LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041819\
Data File : BF113834.D
Acq On : 18 Apr 2019 23:25
Operator : JU/SJ
Sample : K2197-05
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-01-041619-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-BF041819.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	5.516	578	583	586	rBV	2686139	2609329	18.47%	2.981%
2	6.516	747	753	756	rBV	2727862	2601814	18.42%	2.972%
3	6.663	773	778	781	rBV	3170115	2715698	19.23%	3.102%
4	6.892	814	817	821	rBV	1147239	996609	7.06%	1.138%
5	7.051	840	844	847	rBV	2623109	2167182	15.34%	2.476%
6	7.451	905	912	915	rBV	1629140	1616985	11.45%	1.847%
7	8.175	1030	1035	1038	rBV	1421789	1288151	9.12%	1.471%
8	8.681	1117	1121	1124	rBV2	184171	170232	1.21%	0.194%
9	8.775	1133	1137	1140	rBV2	272494	283350	2.01%	0.324%
10	8.998	1169	1175	1177	rBV3	152022	181899	1.29%	0.208%
11	9.251	1214	1218	1221	rBV	3104604	2691150	19.05%	3.074%
12	9.339	1229	1233	1236	rBV	398566	380586	2.69%	0.435%
13	9.504	1257	1261	1269	rBV7	96957	154220	1.09%	0.176%
14	9.639	1281	1284	1286	rBV	323700	302272	2.14%	0.345%
15	9.863	1315	1322	1327	rBV	513196	481785	3.41%	0.550%
16	9.928	1327	1333	1336	rBV2	1337046	1205564	8.54%	1.377%
17	10.363	1401	1407	1410	rBV	558048	497672	3.52%	0.568%
18	10.586	1439	1445	1450	rBV	208880	298021	2.11%	0.340%
19	10.710	1462	1466	1469	rBV	1947721	1649521	11.68%	1.884%
20	10.833	1485	1487	1489	rBV	490353	454156	3.22%	0.519%
21	11.286	1560	1564	1566	rBV	452810	386553	2.74%	0.442%
22	11.316	1566	1569	1574	rVB2	210383	235650	1.67%	0.269%
23	11.410	1581	1585	1587	rBV	1410407	1157551	8.20%	1.322%
24	11.433	1587	1589	1592	rVV	736103	544477	3.85%	0.622%
25	11.480	1592	1597	1602	rVB	170023	189975	1.34%	0.217%
26	11.710	1633	1636	1638	rBV	497712	396115	2.80%	0.452%
27	11.733	1638	1640	1643	rVB2	292869	257341	1.82%	0.294%
28	11.810	1649	1653	1657	rBV	6253694	5911541	41.85%	6.753%
29	11.939	1672	1675	1679	rVB	641397	516555	3.66%	0.590%
30	12.022	1686	1689	1692	rBV	191040	177218	1.25%	0.202%
31	12.116	1702	1705	1714	rVB	423296	451961	3.20%	0.516%
32	12.210	1718	1721	1729	rVV4	167561	226434	1.60%	0.259%
33	12.510	1766	1772	1773	rVV2	9145824	13895153	98.37%	15.872%
34	12.533	1773	1776	1781	rVV3	9859794	14124680	100.00%	16.134%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041819\
Data File : BF113834.D
Acq On : 18 Apr 2019 23:25
Operator : JU/SJ
Sample : K2197-05
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-01-041619-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-BF041819.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.569	1781	1782	1784	rVV	322597	219148	1.55%	0.250%
36	12.604	1784	1788	1790	rVV	3549002	3287545	23.28%	3.755%
37	12.621	1790	1791	1795	rVV2	1462800	1827915	12.94%	2.088%
38	12.657	1795	1797	1805	rVV	1803273	1945618	13.77%	2.222%
39	12.721	1806	1808	1815	rVB3	282335	347794	2.46%	0.397%
40	12.851	1824	1830	1833	rBV	1203245	1345073	9.52%	1.536%
41	12.874	1833	1834	1840	rVB2	299280	240853	1.71%	0.275%
42	12.998	1851	1855	1858	rVV	3691002	3058481	21.65%	3.494%
43	13.080	1863	1869	1870	rBV3	132597	215855	1.53%	0.247%
44	13.157	1880	1882	1884	rBV2	182300	189219	1.34%	0.216%
45	13.180	1884	1886	1892	rVB2	381429	424323	3.00%	0.485%
46	13.245	1892	1897	1900	rVB2	749305	909371	6.44%	1.039%
47	13.321	1908	1910	1917	rVV2	484361	723113	5.12%	0.826%
48	13.380	1917	1920	1922	rVB2	321926	297830	2.11%	0.340%
49	13.416	1922	1926	1929	rBV2	216434	234283	1.66%	0.268%
50	13.492	1935	1939	1942	rVB4	297141	316146	2.24%	0.361%
51	13.574	1950	1953	1956	rBV	268026	209611	1.48%	0.239%
52	13.886	2003	2006	2007	rBV2	300179	258566	1.83%	0.295%
53	13.992	2021	2024	2028	rBV	658287	579570	4.10%	0.662%
54	14.045	2028	2033	2036	rVV2	1791563	2325759	16.47%	2.657%
55	14.068	2036	2037	2045	rVB	631223	509042	3.60%	0.581%
56	14.215	2059	2062	2067	rVB2	303646	340498	2.41%	0.389%
57	14.498	2108	2110	2112	rBV2	211779	214607	1.52%	0.245%
58	14.521	2112	2114	2117	rVB2	464743	380691	2.70%	0.435%
59	14.610	2126	2129	2136	rBV5	326267	470914	3.33%	0.538%
60	14.833	2164	2167	2170	rBV	297962	304992	2.16%	0.348%
61	14.951	2182	2187	2197	rVB	972946	1552124	10.99%	1.773%
62	15.086	2206	2210	2213	rBV	459652	724270	5.13%	0.827%
63	15.174	2222	2225	2235	rVB2	416471	696250	4.93%	0.795%
64	15.392	2259	2262	2266	rVB	288293	315129	2.23%	0.360%
65	15.451	2269	2272	2276	rVB	366188	423604	3.00%	0.484%
66	15.515	2279	2283	2287	rBV	905232	1085724	7.69%	1.240%
67	16.004	2363	2366	2370	rBV	251452	352040	2.49%	0.402%

Sum of corrected areas: 87543358

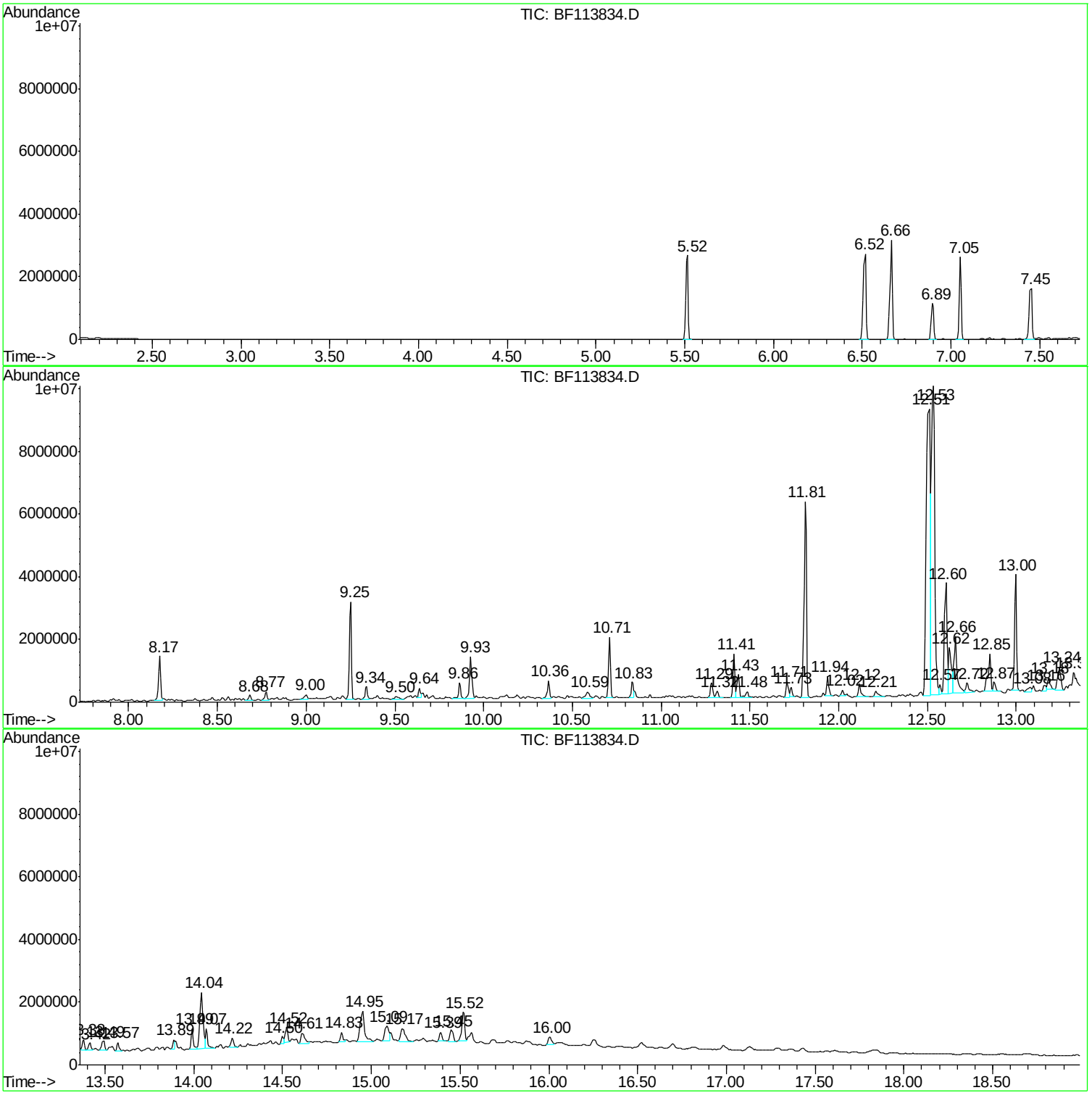
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041819\
Data File : BF113834.D
Acq On : 18 Apr 2019 23:25
Operator : JU/SJ
Sample : K2197-05
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CL-01-041619-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041819.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\BF041819\
Data File : BF113834.D
Acq On : 18 Apr 2019 23:25
Operator : JU/SJ
Sample : K2197-05
Misc :
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Instrument : BNA_F
ClientSampleId : CL-01-041619-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

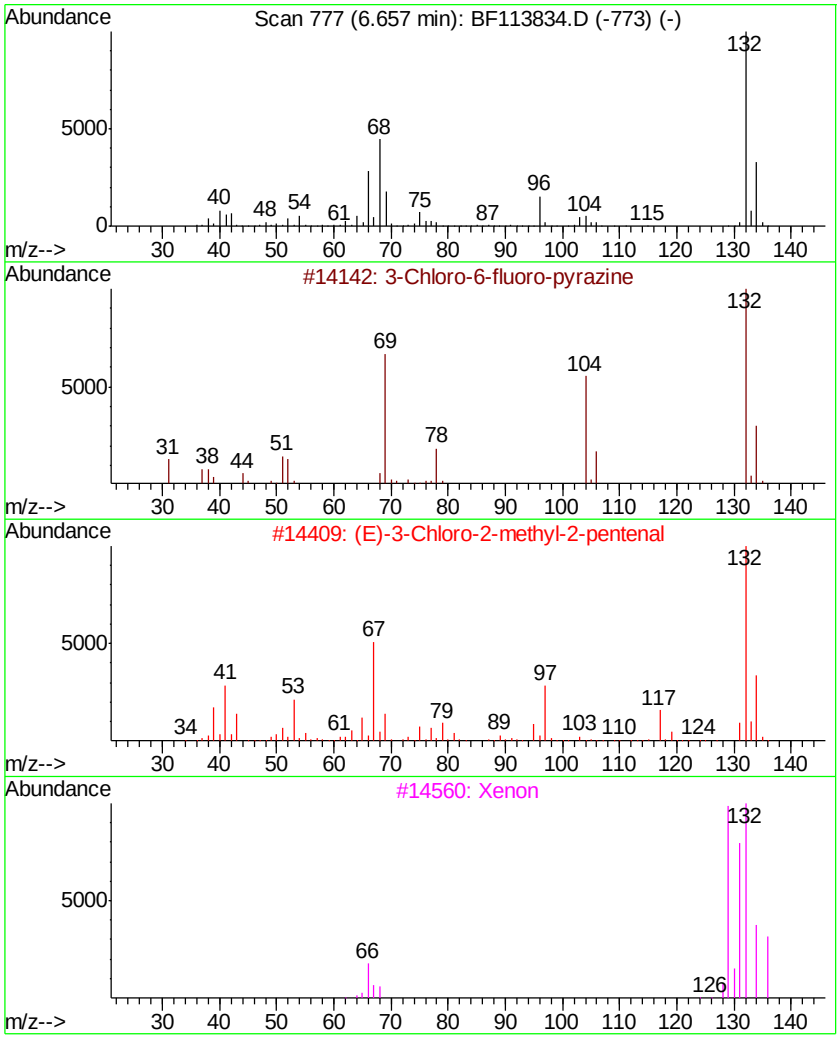
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

