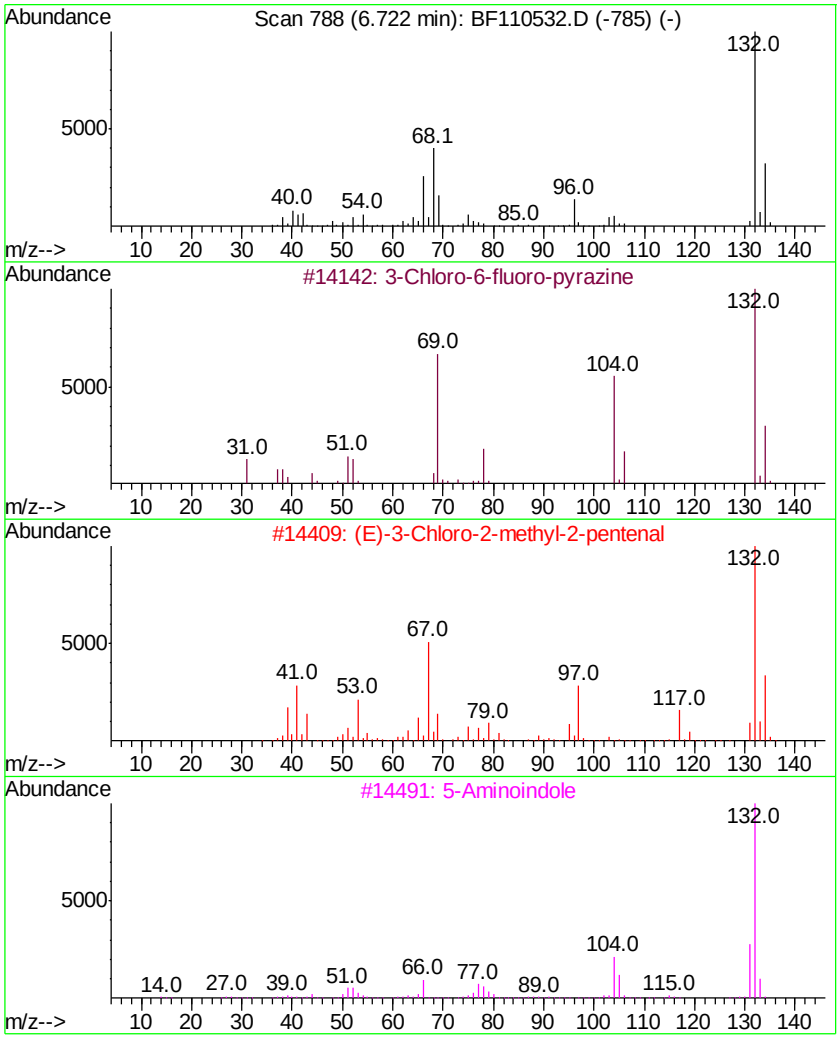
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

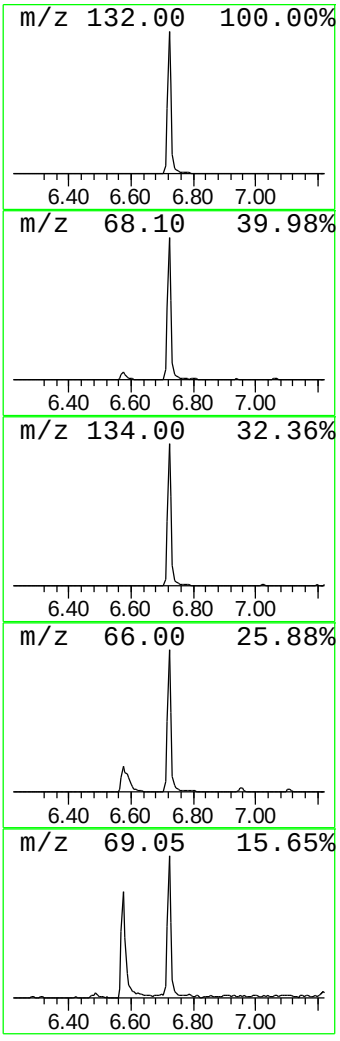
****

Peak Number 2 unknown6.72 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.72	24.29 ng	628794	1,4-Dichlorobenzene-d4	6.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5	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\BF110618\
Data File : BF110532.D
Acq On : 6 Nov 2018 23:01
Operator : JU/SJ
Sample : J5764-09 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-03-110218-E

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.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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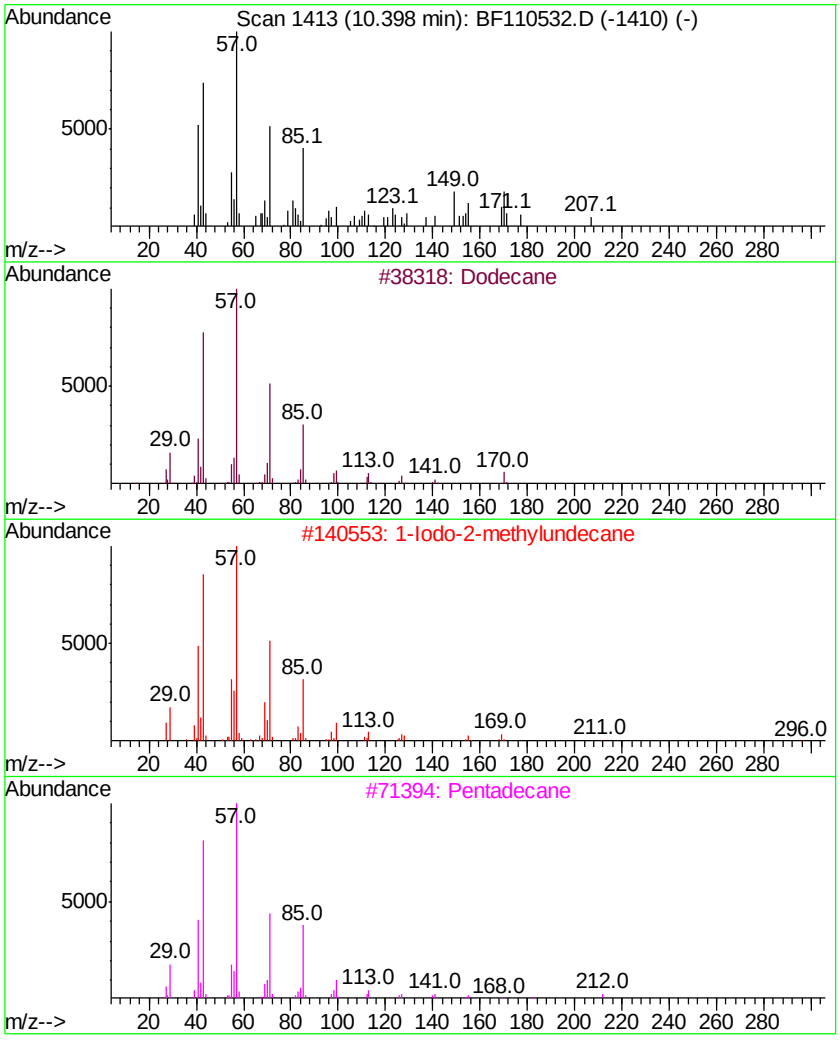
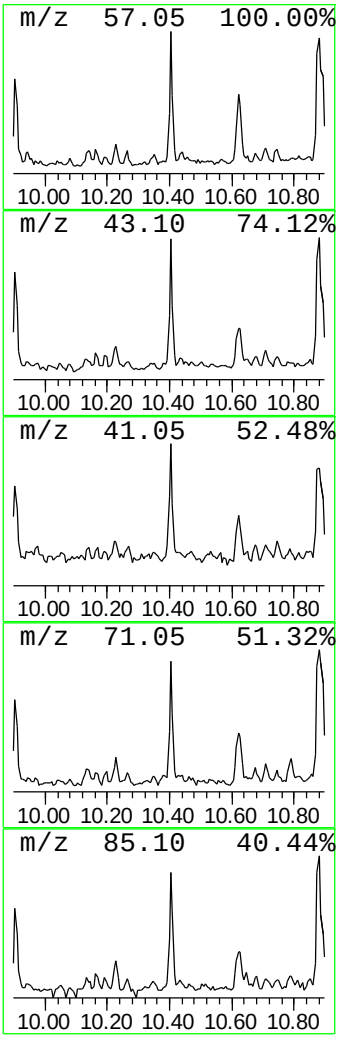
Peak Number 4 Dodecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.40	2.14 ng	61300	Acenaphthene-d10	10.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane	170	C12H26	000112-40-3	93
2	1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	86
3	Pentadecane	212	C15H32	000629-62-9	80
4	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	80
5	Eicosane	282	C20H42	000112-95-8	80





