LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030519\
Data File : BF112860.D
Acq On : 5 Mar 2019 18:53
Operator : JU/SJ
Sample : K1715-11
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-5-A

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-BF022719.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	5.351	550	555	558	rBV	3566143	3601224	83.20%	8.059%
2	6.375	723	729	732	rBV	3833684	3929757	90.79%	8.794%
3	6.510	747	752	755	rBV	3986612	3980643	91.96%	8.908%
4	6.734	787	790	794	rBV	1014915	914234	21.12%	2.046%
5	6.893	813	817	821	rBV	3357722	2965930	68.52%	6.637%
6	7.298	880	886	893	rBV	2491621	2543930	58.77%	5.693%
7	8.016	1004	1008	1019	rBV	1229939	1228577	28.38%	2.749%
8	9.092	1187	1191	1205	rBV	4227941	4328603	100.00%	9.686%
9	9.186	1205	1207	1211	rVB2	43886	47756	1.10%	0.107%
10	9.486	1255	1258	1261	rBV	386801	337387	7.79%	0.755%
11	9.769	1300	1306	1310	rBV	1609964	1412145	32.62%	3.160%
12	9.975	1338	1341	1345	rBV2	66393	68280	1.58%	0.153%
13	10.051	1349	1354	1359	rBV	103082	217343	5.02%	0.486%
14	10.551	1435	1439	1443	rBV	3175165	3294342	76.11%	7.372%
15	10.657	1453	1457	1459	rBV	67699	72616	1.68%	0.162%
16	11.245	1553	1557	1560	rBV	1744657	1540018	35.58%	3.446%
17	11.269	1560	1561	1565	rVV	241670	137212	3.17%	0.307%
18	11.322	1567	1570	1573	rVB	53606	54026	1.25%	0.121%
19	11.745	1639	1642	1645	rBV	53128	53743	1.24%	0.120%
20	11.786	1645	1649	1658	rVV2	1011179	1302109	30.08%	2.914%
21	11.857	1658	1661	1663	rVV	108598	130677	3.02%	0.292%
22	11.880	1663	1665	1670	rVB	57604	57537	1.33%	0.129%
23	11.963	1677	1679	1684	rVB3	51972	54318	1.25%	0.122%
24	12.039	1689	1692	1694	rBV	46894	43874	1.01%	0.098%
25	12.298	1733	1736	1739	rBV	76055	79369	1.83%	0.178%
26	12.351	1739	1745	1748	rVV4	61613	96580	2.23%	0.216%
27	12.457	1760	1763	1766	rBV	466566	377983	8.73%	0.846%
28	12.569	1779	1782	1792	rBV	684922	736694	17.02%	1.649%
29	12.680	1795	1801	1804	rBV2	304818	353547	8.17%	0.791%
30	12.739	1809	1811	1815	rVB3	68801	66282	1.53%	0.148%
31	12.833	1822	1827	1830	rBV	4354274	4278798	98.85%	9.575%
32	12.986	1850	1853	1855	rBV4	38619	59598	1.38%	0.133%
33	13.010	1855	1857	1860	rVB2	81454	68496	1.58%	0.153%
34	13.074	1865	1868	1871	rVB	139585	112994	2.61%	0.253%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030519\
Data File : BF112860.D
Acq On : 5 Mar 2019 18:53
Operator : JU/SJ
Sample : K1715-11
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-5-A

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-BF022719.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	13.110	1871	1874	1877	rBV	68462	63137	1.46%	0.141%
36	13.416	1923	1926	1931	rVB2	97517	124059	2.87%	0.278%
37	13.510	1940	1942	1947	rVB	52088	68780	1.59%	0.154%
38	13.621	1958	1961	1964	rBV3	55478	60231	1.39%	0.135%
39	13.733	1976	1980	1987	rVB4	323398	463066	10.70%	1.036%
40	13.874	1999	2004	2006	rBV	1273695	1433086	33.11%	3.207%
41	13.892	2006	2007	2010	rVB	166173	134868	3.12%	0.302%
42	14.057	2032	2035	2038	rVB	160842	143845	3.32%	0.322%
43	14.363	2083	2087	2092	rBV2	220210	280271	6.47%	0.627%
44	14.657	2134	2137	2143	rVB	209341	222926	5.15%	0.499%
45	14.880	2171	2175	2184	rVB	239748	406854	9.40%	0.910%
46	14.974	2188	2191	2200	rVB2	280222	385624	8.91%	0.863%
47	15.163	2220	2223	2226	rBV	119969	129497	2.99%	0.290%
48	15.221	2229	2233	2238	rVB	133245	155548	3.59%	0.348%
49	15.280	2238	2243	2247	rBV	909655	1142438	26.39%	2.556%
50	15.327	2248	2251	2256	rVB	208910	278723	6.44%	0.624%
51	15.739	2316	2321	2325	rBV	206507	305312	7.05%	0.683%
52	16.210	2398	2401	2409	rVB	95187	152797	3.53%	0.342%
53	16.639	2470	2474	2486	rVB2	84674	190467	4.40%	0.426%

Sum of corrected areas: 44688151

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Misc :
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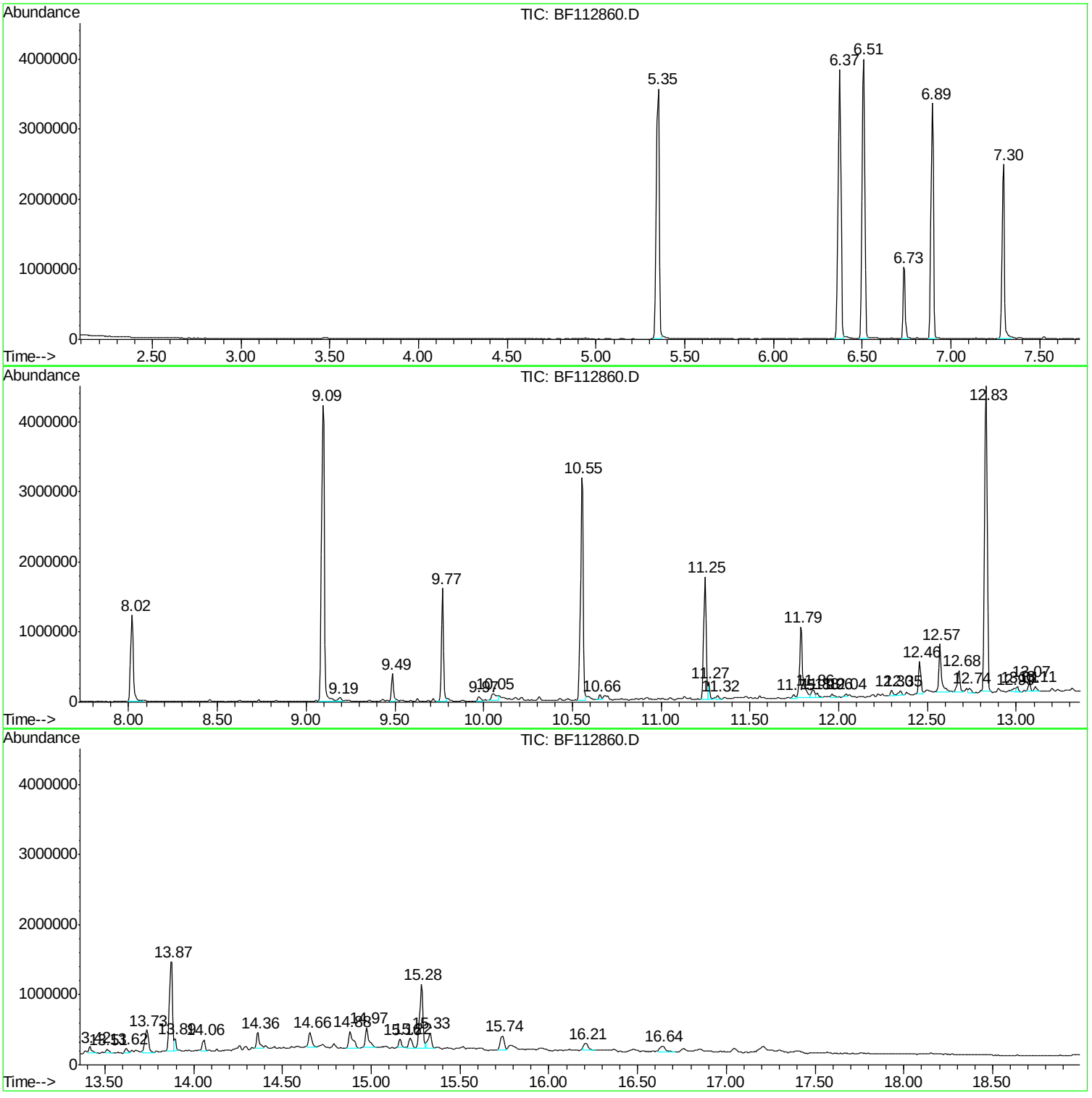
Instrument : BNA_F
ClientSampleId : TP-5-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030519\
Data File : BF112860.D
Acq On : 5 Mar 2019 18:53
Operator : JU/SJ
Sample : K1715-11
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-5-A

