LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012519\
Data File : BF112260.D
Acq On : 26 Jan 2019 4:14
Operator : JU/SJ
Sample : K1015-13 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-04-012419-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-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	5.469	572	575	589	rBV	840324	874674	9.62%	1.460%
2	6.481	744	747	760	rBV	932041	970768	10.68%	1.620%
3	6.616	766	770	776	rBV	1146862	1008548	11.10%	1.683%
4	6.839	805	808	816	rBV	1610590	1417865	15.60%	2.366%
5	6.998	831	835	846	rBV	909823	805679	8.86%	1.344%
6	7.398	900	903	907	rBV	618346	527376	5.80%	0.880%
7	7.439	907	910	913	rVB	122040	109249	1.20%	0.182%
8	7.863	980	982	989	rVB4	79262	140342	1.54%	0.234%
9	8.122	1020	1026	1032	rBV	2216403	2364983	26.02%	3.946%
10	8.186	1032	1037	1039	rVB2	131083	191765	2.11%	0.320%
11	8.416	1071	1076	1083	rBV7	155286	237651	2.61%	0.397%
12	8.469	1083	1085	1088	rVB3	116572	110474	1.22%	0.184%
13	8.504	1088	1091	1094	rBV3	133026	162533	1.79%	0.271%
14	8.545	1094	1098	1100	rBV2	159678	149258	1.64%	0.249%
15	8.628	1108	1112	1115	rBV2	258675	242524	2.67%	0.405%
16	8.716	1123	1127	1130	rBV	684323	581883	6.40%	0.971%
17	8.810	1140	1143	1146	rVB3	84853	98554	1.08%	0.164%
18	8.945	1161	1166	1169	rBV3	238404	248353	2.73%	0.414%
19	9.075	1184	1188	1193	rVB2	142894	237865	2.62%	0.397%
20	9.116	1193	1195	1197	rBV2	115616	97739	1.08%	0.163%
21	9.145	1197	1200	1202	rVV2	206232	206153	2.27%	0.344%
22	9.192	1205	1208	1213	rVB	1300902	1162129	12.79%	1.939%
23	9.281	1219	1223	1227	rBV	816101	765797	8.43%	1.278%
24	9.351	1232	1235	1237	rVB	147786	140165	1.54%	0.234%
25	9.469	1251	1255	1258	rVB4	111649	146851	1.62%	0.245%
26	9.533	1264	1266	1268	rBV	142911	112942	1.24%	0.188%
27	9.557	1268	1270	1273	rVB2	127525	108840	1.20%	0.182%
28	9.598	1273	1277	1279	rBV4	292283	381528	4.20%	0.637%
29	9.622	1279	1281	1284	rVB2	169107	151027	1.66%	0.252%
30	9.657	1284	1287	1290	rVB	210041	178457	1.96%	0.298%
31	9.739	1298	1301	1305	rBV4	85601	124818	1.37%	0.208%
32	9.804	1309	1312	1316	rVB	742839	670312	7.38%	1.119%
33	9.880	1321	1325	1328	rVB	2317110	2082132	22.91%	3.474%
34	9.945	1334	1336	1339	rVB3	102637	97780	1.08%	0.163%

LSC Area Percent Report

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Operator : JU/SJ
Sample : K1015-13 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-04-012419-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-BF012519.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	9.980	1339	1342	1347	rVB4	87196	100693	1.11%	0.168%
36	10.039	1348	1352	1355	rBV4	119049	188744	2.08%	0.315%
37	10.128	1363	1367	1371	rBV3	189995	240531	2.65%	0.401%
38	10.198	1375	1379	1381	rBV2	100682	128920	1.42%	0.215%
39	10.304	1391	1397	1400	rBV	880263	779873	8.58%	1.301%
40	10.363	1405	1407	1412	rVB4	72075	100079	1.10%	0.167%
41	10.427	1414	1418	1423	rBV	167928	229200	2.52%	0.382%
42	10.527	1430	1435	1441	rVB	229522	353138	3.89%	0.589%
43	10.669	1456	1459	1470	rVB	605942	666393	7.33%	1.112%
44	10.775	1474	1477	1486	rVB	744760	864345	9.51%	1.442%
45	10.969	1507	1510	1512	rBV2	122669	129183	1.42%	0.216%
46	11.004	1513	1516	1519	rVB2	128940	125091	1.38%	0.209%
47	11.222	1550	1553	1556	rBV	573788	524741	5.77%	0.876%
48	11.257	1556	1559	1565	rVB2	276516	312929	3.44%	0.522%
49	11.363	1573	1577	1579	rBV	2068364	1756909	19.33%	2.932%
50	11.386	1579	1581	1588	rVV	859887	791898	8.71%	1.321%
51	11.439	1588	1590	1593	rVB	226834	171905	1.89%	0.287%
52	11.604	1614	1618	1623	rBV3	85246	139129	1.53%	0.232%
53	11.651	1623	1626	1628	rBV	560765	450628	4.96%	0.752%
54	11.674	1628	1630	1632	rVB3	128617	103657	1.14%	0.173%
55	11.751	1639	1643	1646	rBV	4170890	3227090	35.51%	5.385%
56	11.863	1659	1662	1664	rBV	149802	134902	1.48%	0.225%
57	11.892	1664	1667	1672	rVB2	222390	244832	2.69%	0.409%
58	11.974	1678	1681	1684	rBV2	225185	233635	2.57%	0.390%
59	12.057	1691	1695	1700	rVB	434554	408030	4.49%	0.681%
60	12.157	1709	1712	1715	rBV2	125532	113254	1.25%	0.189%
61	12.439	1753	1760	1762	rBV	7789025	8727626	96.03%	14.564%
62	12.463	1762	1764	1769	rVV	9728578	9088843	100.00%	15.167%
63	12.504	1769	1771	1774	rVB3	190188	178965	1.97%	0.299%
64	12.539	1774	1777	1780	rBV	1487731	1189639	13.09%	1.985%
65	12.574	1780	1783	1788	rBV	894182	846075	9.31%	1.412%
66	12.627	1788	1792	1794	rBV5	77432	98492	1.08%	0.164%
67	12.774	1814	1817	1819	rBV	284068	290051	3.19%	0.484%
68	12.810	1819	1823	1830	rVB3	855766	1348053	14.83%	2.249%
69	12.939	1842	1845	1848	rVB	850513	765170	8.42%	1.277%
70	13.021	1856	1859	1862	rBV2	88603	139033	1.53%	0.232%
71	13.098	1870	1872	1874	rBV2	256222	221312	2.43%	0.369%

LSC Area Percent Report

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Sample : K1015-13 5X
Misc :
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Instrument : BNA_F
ClientSampleId : SU-04-012419-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

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72	13.168	1882	1884	1886	rBV	245504	264014	2.90%	0.441%
73	13.239	1893	1896	1898	rBV2	103551	118765	1.31%	0.198%
74	13.263	1898	1900	1903	rVB	249188	192864	2.12%	0.322%
75	13.510	1940	1942	1945	rVB	151107	122378	1.35%	0.204%
76	13.839	1995	1998	2003	rVB4	156462	193407	2.13%	0.323%
77	13.927	2011	2013	2018	rBV2	114494	128560	1.41%	0.215%
78	14.004	2021	2026	2028	rVV2	1677292	1887440	20.77%	3.150%
79	14.027	2028	2030	2038	rVB	370040	327671	3.61%	0.547%
80	14.151	2049	2051	2056	rBV2	143502	163464	1.80%	0.273%
81	14.457	2101	2103	2106	rVB3	202718	177621	1.95%	0.296%
82	14.762	2152	2155	2159	rBV	178975	169761	1.87%	0.283%
83	14.880	2171	2175	2181	rBV	359913	524910	5.78%	0.876%
84	15.039	2199	2202	2209	rBV	280613	539079	5.93%	0.900%
85	15.092	2209	2211	2218	rVB	242192	291511	3.21%	0.486%
86	15.345	2251	2254	2259	rVB	143774	158330	1.74%	0.264%
87	15.404	2261	2264	2269	rVV	243561	309789	3.41%	0.517%
88	15.468	2271	2275	2291	rVB	1359214	1790621	19.70%	2.988%
89	15.904	2346	2349	2354	rVB2	187005	246820	2.72%	0.412%

Sum of corrected areas: 59927007

LSC Report - Integrated Chromatogram

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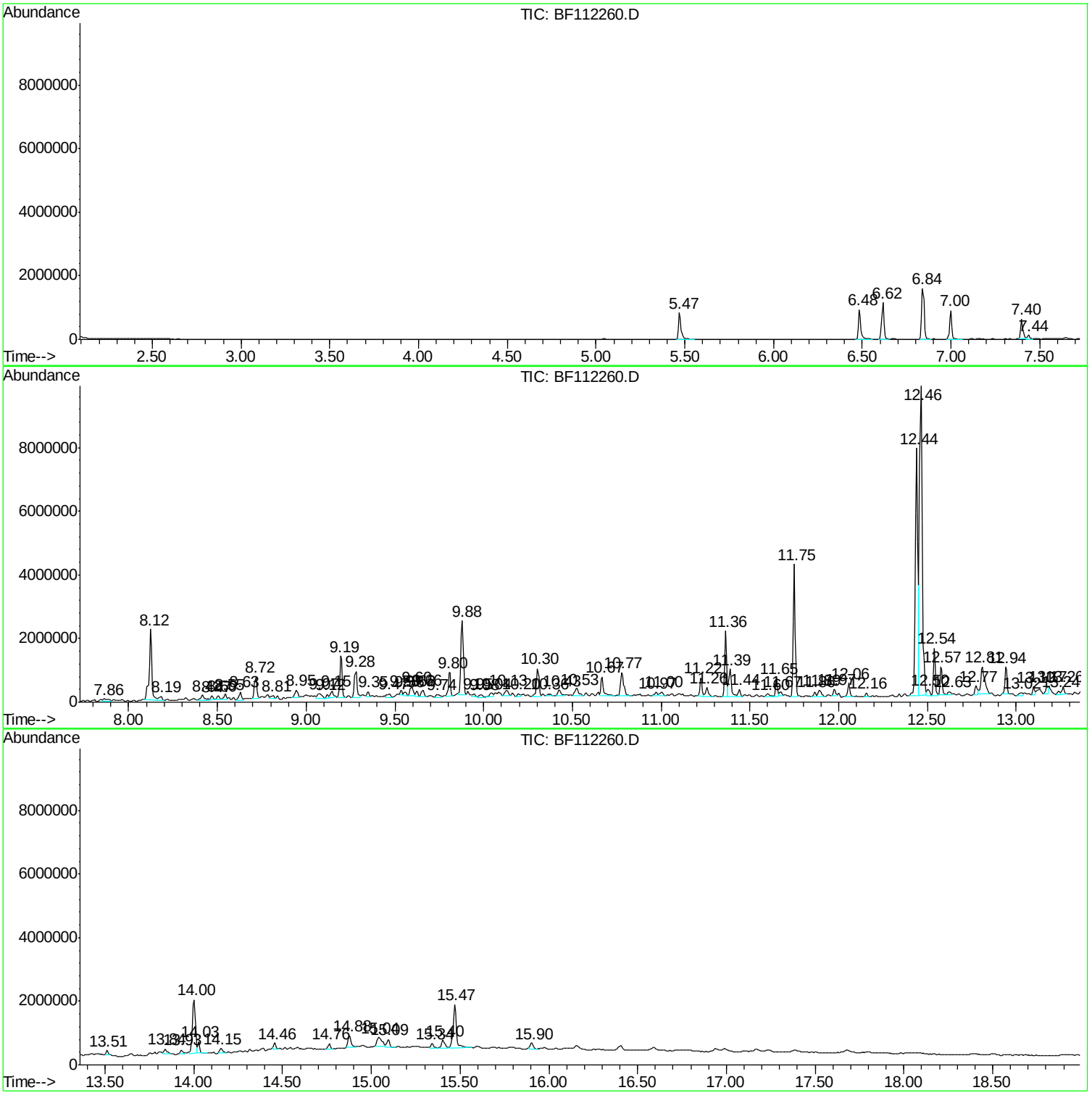
Data File : BF112260.D
Acq On : 26 Jan 2019 4:14
Operator : JU/SJ
Sample : K1015-13 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-04-012419-A