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110618\
Data File : BF110532.D
Acq On : 6 Nov 2018 23:01
Operator : JU/SJ
Sample : J5764-09 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-03-110218-E

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.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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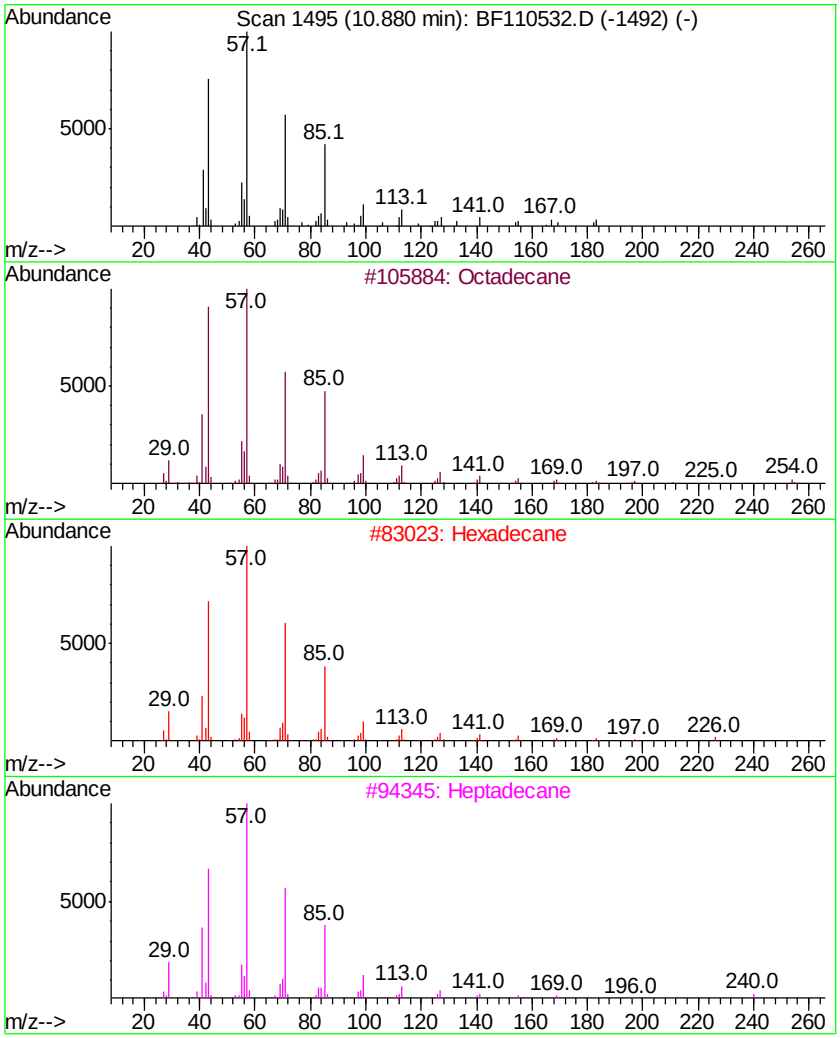
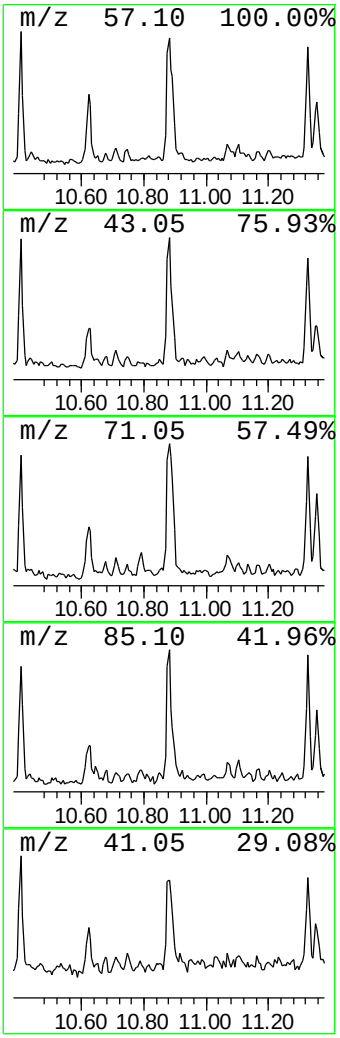
Peak Number 5 Octadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.88	4.70 ng	118167	Phenanthrene-d10	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	91
2	Hexadecane	226	C16H34	000544-76-3	90
3	Heptadecane	240	C17H36	000629-78-7	90
4	Tetradecane	198	C14H30	000629-59-4	90
5	Hexacosane	366	C26H54	000630-01-3	90





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Data File : BF110532.D
Acq On : 6 Nov 2018 23:01
Operator : JU/SJ
Sample : J5764-09 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-03-110218-E

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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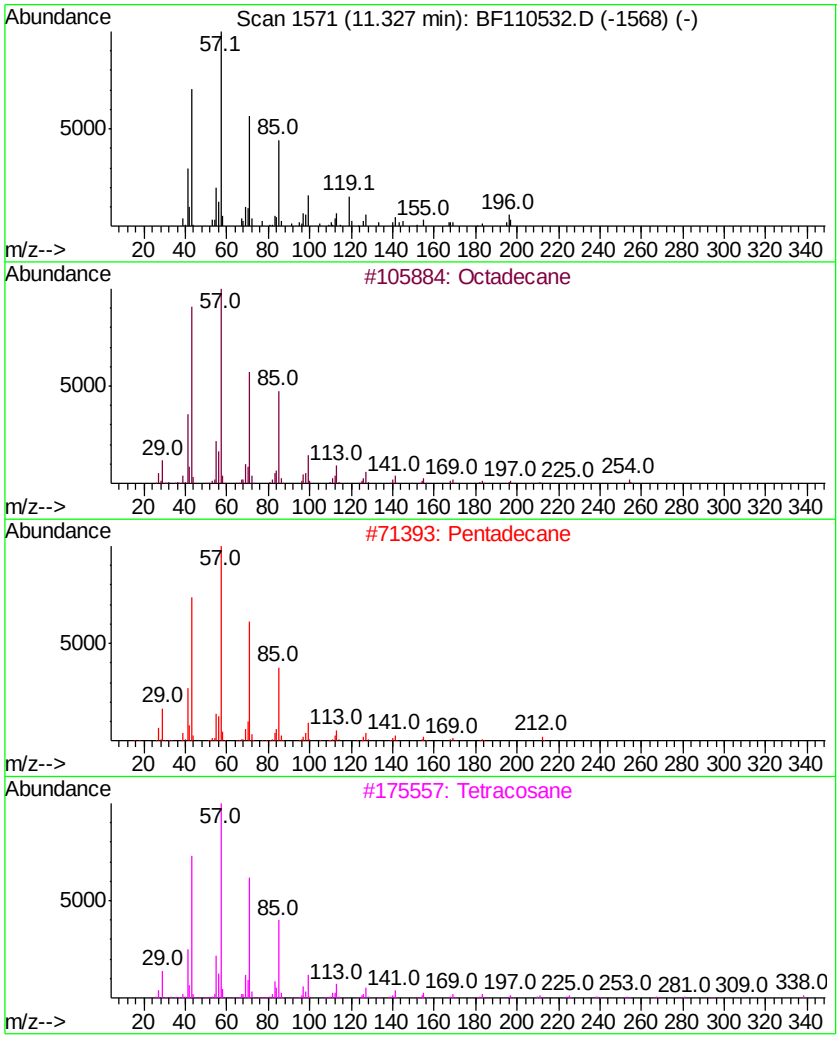
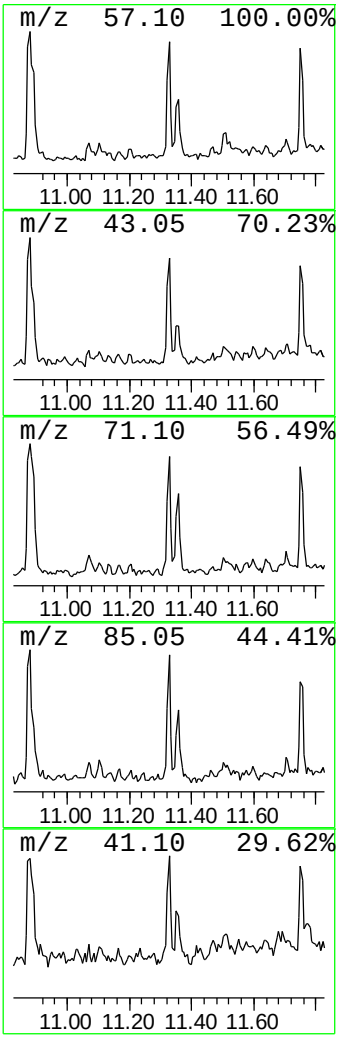
****