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TIC Library : C:\DATABASE\NIST11.L
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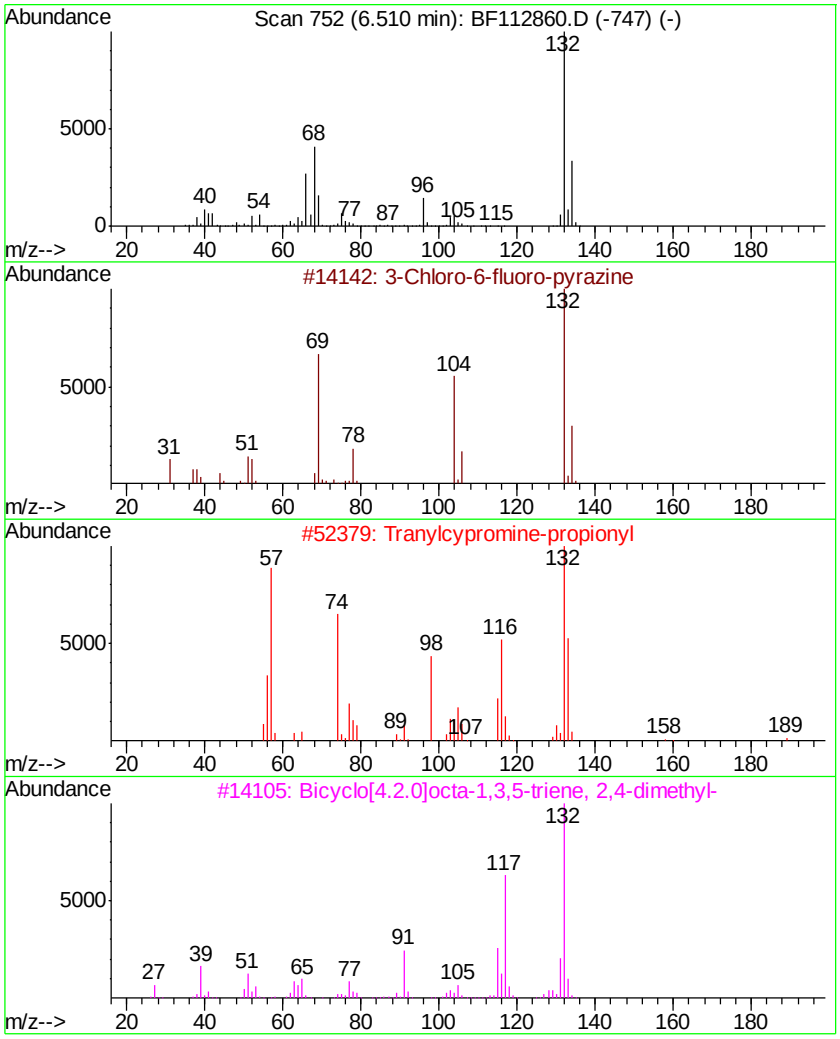
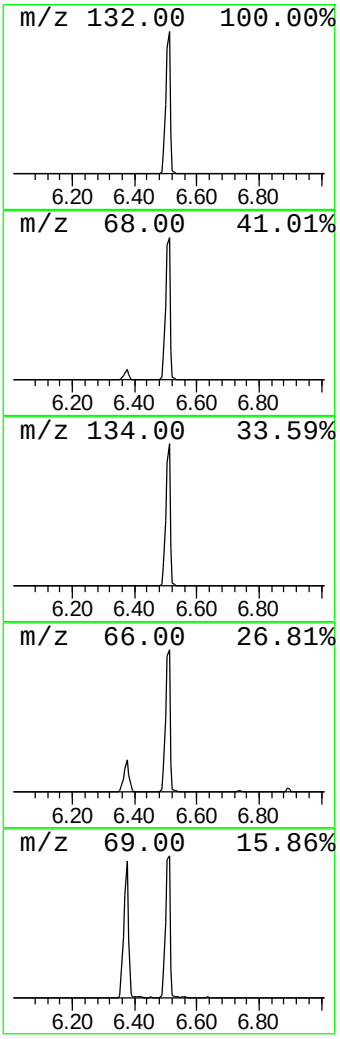
Peak Number 1 unknown6.51 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.51	87.08 ng	3980640	1,4-Dichlorobenzene-d4	6.74

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	12
3	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4	4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9
5	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9