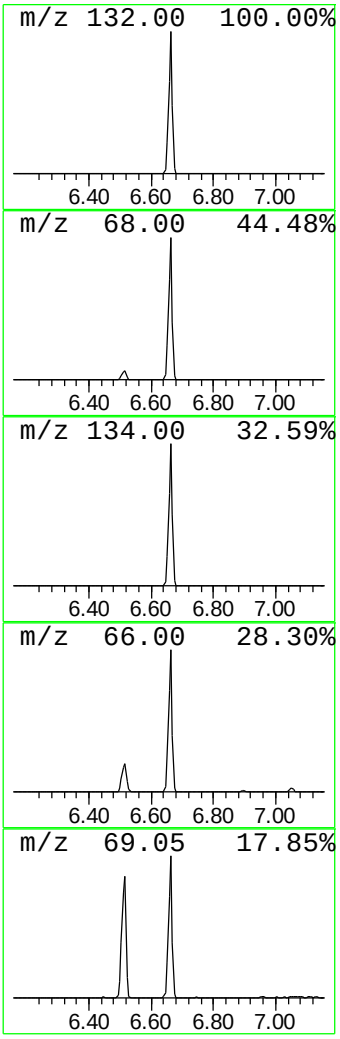
****

Peak Number 1 unknown6.66 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.66	54.50 ng	2715700	1,4-Dichlorobenzene-d4	6.89

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	16
3	Xenon	132	Xe	007440-63-3	9
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041819\
Data File : BF113834.D
Acq On : 18 Apr 2019 23:25
Operator : JU/SJ
Sample : K2197-05
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-01-041619-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

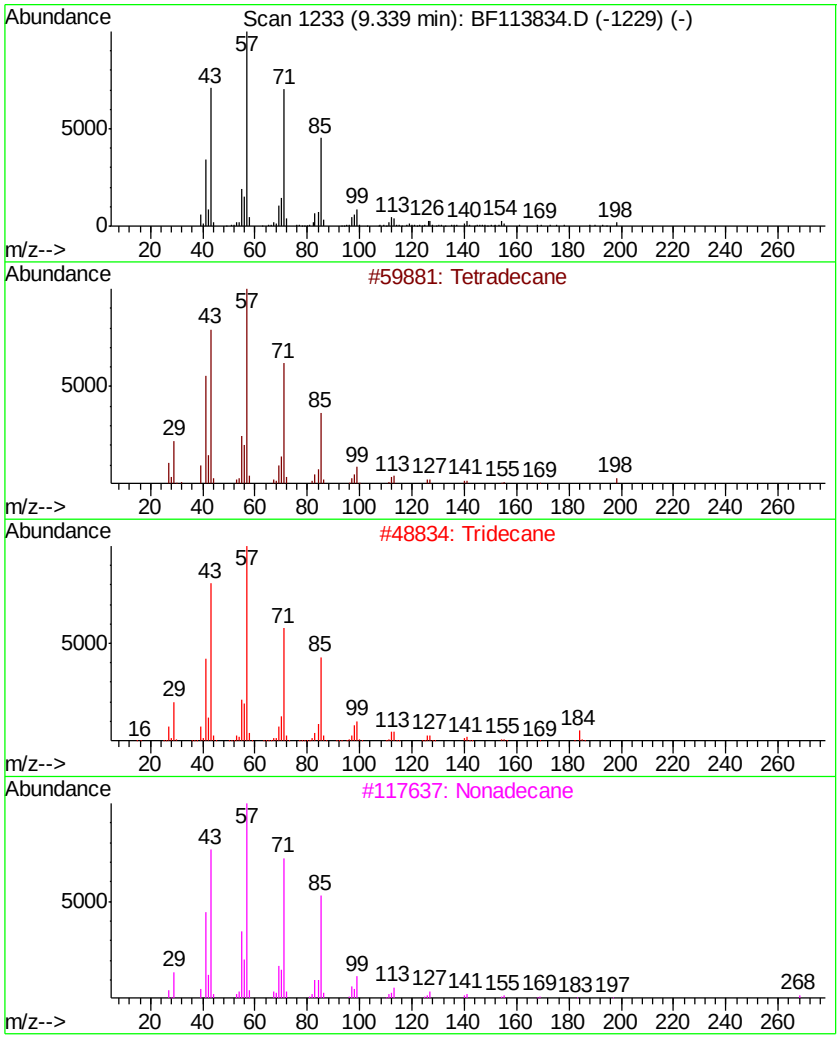
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

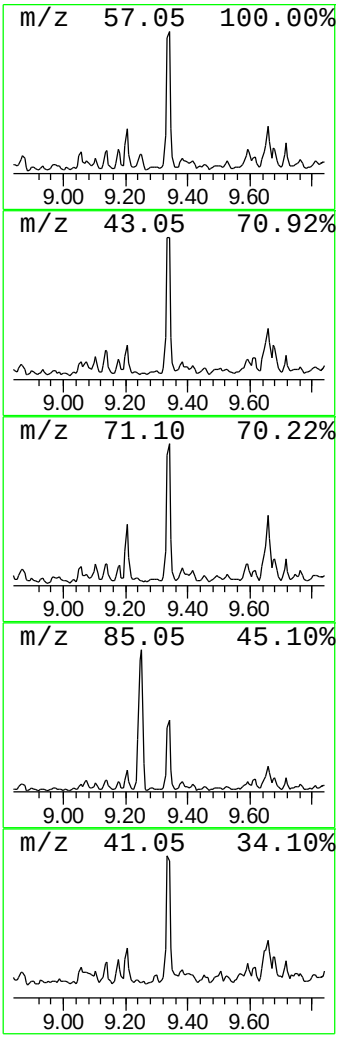
****

Peak Number 3 Tetradecane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.34	6.31 ng	380586	Acenaphthene-d10	9.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	96
2	Tridecane	184	C13H28	000629-50-5	90
3	Nonadecane	268	C19H40	000629-92-5	86
4	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	86
5	Hexadecane	226	C16H34	000544-76-3	86





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041819\
Data File : BF113834.D
Acq On : 18 Apr 2019 23:25
Operator : JU/SJ
Sample : K2197-05
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-01-041619-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041819.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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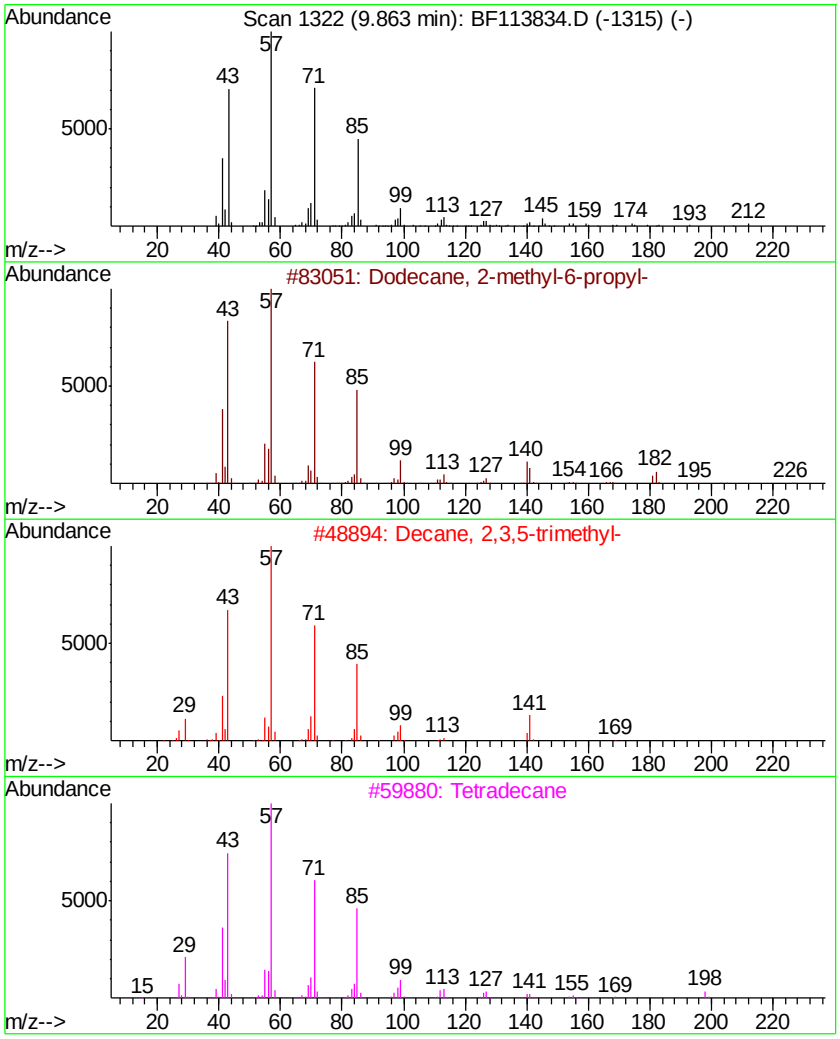
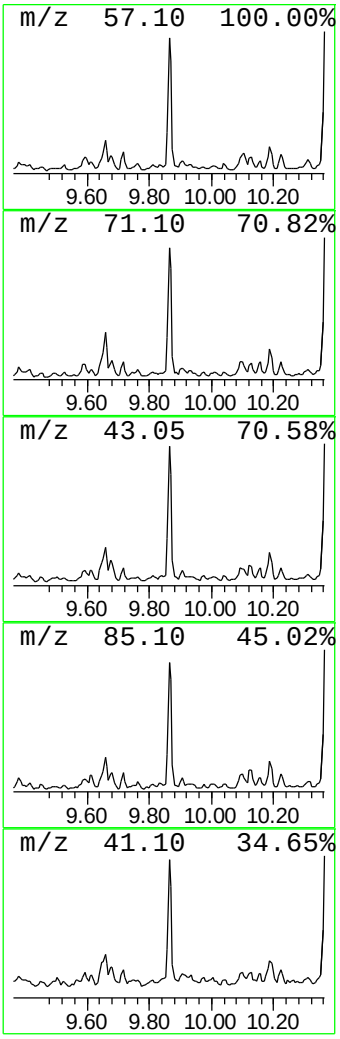
Peak Number 4 Dodecane, 2-methyl-6-propyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.86	7.99 ng	481785	Acenaphthene-d10	9.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86
2	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	86
3	Tetradecane	198	C14H30	000629-59-4	86
4	Decane, 3-bromo-	220	C10H21Br	030571-71-2	64
5	Nonane, 5-butyl-	184	C13H28	017312-63-9	64