Peak Number 6 Pentadecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.33	2.21 ng	55716	Phenanthrene-d10	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	87
2	Pentadecane	212	C15H32	000629-62-9	83
3	Tetracosane	338	C24H50	000646-31-1	83
4	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	80
5	Docosane	310	C22H46	000629-97-0	80





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Operator : JU/SJ
Sample : J5764-09 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-03-110218-E

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.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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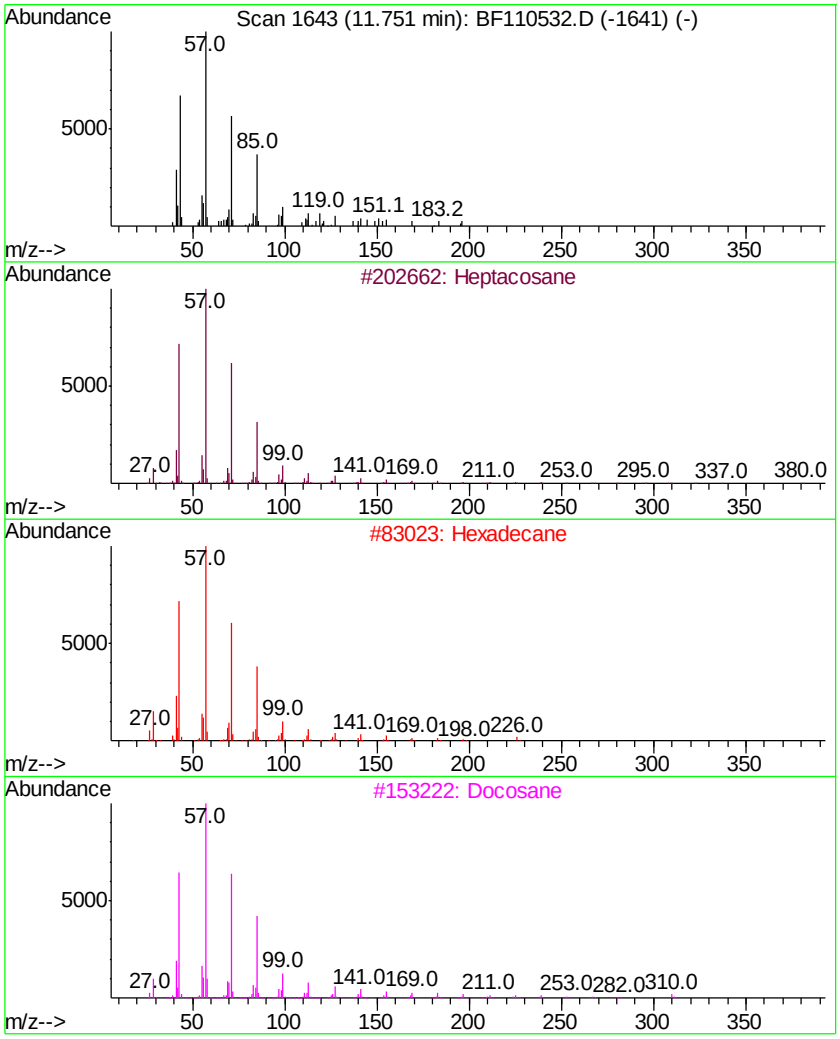
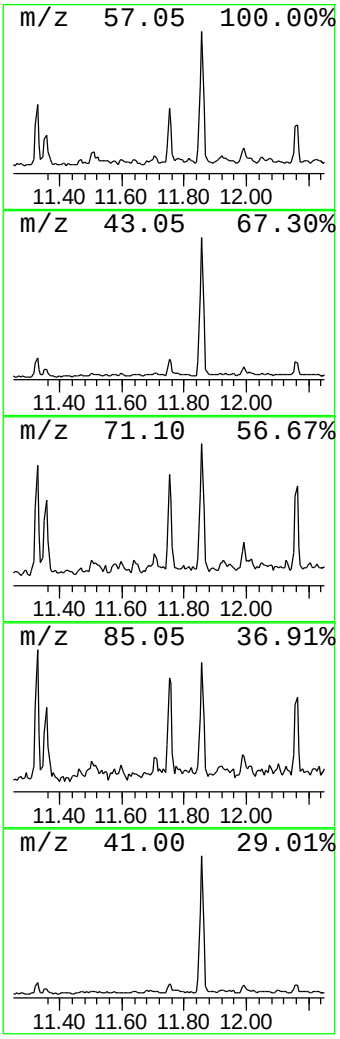
Peak Number 7 Heptacosane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.75	2.03 ng	51016	Phenanthrene-d10	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	87
2	Hexadecane	226	C16H34	000544-76-3	86
3	Docosane	310	C22H46	000629-97-0	86
4	Eicosane	282	C20H42	000112-95-8	86
5	Octadecane	254	C18H38	000593-45-3	86





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Data File : BF110532.D
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Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-03-110218-E

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

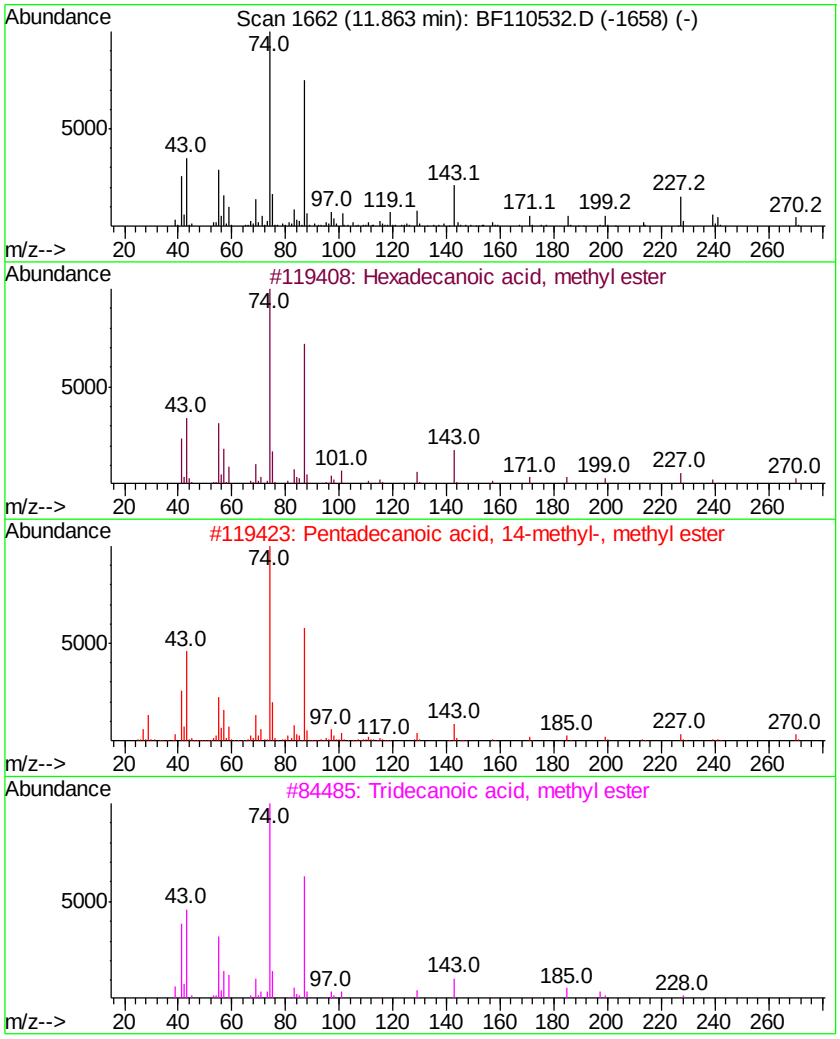
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