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Data File : BF112860.D
Acq On : 5 Mar 2019 18:53
Operator : JU/SJ
Sample : K1715-11
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-5-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.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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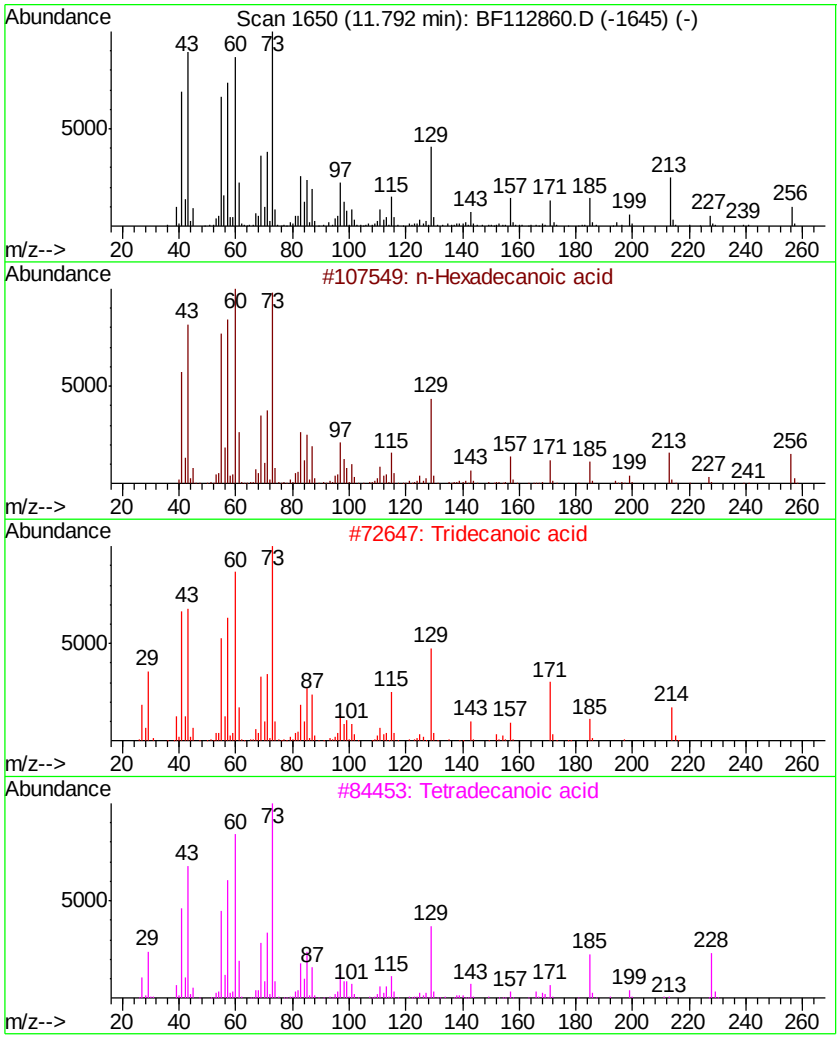
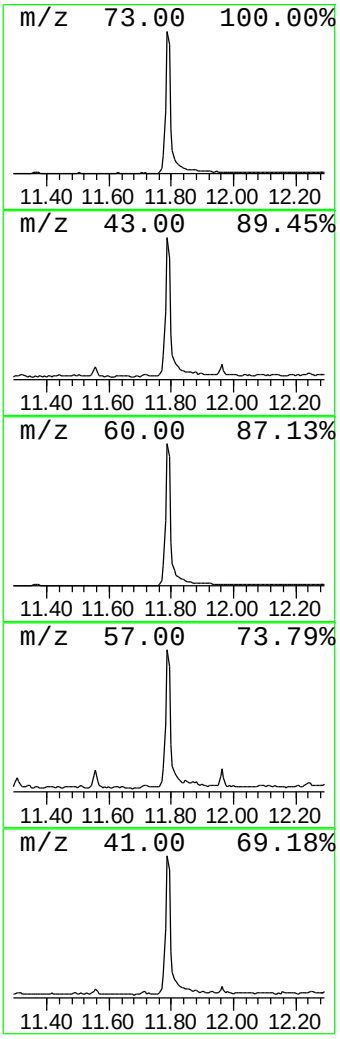
Peak Number 4 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.79	16.91 ng	1302110	Phenanthrene-d10	11.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	95
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	93
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
5	Oxalic acid, dodecyl isobutyl ester	314	C18H34O4	1000309-37-7	25





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030519\
Data File : BF112860.D
Acq On : 5 Mar 2019 18:53
Operator : JU/SJ
Sample : K1715-11
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-5-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.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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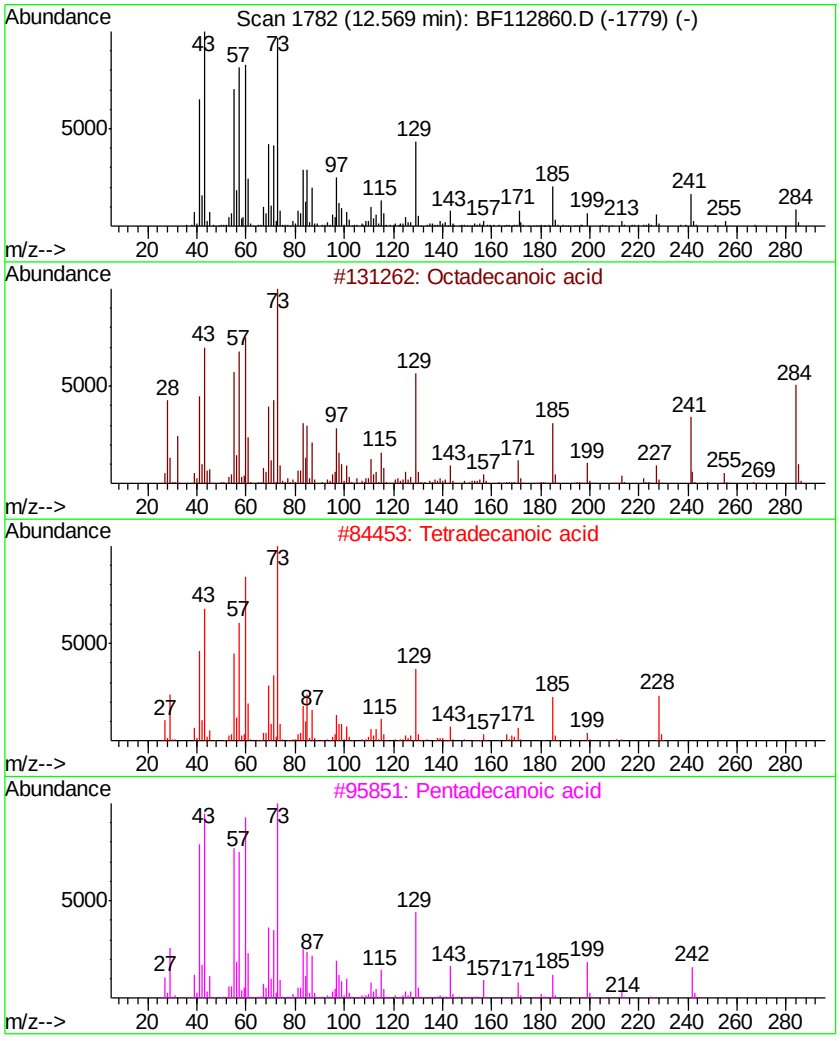
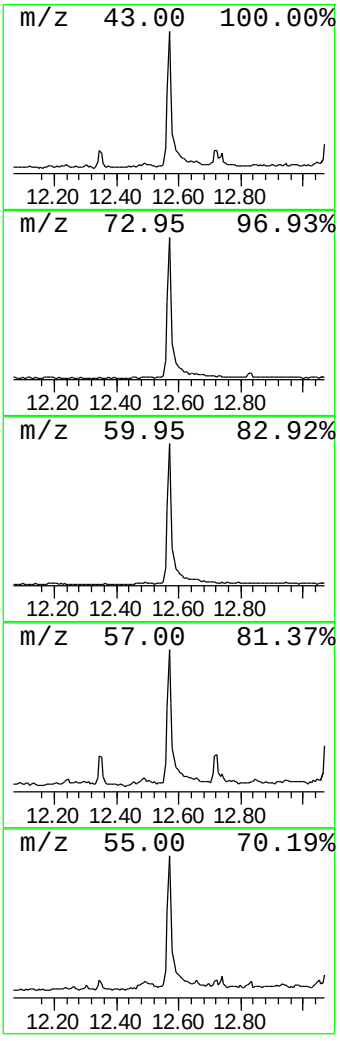
Peak Number 5 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.57	10.28 ng	736694	Chrysene-d12	13.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	91
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
4	n-Decanoic acid	172	C10H20O2	000334-48-5	76
5	Tridecanoic acid	214	C13H26O2	000638-53-9	68