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\BF012519\
Data File : BF112260.D
Acq On : 26 Jan 2019 4:14
Operator : JU/SJ
Sample : K1015-13 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-04-012419-A

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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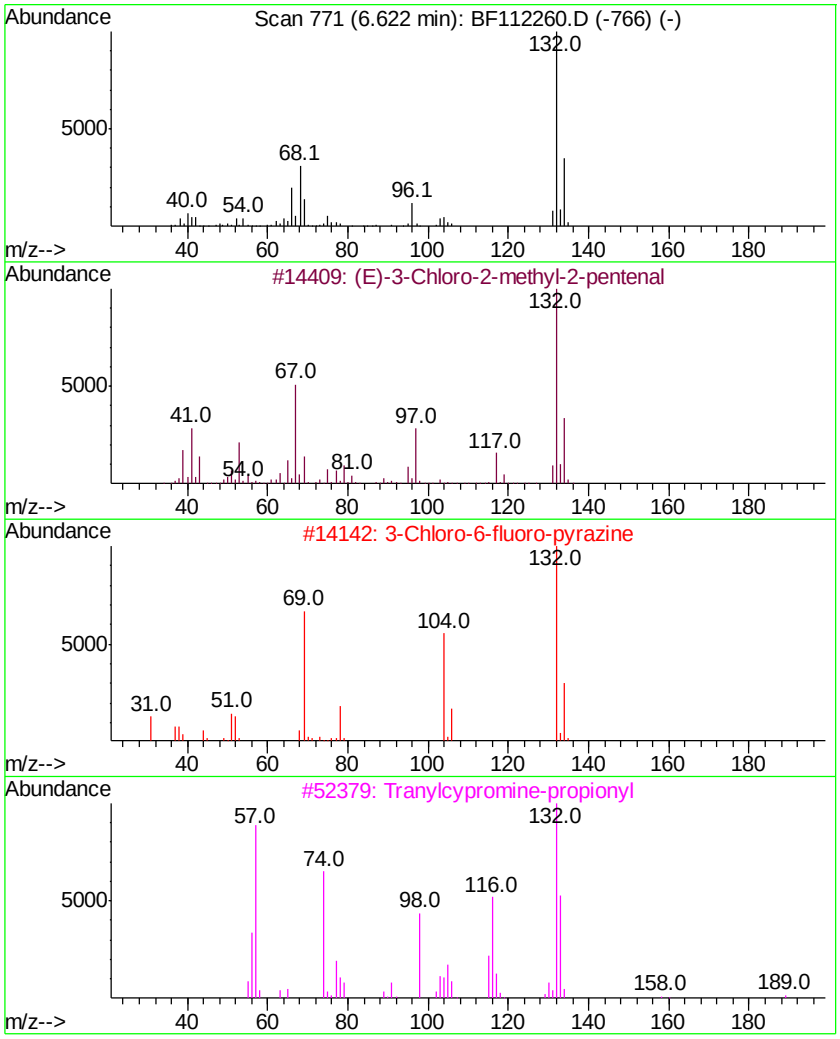
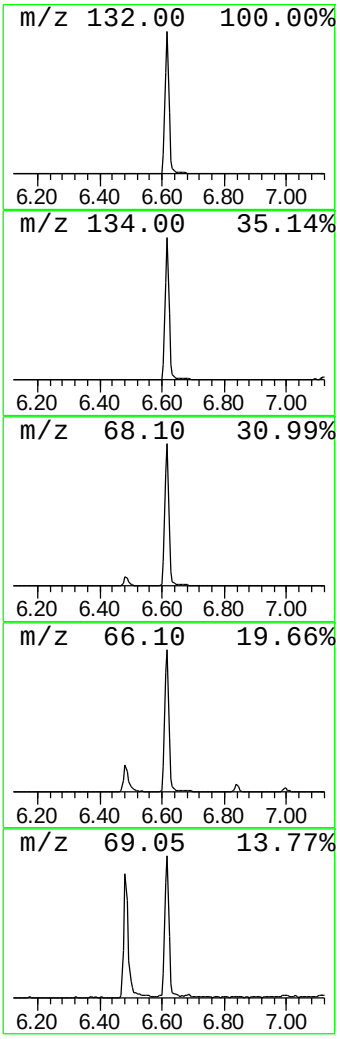
Peak Number 1 unknown6.62 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.62	14.23 ng	1008550	1,4-Dichlorobenzene-d4	6.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	25
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	25
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	16
4	5-Aminoindole	132	C8H8N2	005192-03-0	16
5	Amphetaminil	250	C17H18N2	017590-01-1	12





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012519\
Data File : BF112260.D
Acq On : 26 Jan 2019 4:14
Operator : JU/SJ
Sample : K1015-13 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-04-012419-A

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

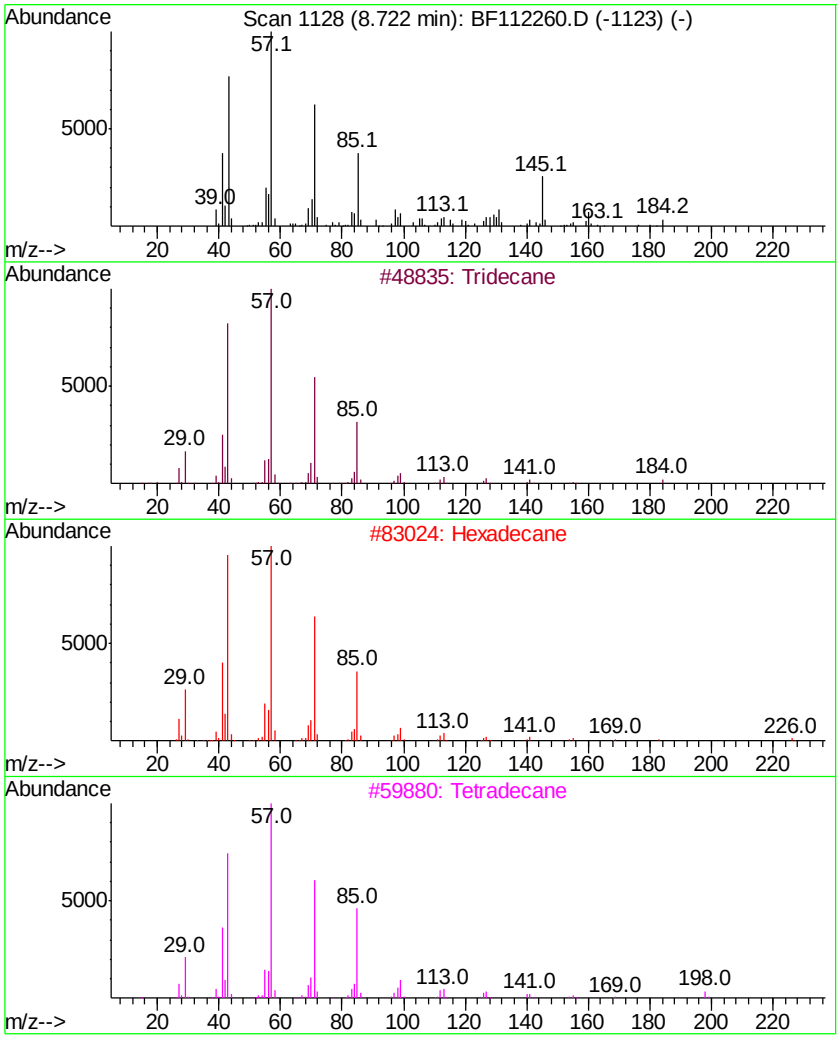
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

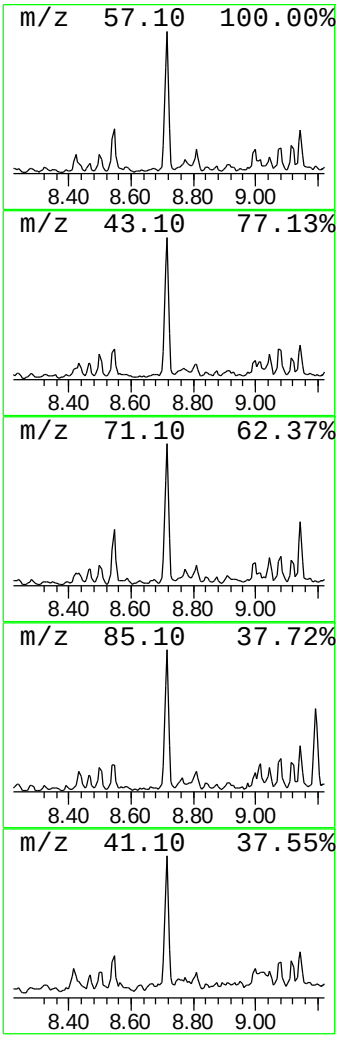
****

Peak Number 3 Tridecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.72	4.92 ng	581883	Naphthalene-d8	8.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	94
2	Hexadecane	226	C16H34	000544-76-3	83
3	Tetradecane	198	C14H30	000629-59-4	80
4	Heptadecane	240	C17H36	000629-78-7	72
5	Dodecane, 2-methyl-	184	C13H28	001560-97-0	64