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041819\
Data File : BF113834.D
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Sample : K2197-05
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-01-041619-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041819.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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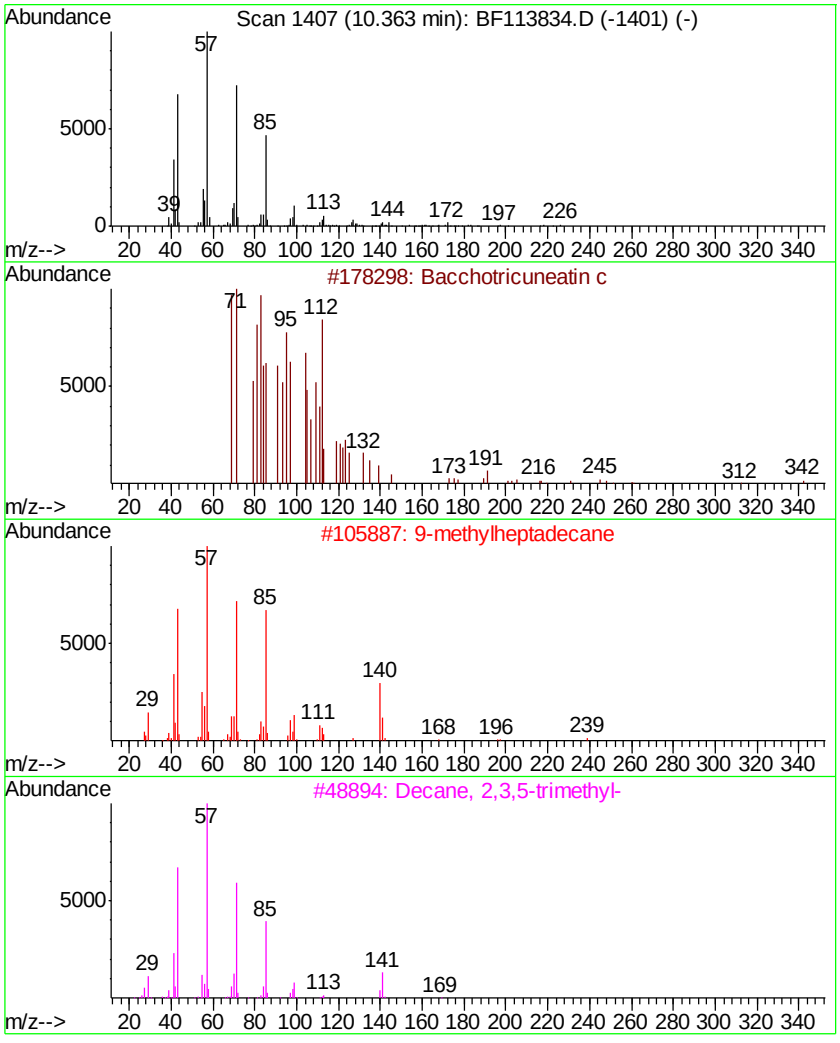
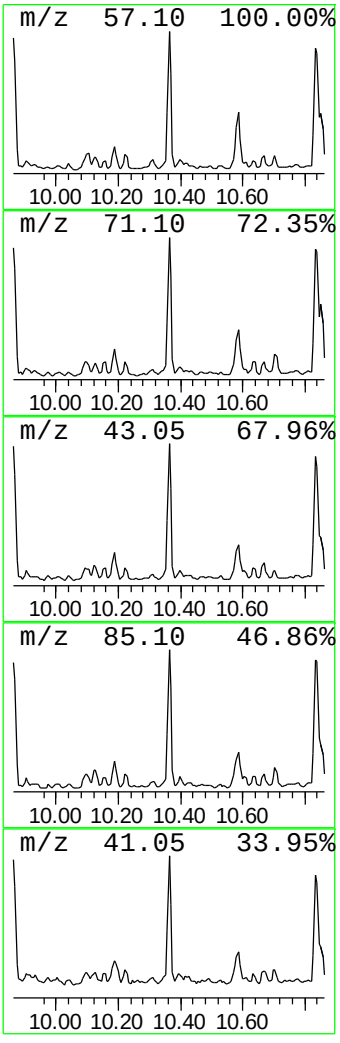
Peak Number 5 Bacchotricuneatin c Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.36	8.26 ng	497672	Acenaphthene-d10	9.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bacchotricuneatin c	342	C20H22O5	066563-30-2	98
2	9-methylheptadecane	254	C18H38	026741-18-4	90
3	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	90
4	Tridecane	184	C13H28	000629-50-5	86
5	Tetradecane	198	C14H30	000629-59-4	86





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041819\
Data File : BF113834.D
Acq On : 18 Apr 2019 23:25
Operator : JU/SJ
Sample : K2197-05
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-01-041619-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041819.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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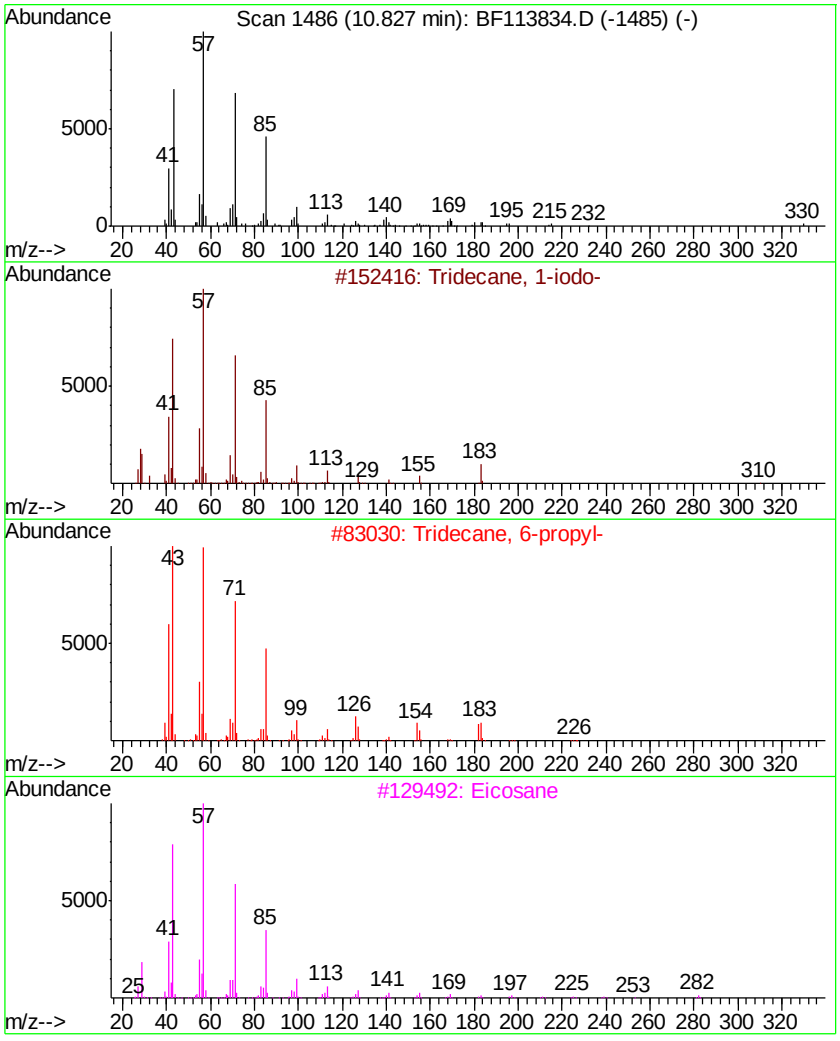
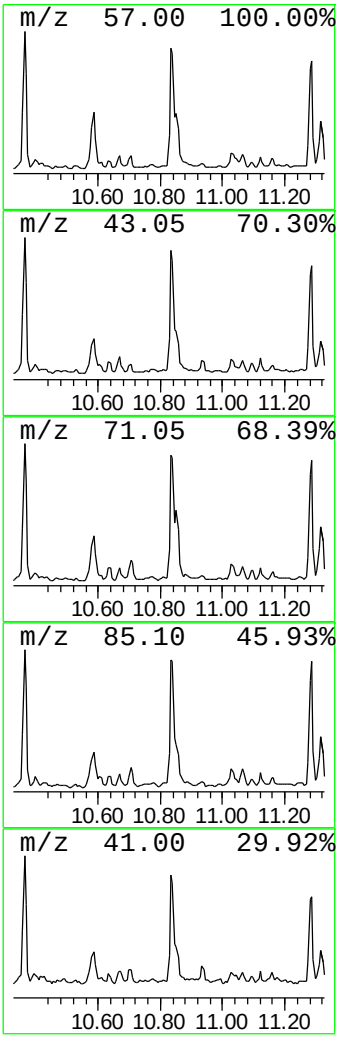
Peak Number 6 Tridecane, 1-iodo- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.83	7.85 ng	454156	Phenanthrene-d10	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	90
2	Tridecane, 6-propyl-	226	C16H34	055045-10-8	90
3	Eicosane	282	C20H42	000112-95-8	86
4	Undecane, 4,8-dimethyl-	184	C13H28	017301-33-6	80
5	Heptacosane	380	C27H56	000593-49-7	80





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041819\
Data File : BF113834.D
Acq On : 18 Apr 2019 23:25
Operator : JU/SJ
Sample : K2197-05
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-01-041619-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041819.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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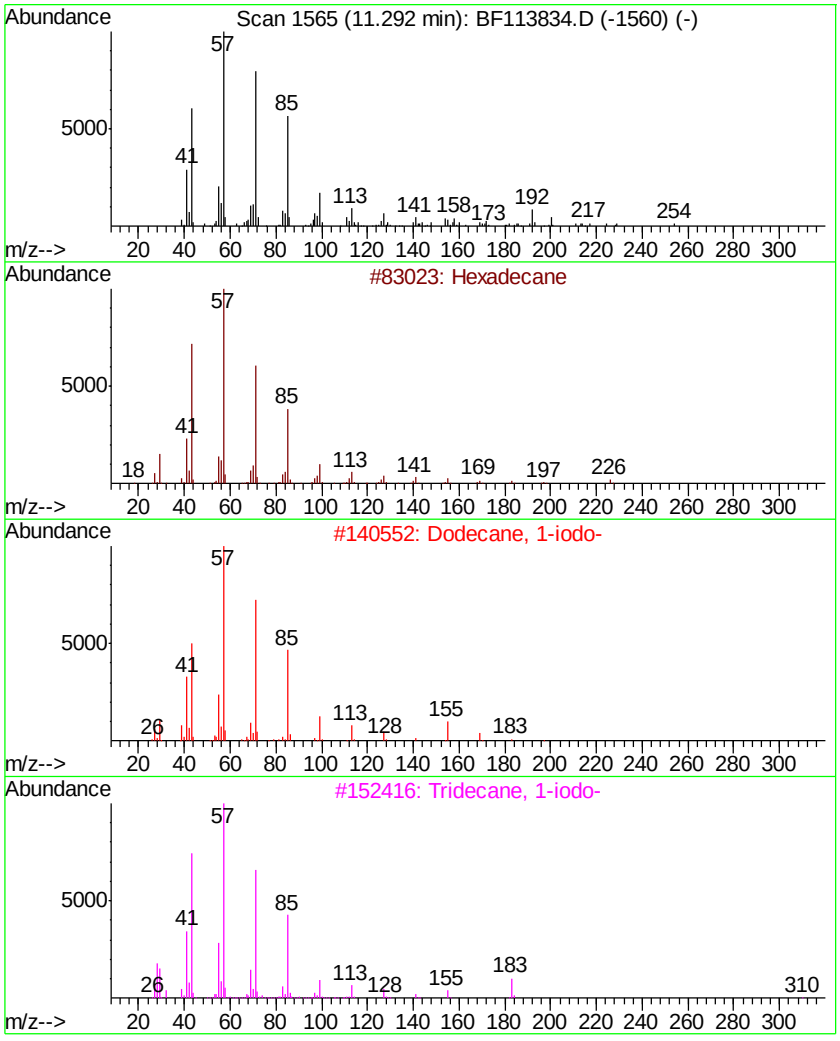
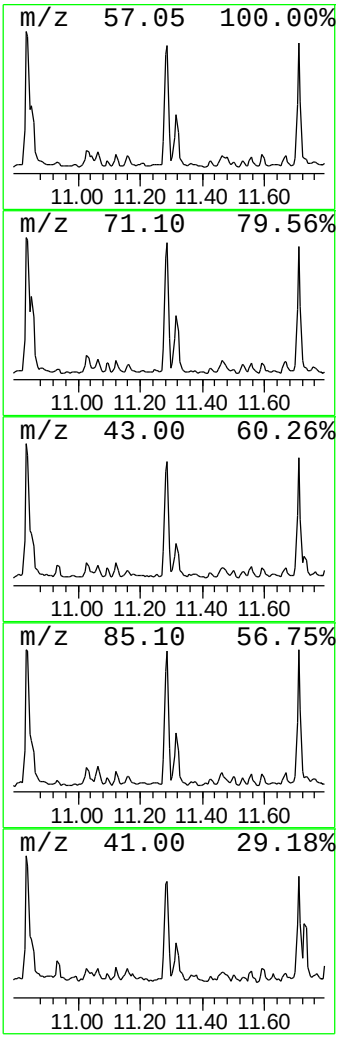
Peak Number 7 Hexadecane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.29	6.68 ng	386553	Phenanthrene-d10	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	90
2	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	86
3	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	86
4	Hexadecane, 7,9-dimethyl-	254	C18H38	021164-95-4	76
5	Heptadecane	240	C17H36	000629-78-7	62