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Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-5-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.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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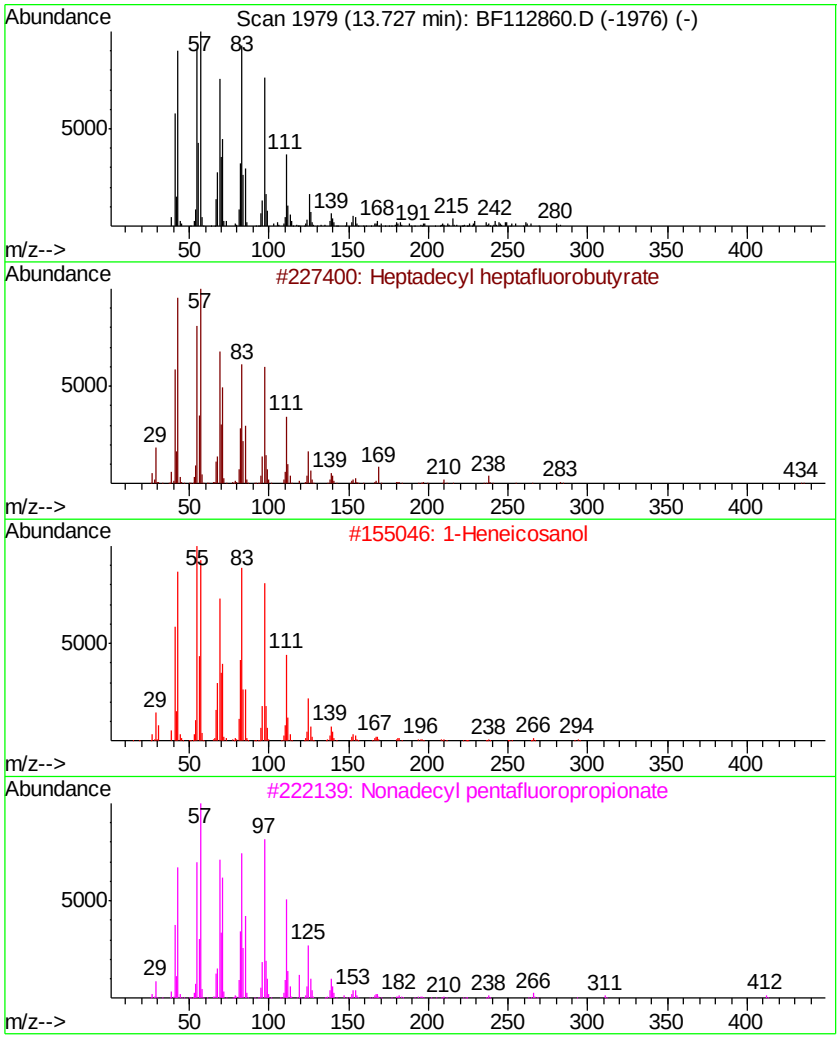
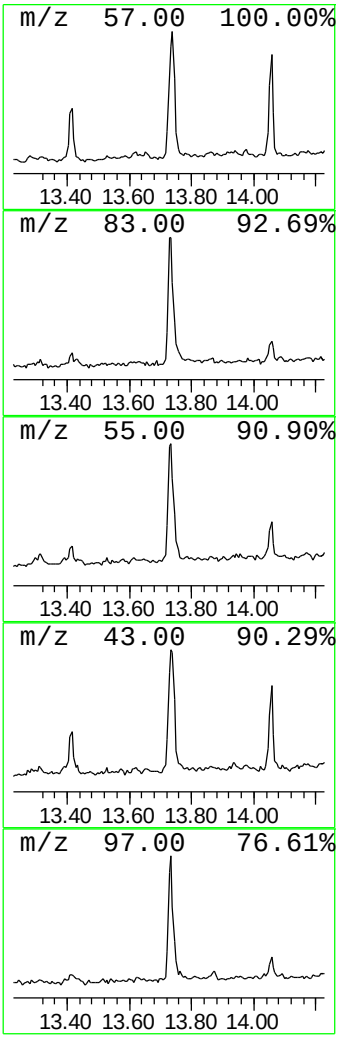
Peak Number 6 Heptadecyl heptafluorobutyrate Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.73	6.46 ng	463066	Chrysene-d12	13.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94
2	1-Heneicosanol	312	C21H44O	015594-90-8	93
3	Nonadecyl pentafluoropropionate	430	C22H39F5O2	1000351-88-8	91
4	Heptafluorobutyric acid, hexadec...	438	C20H33F7O2	006385-15-5	91
5	Pentafluoropropionic acid, octad...	416	C21H37F5O2	959261-25-7	91





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Sample : K1715-11
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-5-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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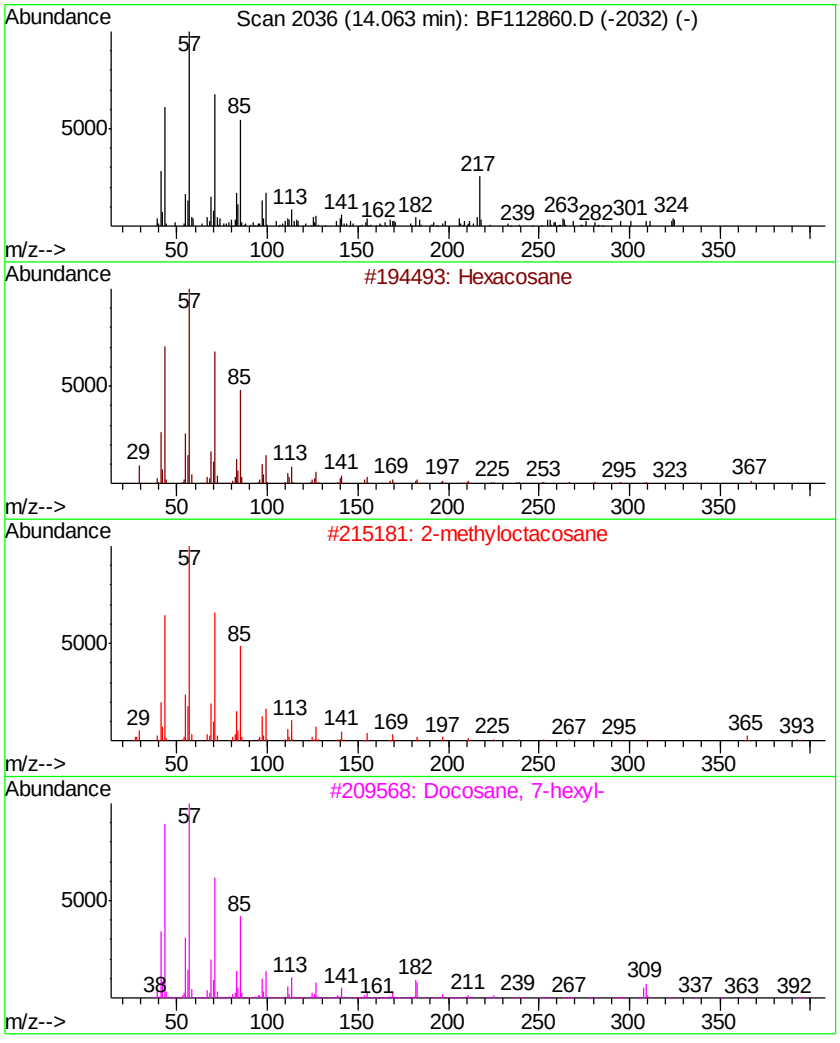
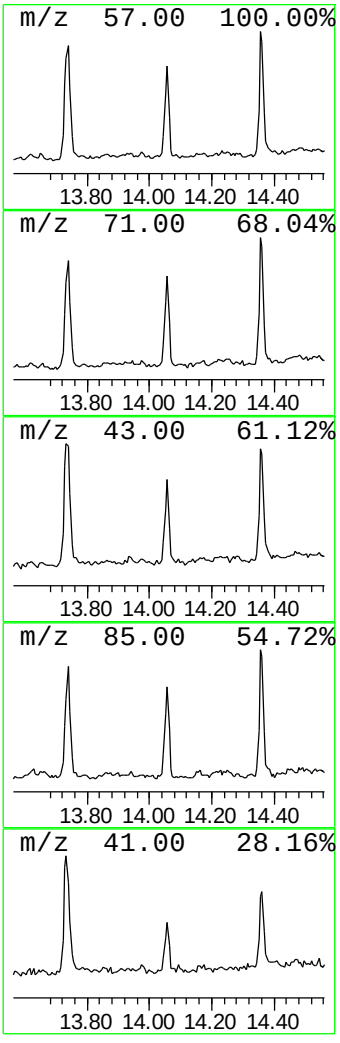
Peak Number 7 Hexacosane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.06	2.01 ng	143845	Chrysene-d12	13.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	87
2	2-methyloctacosane	408	C29H60	1000376-72-8	83
3	Docosane, 7-hexyl-	394	C28H58	055373-86-9	83
4	Pentacosane	352	C25H52	000629-99-2	83
5	Heptacosane	380	C27H56	000593-49-7	80