Library Search Compound Report

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Operator : JU/SJ
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Misc :
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Instrument : BNA_F
ClientSampleId : SU-04-012419-A

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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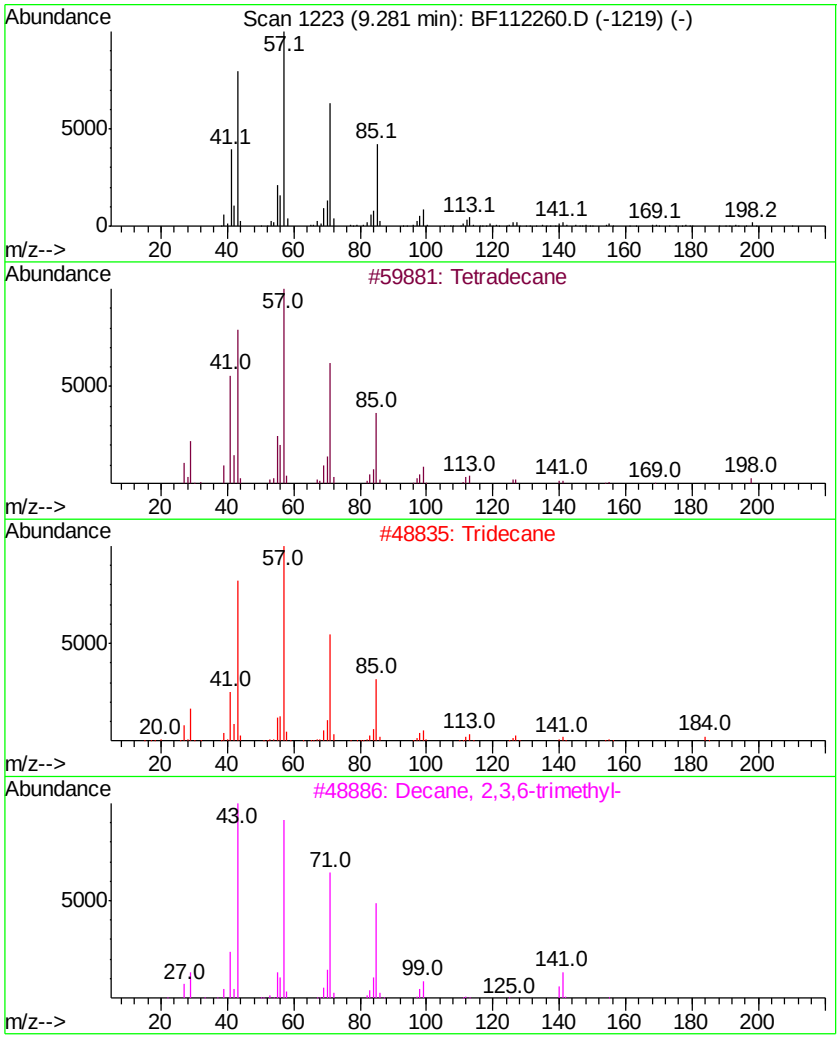
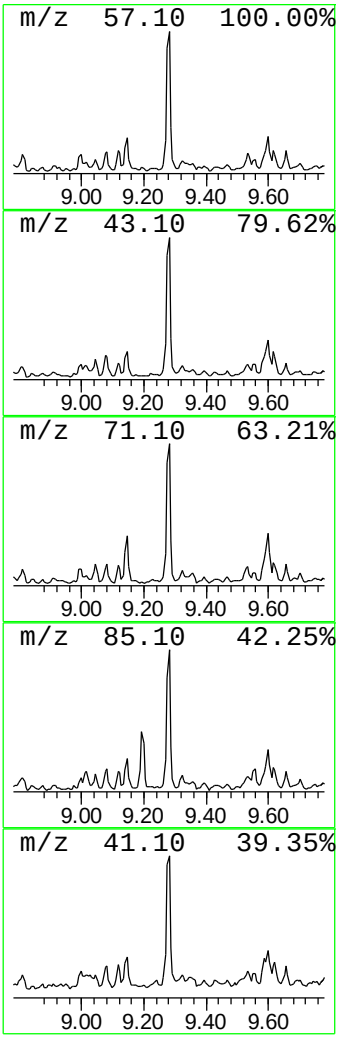
Peak Number 4 Tetradecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.28	7.36 ng	765797	Acenaphthene-d10	9.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	97
2	Tridecane	184	C13H28	000629-50-5	90
3	Decane, 2,3,6-trimethyl-	184	C13H28	062238-12-4	90
4	Dodecane	170	C12H26	000112-40-3	87
5	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	80





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Data File : BF112260.D
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Sample : K1015-13 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-04-012419-A

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
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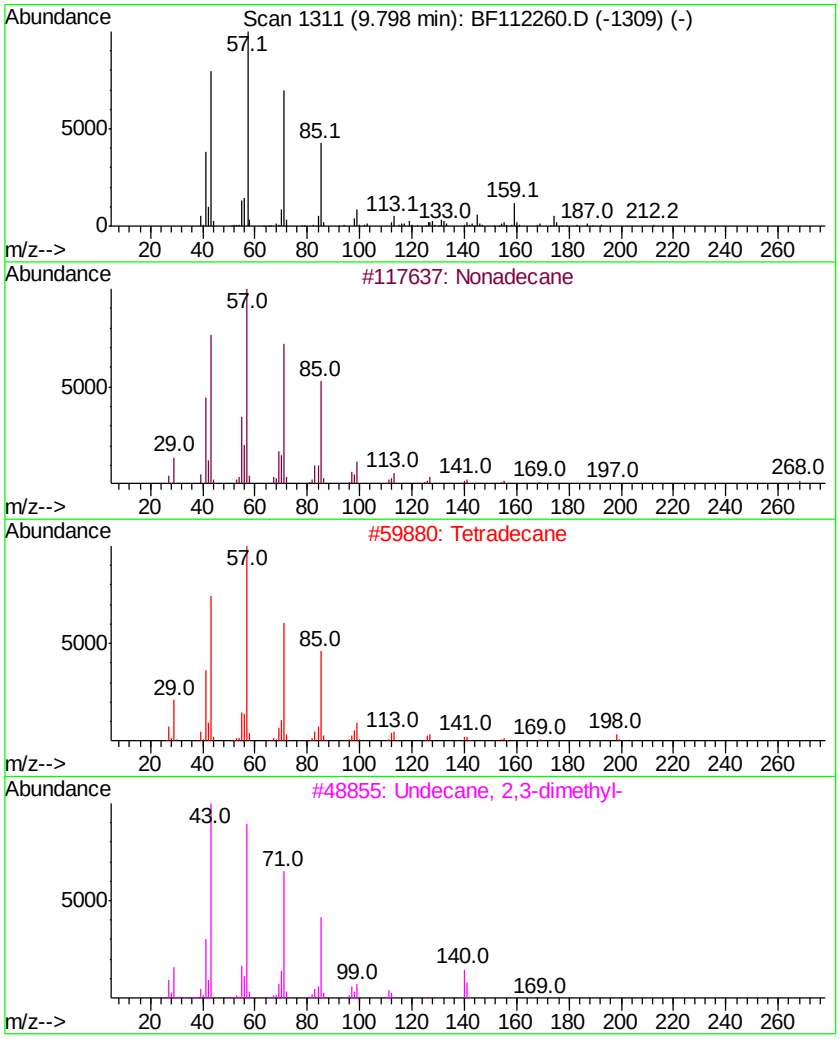
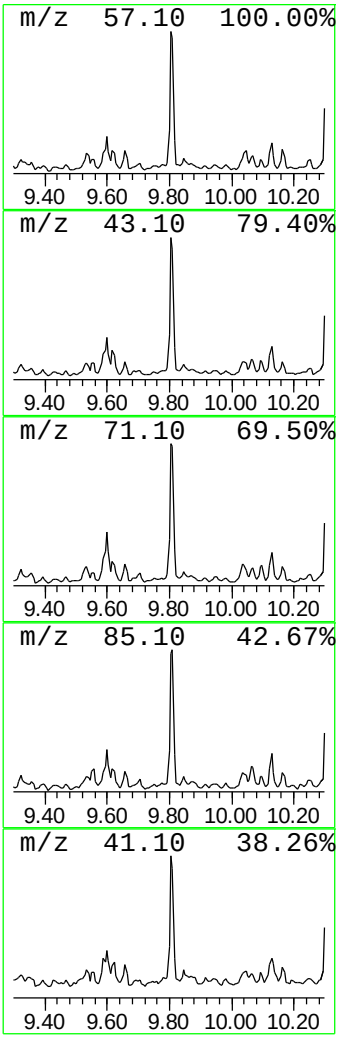
****

Peak Number 6 Nonadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.80	6.44 ng	670312	Acenaphthene-d10	9.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	90
2	Tetradecane	198	C14H30	000629-59-4	90
3	Undecane, 2,3-dimethyl-	184	C13H28	017312-77-5	86
4	Hexadecane	226	C16H34	000544-76-3	80
5	Nonane, 5-butyl-	184	C13H28	017312-63-9	72





Library Search Compound Report

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Data File : BF112260.D
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Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-04-012419-A

