LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021219\
Data File : BF112522.D
Acq On : 12 Feb 2019 22:22
Operator : JU/SJ
Sample : K1343-05 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-02-021119-C

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-BF012519.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	5.475	572	576	593	rBV	311023	455280	22.21%	2.983%
2	6.487	745	748	766	rBV	318443	487549	23.79%	3.194%
3	6.616	766	770	776	rBV	515403	518705	25.31%	3.399%
4	6.834	804	807	814	rBV	702305	598930	29.22%	3.924%
5	6.992	830	834	846	rBV	456692	412697	20.13%	2.704%
6	7.398	900	903	907	rBV	233176	250203	12.21%	1.639%
7	7.428	907	908	913	rVB	51968	37999	1.85%	0.249%
8	8.098	1018	1022	1023	rBV	57301	54429	2.66%	0.357%
9	8.116	1023	1025	1032	rVV	666488	682880	33.32%	4.474%
10	8.175	1032	1035	1037	rVB2	28454	33736	1.65%	0.221%
11	8.410	1069	1075	1081	rBV6	19732	28569	1.39%	0.187%
12	8.534	1092	1096	1098	rBV2	32055	26796	1.31%	0.176%
13	8.704	1122	1125	1129	rBV	101076	85189	4.16%	0.558%
14	8.939	1162	1165	1170	rBV4	27565	29736	1.45%	0.195%
15	9.069	1183	1187	1191	rBV4	25464	30643	1.49%	0.201%
16	9.192	1204	1208	1218	rBV	515356	510670	24.91%	3.346%
17	9.269	1218	1221	1224	rBV	131444	107823	5.26%	0.706%
18	9.586	1271	1275	1278	rBV	72342	79227	3.87%	0.519%
19	9.798	1304	1311	1315	rBV	138886	120823	5.89%	0.792%
20	9.875	1320	1324	1328	rBV2	761964	670456	32.71%	4.393%
21	10.033	1346	1351	1353	rBV3	20011	31071	1.52%	0.204%
22	10.122	1362	1366	1369	rBV3	29893	36887	1.80%	0.242%
23	10.298	1390	1396	1399	rBV	155512	137381	6.70%	0.900%
24	10.516	1427	1433	1436	rBV	49135	68128	3.32%	0.446%
25	10.669	1456	1459	1468	rBV	258127	289237	14.11%	1.895%
26	10.769	1473	1476	1485	rVB	142574	171792	8.38%	1.126%
27	11.216	1549	1552	1555	rBV	115644	101439	4.95%	0.665%
28	11.245	1555	1557	1563	rVB2	51574	61290	2.99%	0.402%
29	11.363	1573	1577	1580	rBV	755439	689078	33.62%	4.515%
30	11.645	1621	1625	1627	rBV	89390	79937	3.90%	0.524%
31	11.745	1638	1642	1645	rBV	749782	660526	32.23%	4.328%
32	11.880	1661	1665	1667	rBV2	45392	57218	2.79%	0.375%
33	11.980	1679	1682	1689	rVB5	20406	34331	1.67%	0.225%
34	12.051	1691	1694	1700	rVB	82475	76656	3.74%	0.502%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021219\
Data File : BF112522.D
Acq On : 12 Feb 2019 22:22
Operator : JU/SJ
Sample : K1343-05 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-02-021119-C

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-BF012519.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.427	1754	1758	1760	rBV	2125230	2049726	100.00%	13.430%
36	12.451	1760	1762	1765	rVB2	2511248	2005593	97.85%	13.141%
37	12.533	1773	1776	1781	rVB	377934	310550	15.15%	2.035%
38	12.580	1781	1784	1788	rBV	134748	174966	8.54%	1.146%
39	12.769	1813	1816	1819	rBV	93190	92759	4.53%	0.608%
40	12.810	1820	1823	1830	rVB	160631	158953	7.75%	1.041%
41	12.945	1842	1846	1849	rBV	525620	509002	24.83%	3.335%
42	13.092	1869	1871	1873	rBV2	54321	45844	2.24%	0.300%
43	13.121	1873	1876	1877	rVV3	34926	30337	1.48%	0.199%
44	13.169	1881	1884	1885	rBV2	56719	51844	2.53%	0.340%
45	13.257	1896	1899	1904	rVB2	70147	66115	3.23%	0.433%
46	13.368	1916	1918	1921	rBV4	29475	32917	1.61%	0.216%
47	13.510	1939	1942	1946	rVB	49058	47443	2.31%	0.311%
48	13.833	1995	1997	2002	rBV	76589	76351	3.72%	0.500%
49	13.927	2011	2013	2017	rBV4	46297	53291	2.60%	0.349%
50	14.016	2024	2028	2031	rBV	636840	688819	33.61%	4.513%
51	14.151	2049	2051	2054	rBV	83052	69762	3.40%	0.457%
52	14.457	2100	2103	2107	rVB	129923	113242	5.52%	0.742%
53	14.763	2152	2155	2158	rVB	141917	125594	6.13%	0.823%
54	15.092	2209	2211	2219	rVB2	186762	238569	11.64%	1.563%
55	15.492	2273	2279	2287	rVB2	337954	603163	29.43%	3.952%