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Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-5-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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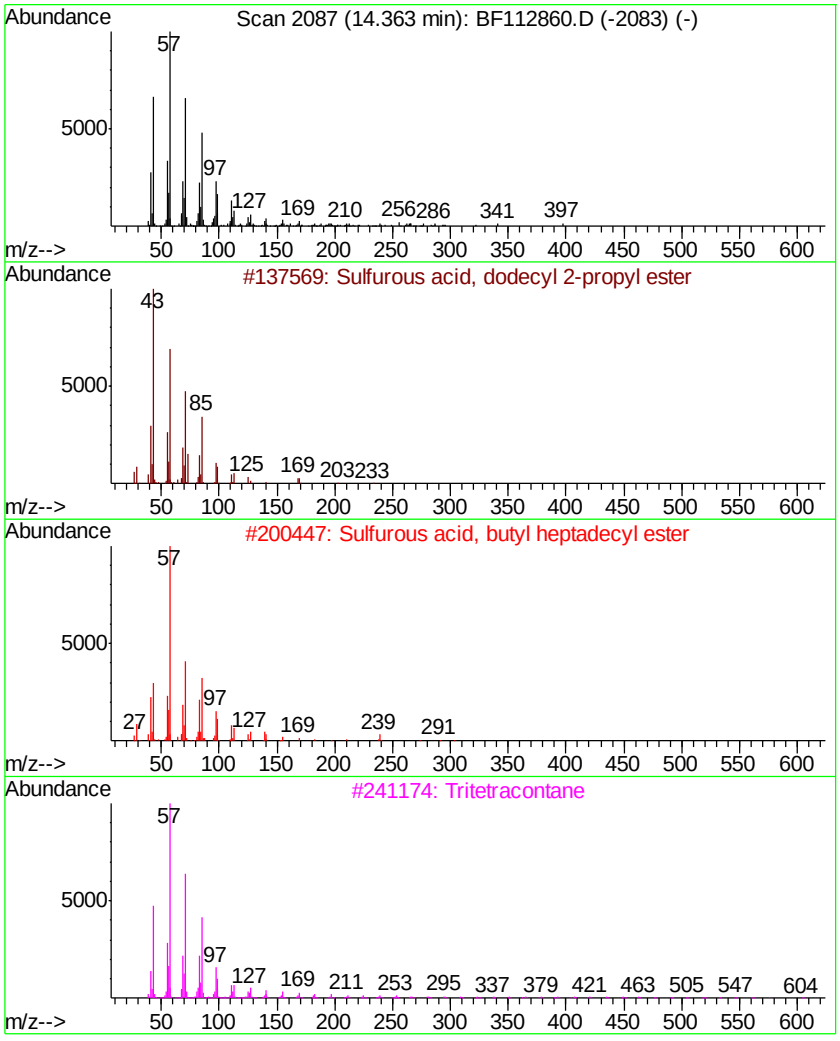
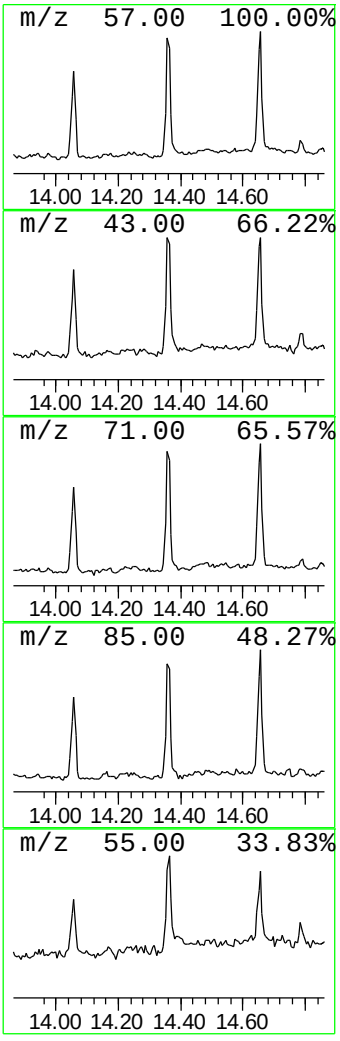
Peak Number 8 Sulfurous acid, dodecyl 2-p... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.36	3.91 ng	280271	Chrysene-d12	13.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfurous acid, dodecyl 2-propyl...	292	C15H32O3S	1000309-12-3	91
2	Sulfurous acid, butyl heptadecyl...	376	C21H44O3S	1000309-18-4	91
3	Tritetracontane	605	C43H88	007098-21-7	87
4	Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	87
5	Heptadecane	240	C17H36	000629-78-7	86