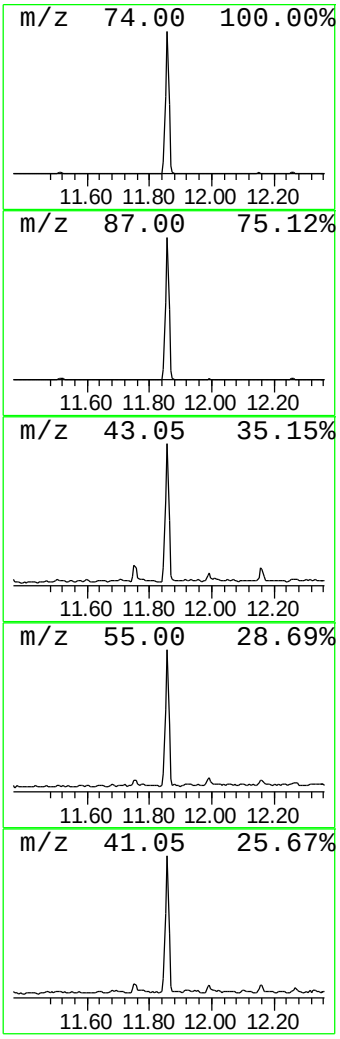
****

Peak Number 8 Hexadecanoic acid, methyl e... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.86	28.78 ng	724245	Phenanthrene-d10	11.49

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	94
3	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	89
4	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	86
5	Hexadecanoic acid, 15-methyl-, m...	284	C18H36O2	006929-04-0	83





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110618\
Data File : BF110532.D
Acq On : 6 Nov 2018 23:01
Operator : JU/SJ
Sample : J5764-09 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-03-110218-E

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.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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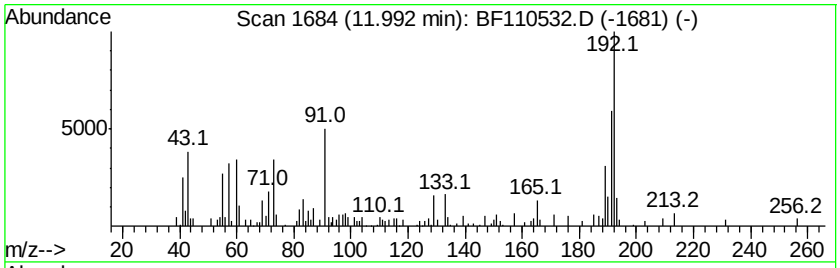
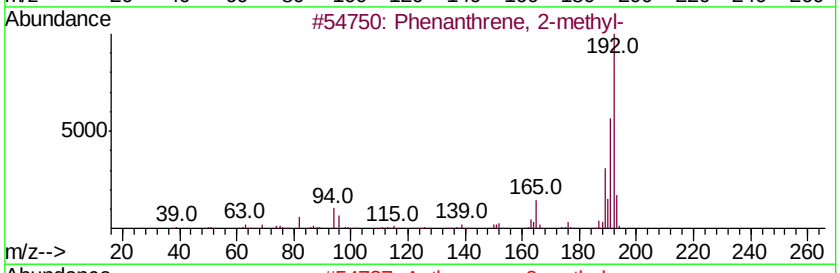
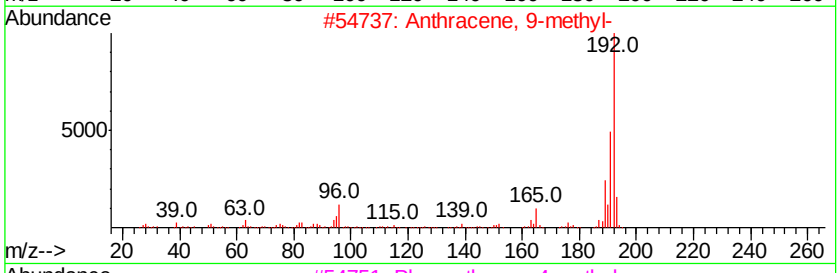
Peak Number 9 Phenanthrene, 2-methyl- Concentration Rank 9

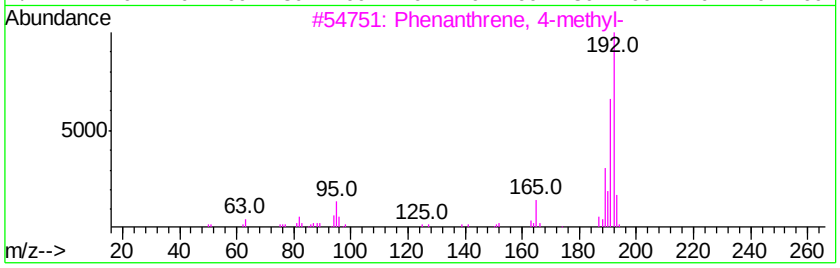
R.T.	EstConc	Area	Relative to ISTD	R.T.
11.99	3.46 ng	87024	Phenanthrene-d10	11.49

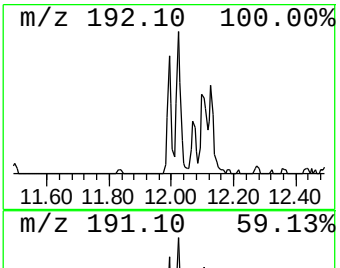
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	83
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	83
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	83
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	78
5	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	64

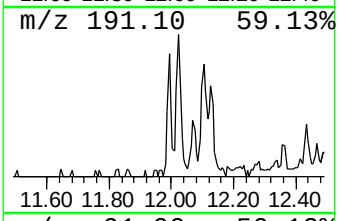


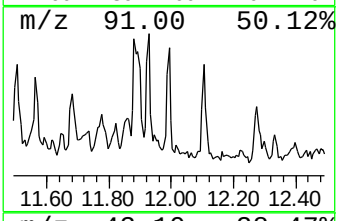


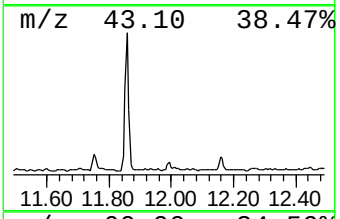


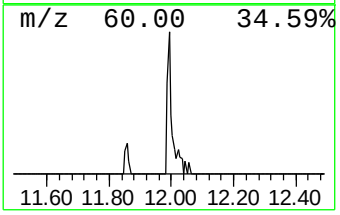












Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110618\
Data File : BF110532.D
Acq On : 6 Nov 2018 23:01
Operator : JU/SJ
Sample : J5764-09 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-03-110218-E