Sum of corrected areas: 15262151

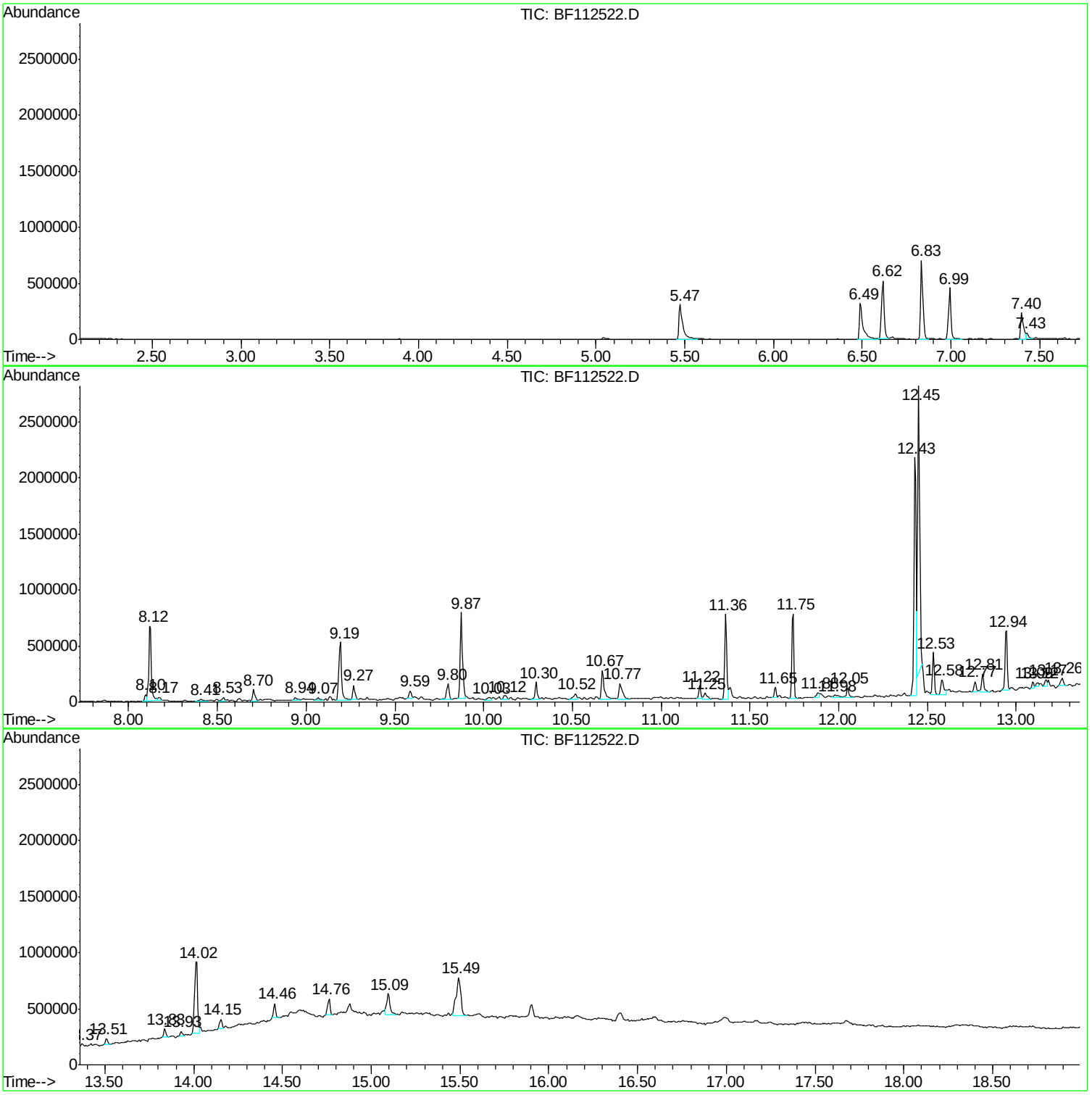
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021219\
Data File : BF112522.D
Acq On : 12 Feb 2019 22:22
Operator : JU/SJ
Sample : K1343-05 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JC-02-021119-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.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\BF021219\
Data File : BF112522.D
Acq On : 12 Feb 2019 22:22
Operator : JU/SJ
Sample : K1343-05 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-02-021119-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.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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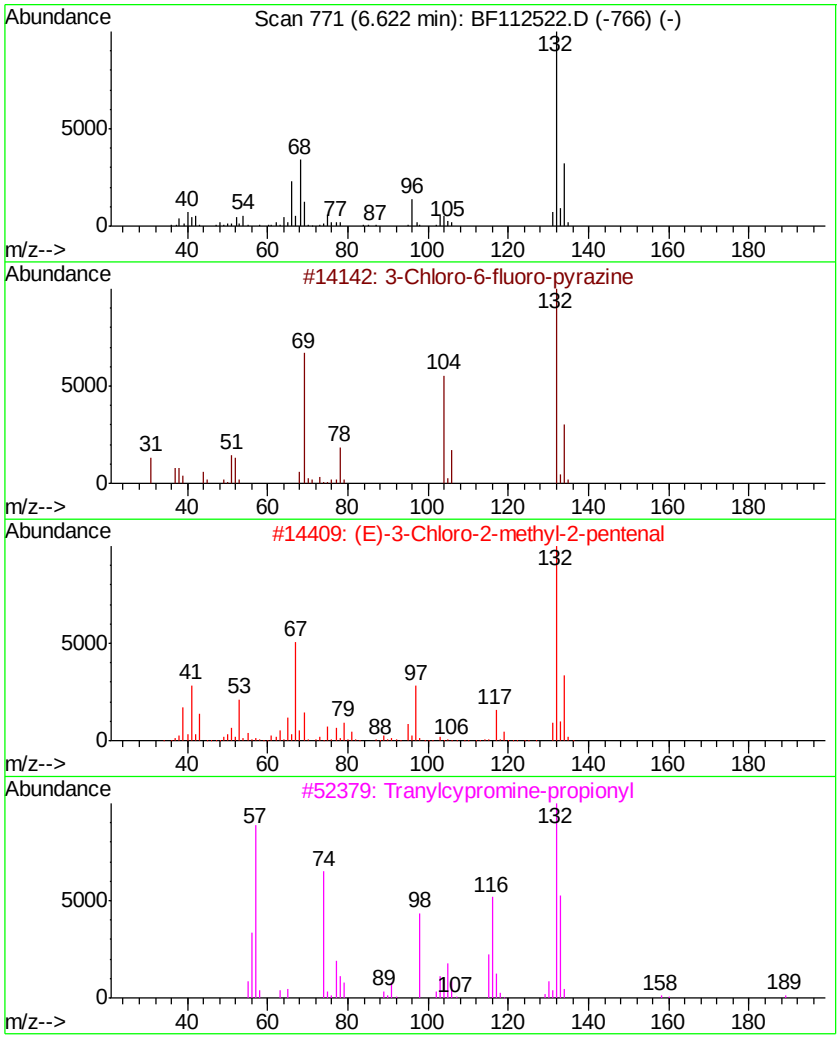
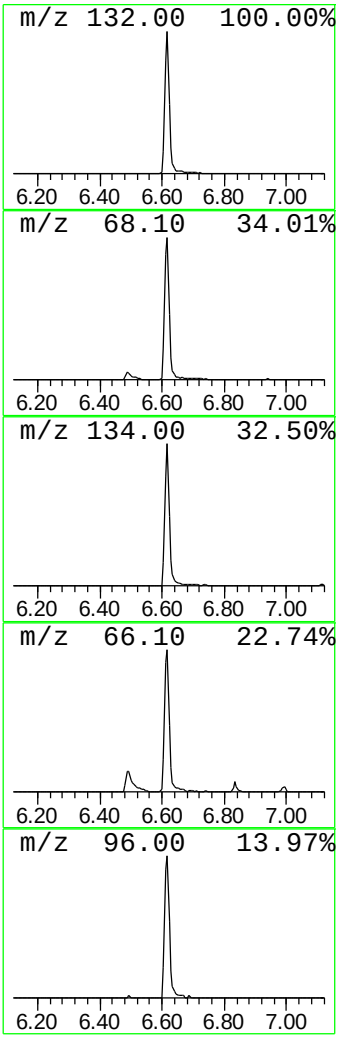
Peak Number 1 unknown6.62 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.62	17.32 ng	518705	1,4-Dichlorobenzene-d4	6.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	25
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	25
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	16
4	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
5	Cyclopropanamine, 1-phenyl-	133	C9H11N	1000351-26-2	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021219\
Data File : BF112522.D
Acq On : 12 Feb 2019 22:22
Operator : JU/SJ
Sample : K1343-05 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-02-021119-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.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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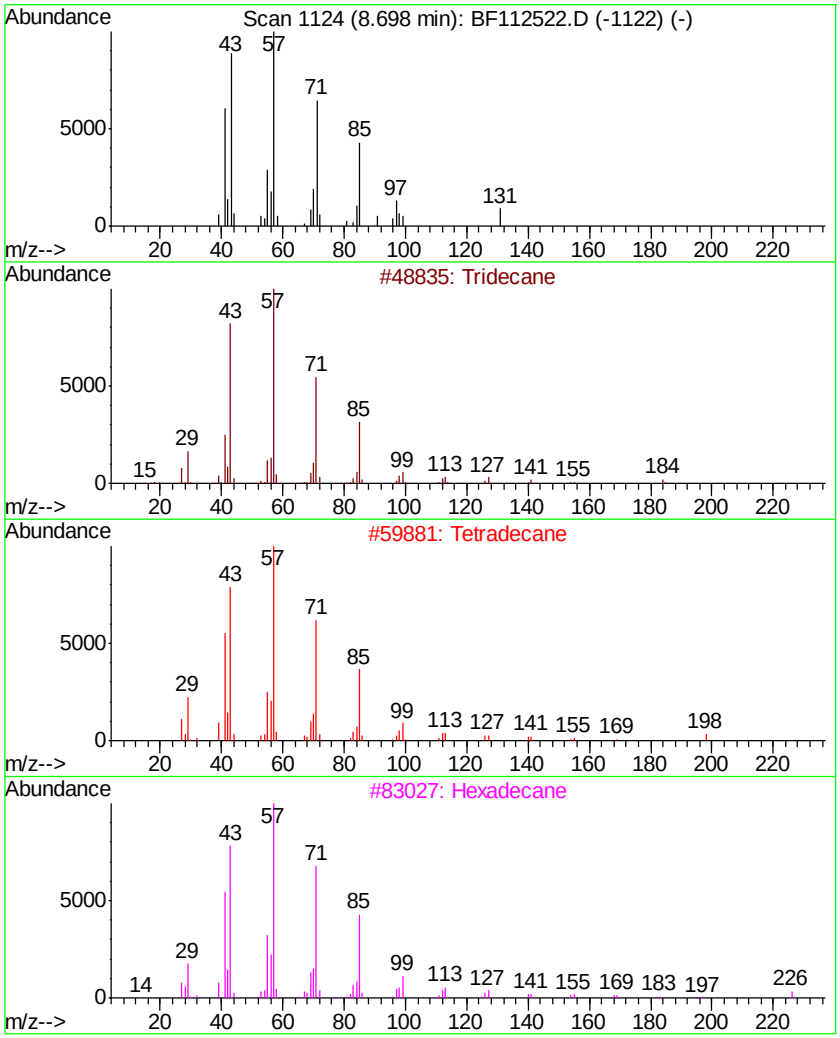
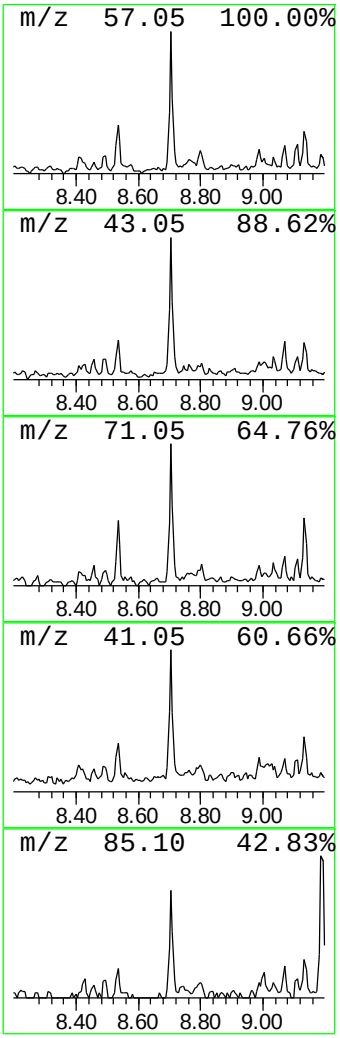
Peak Number 3 Tridecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.70	2.49 ng	85189	Naphthalene-d8	8.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	94
2	Tetradecane	198	C14H30	000629-59-4	87
3	Hexadecane	226	C16H34	000544-76-3	86
4	Undecane, 2,3-dimethyl-	184	C13H28	017312-77-5	86
5	Pentadecane	212	C15H32	000629-62-9	80





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021219\
Data File : BF112522.D
Acq On : 12 Feb 2019 22:22
Operator : JU/SJ
Sample : K1343-05 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-02-021119-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.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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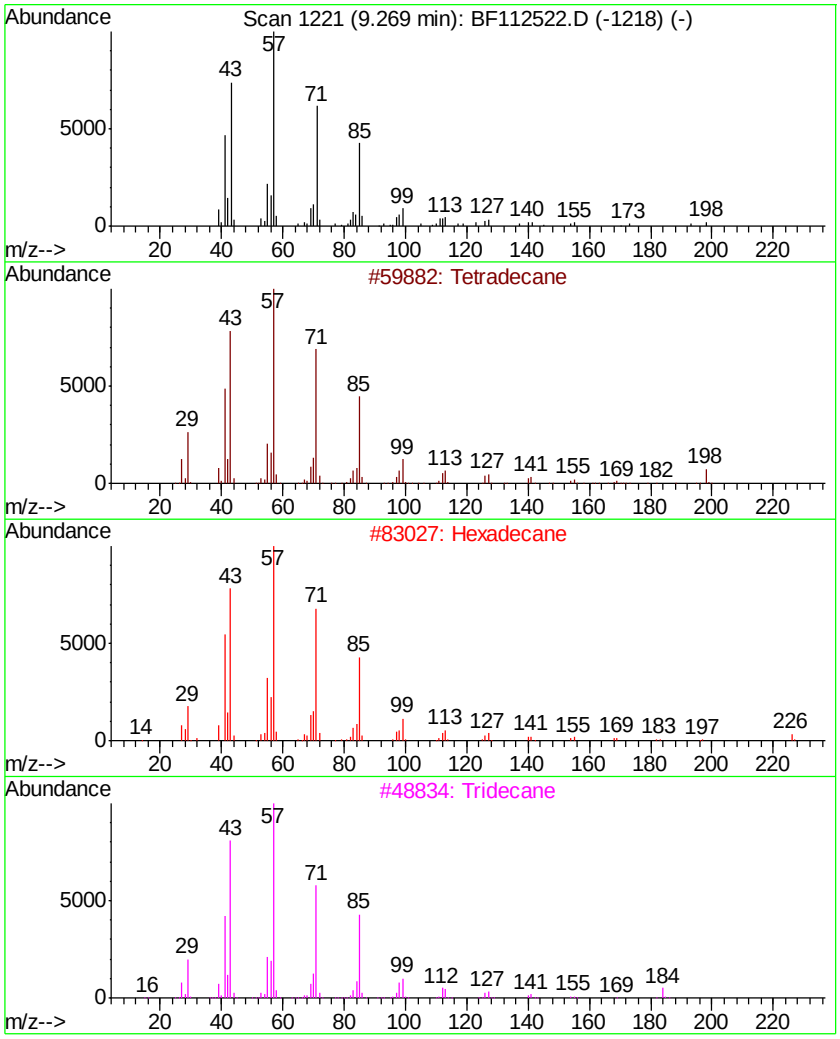
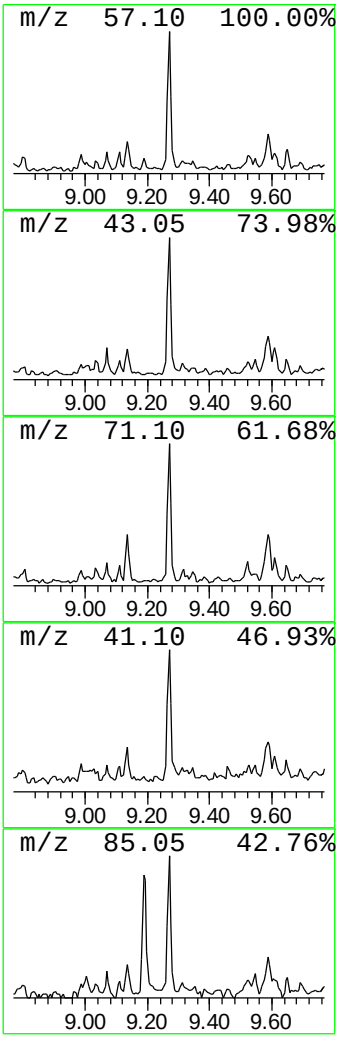
Peak Number 4 Tetradecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.27	3.22 ng	107823	Acenaphthene-d10	9.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	97
2	Hexadecane	226	C16H34	000544-76-3	91
3	Tridecane	184	C13H28	000629-50-5	86
4	Eicosane	282	C20H42	000112-95-8	72
5	Tridecane, 7-propyl-	226	C16H34	055045-09-5	72