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041819\
Data File : BF113834.D
Acq On : 18 Apr 2019 23:25
Operator : JU/SJ
Sample : K2197-05
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-01-041619-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

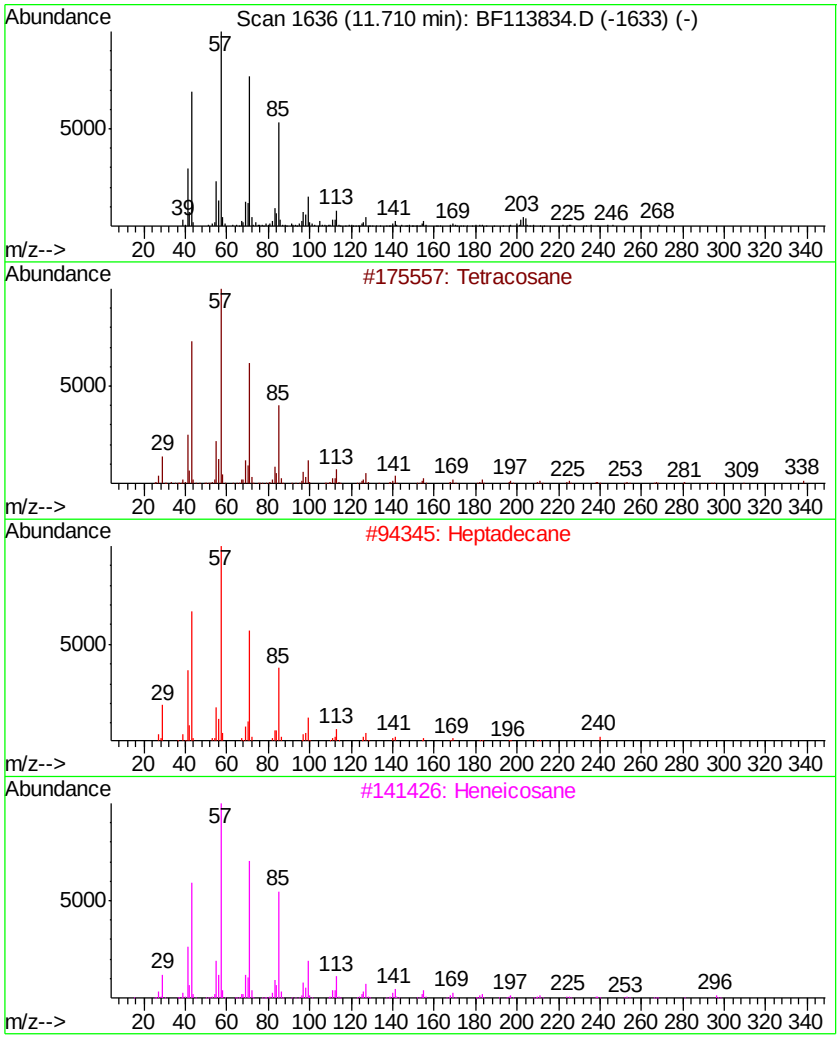
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

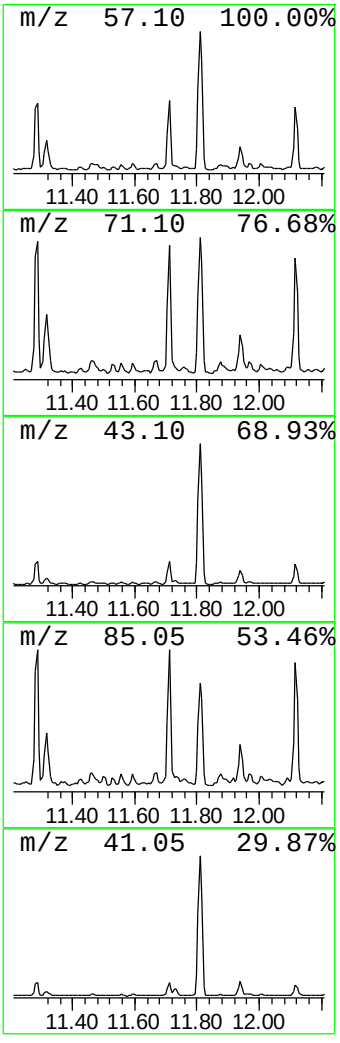
****

Peak Number 8 Tetracosane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.71	6.84 ng	396115	Phenanthrene-d10	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	91
2	Heptadecane	240	C17H36	000629-78-7	90
3	Heneicosane	296	C21H44	000629-94-7	90
4	Tridecane, 7-propyl-	226	C16H34	055045-09-5	87
5	Nonadecane	268	C19H40	000629-92-5	86





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Acq On : 18 Apr 2019 23:25
Operator : JU/SJ
Sample : K2197-05
Misc :
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Instrument : BNA_F
ClientSampleId : CL-01-041619-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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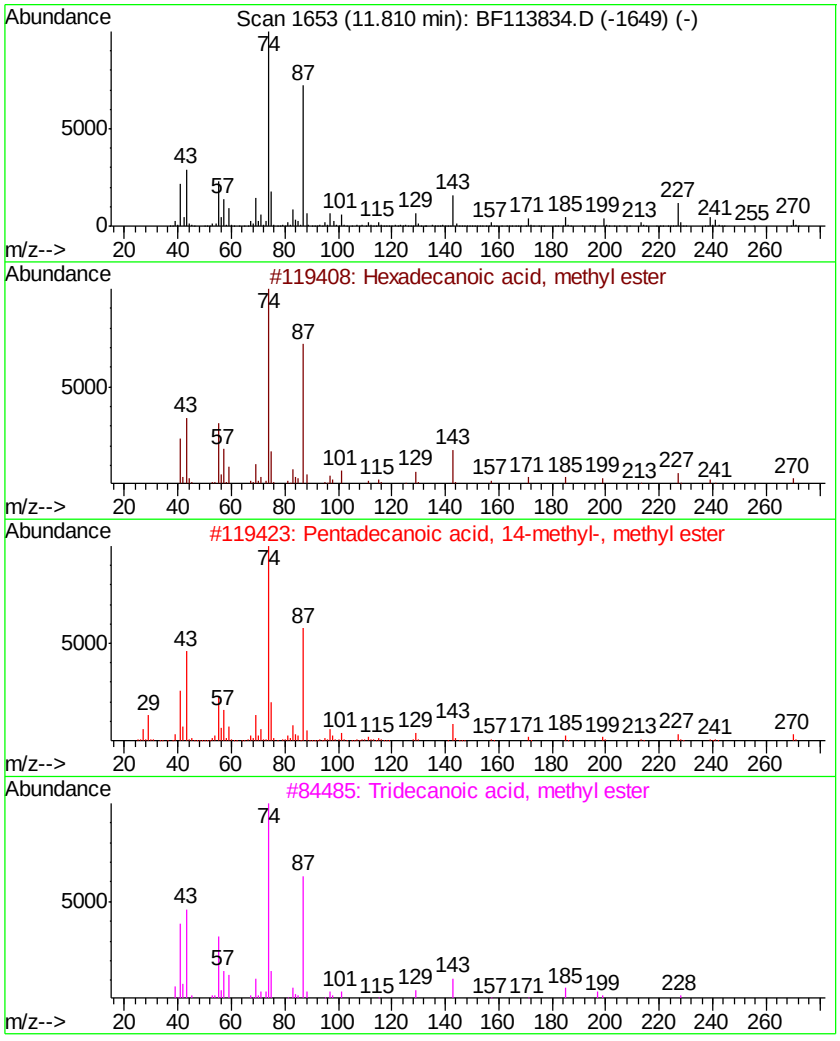
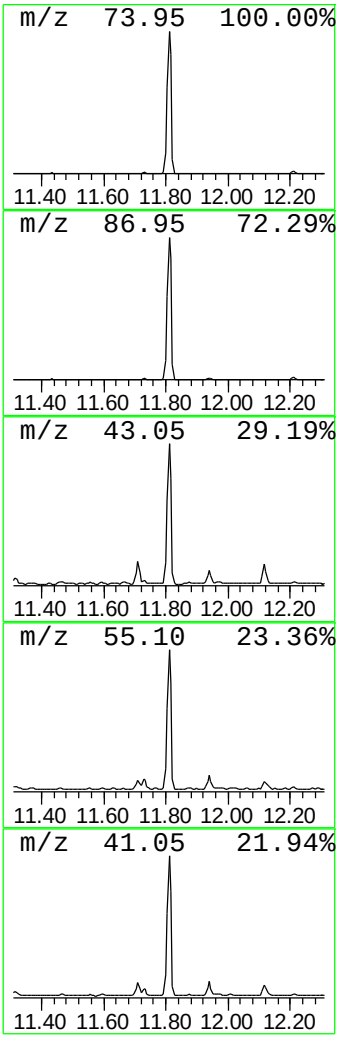
Peak Number 9 Hexadecanoic acid, methyl e... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.81	102.14 ng	5911540	Phenanthrene-d10	11.41

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	96
3	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	87
4	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	86
5	Hexadecanoic acid, 2-methyl-	270	C17H34O2	027147-71-3	80





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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

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

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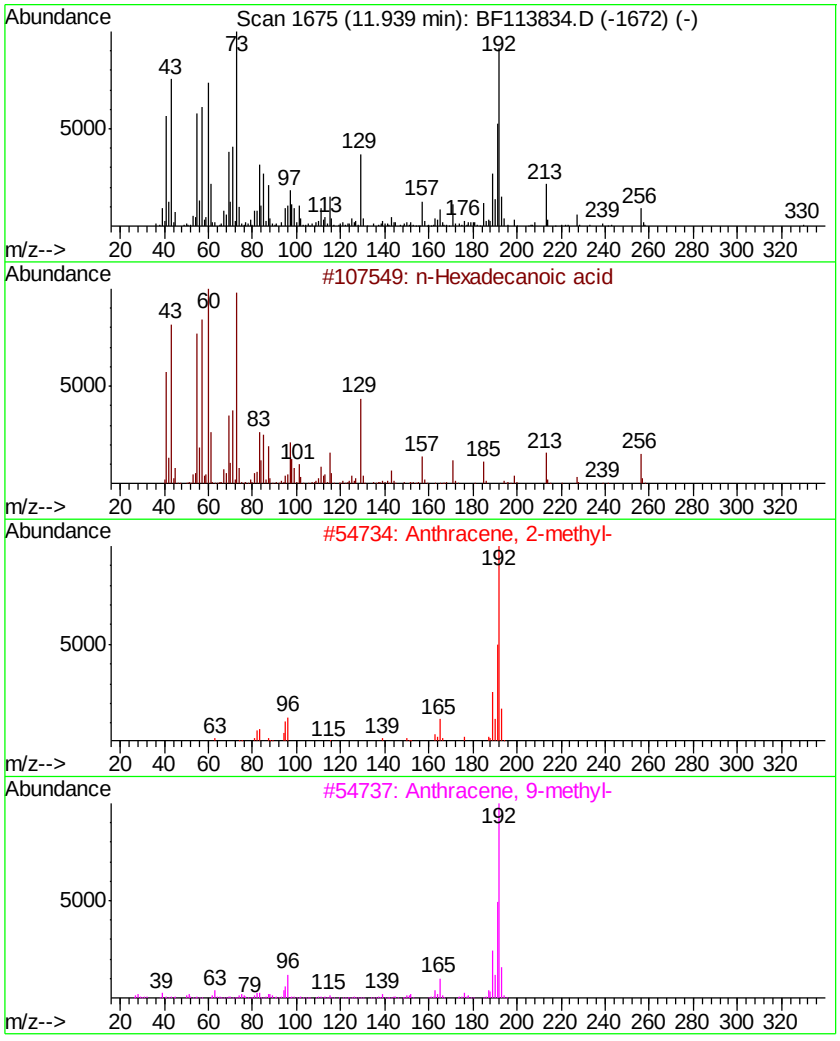
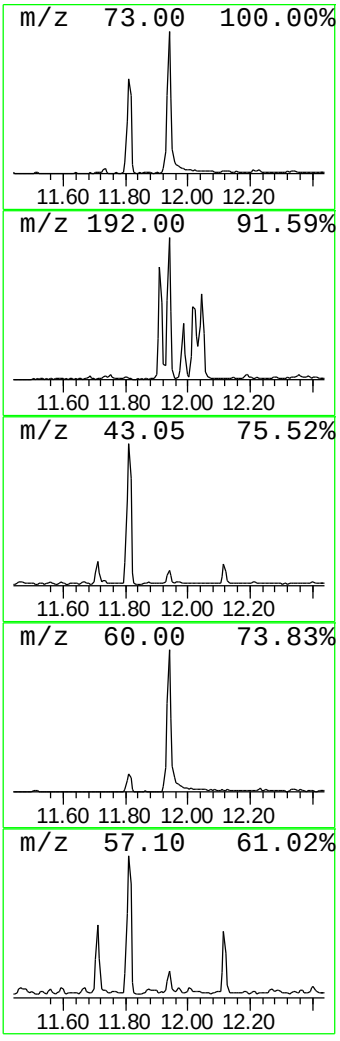
Peak Number 10 n-Hexadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.94	8.92 ng	516555	Phenanthrene-d10	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	66