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ClientSampleId : TP-5-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.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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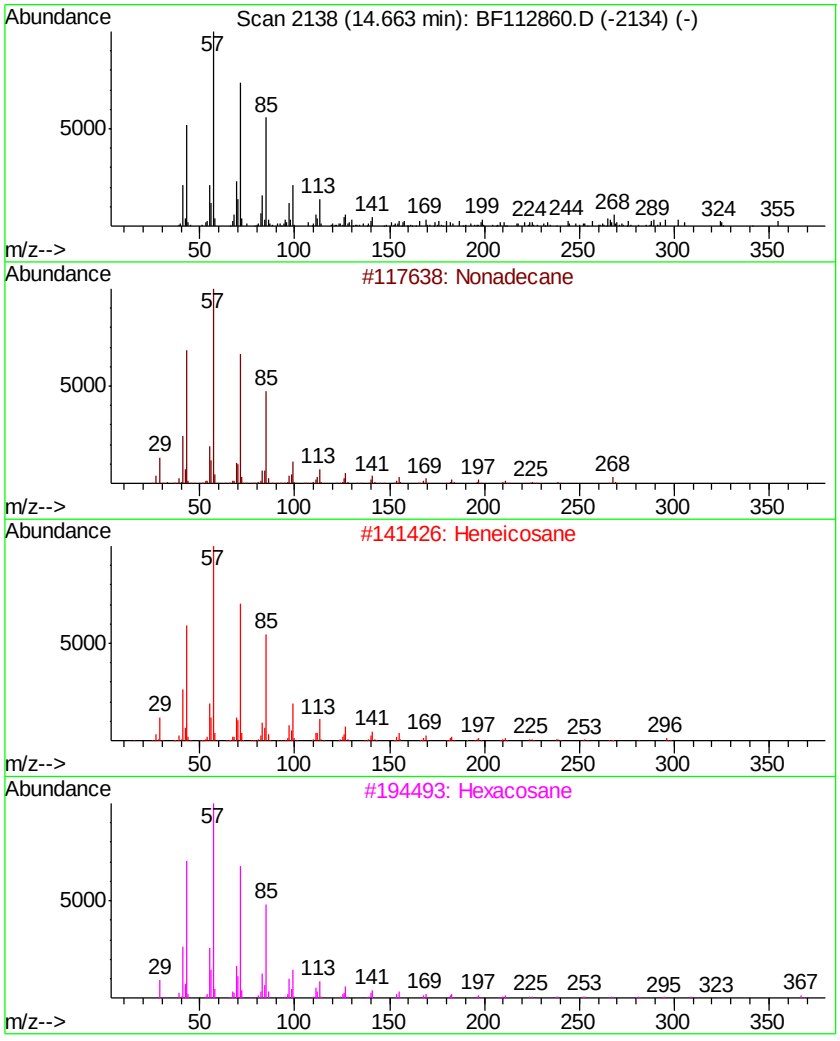
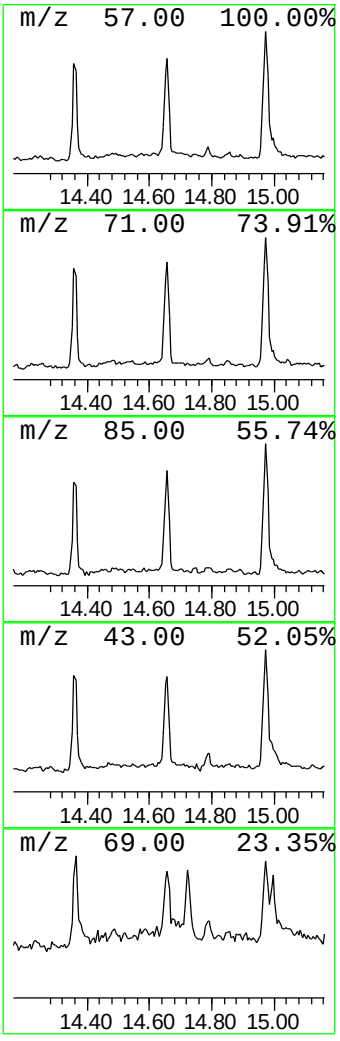
Peak Number 9 Nonadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.66	3.90 ng	222926	Perylene-d12	15.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	94
2	Heneicosane	296	C21H44	000629-94-7	90
3	Hexacosane	366	C26H54	000630-01-3	90
4	Eicosane	282	C20H42	000112-95-8	90
5	2-methyloctacosane	408	C29H60	1000376-72-8	87





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030519\
Data File : BF112860.D
Acq On : 5 Mar 2019 18:53
Operator : JU/SJ
Sample : K1715-11
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-5-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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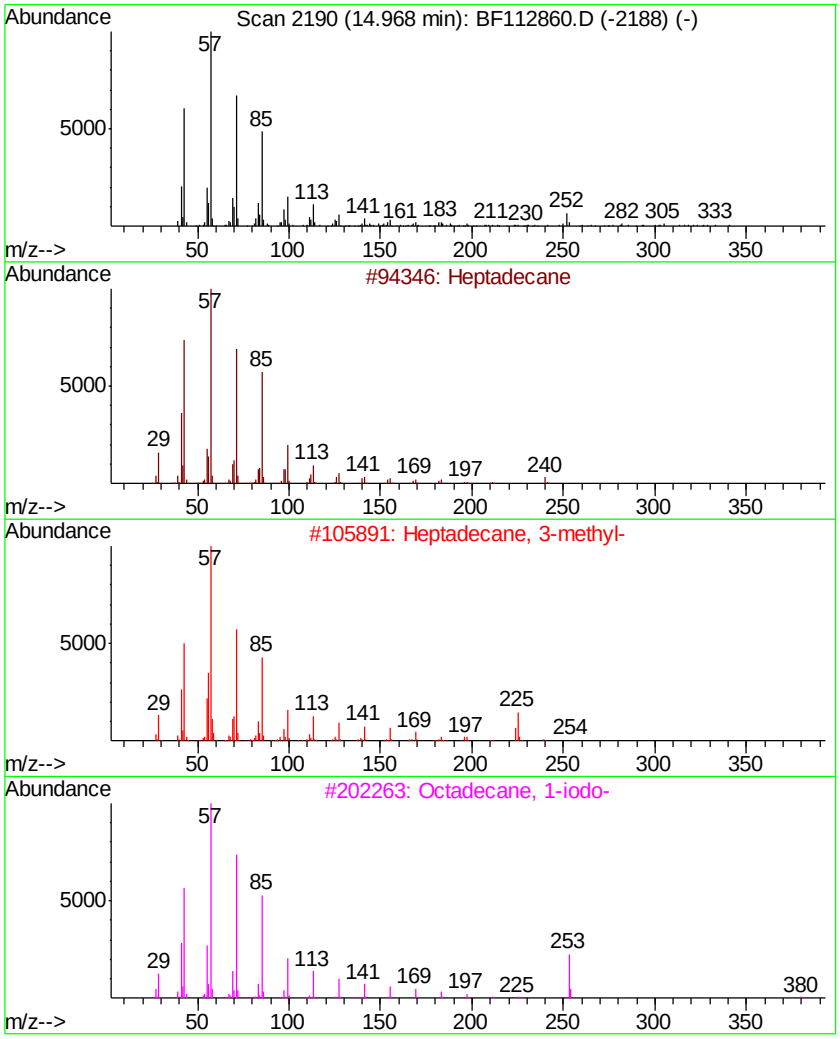
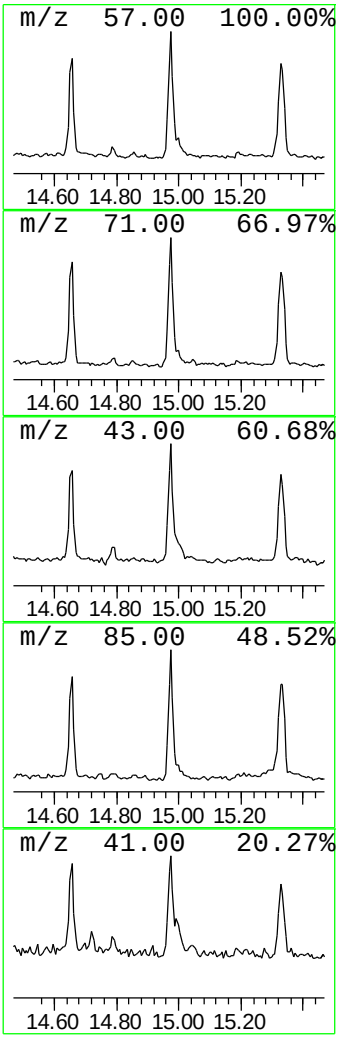
Peak Number 10 Heptadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.97	6.75 ng	385624	Perylene-d12	15.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	87
2	Heptadecane, 3-methyl-	254	C18H38	006418-44-6	87
3	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	83
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	74
5	Hexacosane	366	C26H54	000630-01-3	64