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021219\
Data File : BF112522.D
Acq On : 12 Feb 2019 22:22
Operator : JU/SJ
Sample : K1343-05 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-02-021119-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

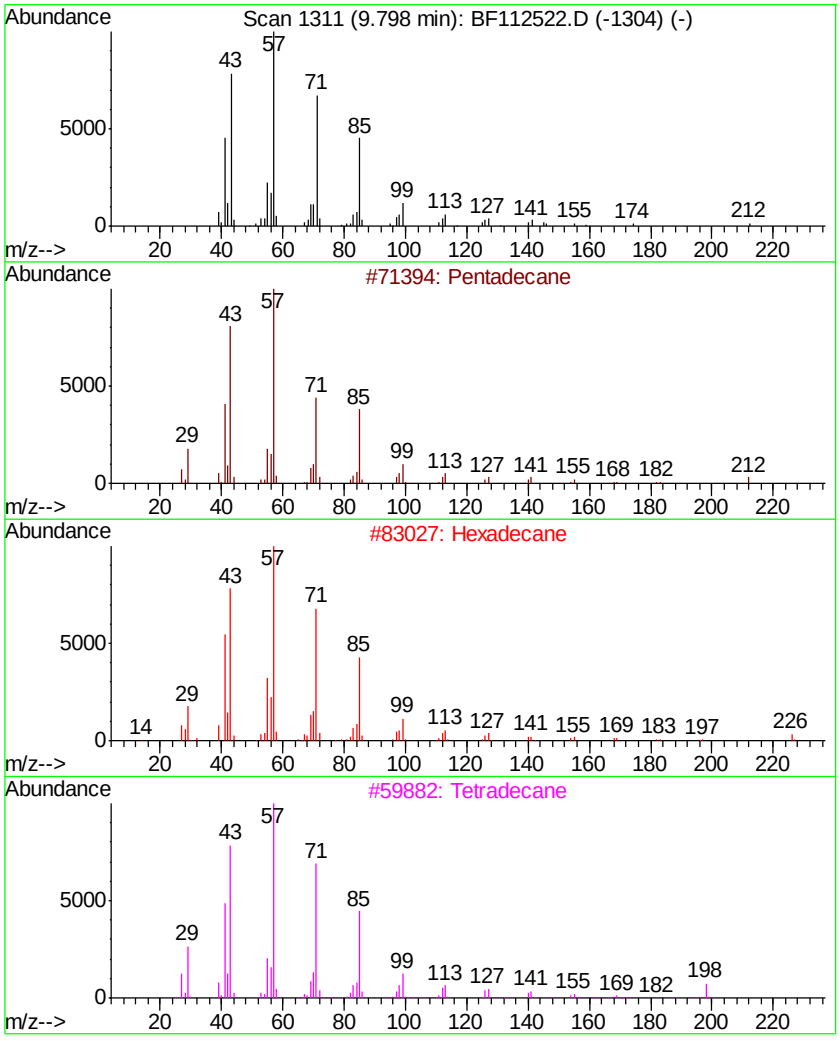
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

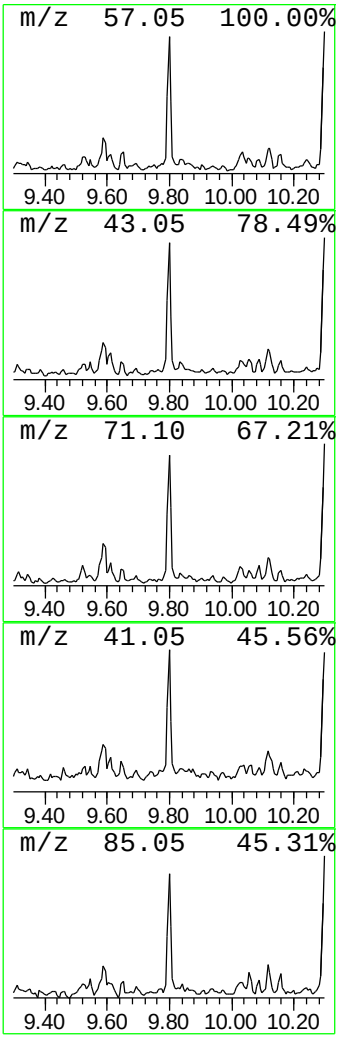
****

Peak Number 6 Pentadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.80	3.60 ng	120823	Acenaphthene-d10	9.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	94
2	Hexadecane	226	C16H34	000544-76-3	91
3	Tetradecane	198	C14H30	000629-59-4	91
4	Heptadecane	240	C17H36	000629-78-7	87
5	Tridecane	184	C13H28	000629-50-5	86





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021219\
Data File : BF112522.D
Acq On : 12 Feb 2019 22:22
Operator : JU/SJ
Sample : K1343-05 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-02-021119-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

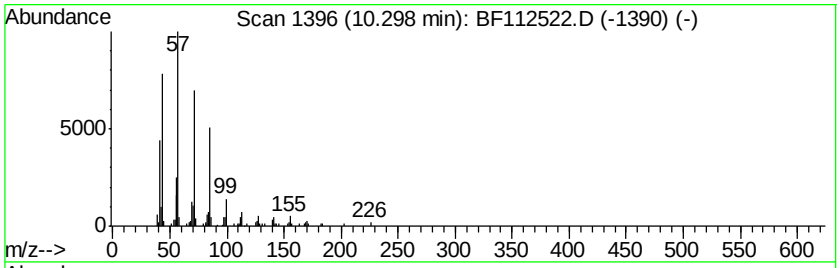
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

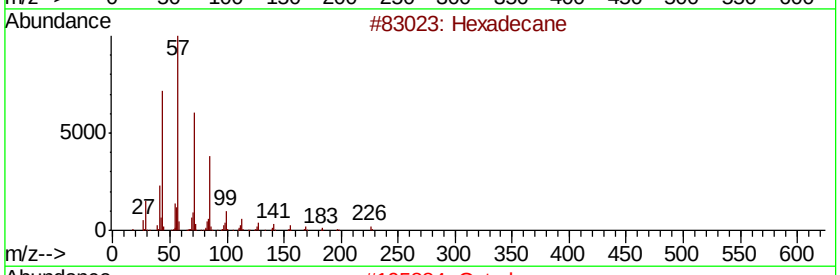
****

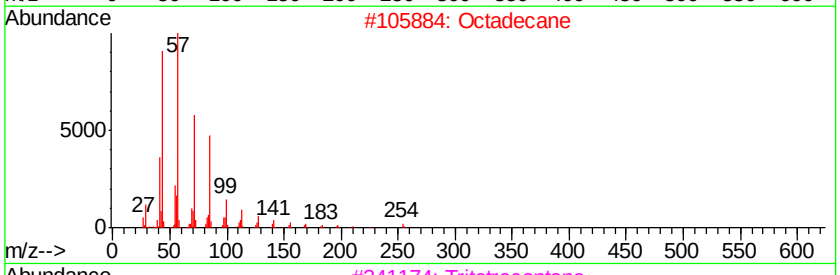
Peak Number 7 Hexadecane Concentration Rank 9

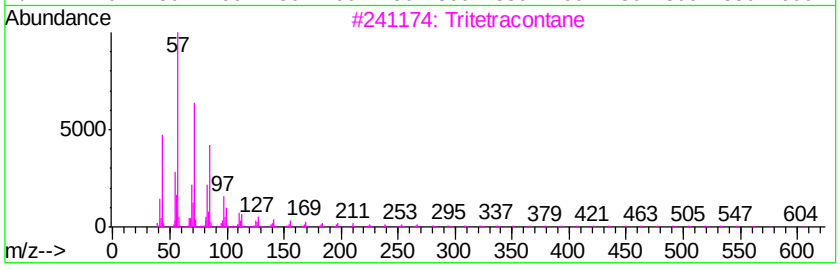
R.T.	EstConc	Area	Relative to ISTD	R.T.
10.30	4.10 ng	137381	Acenaphthene-d10	9.87

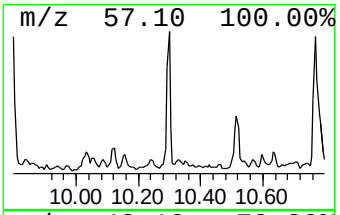
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	97
2	Octadecane	254	C18H38	000593-45-3	91
3	Tritetracontane	605	C43H88	007098-21-7	90
4	Pentadecane	212	C15H32	000629-62-9	90
5	Tetradecane	198	C14H30	000629-59-4	90

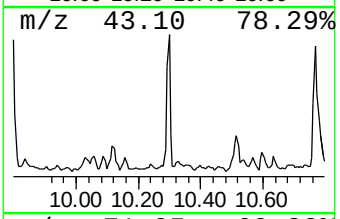


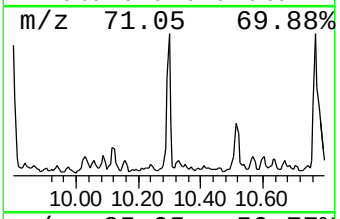


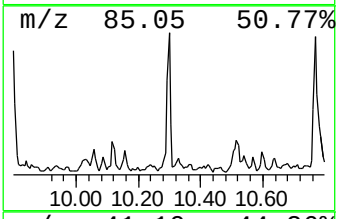


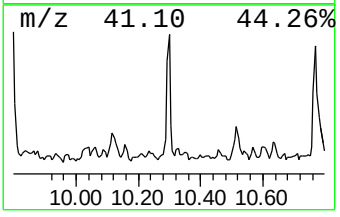












Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021219\
Data File : BF112522.D
Acq On : 12 Feb 2019 22:22
Operator : JU/SJ
Sample : K1343-05 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-02-021119-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