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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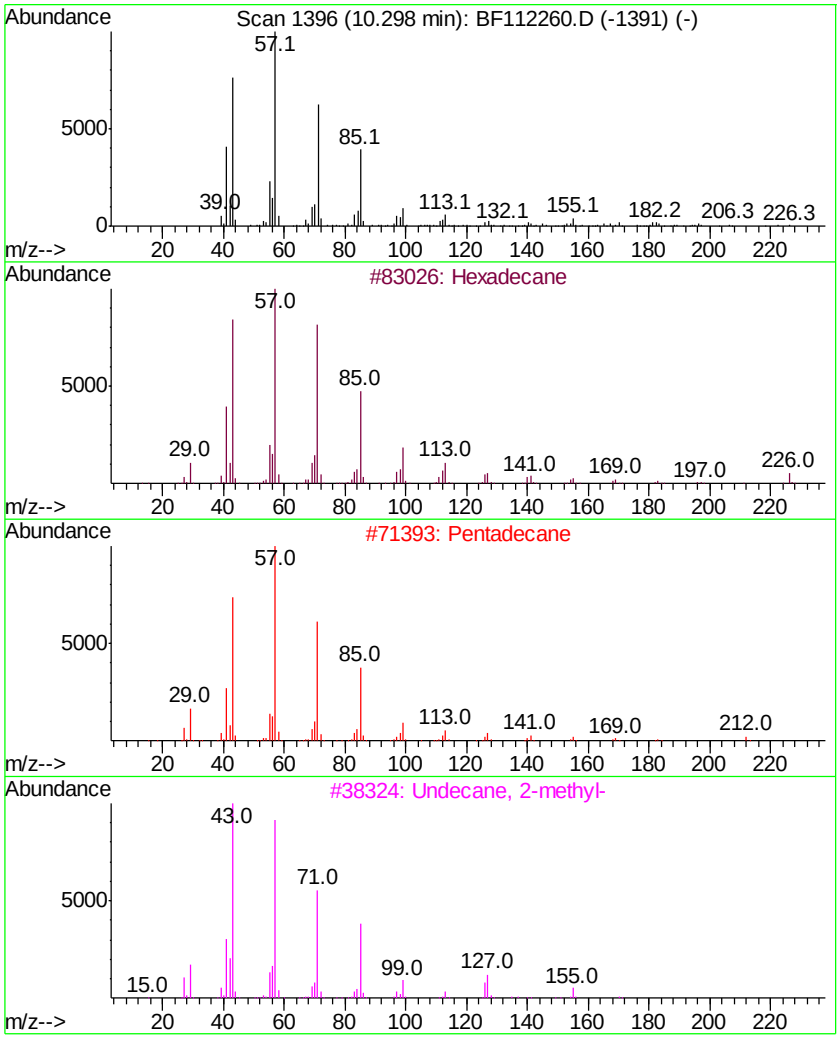
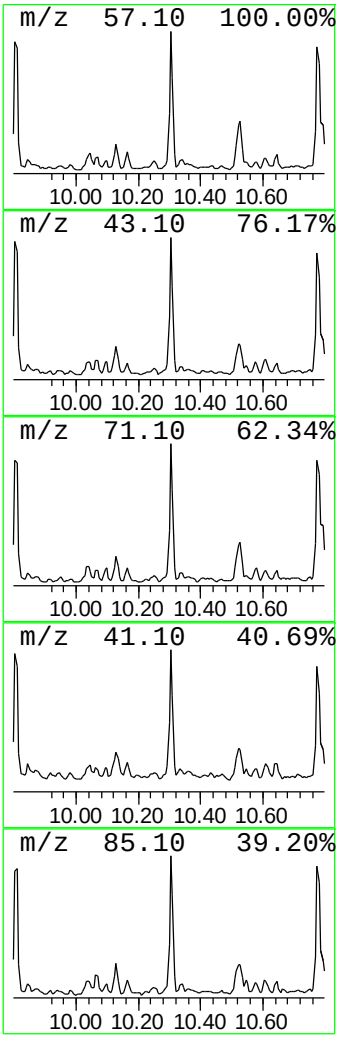
Peak Number 7 Hexadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.30	7.49 ng	779873	Acenaphthene-d10	9.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	95
2	Pentadecane	212	C15H32	000629-62-9	90
3	Undecane, 2-methyl-	170	C12H26	007045-71-8	86
4	Tetradecane	198	C14H30	000629-59-4	86
5	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86





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Misc :
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Instrument : BNA_F
ClientSampleId : SU-04-012419-A

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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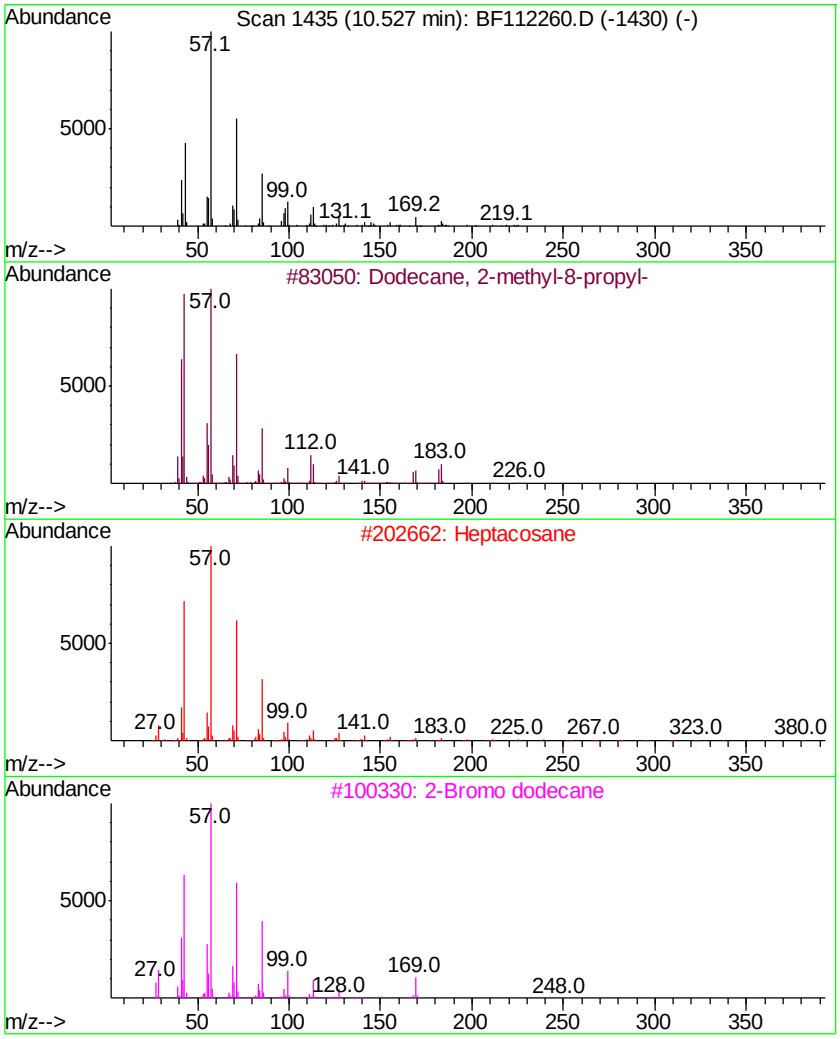
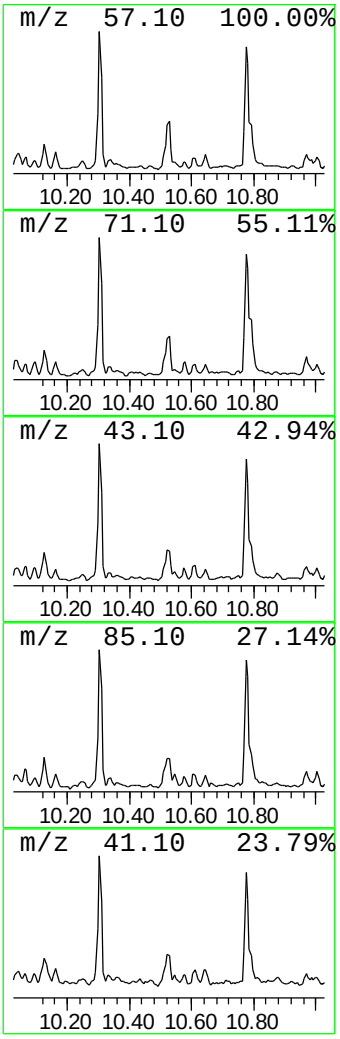
Peak Number 8 Dodecane, 2-methyl-8-propyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.53	3.39 ng	353138	Acenaphthene-d10	9.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2-methyl-8-propyl-	226	C16H34	055045-07-3	86
2	Heptacosane	380	C27H56	000593-49-7	80
3	2-Bromo dodecane	248	C12H25Br	013187-99-0	80
4	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	64
5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	59





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012519\
Data File : BF112260.D
Acq On : 26 Jan 2019 4:14
Operator : JU/SJ
Sample : K1015-13 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-04-012419-A

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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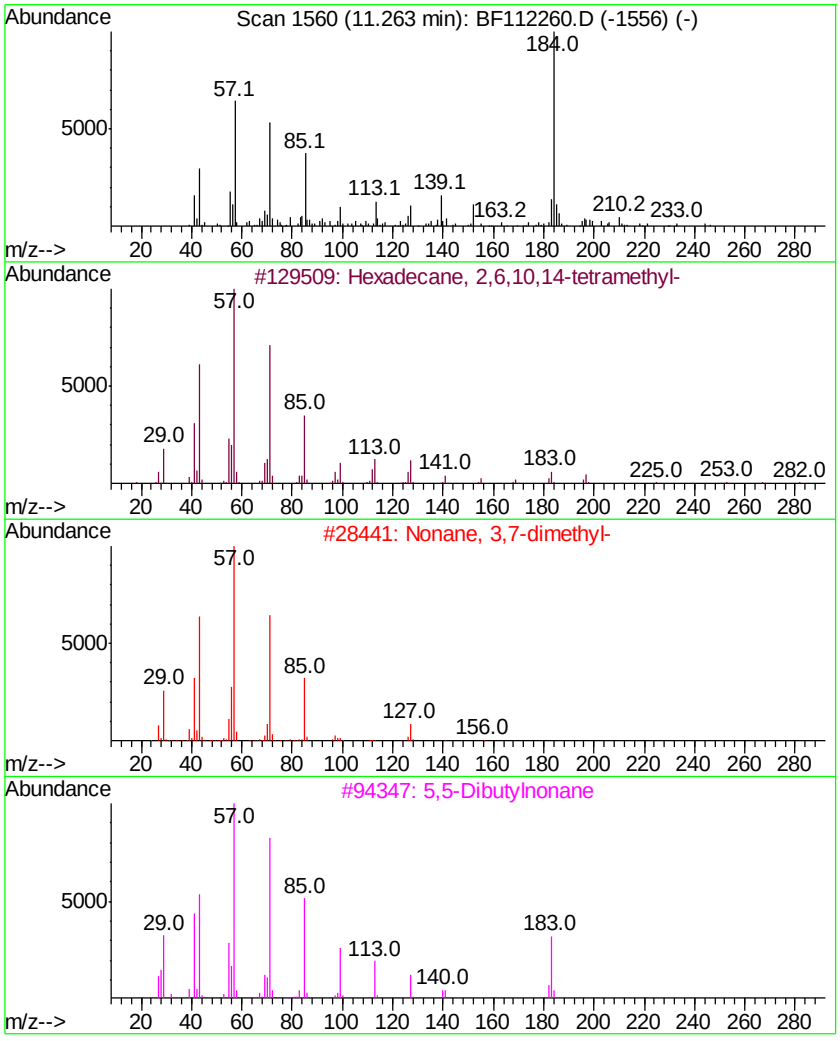
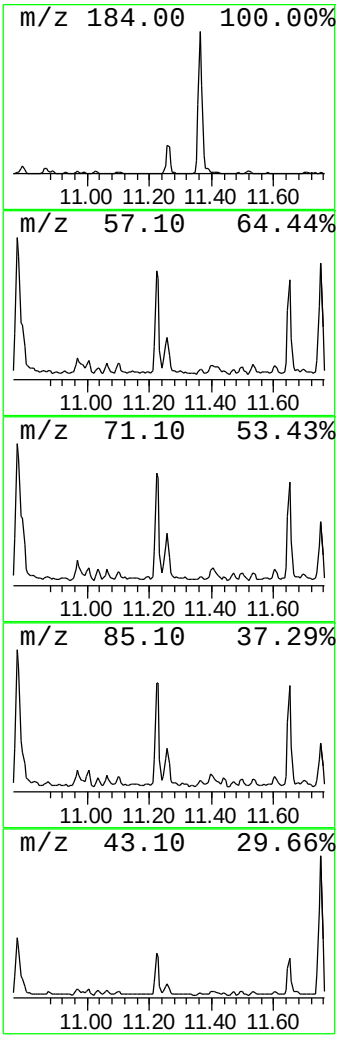
Peak Number 11 Hexadecane, 2,6,10,14-tetra... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.26	3.56 ng	312929	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	64
2	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	53
3	5,5-Dibutylnonane	240	C17H36	006008-17-9	52
4	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	50
5	Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	47