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030519\
Data File : BF112860.D
Acq On : 5 Mar 2019 18:53
Operator : JU/SJ
Sample : K1715-11
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-5-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.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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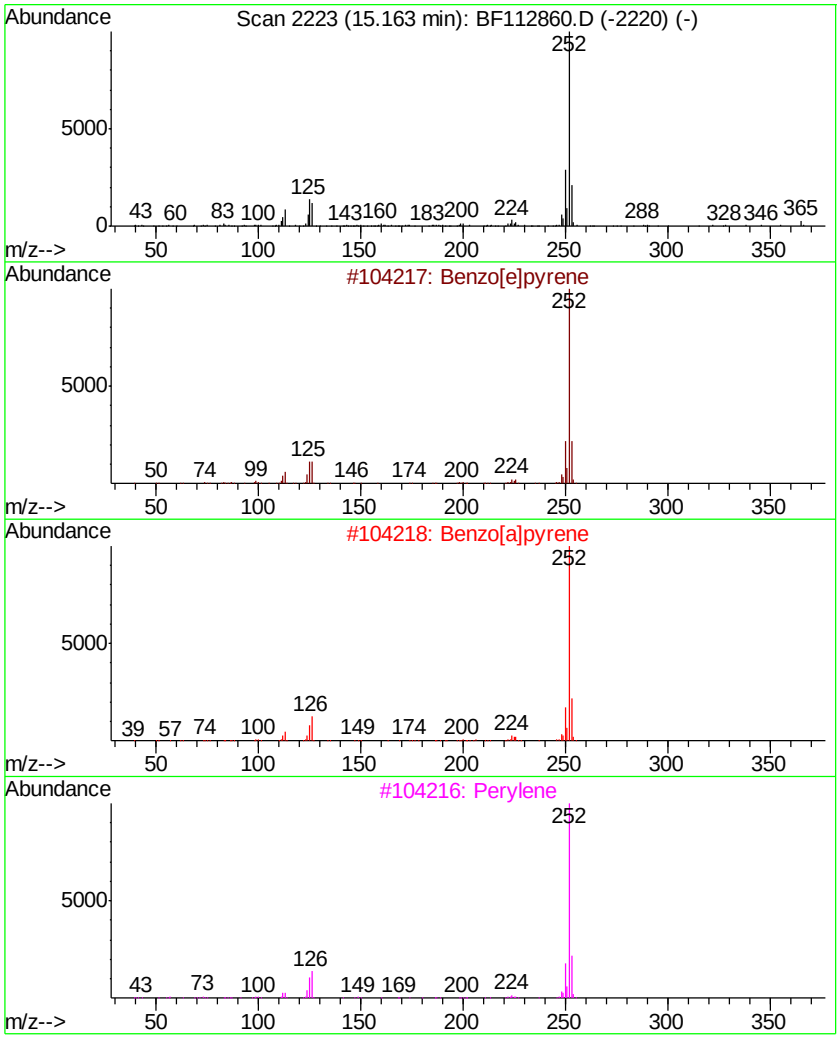
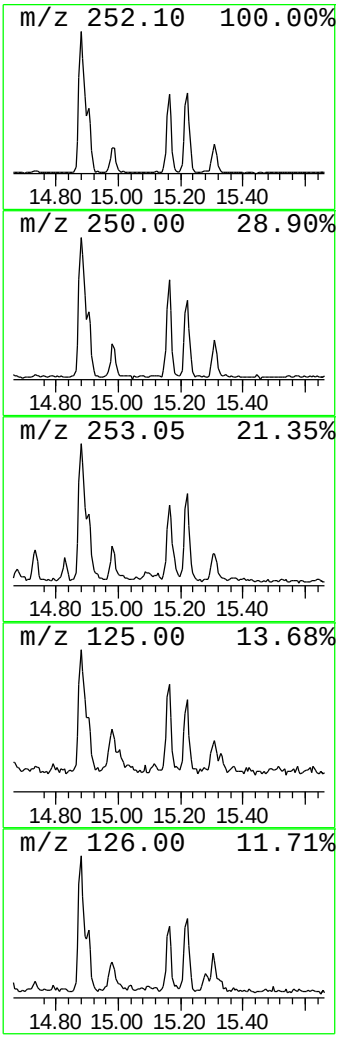
Peak Number 11 Benzo[e]pyrene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.16	2.27 ng	129497	Perylene-d12	15.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[a]pyrene	252	C20H12	000050-32-8	93
3	Perylene	252	C20H12	000198-55-0	93
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	81





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030519\
Data File : BF112860.D
Acq On : 5 Mar 2019 18:53
Operator : JU/SJ
Sample : K1715-11
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-5-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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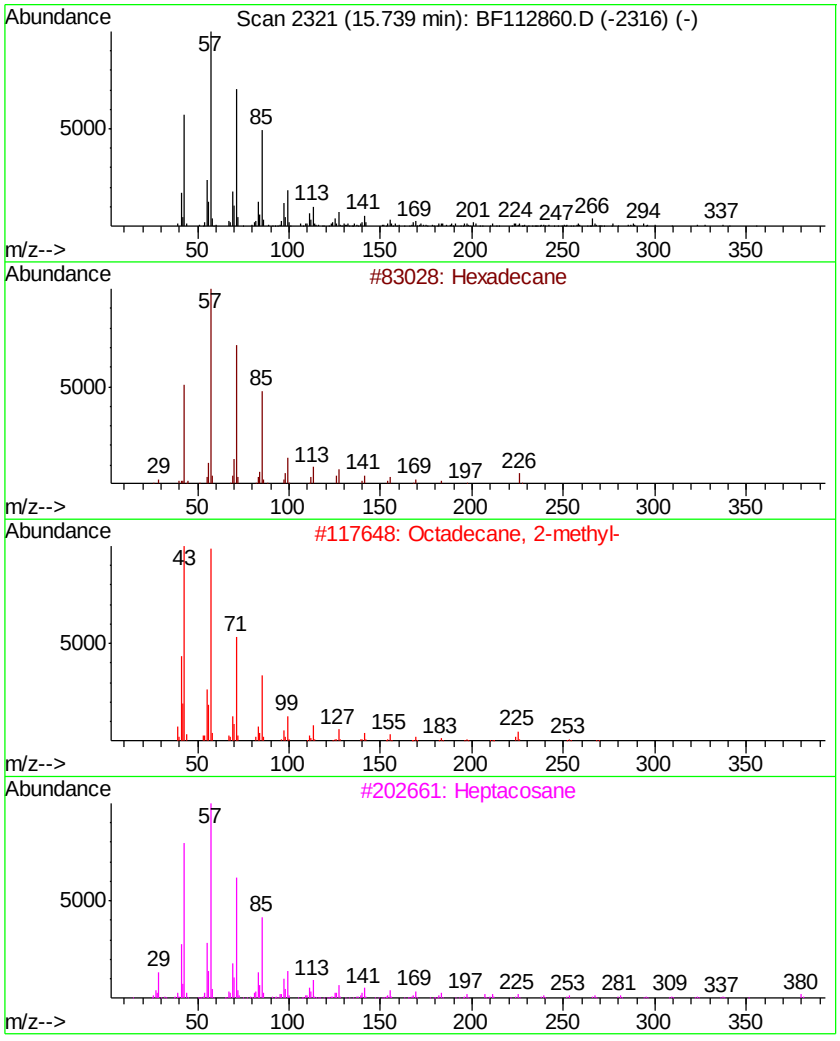
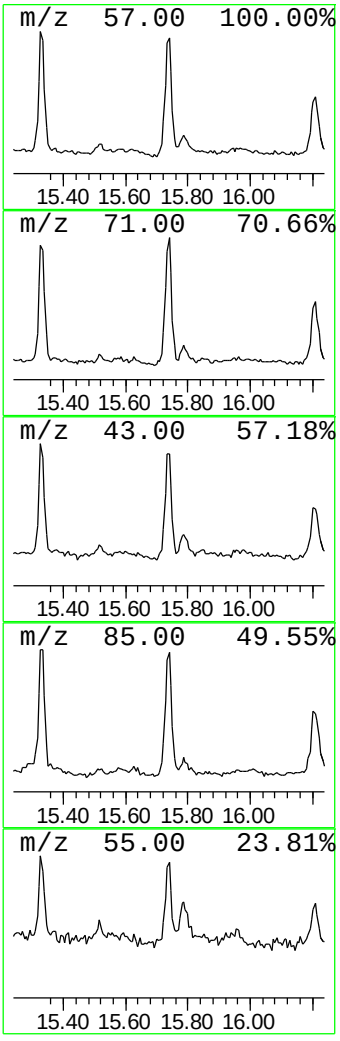
Peak Number 12 Hexadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.74	5.34 ng	305312	Perylene-d12	15.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	91
2	Octadecane, 2-methyl-	268	C19H40	001560-88-9	91
3	Heptacosane	380	C27H56	000593-49-7	90
4	Heneicosane	296	C21H44	000629-94-7	90
5	Hexacosane	366	C26H54	000630-01-3	90