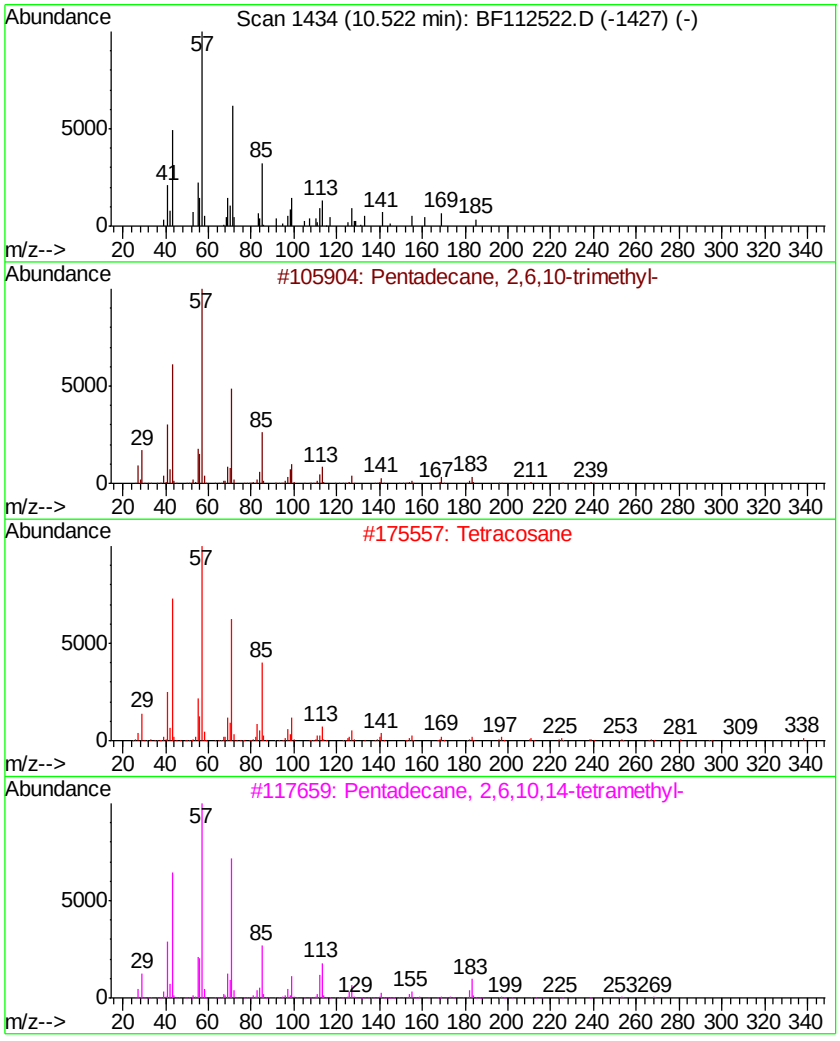
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

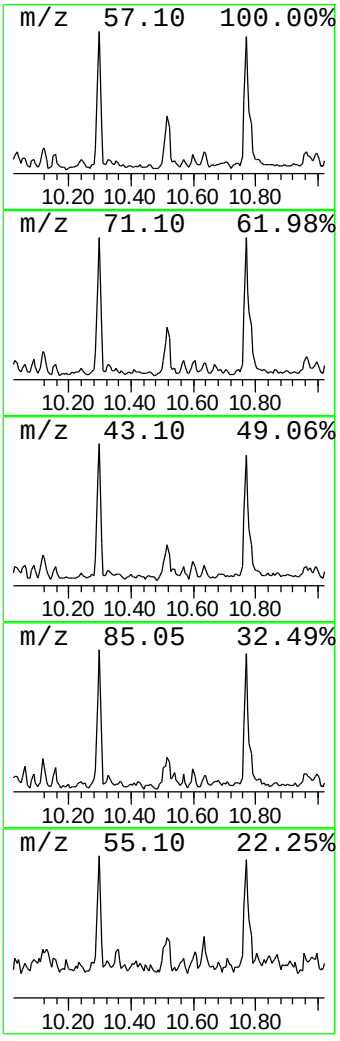
****

Peak Number 8 Pentadecane, 2,6,10-trimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.52	2.03 ng	68128	Acenaphthene-d10	9.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	91
2	Tetracosane	338	C24H50	000646-31-1	72
3	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	64
4	Tetradecane	198	C14H30	000629-59-4	64
5	Tridecane, 5-propyl-	226	C16H34	055045-11-9	59





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021219\
Data File : BF112522.D
Acq On : 12 Feb 2019 22:22
Operator : JU/SJ
Sample : K1343-05 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-02-021119-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.M
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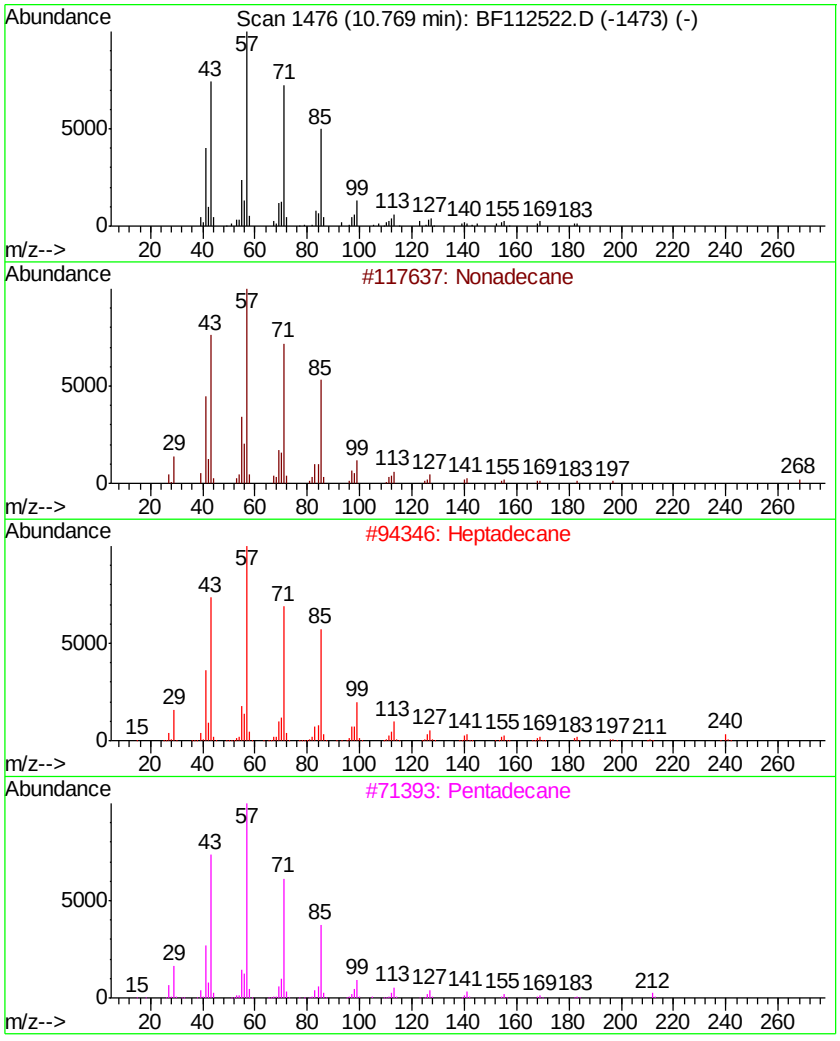
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

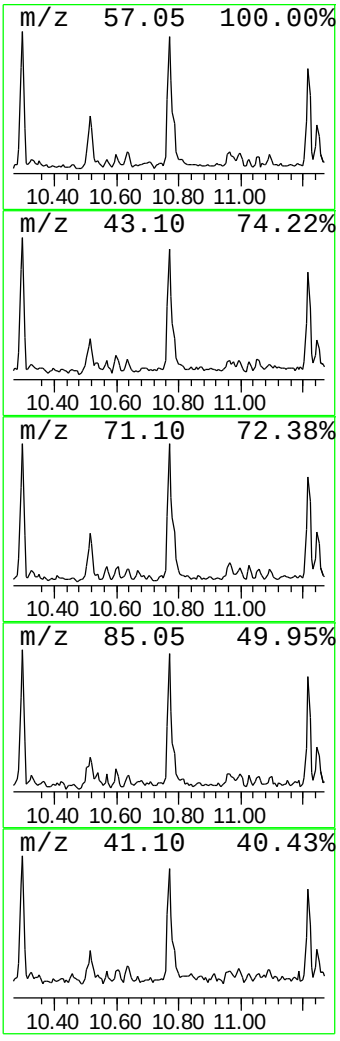
****

Peak Number 9 Nonadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.77	4.99 ng	171792	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	91
2	Heptadecane	240	C17H36	000629-78-7	91
3	Pentadecane	212	C15H32	000629-62-9	87
4	Hexadecane	226	C16H34	000544-76-3	87
5	Tetradecane	198	C14H30	000629-59-4	87





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Acq On : 12 Feb 2019 22:22
Operator : JU/SJ
Sample : K1343-05 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-02-021119-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.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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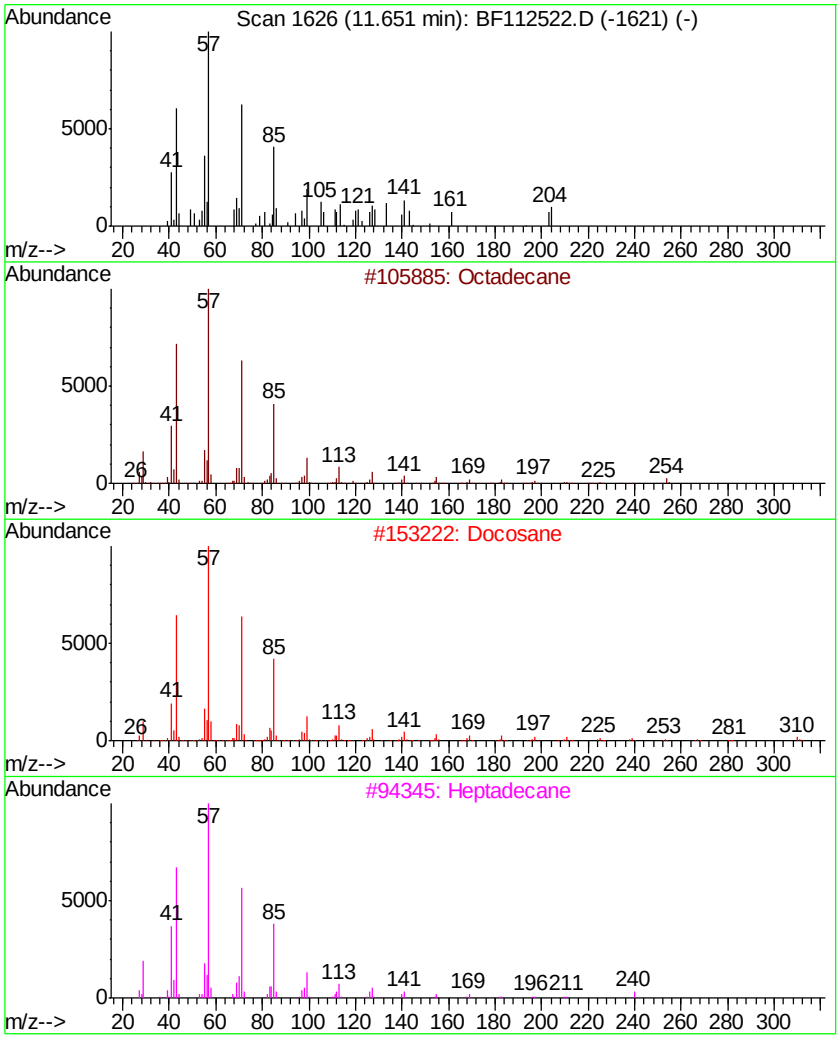
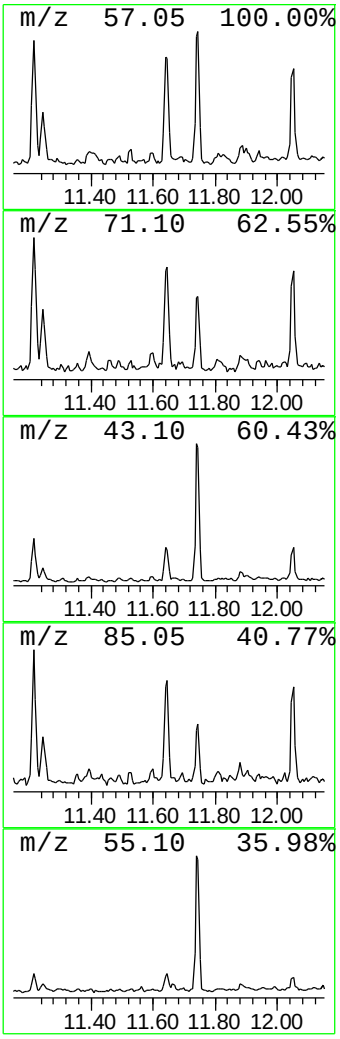
Peak Number 11 Octadecane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.65	2.32 ng	79937	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	91
2	Docosane	310	C22H46	000629-97-0	91
3	Heptadecane	240	C17H36	000629-78-7	91
4	Heneicosane	296	C21H44	000629-94-7	90
5	Hexadecane	226	C16H34	000544-76-3	90