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

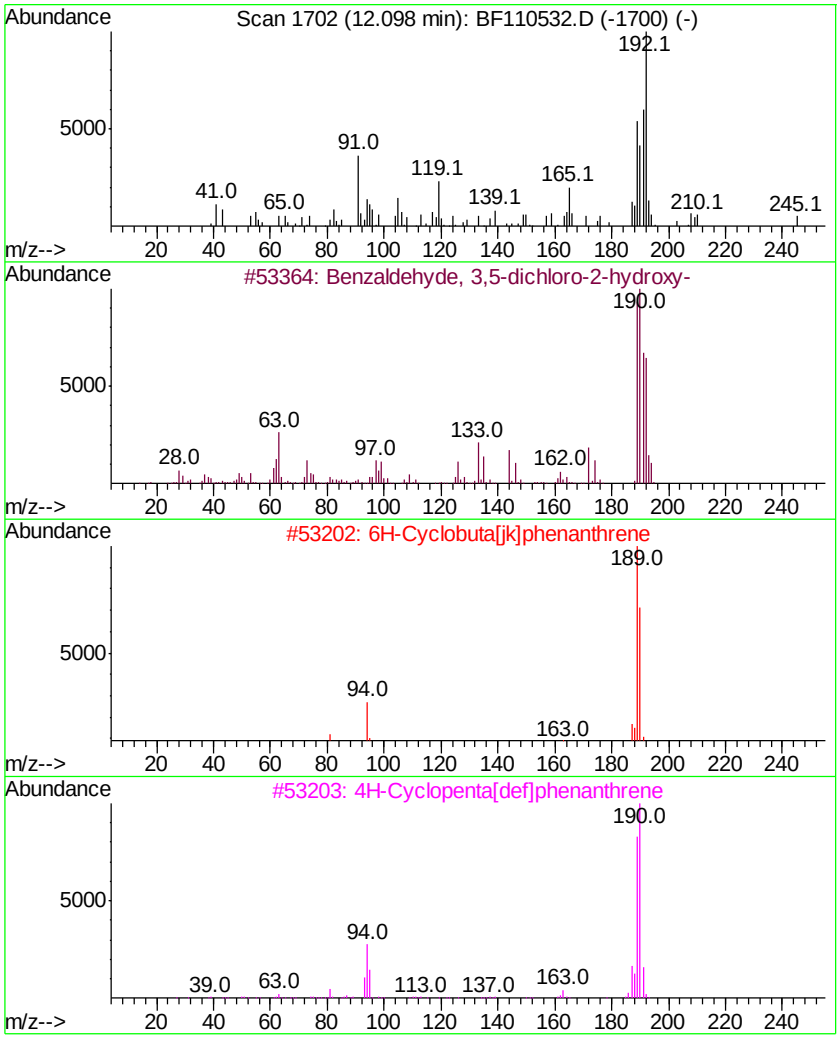
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

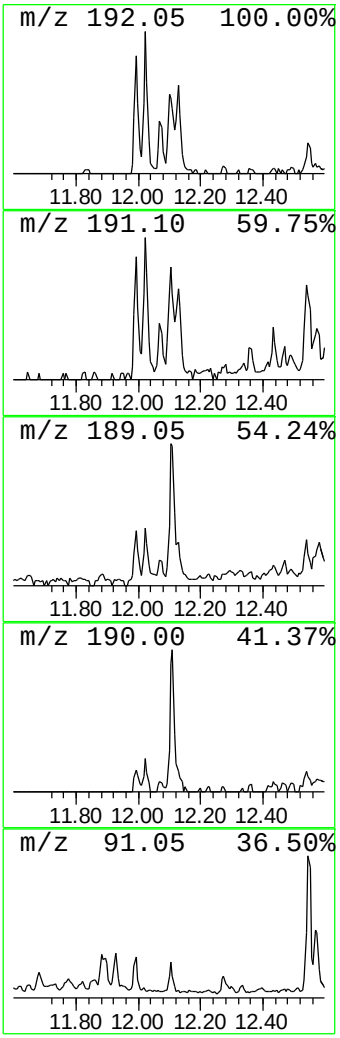
****

Peak Number 10 Benzaldehyde, 3,5-dichloro-... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.10	2.95 ng	74267	Phenanthrene-d10	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	59
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	50
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	49
4	1H-Pyrazole-4-carboxaldehyde, 1-...	190	C10H7FN2O	1000338-05-6	43
5	Carbonic acid, ethyl 2-formyl-4,...	262	C10H8Cl2O4	1000331-34-4	40





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Acq On : 6 Nov 2018 23:01
Operator : JU/SJ
Sample : J5764-09 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-03-110218-E

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

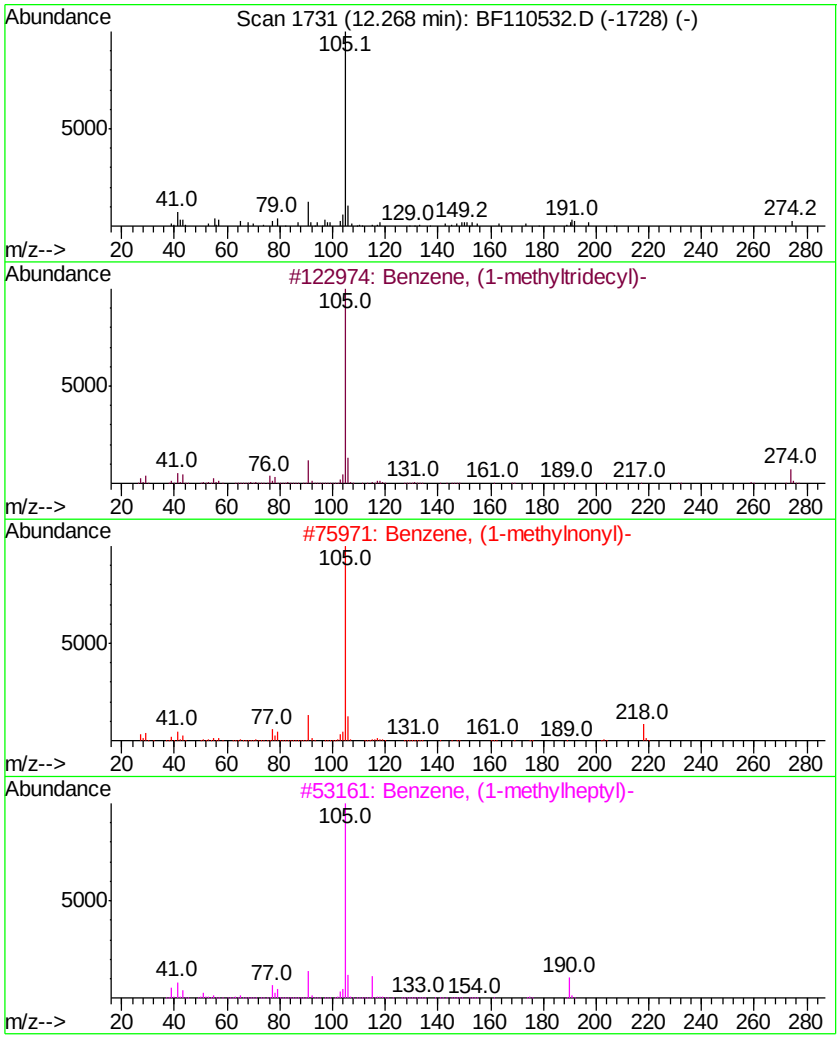
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

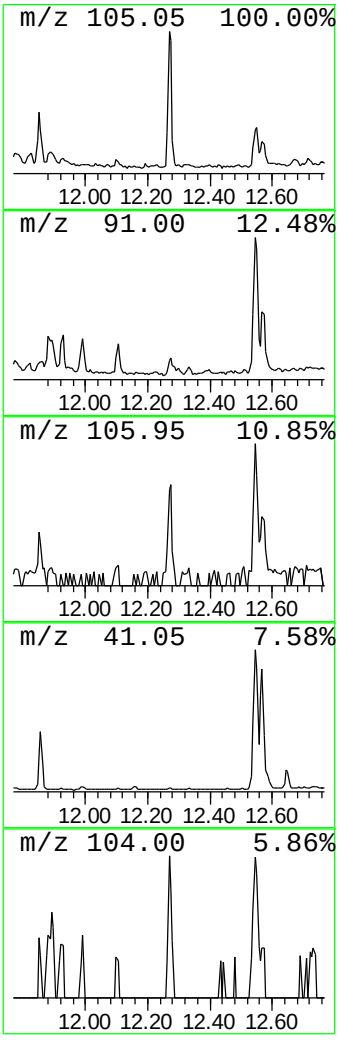
****

Peak Number 11 Benzene, (1-methyltridecyl)- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.27	2.45 ng	61717	Phenanthrene-d10	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methyltridecyl)-	274	C20H34	004534-59-2	59
2	Benzene, (1-methylnonyl)-	218	C16H26	004537-13-7	53
3	Benzene, (1-methylheptyl)-	190	C14H22	000777-22-0	53
4	Benzene, (1-methyldecyl)-	232	C17H28	004536-88-3	53
5	Benzene, (1-methylundecyl)-	246	C18H30	002719-61-1	53