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030519\
Data File : BF112860.D
Acq On : 5 Mar 2019 18:53
Operator : JU/SJ
Sample : K1715-11
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-5-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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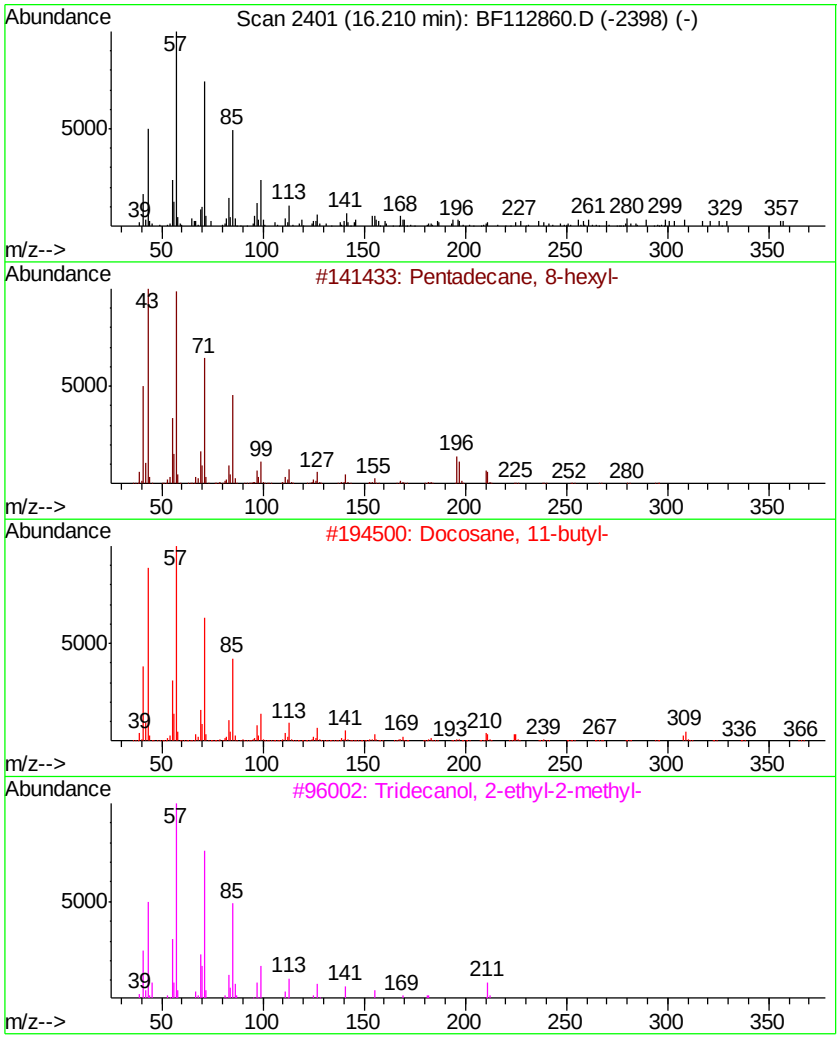
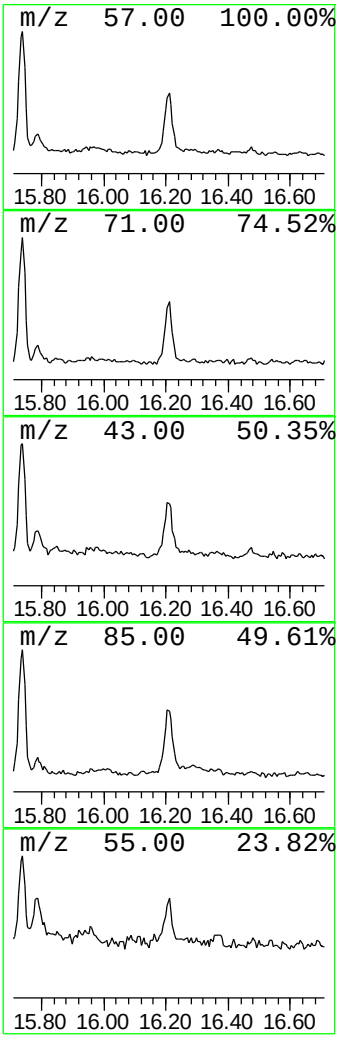
Peak Number 13 Pentadecane, 8-hexyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.21	2.67 ng	152797	Perylene-d12	15.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	91
2	Docosane, 11-butyl-	366	C26H54	013475-76-8	87
3	Tridecanol, 2-ethyl-2-methyl-	242	C16H34O	1000115-66-1	86
4	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	86
5	Octacosane	394	C28H58	000630-02-4	83





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF030519\
Data File : BF112860.D
Acq On : 5 Mar 2019 18:53
Operator : JU/SJ
Sample : K1715-11
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-5-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.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
unknown6.51	6.51	87.1	ng	3980640	1	6.74	914234	20.0
n-Hexadecanoic acid	11.79	16.9	ng	1302110	4	11.25	1540020	20.0
Octadecanoic acid	12.57	10.3	ng	736694	5	13.87	1433090	20.0
Heptadecyl heptaf...	13.73	6.5	ng	463066	5	13.87	1433090	20.0
Hexacosane	14.06	2.0	ng	143845	5	13.87	1433090	20.0
Sulfurous acid, d...	14.36	3.9	ng	280271	5	13.87	1433090	20.0
Nonadecane	14.66	3.9	ng	222926	6	15.28	1142440	20.0
Heptadecane	14.97	6.8	ng	385624	6	15.28	1142440	20.0
Benzo[e]pyrene	15.16	2.3	ng	129497	6	15.28	1142440	20.0
Hexadecane	15.74	5.3	ng	305312	6	15.28	1142440	20.0
Pentadecane, 8-he...	16.21	2.7	ng	152797	6	15.28	1142440	20.0