Library Search Compound Report

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Operator : JU/SJ
Sample : K1343-05 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

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ClientSampleId : JC-02-021119-C

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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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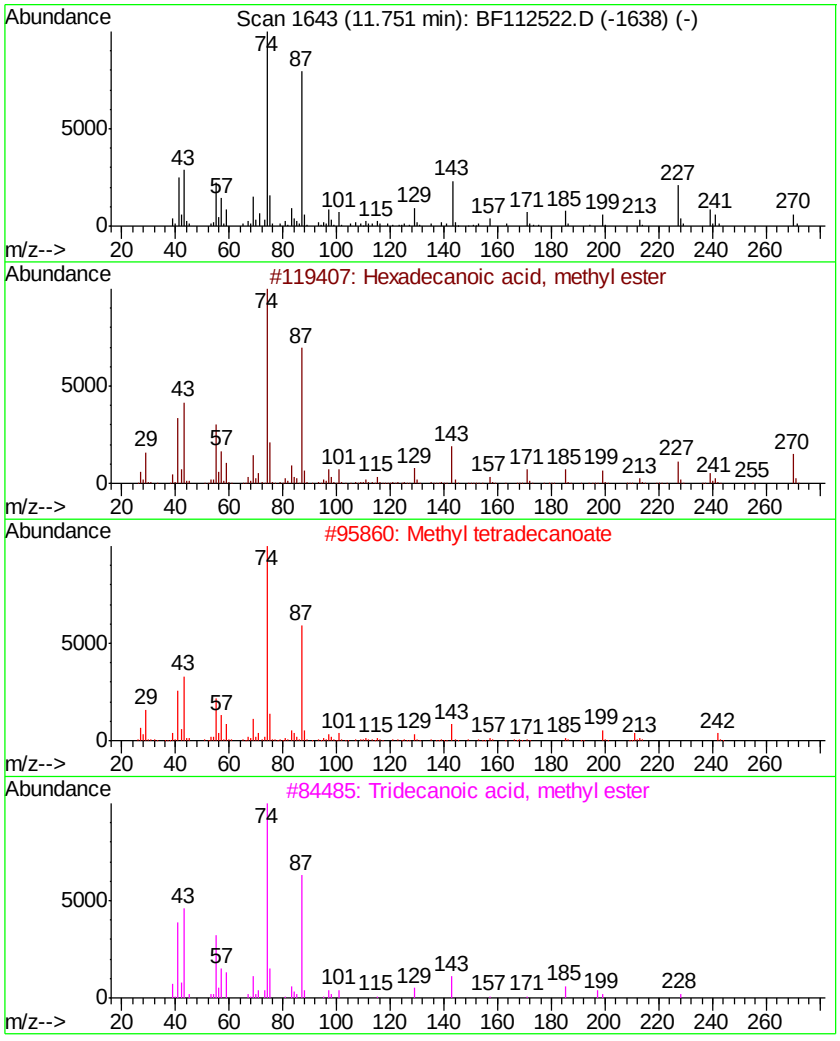
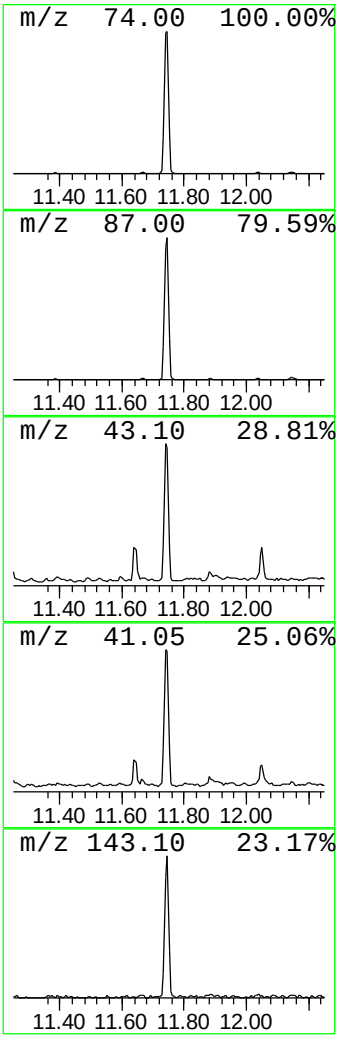
Peak Number 12 Hexadecanoic acid, methyl e... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.75	19.17 ng	660526	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	98
2	Methyl tetradecanoate	242	C15H30O2	000124-10-7	91
3	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	90
4	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	86
5	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	81





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Acq On : 12 Feb 2019 22:22
Operator : JU/SJ
Sample : K1343-05 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-02-021119-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.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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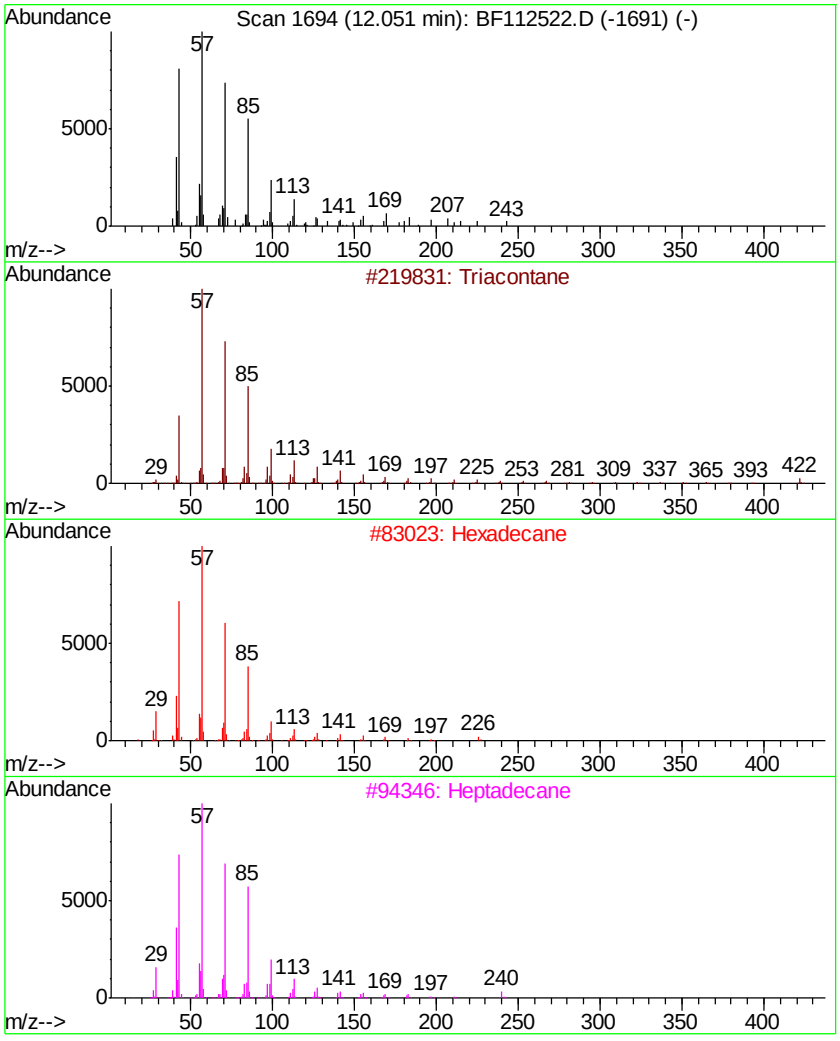
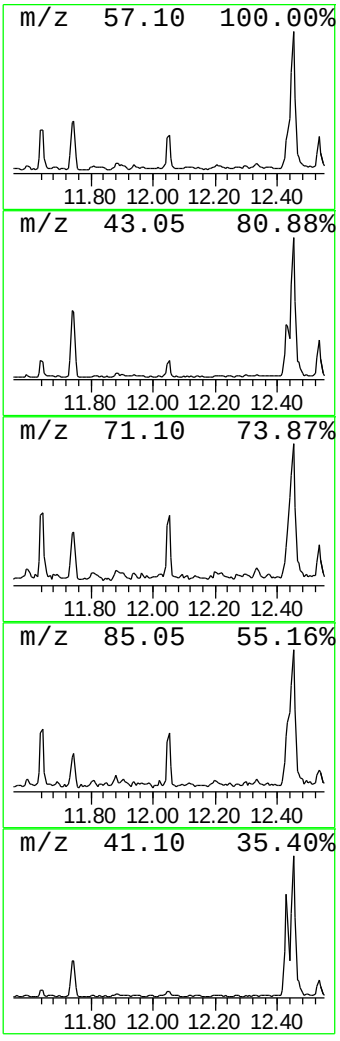
Peak Number 13 Triacontane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.05	2.22 ng	76656	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triacontane	422	C30H62	000638-68-6	86
2	Hexadecane	226	C16H34	000544-76-3	80
3	Heptadecane	240	C17H36	000629-78-7	80
4	2-Bromotetradecane	276	C14H29Br	074036-95-6	72
5	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	72