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ClientSampleId : CL-01-041619-A

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

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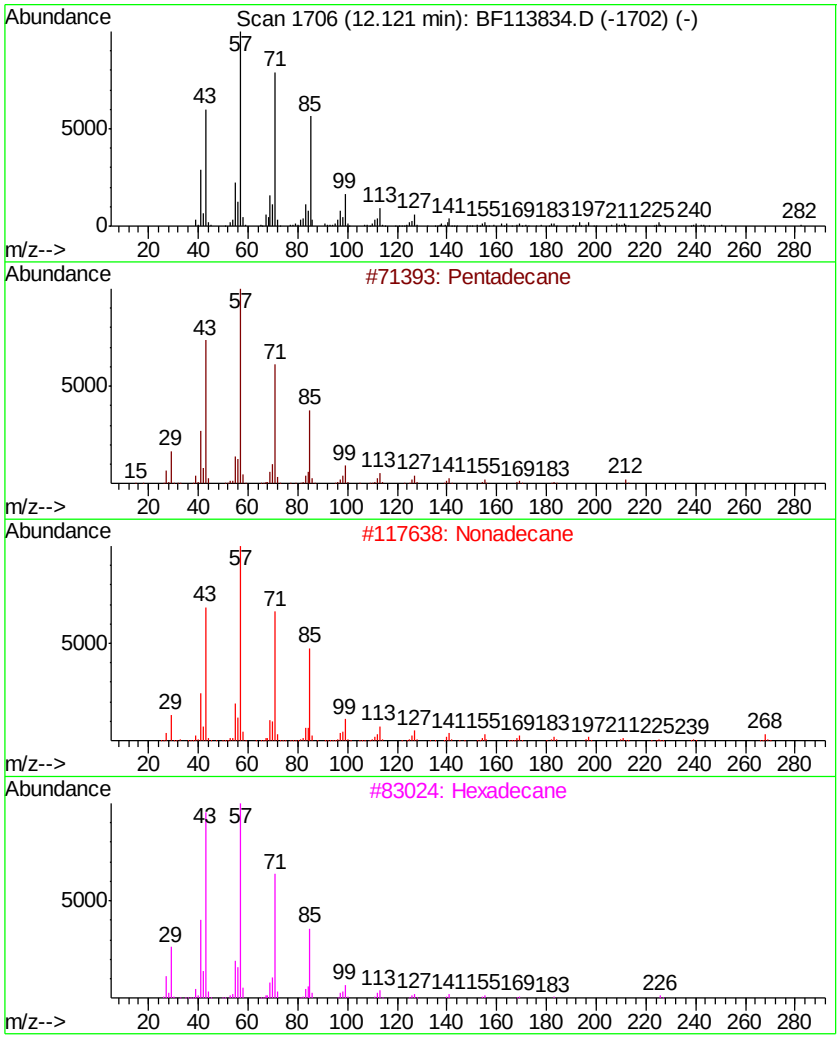
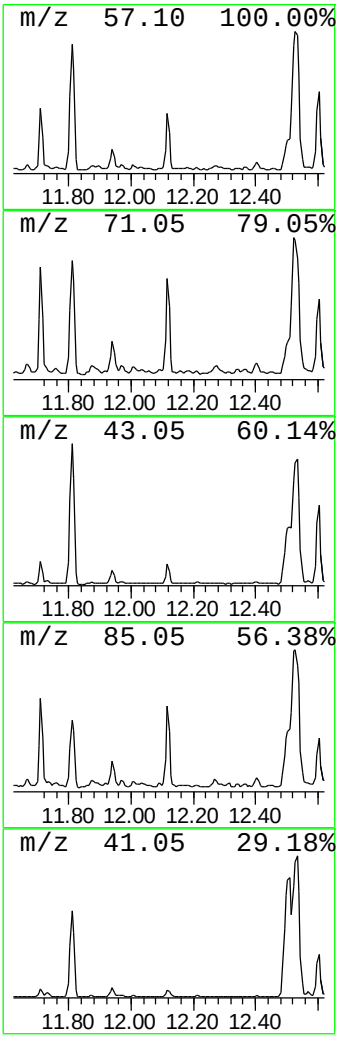
Peak Number 11 Pentadecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.12	7.81 ng	451961	Phenanthrene-d10	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	92
2	Nonadecane	268	C19H40	000629-92-5	90
3	Hexadecane	226	C16H34	000544-76-3	90
4	Eicosane	282	C20H42	000112-95-8	87
5	Heptacosane	380	C27H56	000593-49-7	80





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ClientSampleId : CL-01-041619-A

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TIC Integration Parameters: LSCINT.P

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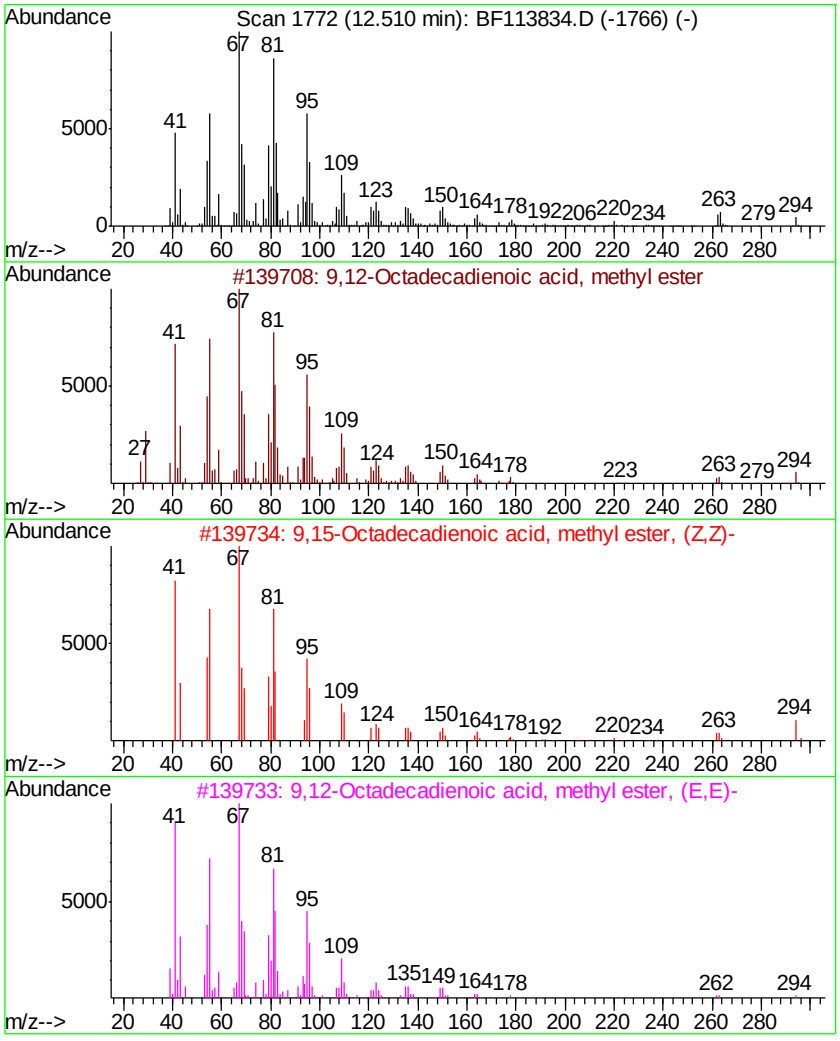
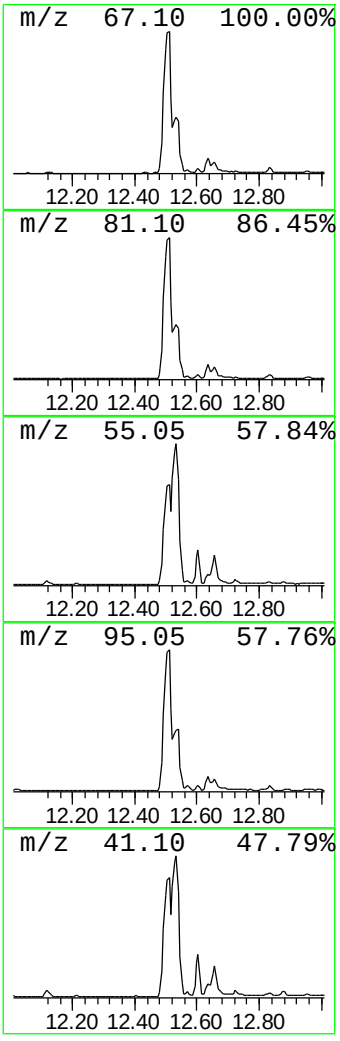
Peak Number 12 9,12-Octadecadienoic acid, ... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.51	240.08 ng	13895200	Phenanthrene-d10	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99
2	9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	99
3	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
4	8,11-Octadecadienoic acid, methy...	294	C19H34O2	056599-58-7	99
5	Methyl 9-cis,11-trans-octadecadi...	294	C19H34O2	1000336-44-0	99





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ClientSampleId : CL-01-041619-A

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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TIC Integration Parameters: LSCINT.P