Library Search Compound Report

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Acq On : 6 Nov 2018 23:01
Operator : JU/SJ
Sample : J5764-09 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-03-110218-E

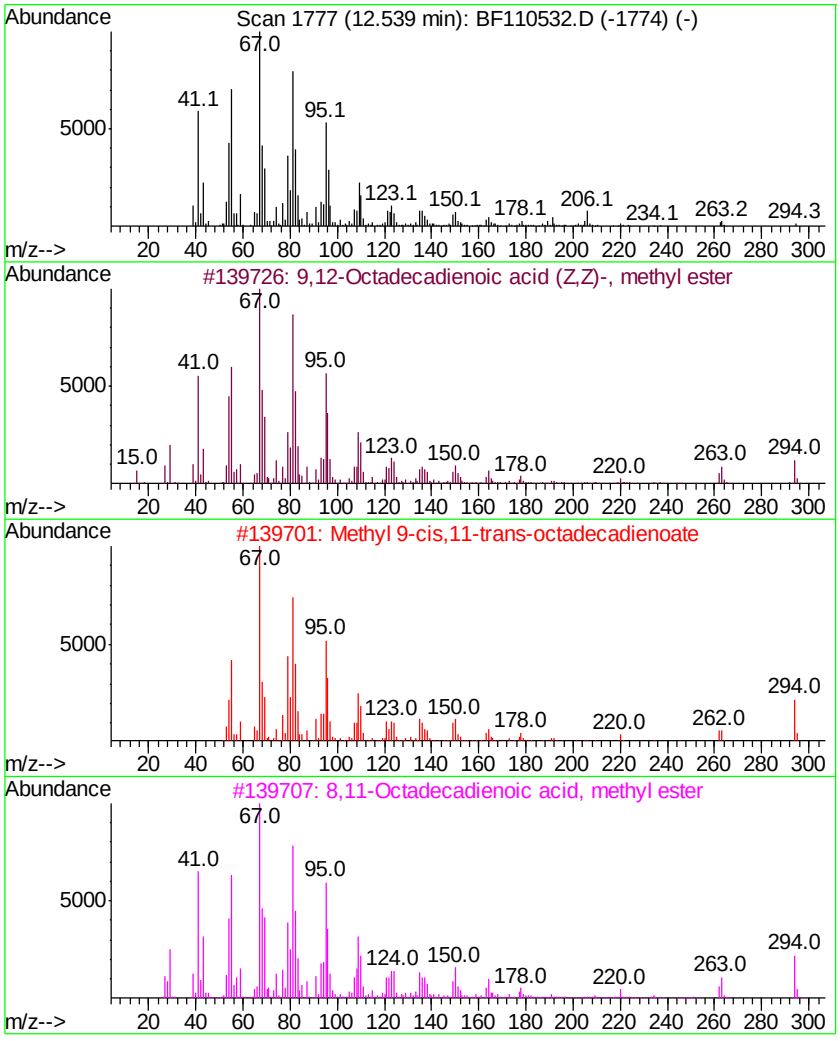
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

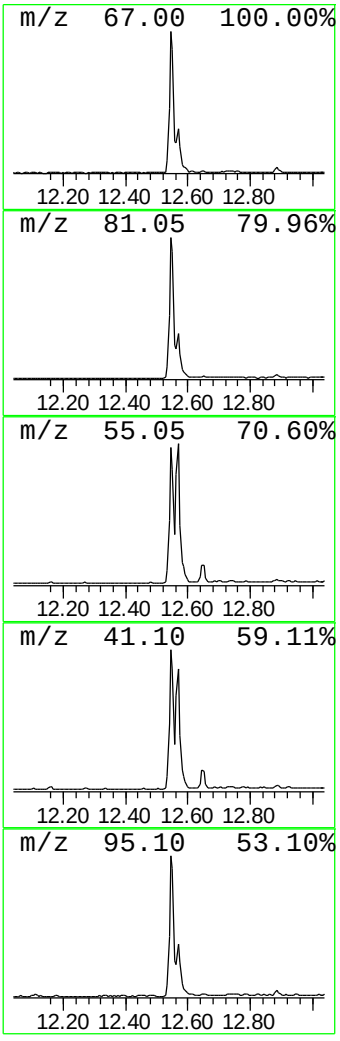
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.54	92.90 ng	2337640	Phenanthrene-d10	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	99
2	Methyl 9-cis,11-trans-octadecadi...	294	C19H34O2	1000336-44-0	99
3	8,11-Octadecadienoic acid, methy...	294	C19H34O2	056599-58-7	99
4	Methyl 10-trans,12-cis-octadecad...	294	C19H34O2	1000336-44-2	99
5	10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	99





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Data File : BF110532.D
Acq On : 6 Nov 2018 23:01
Operator : JU/SJ
Sample : J5764-09 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-03-110218-E

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

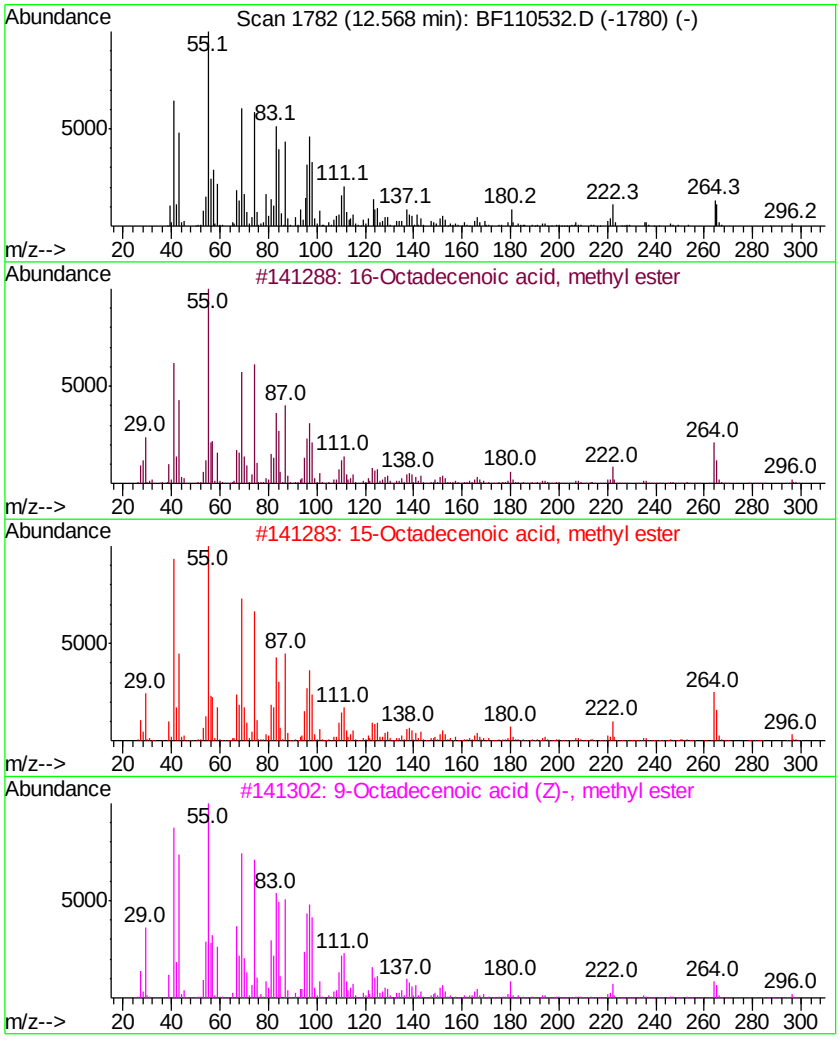
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