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Sample : K1343-05 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-02-021119-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.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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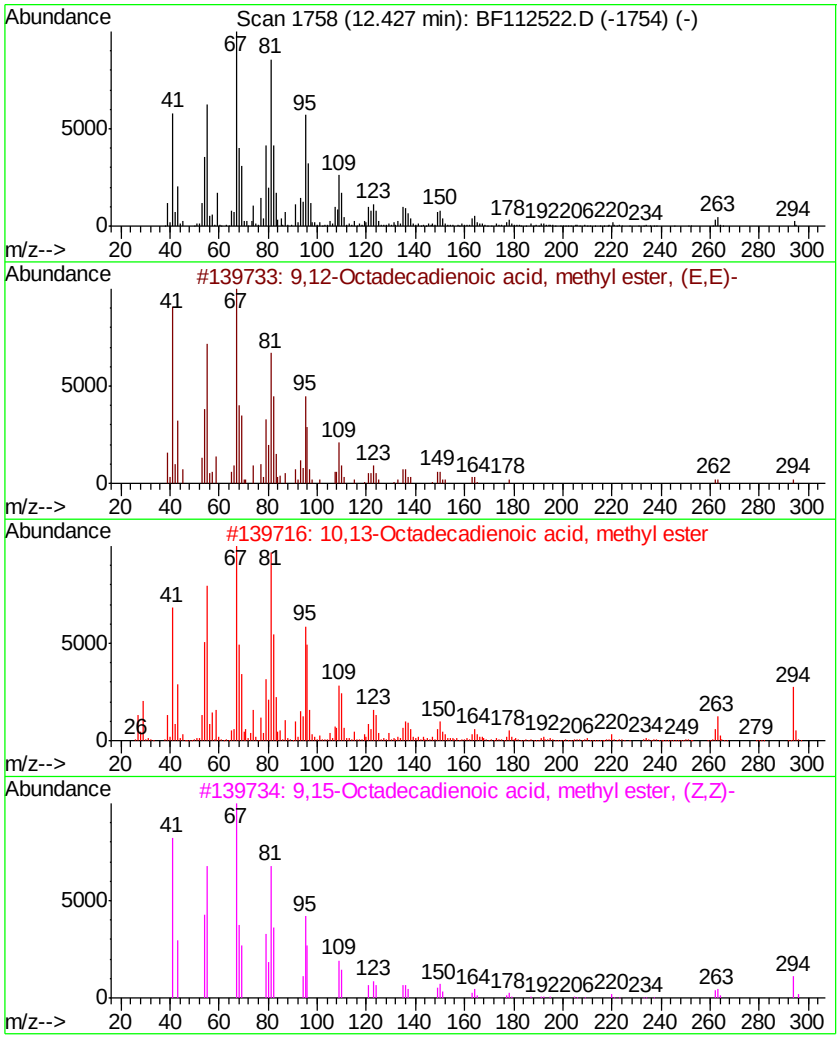
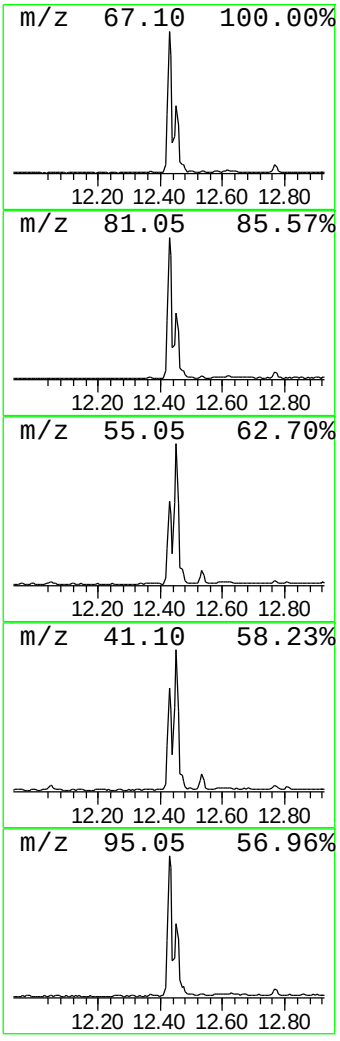
Peak Number 14 9,12-Octadecadienoic acid, ... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.43	59.49 ng	2049730	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
2	10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	99
3	9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	99
4	Methyl 10-trans,12-cis-octadecad...	294	C19H34O2	1000336-44-2	99
5	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	99





Library Search Compound Report

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Operator : JU/SJ
Sample : K1343-05 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-02-021119-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.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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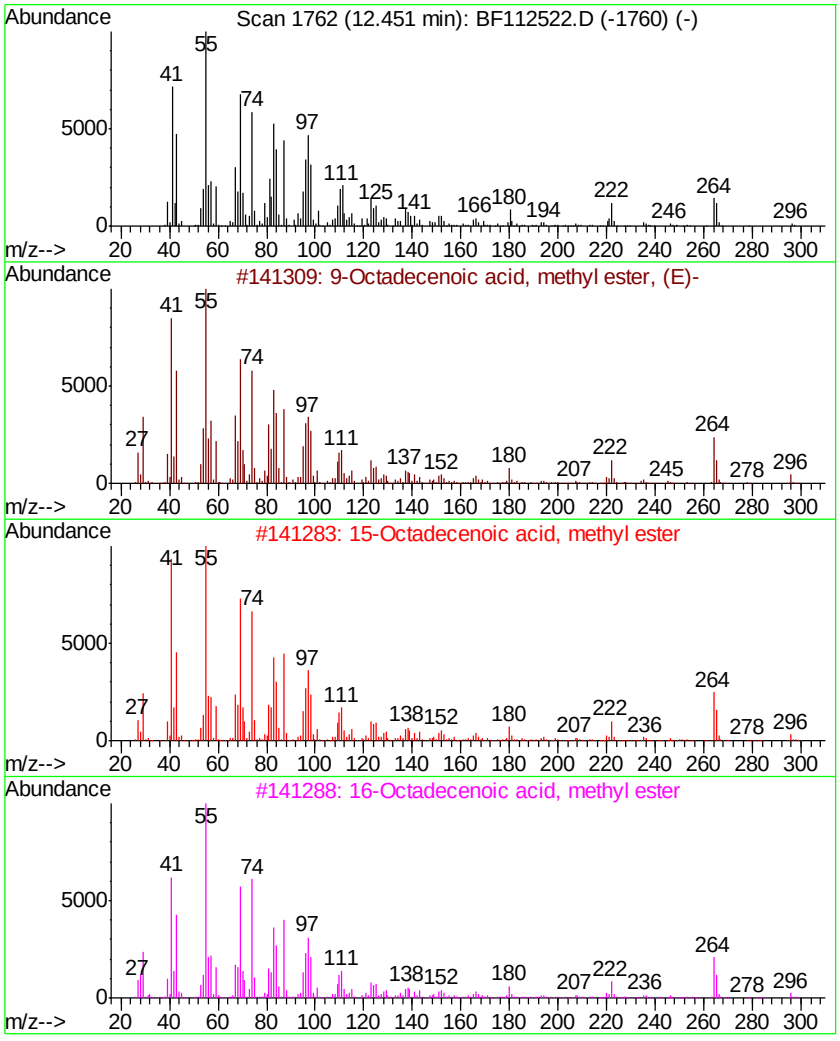
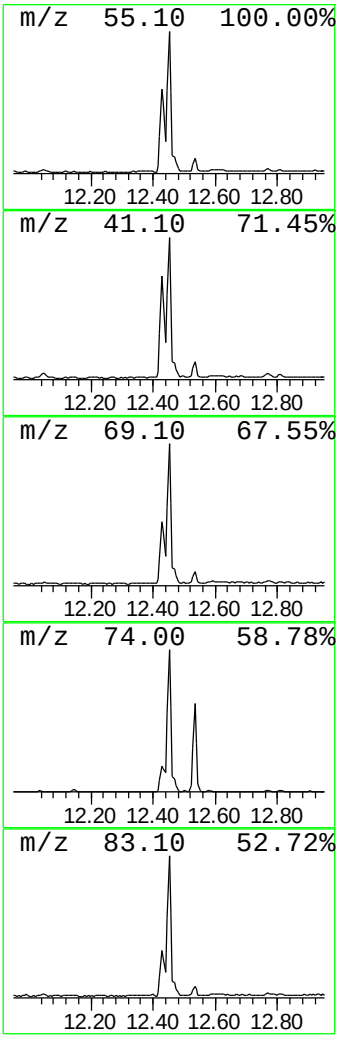
Peak Number 15 9-Octadecenoic acid, methyl... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.45	58.21 ng	2005590	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenoic acid, methyl este...	296	C19H36O2	001937-62-8	99
2	15-Octadecenoic acid, methyl ester	296	C19H36O2	004764-72-1	99
3	16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	99
4	11-Octadecenoic acid, methyl est...	296	C19H36O2	001937-63-9	99
5	10-Octadecenoic acid, methyl ester	296	C19H36O2	013481-95-3	99