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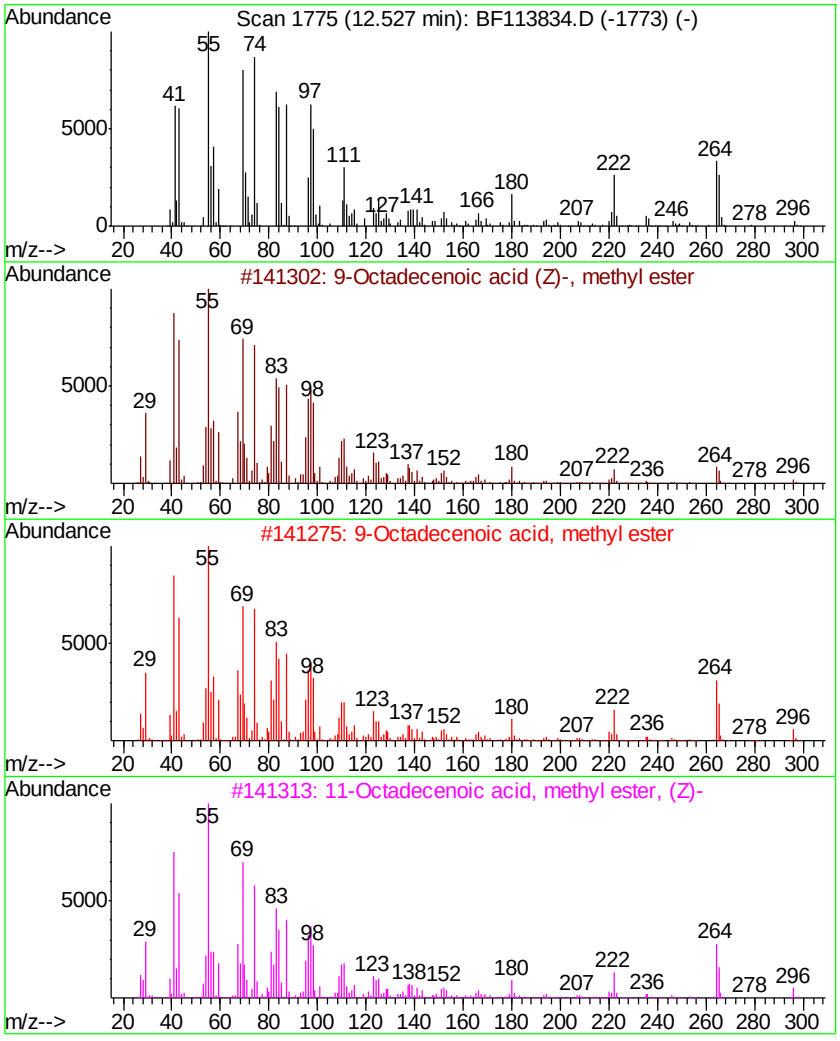
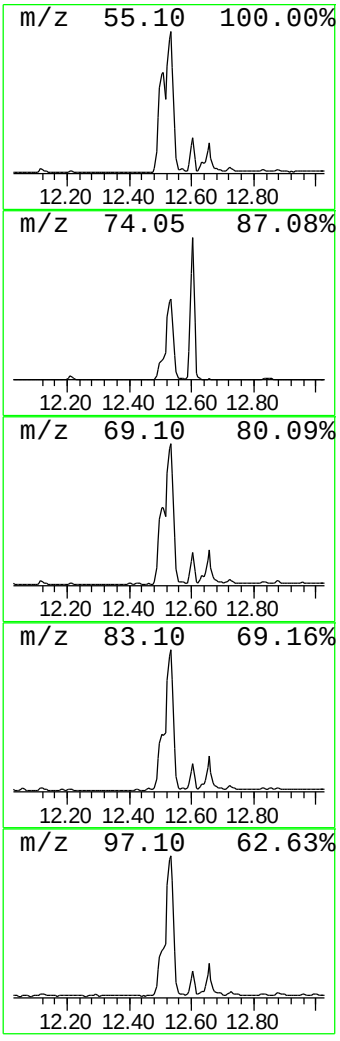
Peak Number 13 9-Octadecenoic acid (Z)-, m... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.53	244.04 ng	14124700	Phenanthrene-d10	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	83
2	9-Octadecenoic acid, methyl ester	296	C19H36O2	002462-84-2	74
3	11-Octadecenoic acid, methyl est...	296	C19H36O2	001937-63-9	68
4	8-Octadecenoic acid, methyl ester	296	C19H36O2	002345-29-1	64
5	cis-13-Octadecenoic acid, methyl...	296	C19H36O2	1000333-58-3	58





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Sample : K2197-05
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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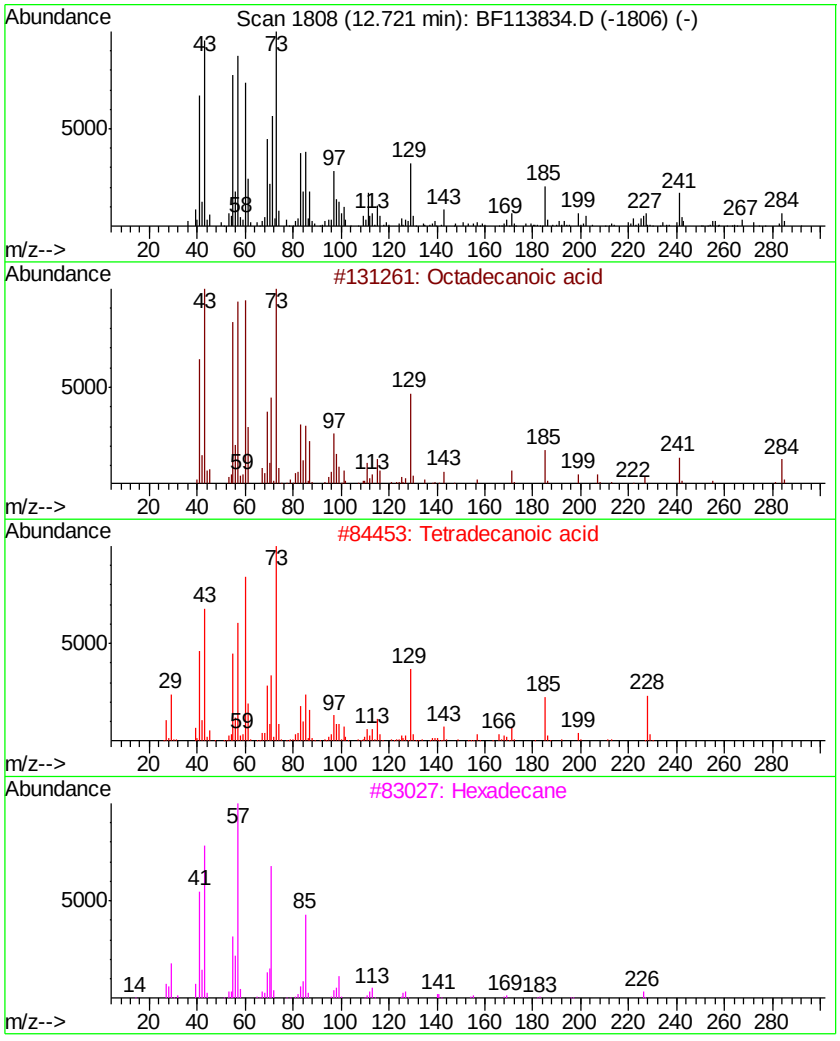
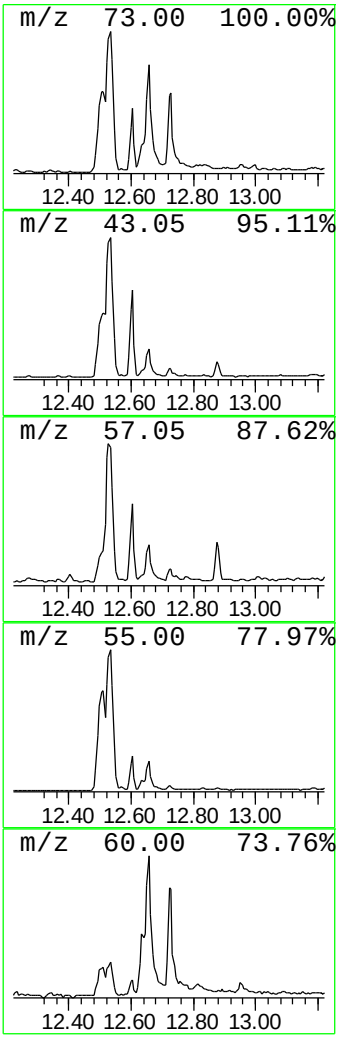
Peak Number 14 Octadecanoic acid Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.72	6.01 ng	347794	Phenanthrene-d10	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	95
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	68
3	Hexadecane	226	C16H34	000544-76-3	64
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	64
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	64





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Operator : JU/SJ
Sample : K2197-05
Misc :
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ClientSampleId : CL-01-041619-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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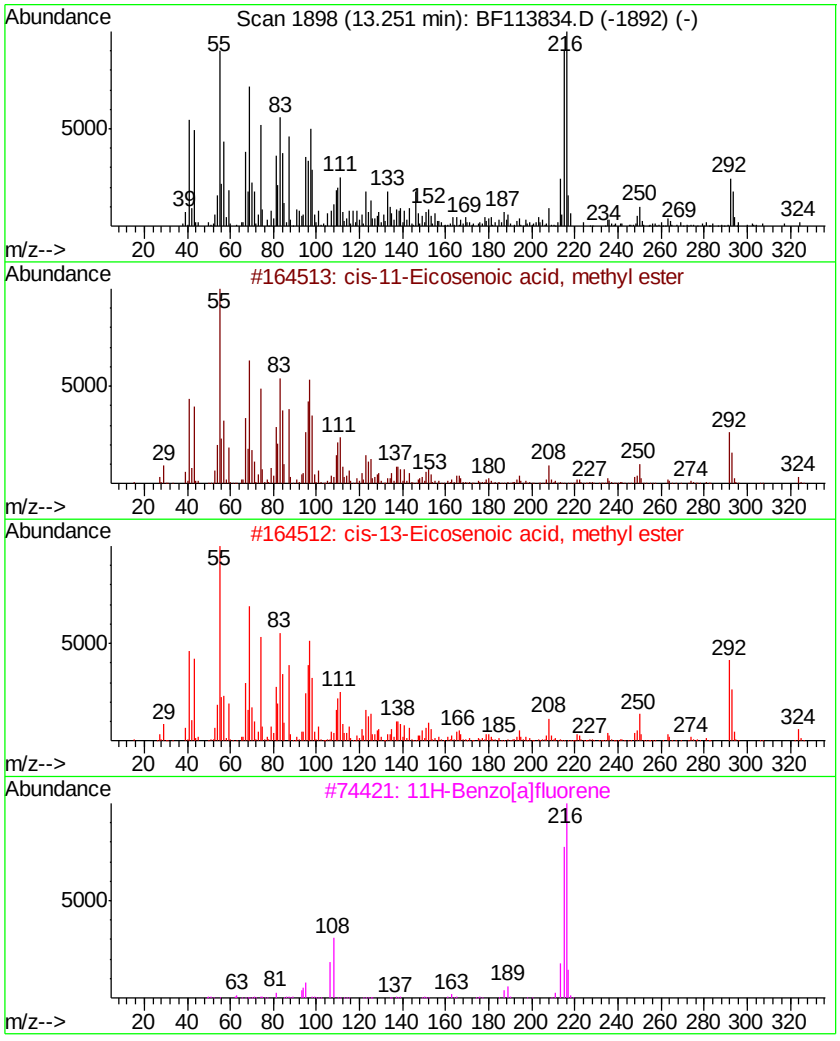
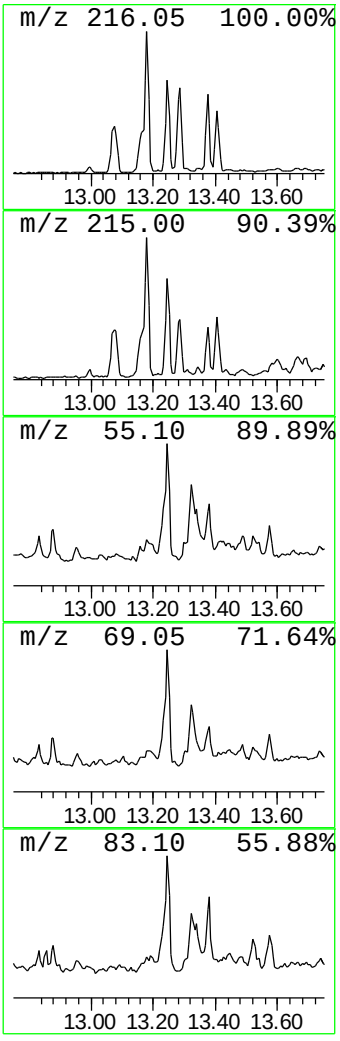
Peak Number 15 cis-11-Eicosenoic acid, met... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.25	7.82 ng	909371	Chrysene-d12	14.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	cis-11-Eicosenoic acid, methyl e...	324	C21H40O2	1000333-63-8	94
2	cis-13-Eicosenoic acid, methyl e...	324	C21H40O2	1000333-52-1	49
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	46
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	38
5	2-Propenoic acid, 2-methyl-, 1-m...	128	C7H12O2	004655-34-9	35