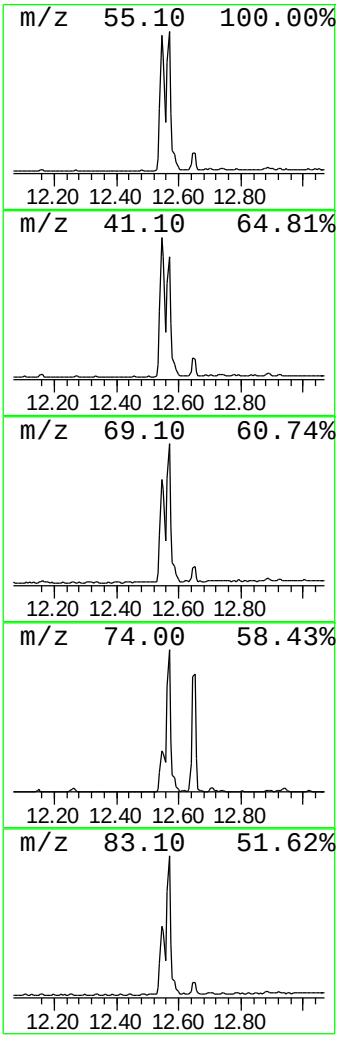
****

Peak Number 13 16-Octadecenoic acid, methy... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.57	72.13 ng	1815050	Phenanthrene-d10	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	99
2	15-Octadecenoic acid, methyl ester	296	C19H36O2	004764-72-1	99
3	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	96
4	11-Octadecenoic acid, methyl est...	296	C19H36O2	001937-63-9	94
5	10-Octadecenoic acid, methyl ester	296	C19H36O2	013481-95-3	94





Library Search Compound Report

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Data File : BF110532.D
Acq On : 6 Nov 2018 23:01
Operator : JU/SJ
Sample : J5764-09 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-03-110218-E

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.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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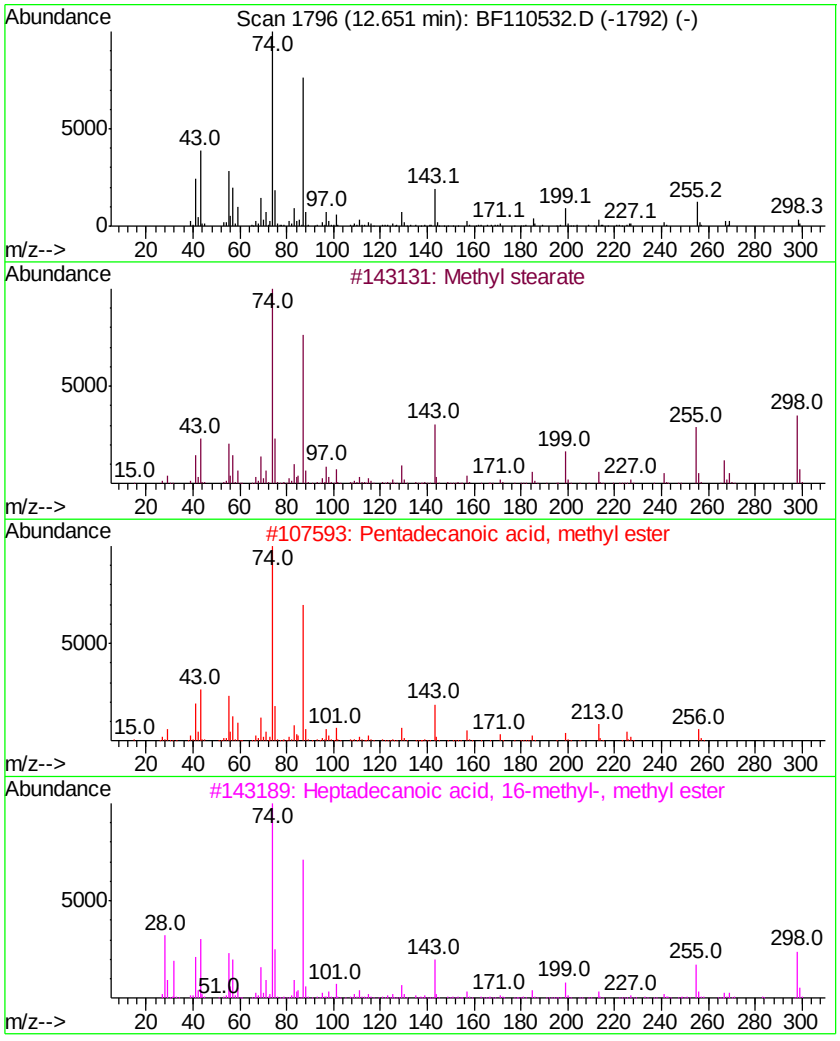
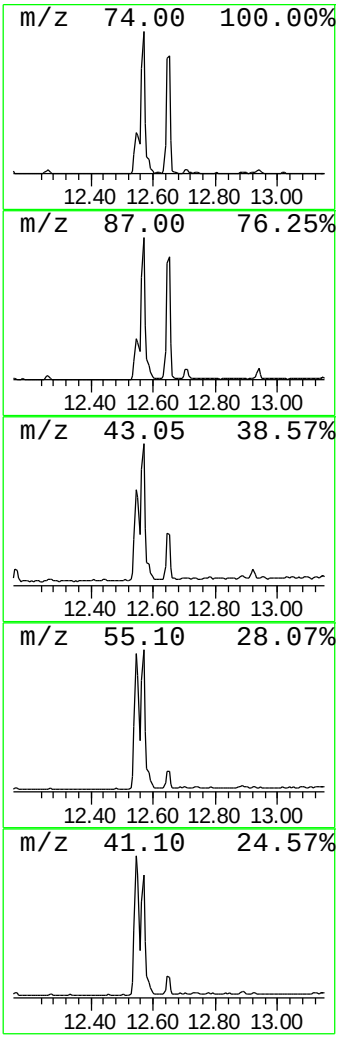
Peak Number 14 Methyl stearate Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.65	12.89 ng	324276	Phenanthrene-d10	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl stearate	298	C19H38O2	000112-61-8	97
2	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	90
3	Heptadecanoic acid, 16-methyl-, ...	298	C19H38O2	005129-61-3	89
4	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	86
5	Methyl tetradecanoate	242	C15H30O2	000124-10-7	86





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Acq On : 6 Nov 2018 23:01
Operator : JU/SJ
Sample : J5764-09 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-03-110218-E

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.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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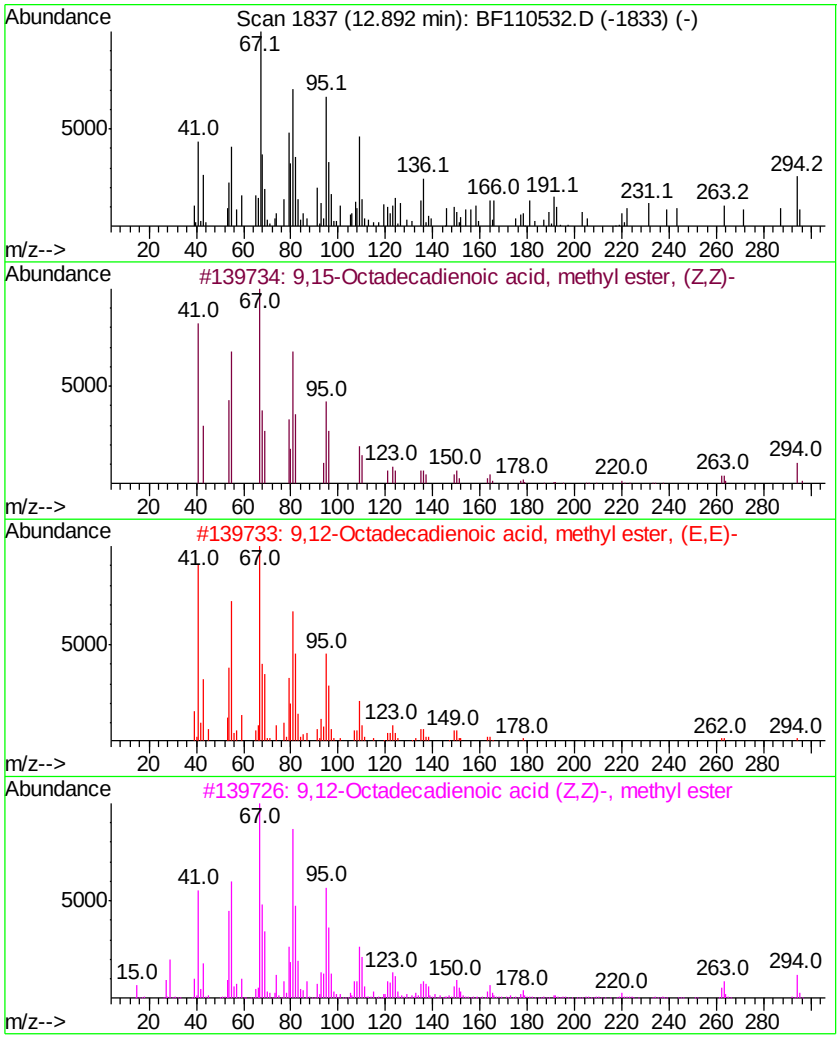
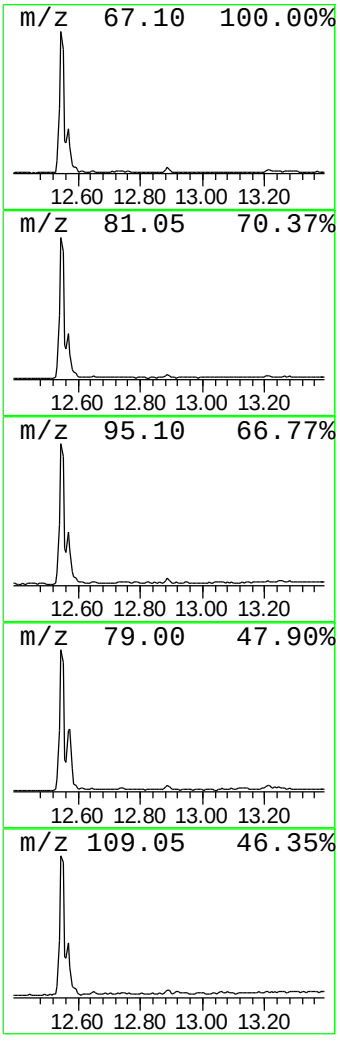
Peak Number 15 9,15-Octadecadienoic acid, ... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.89	2.01 ng	57174	Chrysene-d12	14.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	94
2	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	93
3	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	87
4	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	87
5	12,15-Octadecadienoic acid, meth...	294	C19H34O2	057156-97-5	81