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Acq On : 26 Jan 2019 4:14
Operator : JU/SJ
Sample : K1015-13 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-04-012419-A

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

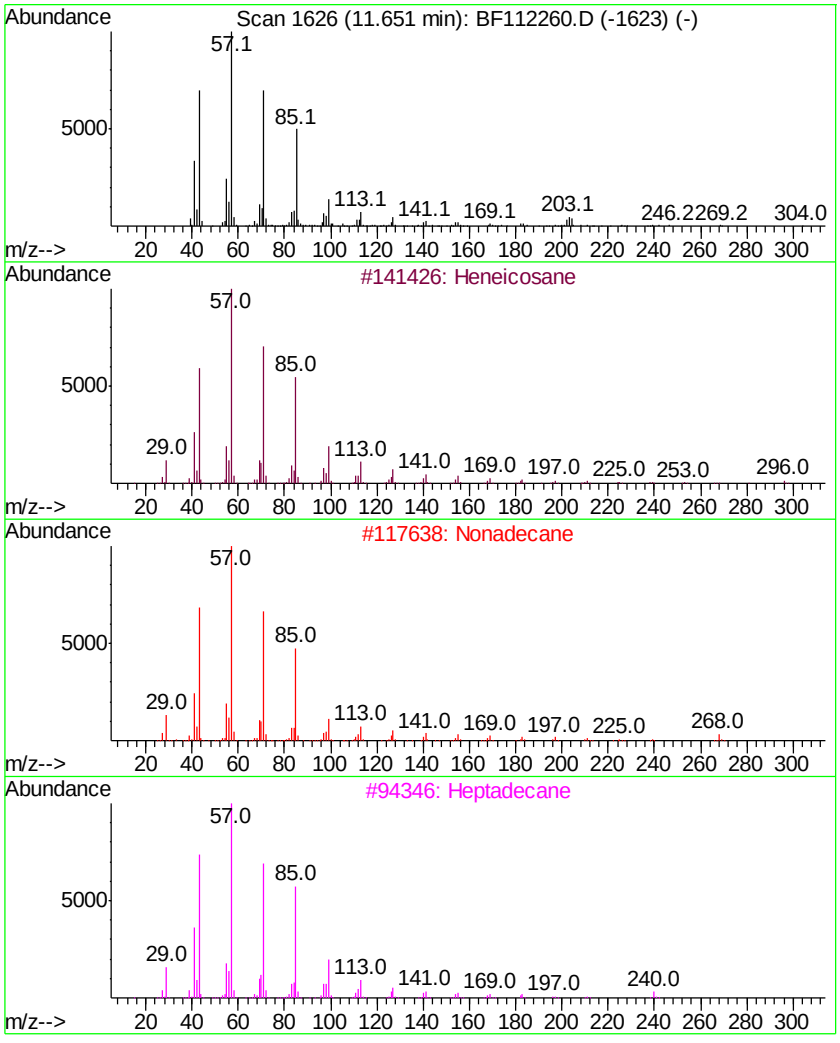
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

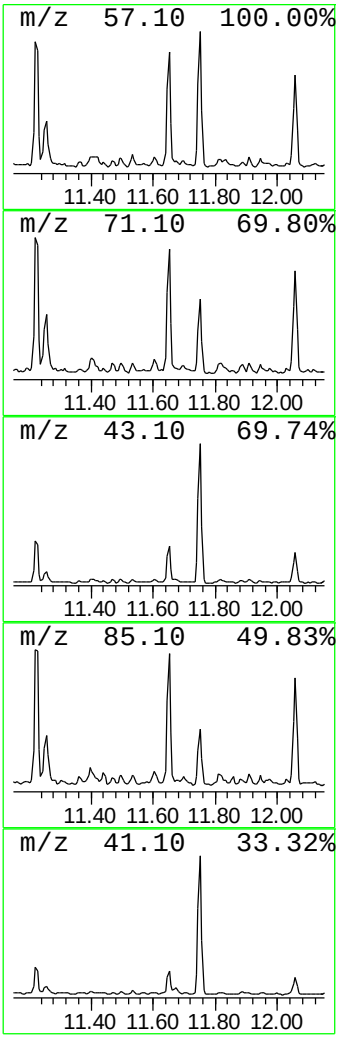
****

Peak Number 12 Heneicosane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.65	5.13 ng	450628	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	87
2	Nonadecane	268	C19H40	000629-92-5	87
3	Heptadecane	240	C17H36	000629-78-7	87
4	Tetradecane	198	C14H30	000629-59-4	87
5	Eicosane	282	C20H42	000112-95-8	86





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Operator : JU/SJ
Sample : K1015-13 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-04-012419-A

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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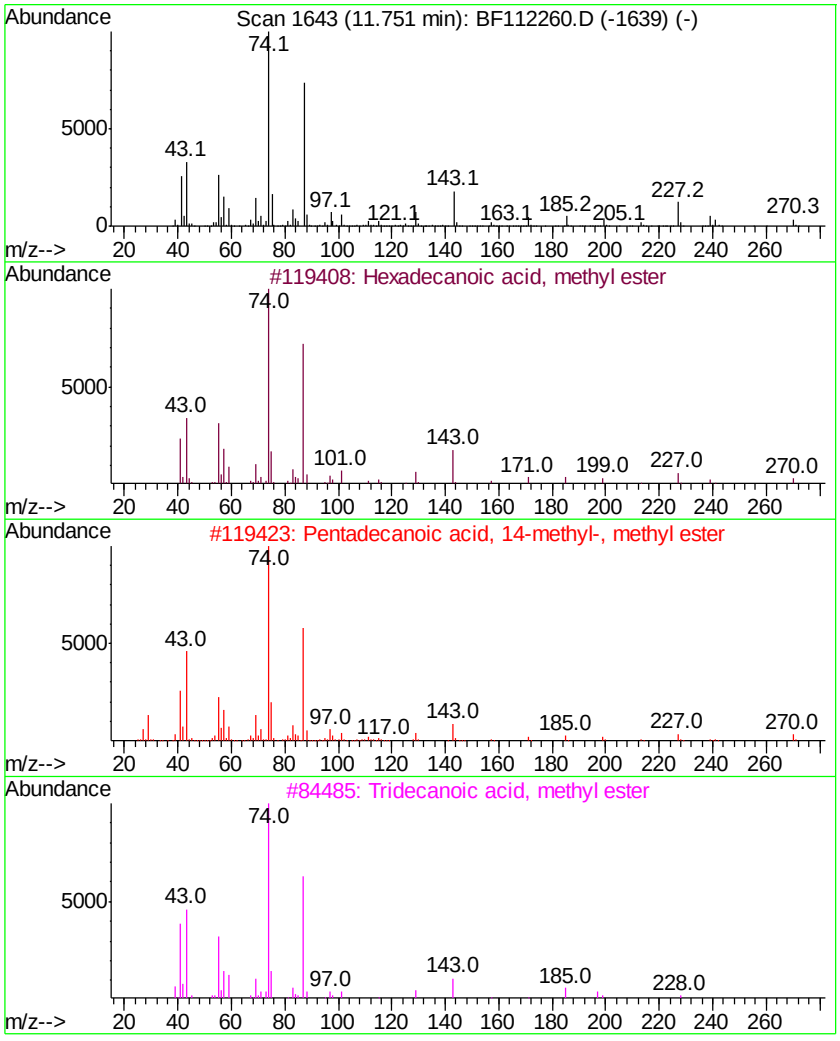
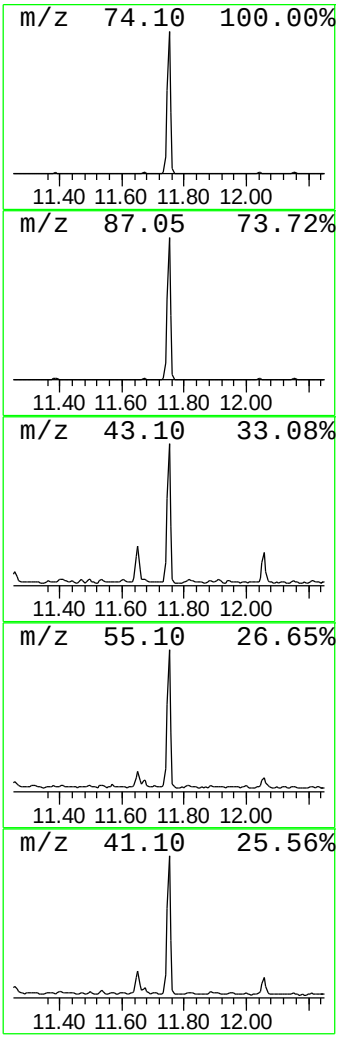
Peak Number 13 Hexadecanoic acid, methyl e... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.75	36.74 ng	3227090	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	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	92
3	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	90
4	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	86
5	Tridecanoic acid, 12-methyl-, me...	242	C15H30O2	005129-58-8	83





Library Search Compound Report

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Acq On : 26 Jan 2019 4:14
Operator : JU/SJ
Sample : K1015-13 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-04-012419-A