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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TIC Integration Parameters: LSCINT.P

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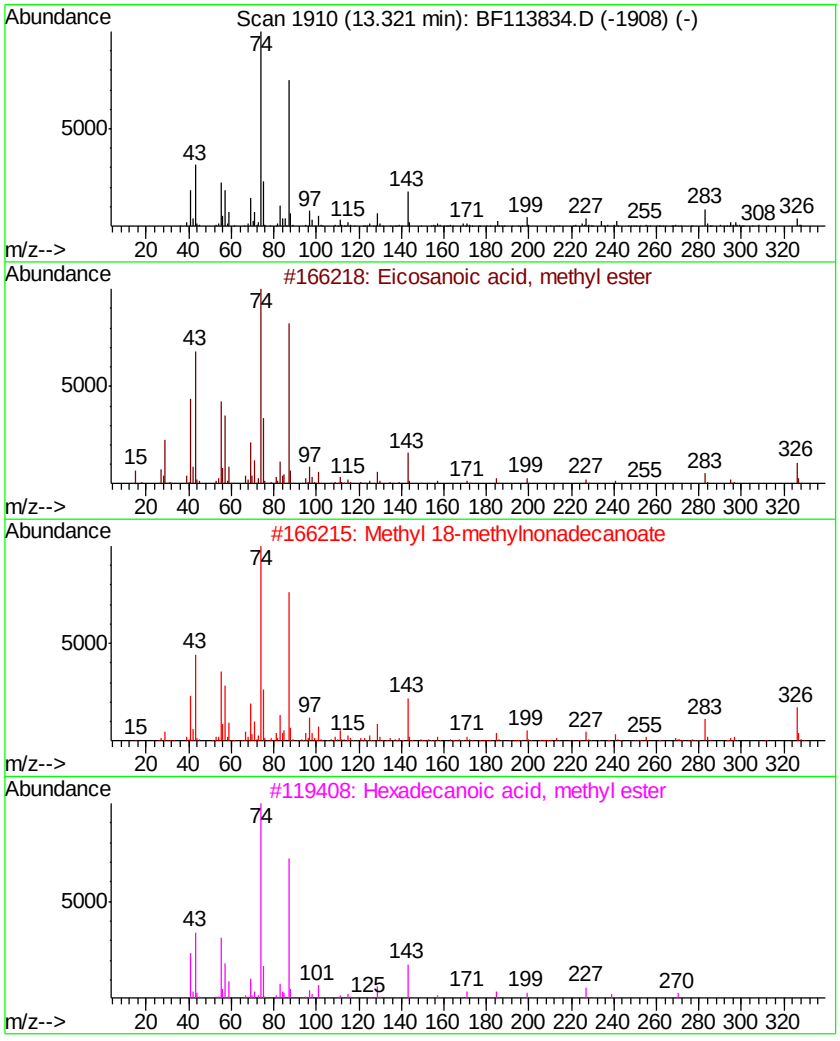
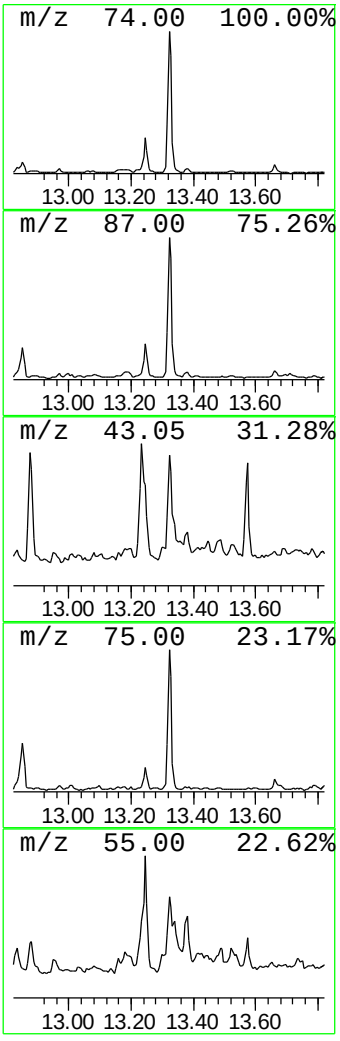
Peak Number 16 Eicosanoic acid, methyl ester Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.32	6.22 ng	723113	Chrysene-d12	14.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosanoic acid, methyl ester	326	C21H42O2	001120-28-1	97
2	Methyl 18-methylnonadecanoate	326	C21H42O2	1000352-20-6	95
3	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	91
4	Methyl stearate	298	C19H38O2	000112-61-8	90
5	Nonadecanoic acid, methyl ester	312	C20H40O2	001731-94-8	90





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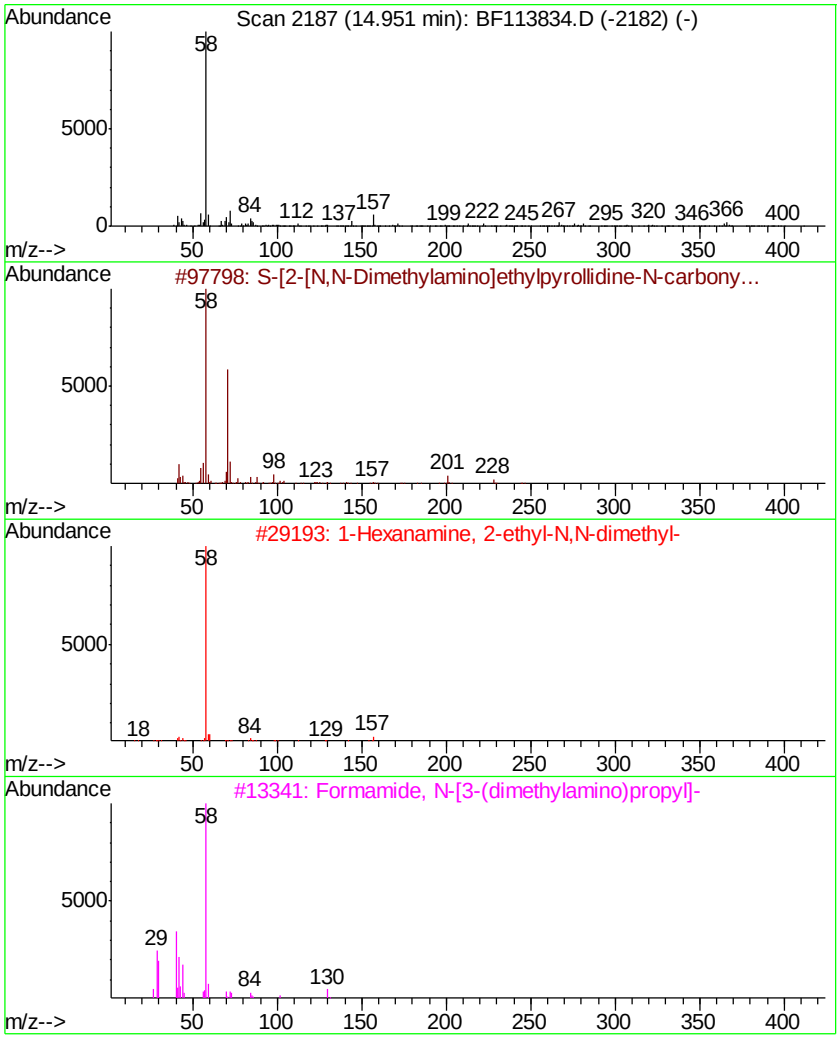
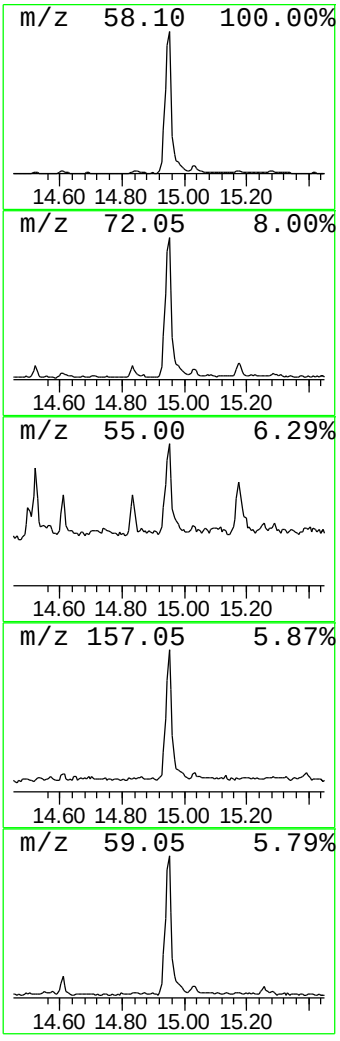
Peak Number 17 S-[2-[N,N-Dimethylamino]eth... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.95	28.59 ng	1552120	Perylene-d12	15.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	S-[2-[N,N-Dimethylaminolethylpyr...	245	C10H19N3O2S	1000212-14-2	80
2	1-Hexanamine, 2-ethyl-N,N-dimethyl-	157	C10H23N	028056-87-3	72
3	Formamide, N-[3-(dimethylamino)p...	130	C6H14N2O	005922-69-0	72
4	[+]-2,4-Dihydroxy-3,3-dimethyl-N...	232	C11H24N2O3	1000253-94-2	72
5	Tetradonium Bromide	335	C17H38BrN	001119-97-7	64





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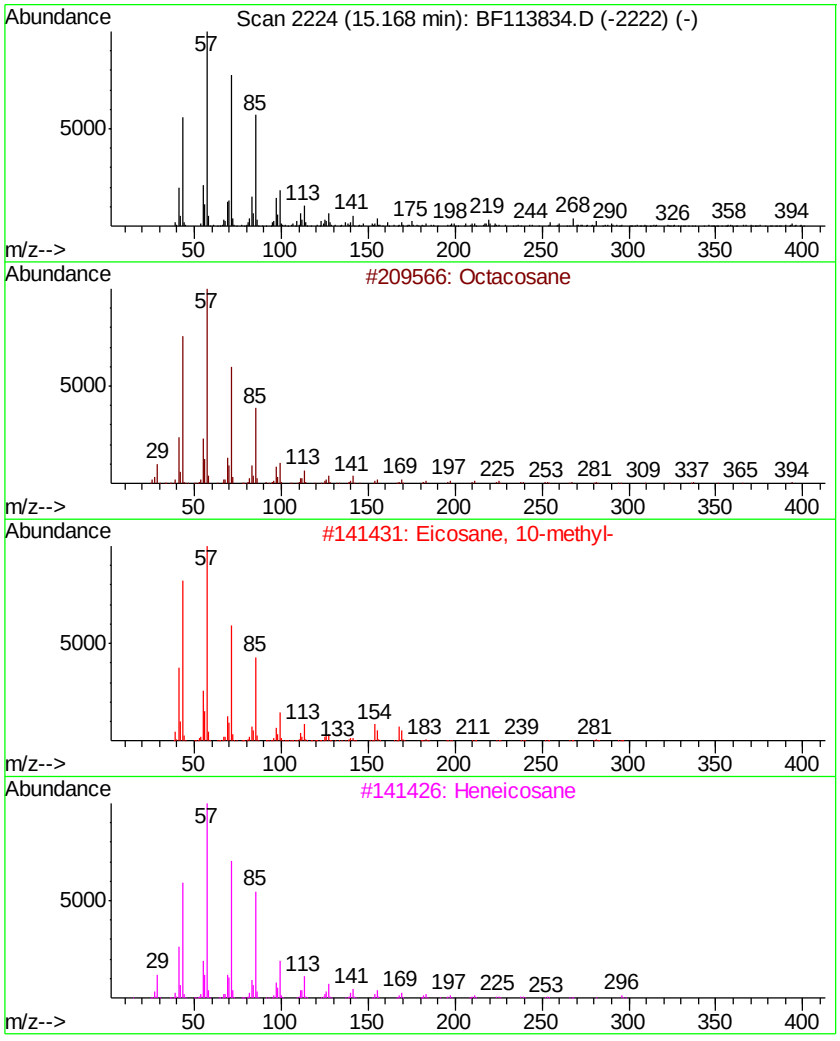
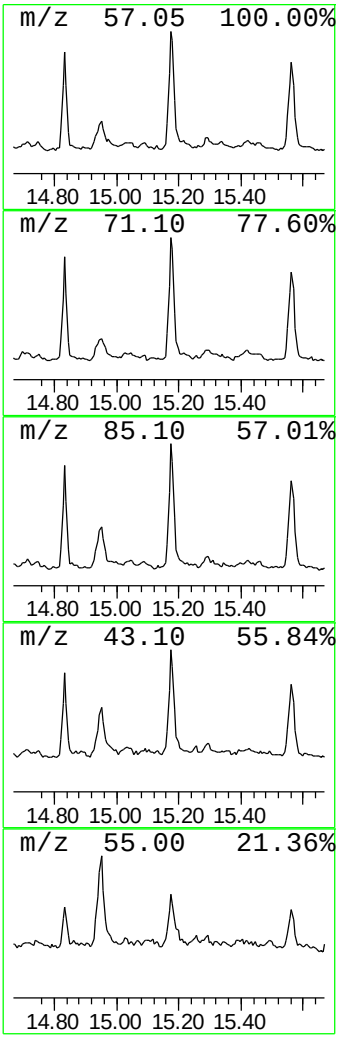
Peak Number 18 Octacosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.17	12.83 ng	696250	Perylene-d12	15.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	93
2	Eicosane, 10-methyl-	296	C21H44	054833-23-7	93
3	Heneicosane	296	C21H44	000629-94-7	91
4	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	91
5	2-methyloctacosane	408	C29H60	1000376-72-8	91