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Operator : JU/SJ
Sample : K1343-05 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-02-021119-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.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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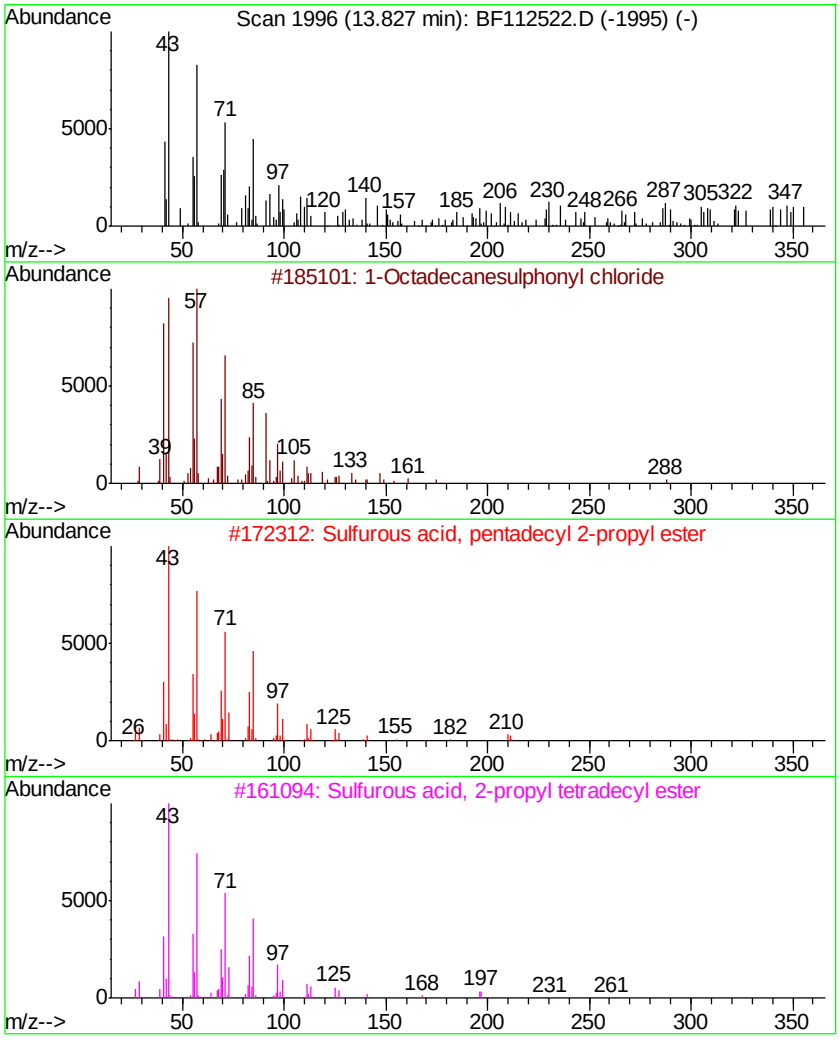
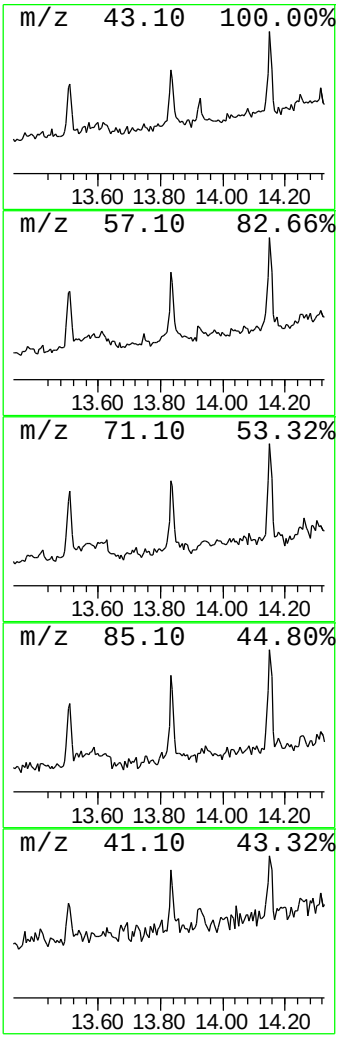
Peak Number 16 1-Octadecanesulphonyl chloride Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.83	2.22 ng	76351	Chrysene-d12	14.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Octadecanesulphonyl chloride	352	C18H37ClO2S	1000342-70-4	68
2	Sulfurous acid, pentadecyl 2-pro...	334	C18H38O3S	1000309-12-6	68
3	Sulfurous acid, 2-propyl tetrade...	320	C17H36O3S	1000309-12-5	68
4	Tritetracontane	605	C43H88	007098-21-7	64
5	Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	64





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Sample : K1343-05 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-02-021119-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.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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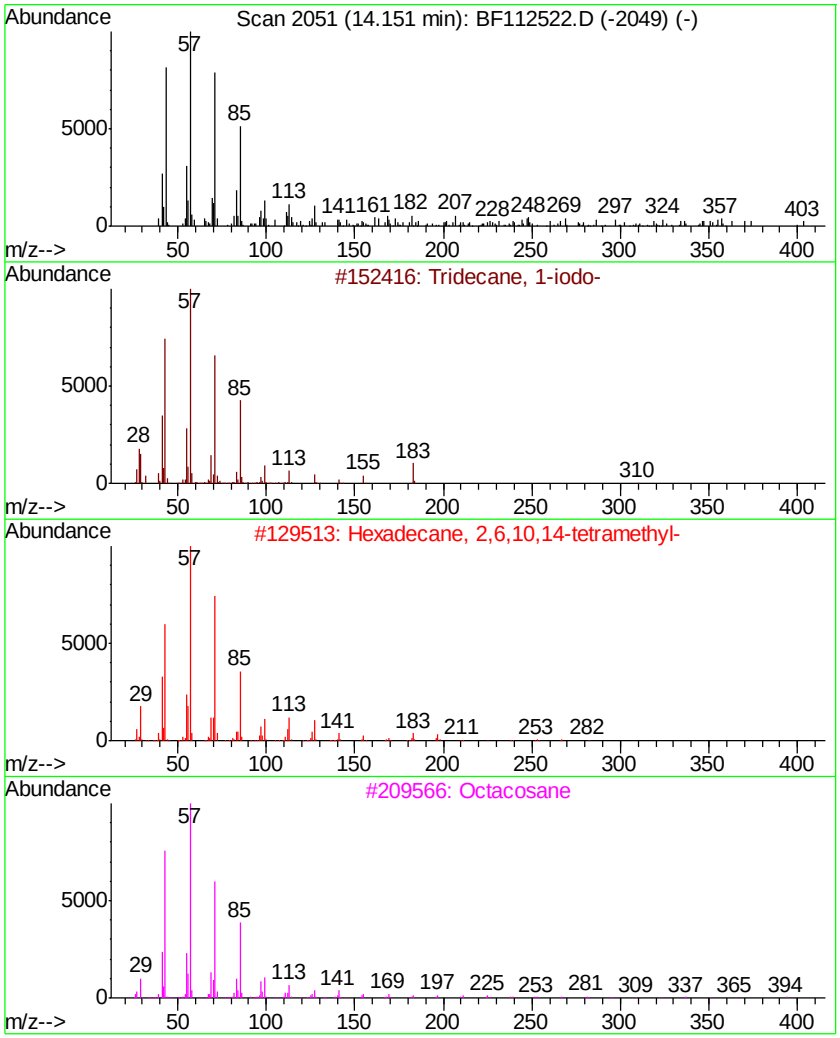
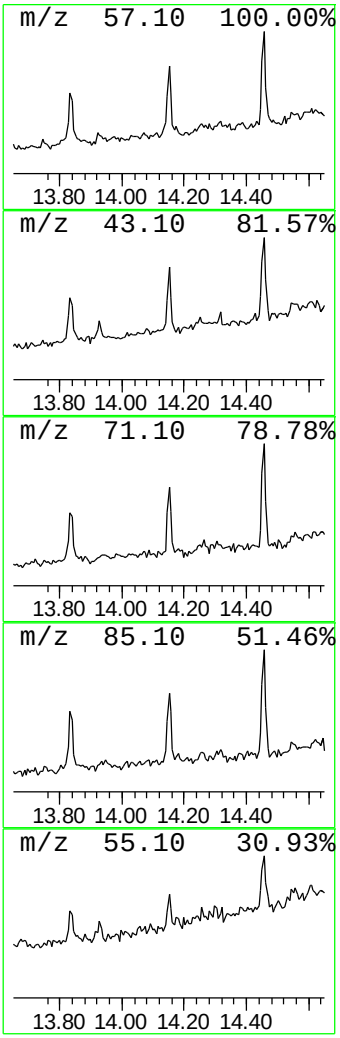
Peak Number 17 Tridecane, 1-iodo- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.15	2.03 ng	69762	Chrysene-d12	14.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	89
2	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	78
3	Octacosane	394	C28H58	000630-02-4	76
4	Hexadecane	226	C16H34	000544-76-3	76
5	Tridecane	184	C13H28	000629-50-5	68





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Sample : K1343-05 5X
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ALS Vial : 21 Sample Multiplier: 1

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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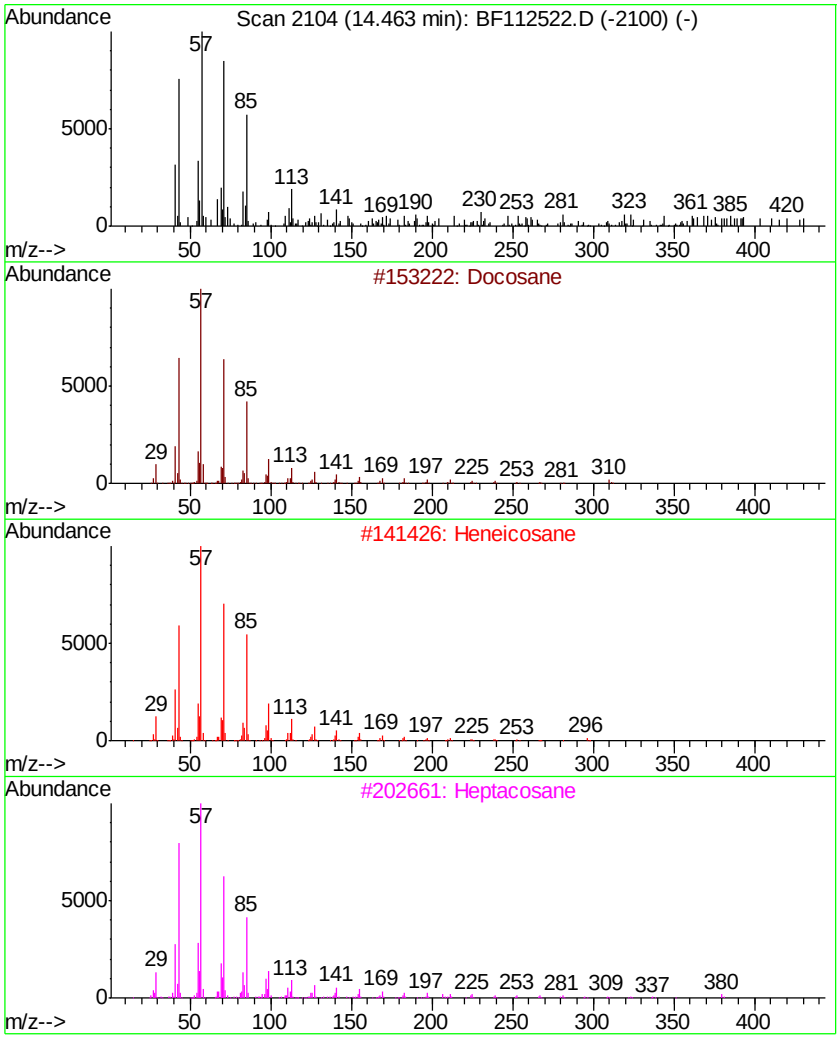
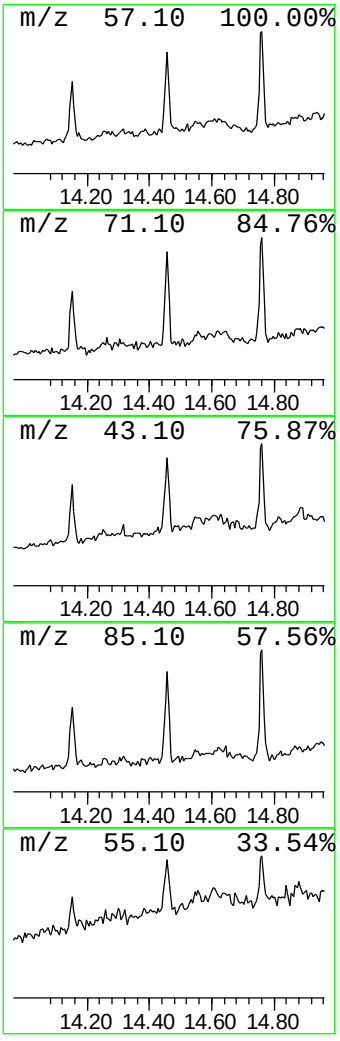
Peak Number 18 Docosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.46	3.29 ng	113242	Chrysene-d12	14.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosane	310	C22H46	000629-97-0	93
2	Heneicosane	296	C21H44	000629-94-7	90
3	Heptacosane	380	C27H56	000593-49-7	89
4	Hexacosane	366	C26H54	000630-01-3	87
5	Octadecane	254	C18H38	000593-45-3	87