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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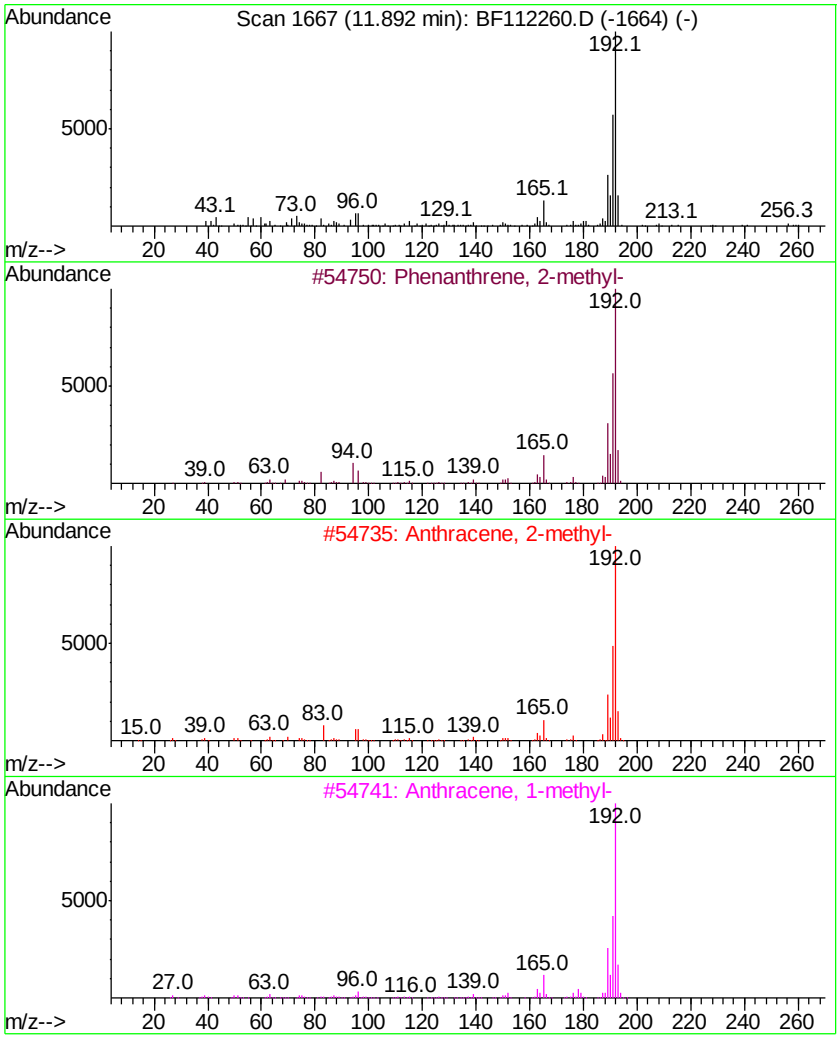
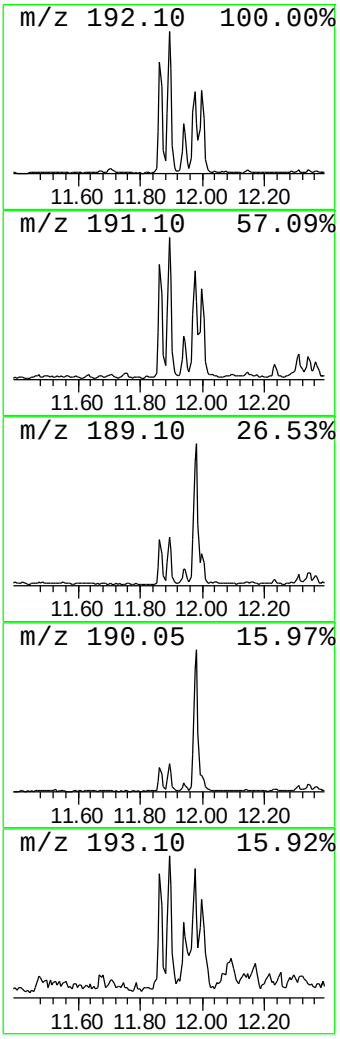
Peak Number 14 Phenanthrene, 2-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.89	2.79 ng	244832	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91





Library Search Compound Report

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Acq On : 26 Jan 2019 4:14
Operator : JU/SJ
Sample : K1015-13 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-04-012419-A

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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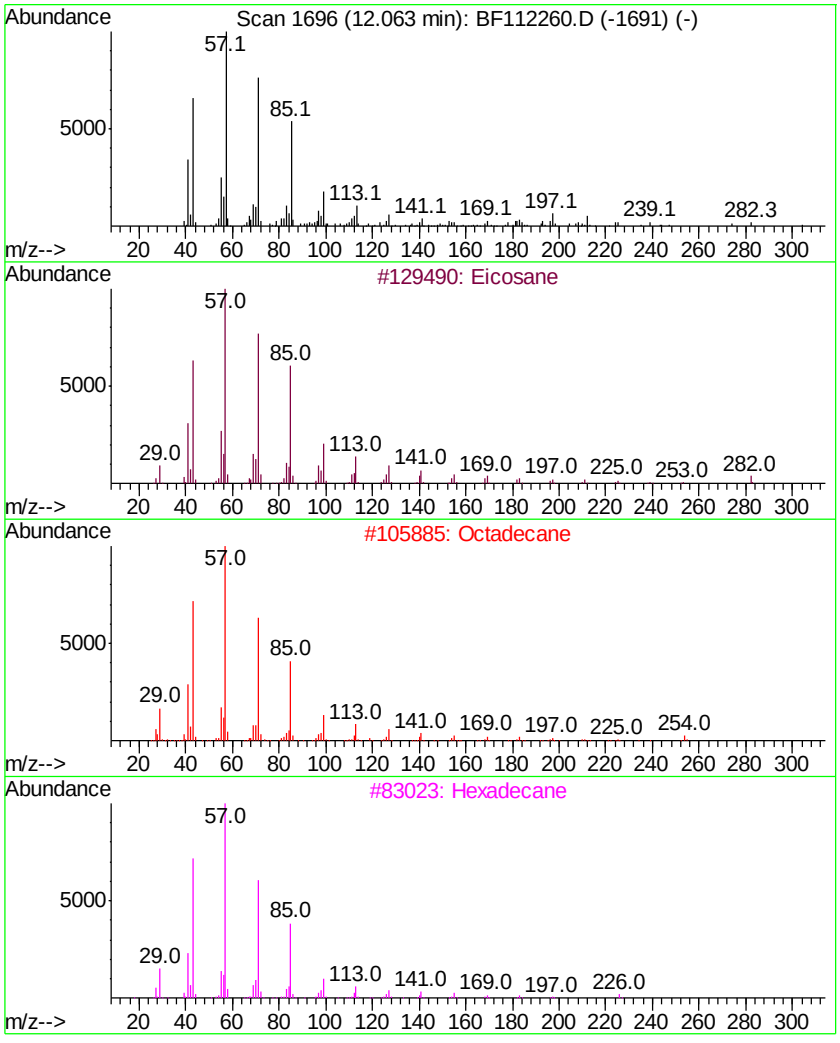
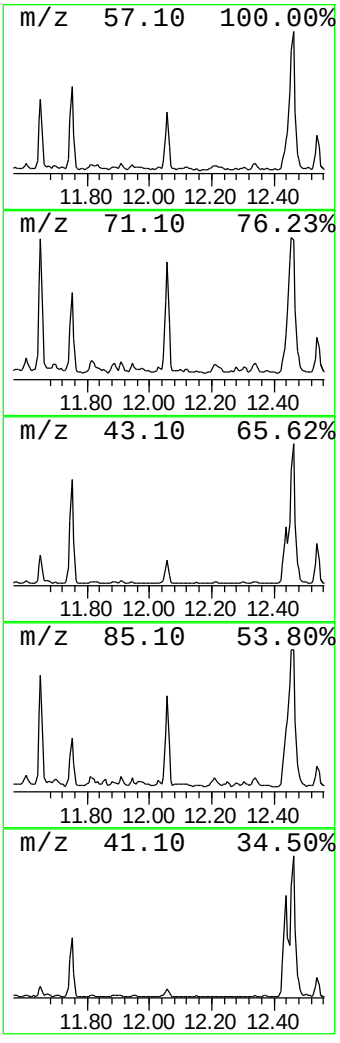
Peak Number 15 Eicosane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.06	4.64 ng	408030	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	97
2	Octadecane	254	C18H38	000593-45-3	91
3	Hexadecane	226	C16H34	000544-76-3	91
4	Heptadecane	240	C17H36	000629-78-7	90
5	Heneicosane	296	C21H44	000629-94-7	81





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Sample : K1015-13 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-04-012419-A

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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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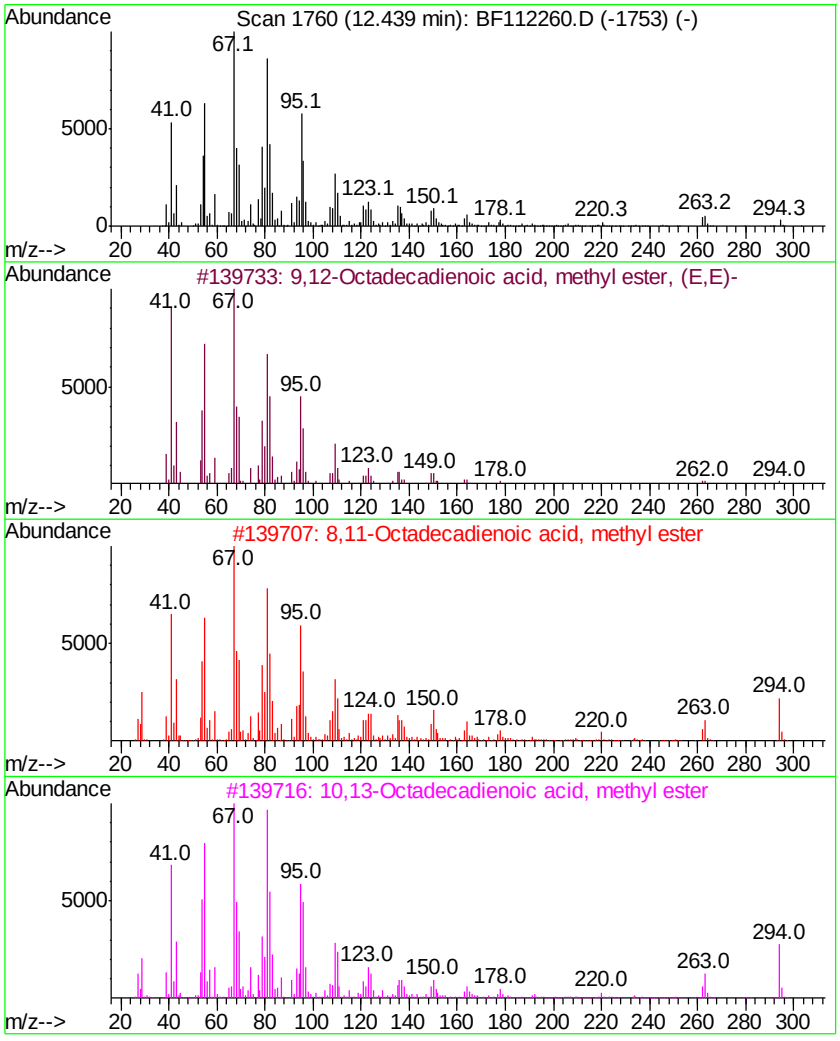
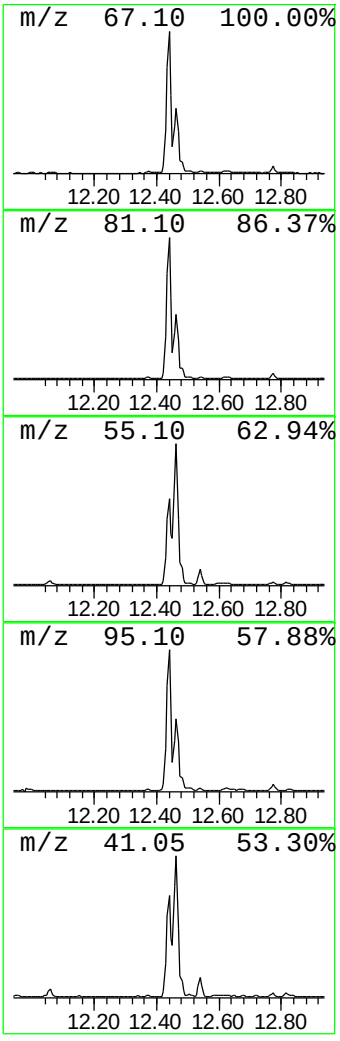
Peak Number 16 9,12-Octadecadienoic acid, ... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.44	99.35 ng	8727630	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	8,11-Octadecadienoic acid, methy...	294	C19H34O2	056599-58-7	99
3	10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	99
4	9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	99
5	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99