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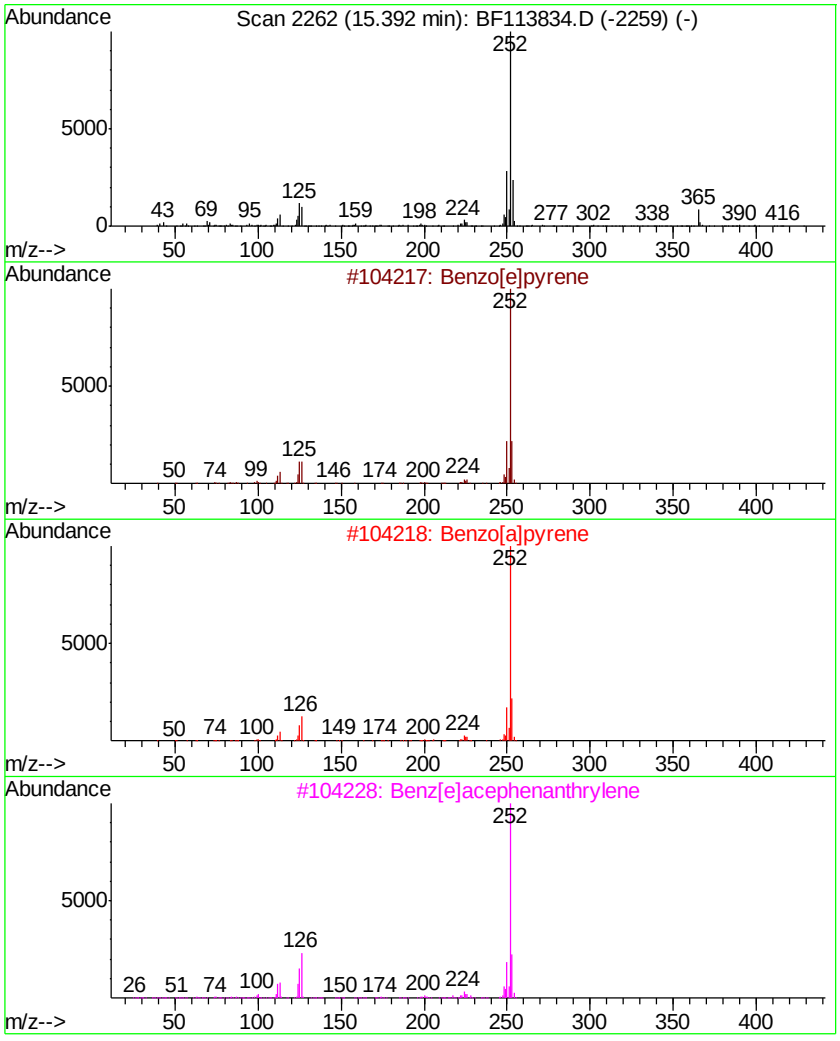
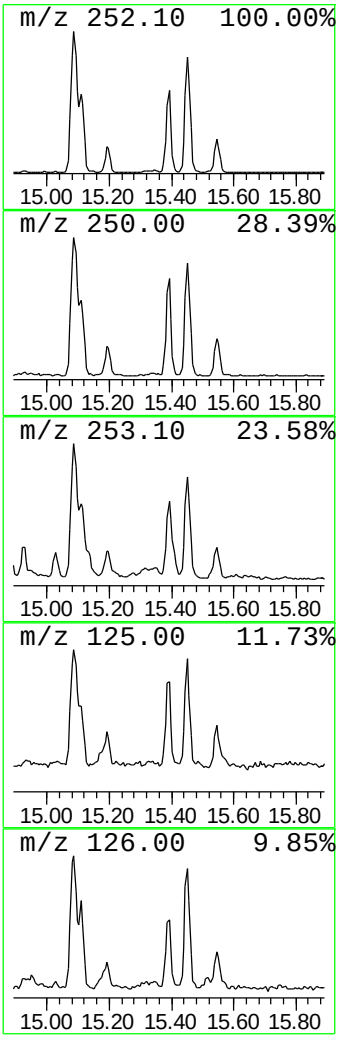
Peak Number 19 Benzo[e]pyrene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.39	5.80 ng	315129	Perylene-d12	15.52

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	95
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	95
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	95
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	95





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Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-01-041619-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

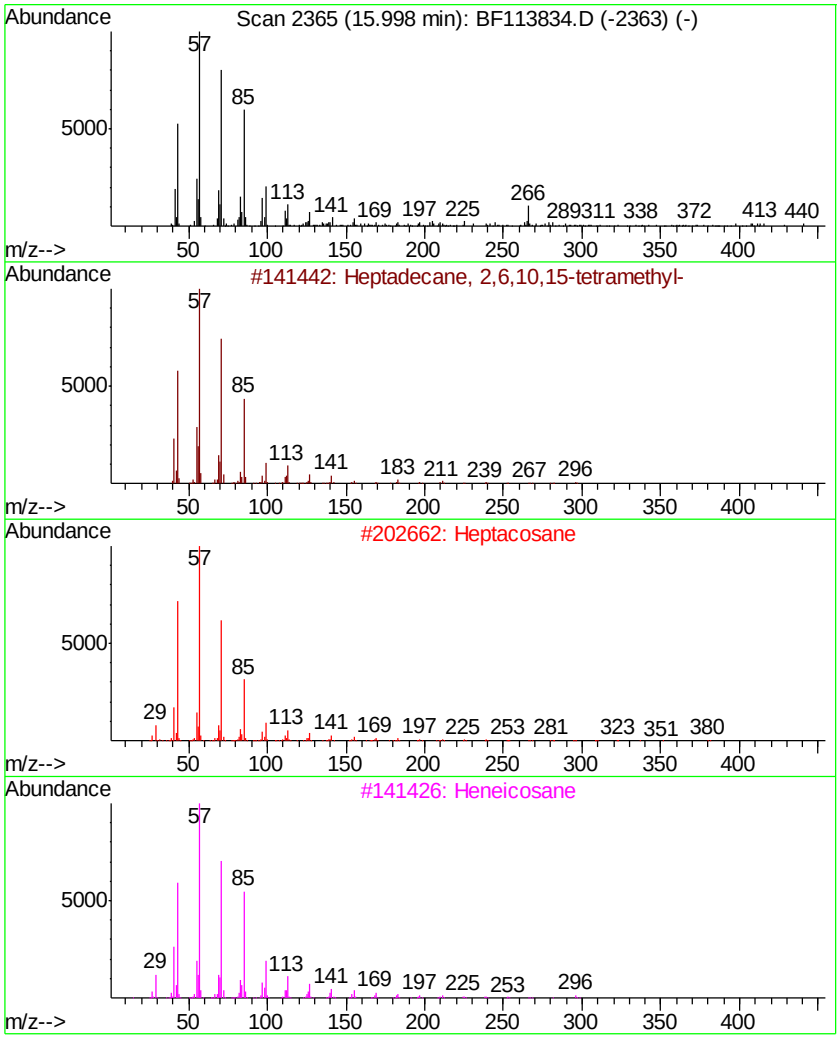
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

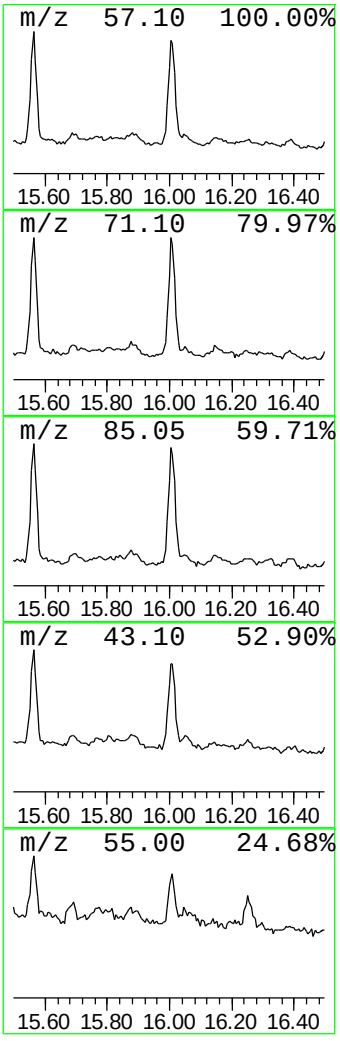
****

Peak Number 20 Heptadecane, 2,6,10,15-tetr... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.00	6.48 ng	352040	Perylene-d12	15.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	96
2	Heptacosane	380	C27H56	000593-49-7	89
3	Heneicosane	296	C21H44	000629-94-7	87
4	Eicosane, 10-methyl-	296	C21H44	054833-23-7	87
5	Hentriacontane	437	C31H64	000630-04-6	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF041819\
Data File : BF113834.D
Acq On : 18 Apr 2019 23:25
Operator : JU/SJ
Sample : K2197-05
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-01-041619-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041819.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
unknown6.66	6.66	54.5	ng	2715700	1	6.89	996609	20.0
Tetradecane	9.34	6.3	ng	380586	3	9.93	1205560	20.0
Dodecane, 2-methy...	9.86	8.0	ng	481785	3	9.93	1205560	20.0
Bacchotricuneatin c	10.36	8.3	ng	497672	3	9.93	1205560	20.0
Tridecane, 1-iodo-	10.83	7.8	ng	454156	4	11.41	1157550	20.0
Hexadecane	11.29	6.7	ng	386553	4	11.41	1157550	20.0
Tetracosane	11.71	6.8	ng	396115	4	11.41	1157550	20.0
Hexadecanoic acid...	11.81	102.1	ng	5911540	4	11.41	1157550	20.0
n-Hexadecanoic acid	11.94	8.9	ng	516555	4	11.41	1157550	20.0
Pentadecane	12.12	7.8	ng	451961	4	11.41	1157550	20.0
9,12-Octadecadien...	12.51	240.1	ng	13895200	4	11.41	1157550	20.0
9-Octadecenoic ac...	12.53	244.0	ng	14124700	4	11.41	1157550	20.0
Octadecanoic acid	12.72	6.0	ng	347794	4	11.41	1157550	20.0
cis-11-Eicosenoic...	13.25	7.8	ng	909371	5	14.04	2325760	20.0
Eicosanoic acid, ...	13.32	6.2	ng	723113	5	14.04	2325760	20.0
S-[2-[N,N-Dimethy...	14.95	28.6	ng	1552120	6	15.52	1085720	20.0
Octacosane	15.17	12.8	ng	696250	6	15.52	1085720	20.0
Benzo[e]pyrene	15.39	5.8	ng	315129	6	15.52	1085720	20.0
Heptadecane, 2,6,...	16.00	6.5	ng	352040	6	15.52	1085720	20.0