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Operator : JU/SJ
Sample : K1343-05 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-02-021119-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.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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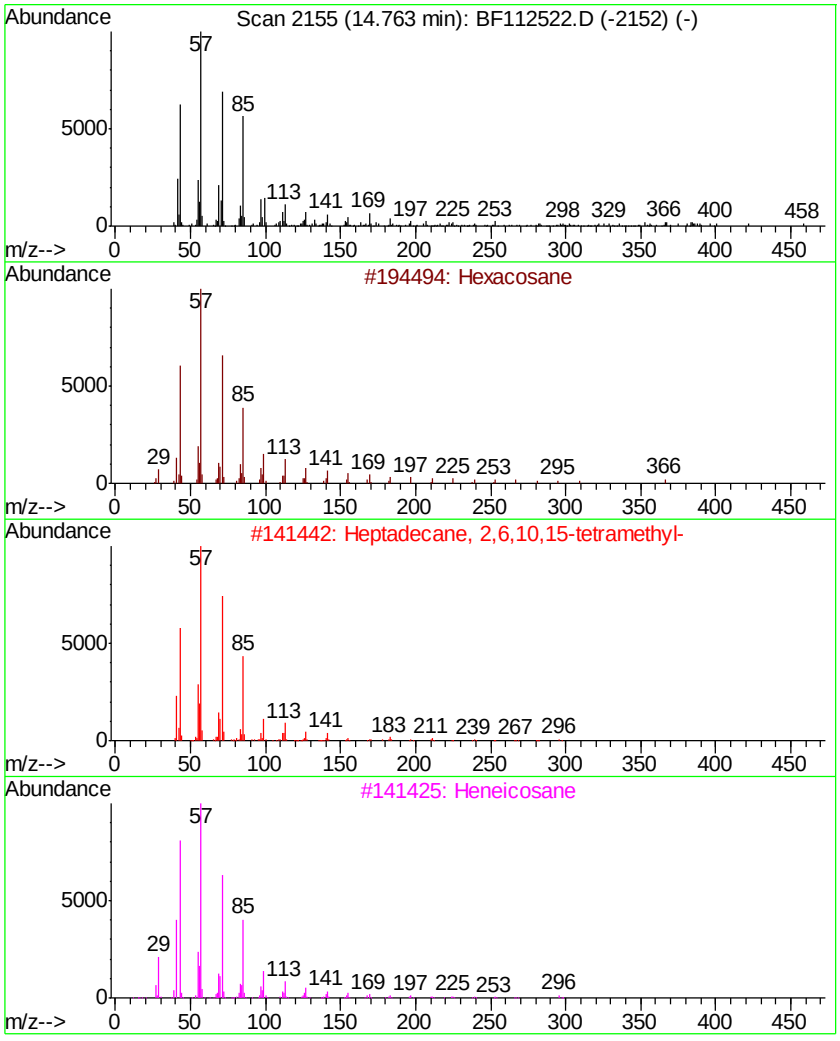
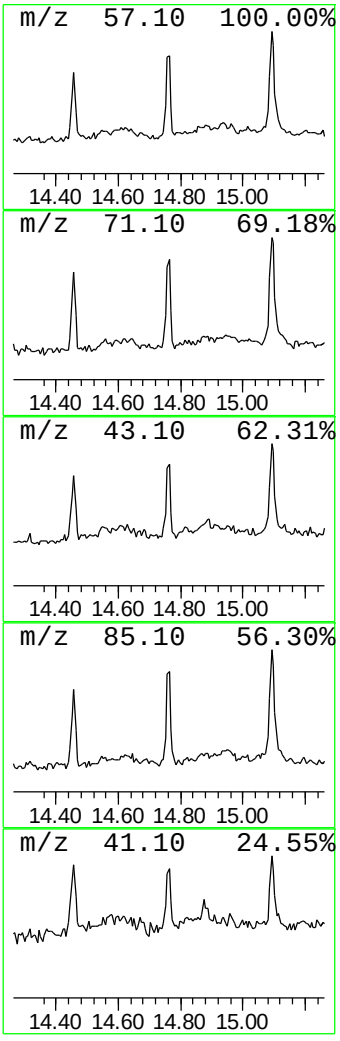
Peak Number 19 Hexacosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.76	4.16 ng	125594	Perylene-d12	15.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	93
2	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	93
3	Heneicosane	296	C21H44	000629-94-7	93
4	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	91
5	Tetracosane	338	C24H50	000646-31-1	90





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Sample : K1343-05 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-02-021119-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.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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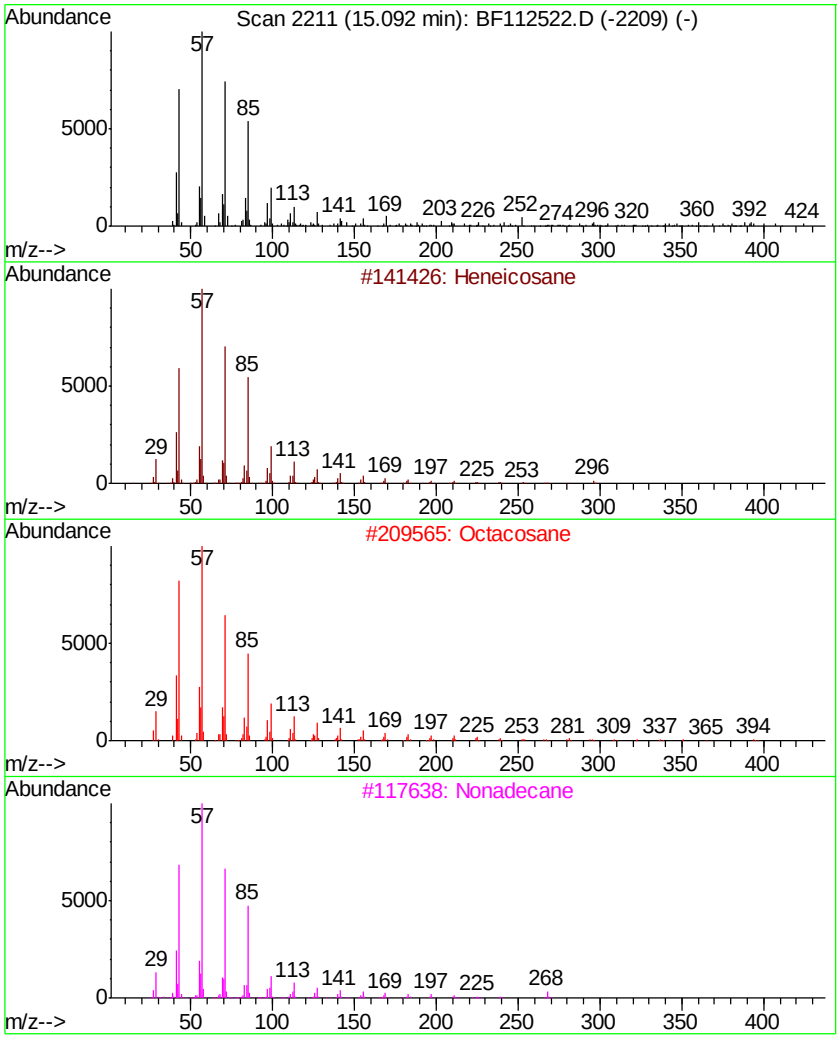
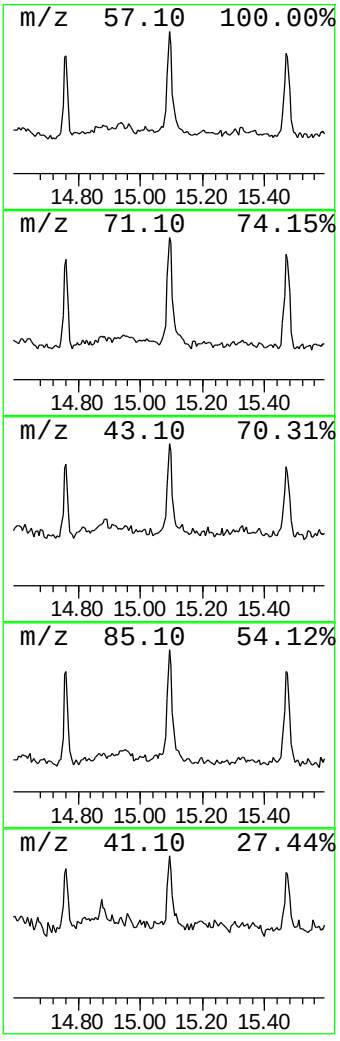
Peak Number 20 Heneicosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.09	7.91 ng	238569	Perylene-d12	15.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	94
2	Octacosane	394	C28H58	000630-02-4	90
3	Nonadecane	268	C19H40	000629-92-5	90
4	Eicosane	282	C20H42	000112-95-8	90
5	Dodecane, 2-methyl-	184	C13H28	001560-97-0	90





Tentatively Identified Compound (LSC) summary

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Data File : BF112522.D
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Operator : JU/SJ
Sample : K1343-05 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-02-021119-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.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
unknown6.62	6.62	17.3	ng	518705	1	6.83	598930	20.0
Tridecane	8.70	2.5	ng	85189	2	8.12	682880	20.0
Tetradecane	9.27	3.2	ng	107823	3	9.87	670456	20.0
Pentadecane	9.80	3.6	ng	120823	3	9.87	670456	20.0
Hexadecane	10.30	4.1	ng	137381	3	9.87	670456	20.0
Pentadecane, 2,6,...	10.52	2.0	ng	68128	3	9.87	670456	20.0
Nonadecane	10.77	5.0	ng	171792	4	11.36	689078	20.0
Octadecane	11.65	2.3	ng	79937	4	11.36	689078	20.0
Hexadecanoic acid...	11.75	19.2	ng	660526	4	11.36	689078	20.0
Triacontane	12.05	2.2	ng	76656	4	11.36	689078	20.0
9,12-Octadecadien...	12.43	59.5	ng	2049730	4	11.36	689078	20.0
9-Octadecenoic ac...	12.45	58.2	ng	2005590	4	11.36	689078	20.0
1-Octadecanesulph...	13.83	2.2	ng	76351	5	14.02	688819	20.0
Tridecane, 1-iodo-	14.15	2.0	ng	69762	5	14.02	688819	20.0
Docosane	14.46	3.3	ng	113242	5	14.02	688819	20.0
Hexacosane	14.76	4.2	ng	125594	6	15.49	603163	20.0
Heneicosane	15.09	7.9	ng	238569	6	15.49	603163	20.0