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Acq On : 26 Jan 2019 4:14
Operator : JU/SJ
Sample : K1015-13 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-04-012419-A

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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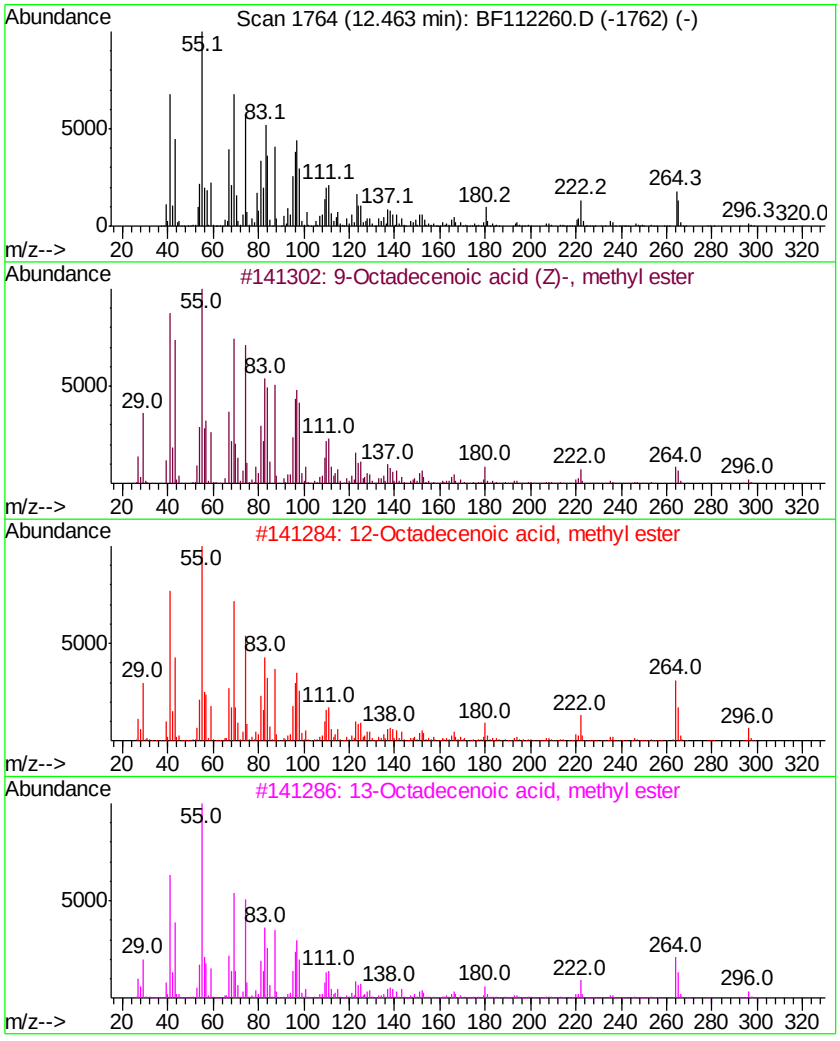
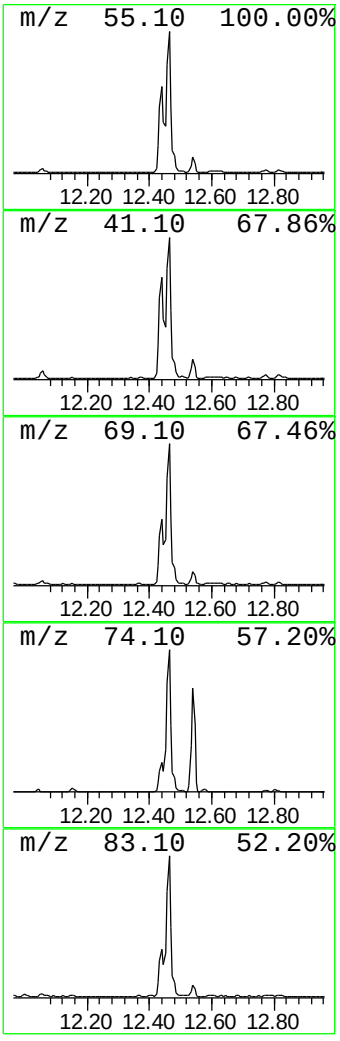
Peak Number 17 9-Octadecenoic acid (Z)-, m... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.46	103.46 ng	9088840	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	99
2	12-Octadecenoic acid, methyl ester	296	C19H36O2	056554-46-2	99
3	13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	99
4	14-Octadecenoic acid, methyl ester	296	C19H36O2	056554-48-4	99
5	16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	99





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Acq On : 26 Jan 2019 4:14
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Misc :
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Instrument : BNA_F
ClientSampleId : SU-04-012419-A

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
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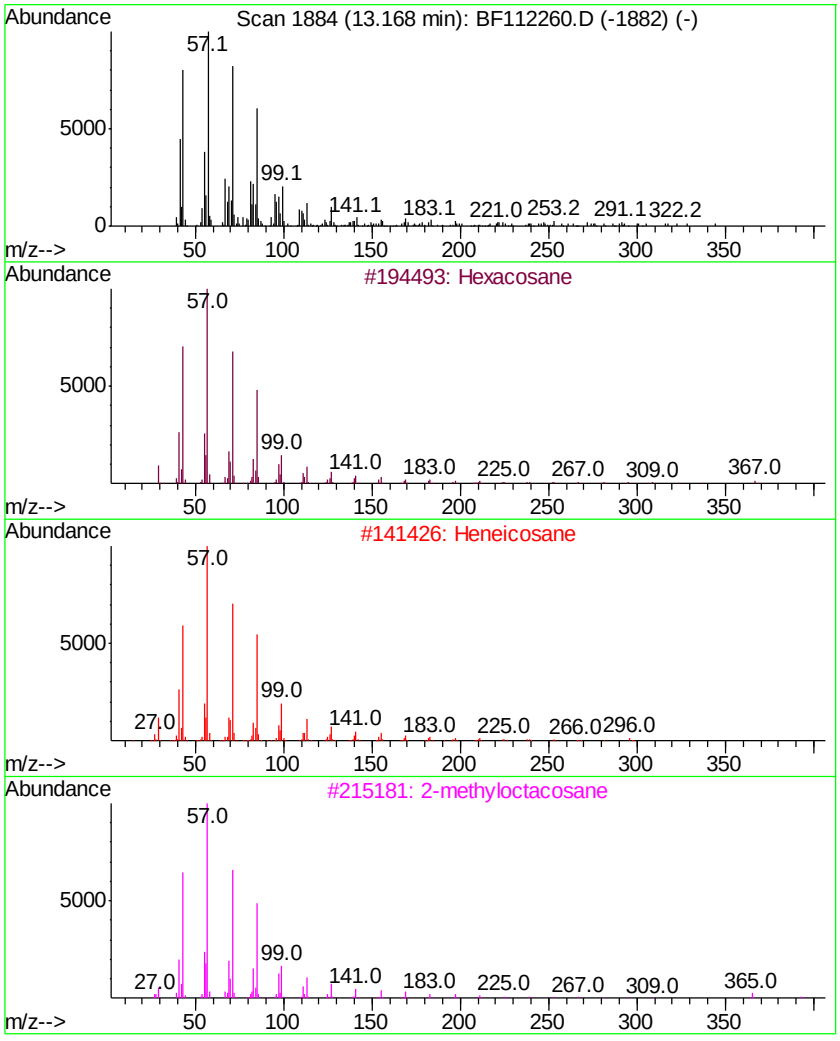
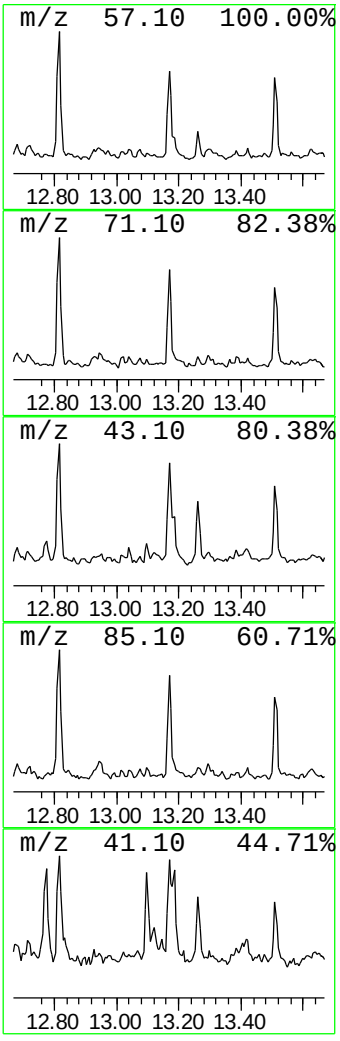
Peak Number 18 Hexacosane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.17	2.80 ng	264014	Chrysene-d12	14.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	87
2	Heneicosane	296	C21H44	000629-94-7	83
3	2-methyloctacosane	408	C29H60	1000376-72-8	83
4	10-Methylnonadecane	282	C20H42	056862-62-5	74
5	Tetratetracontane	619	C44H90	007098-22-8	70