Library Search Compound Report

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Acq On : 6 Nov 2018 23:01
Operator : JU/SJ
Sample : J5764-09 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-03-110218-E

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.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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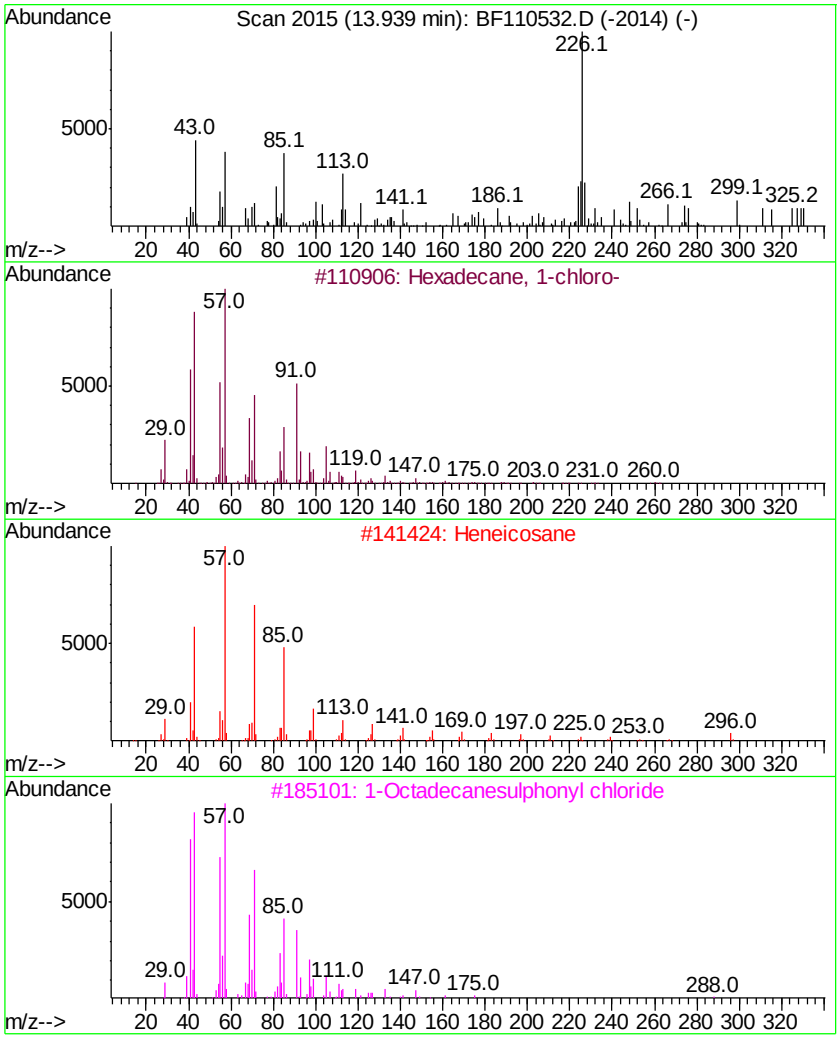
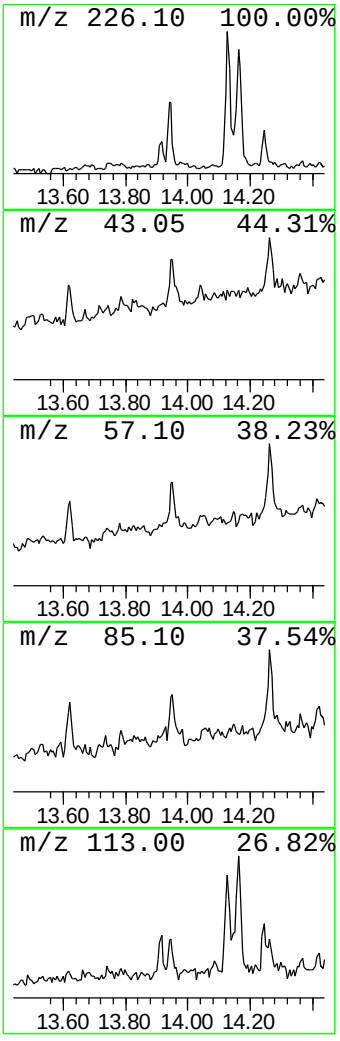
Peak Number 16 Hexadecane, 1-chloro- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.94	2.47 ng	70469	Chrysene-d12	14.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 1-chloro-	260	C16H33Cl	004860-03-1	50
2	Heneicosane	296	C21H44	000629-94-7	43
3	1-Octadecanesulphonyl chloride	352	C18H37ClO2S	1000342-70-4	43
4	Octacosane	394	C28H58	000630-02-4	35
5	Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	35





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...	2.25	7.8	ng	203205	1	6.96	517759	20.0
unknown6.72	6.72	24.3	ng	628794	1	6.96	517759	20.0
Dodecane	10.40	2.1	ng	61300	3	10.00	572891	20.0
Octadecane	10.88	4.7	ng	118167	4	11.49	503274	20.0
Pentadecane	11.33	2.2	ng	55716	4	11.49	503274	20.0
Heptacosane	11.75	2.0	ng	51016	4	11.49	503274	20.0
Hexadecanoic acid...	11.86	28.8	ng	724245	4	11.49	503274	20.0
Phenanthrene, 2-m...	11.99	3.5	ng	87024	4	11.49	503274	20.0
Benzaldehyde, 3,5...	12.10	3.0	ng	74267	4	11.49	503274	20.0
Benzene, (1-methy...	12.27	2.5	ng	61717	4	11.49	503274	20.0
9,12-Octadecadien...	12.54	92.9	ng	2337640	4	11.49	503274	20.0
16-Octadecenoic a...	12.57	72.1	ng	1815050	4	11.49	503274	20.0
Methyl stearate	12.65	12.9	ng	324276	4	11.49	503274	20.0
9,15-Octadecadien...	12.89	2.0	ng	57174	5	14.14	570097	20.0
Hexadecane, 1-chl...	13.94	2.5	ng	70469	5	14.14	570097	20.0