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Misc :
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Instrument : BNA_F
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.M
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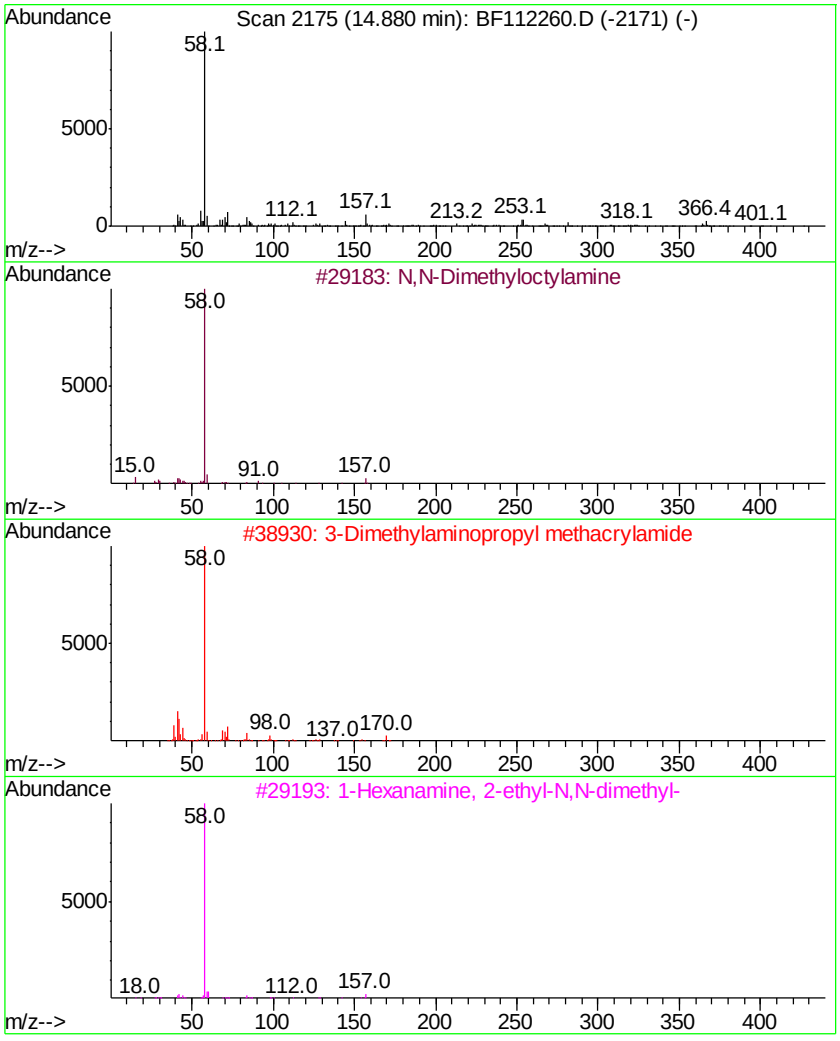
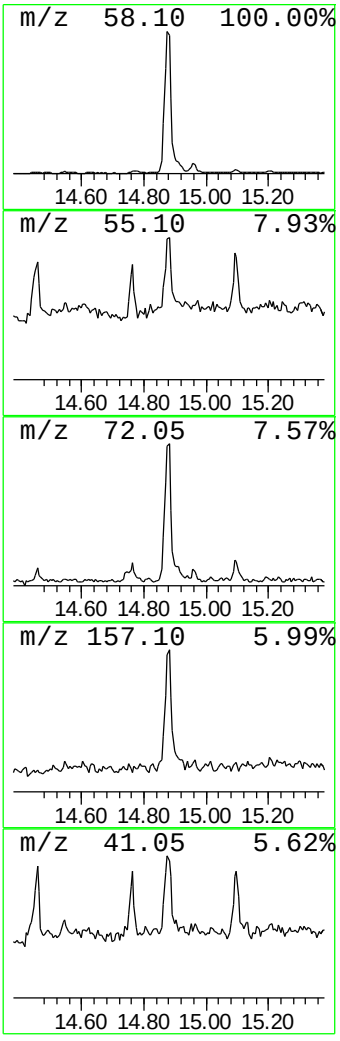
Peak Number 19 N,N-Dimethyloctylamine Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.88	5.86 ng	524910	Perylene-d12	15.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	N,N-Dimethyloctylamine	157	C10H23N	007378-99-6	59
2	3-Dimethylaminopropyl methacryla...	170	C9H18N2O	005205-93-6	59
3	1-Hexanamine, 2-ethyl-N,N-dimethyl-	157	C10H23N	028056-87-3	59
4	N,N-Dimethyl-3-tert-butoxypropyl...	159	C9H21NO	071126-68-6	59
5	1-Nonanamine, N,N-dimethyl-	171	C11H25N	017373-27-2	58





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

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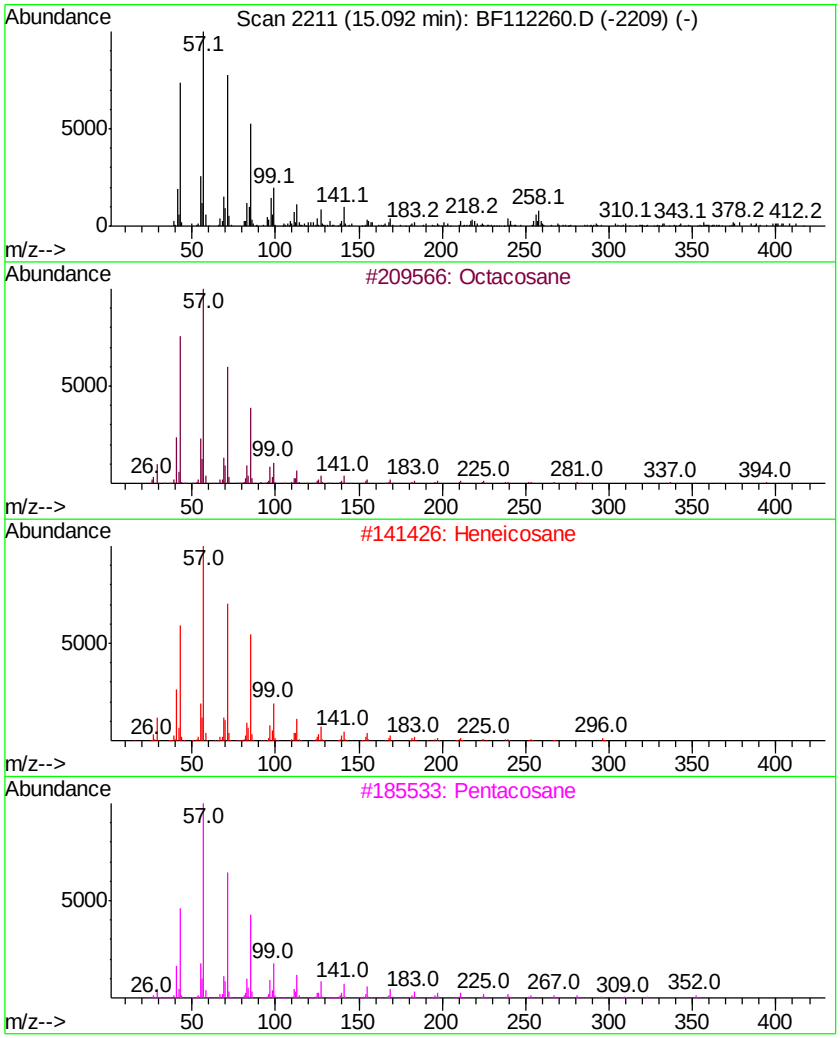
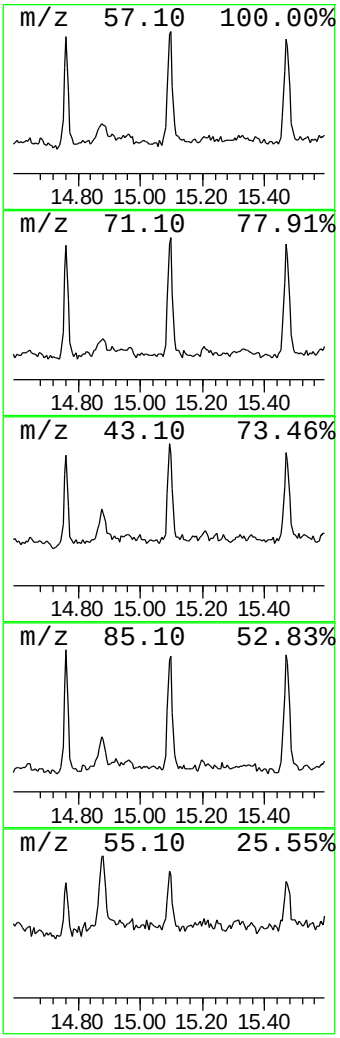
Peak Number 20 Octacosane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.09	3.26 ng	291511	Perylene-d12	15.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	93
2	Heneicosane	296	C21H44	000629-94-7	87
3	Pentacosane	352	C25H52	000629-99-2	83
4	Triacontane	422	C30H62	000638-68-6	83
5	Tridecane, 3-methyl-	198	C14H30	006418-41-3	83





Tentatively Identified Compound (LSC) summary

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Data File : BF112260.D
Acq On : 26 Jan 2019 4:14
Operator : JU/SJ
Sample : K1015-13 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-04-012419-A

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	14.2	ng	1008550	1	6.84	1417870	20.0
Tridecane	8.72	4.9	ng	581883	2	8.12	2364980	20.0
Tetradecane	9.28	7.4	ng	765797	3	9.88	2082130	20.0
Nonadecane	9.80	6.4	ng	670312	3	9.88	2082130	20.0
Hexadecane	10.30	7.5	ng	779873	3	9.88	2082130	20.0
Dodecane, 2-methy...	10.53	3.4	ng	353138	3	9.88	2082130	20.0
Hexadecane, 2,6,1...	11.26	3.6	ng	312929	4	11.36	1756910	20.0
Heneicosane	11.65	5.1	ng	450628	4	11.36	1756910	20.0
Hexadecanoic acid...	11.75	36.7	ng	3227090	4	11.36	1756910	20.0
Phenanthrene, 2-m...	11.89	2.8	ng	244832	4	11.36	1756910	20.0
Eicosane	12.06	4.6	ng	408030	4	11.36	1756910	20.0
9,12-Octadecadien...	12.44	99.3	ng	8727630	4	11.36	1756910	20.0
9-Octadecenoic ac...	12.46	103.5	ng	9088840	4	11.36	1756910	20.0
Hexacosane	13.17	2.8	ng	264014	5	14.00	1887440	20.0
N,N-Dimethyloctyl...	14.88	5.9	ng	524910	6	15.47	1790620	20.0
Octacosane	15.09	3.3	ng	291511	6	15.47	1790620	20.0