LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF043019\
Data File : BF114048.D
Acq On : 30 Apr 2019 17:56
Operator : JU/SJ
Sample : K2194-11 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-03-042919-F

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-BF042219.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	579	583	601	rVB	1412121	1356907	2.96%	1.149%
2	6.516	749	753	774	rBV	1235014	1224844	2.68%	1.037%
3	6.663	774	778	784	rBV	1504119	1253981	2.74%	1.062%
4	6.892	814	817	822	rVB	827889	647595	1.41%	0.548%
5	7.051	840	844	847	rBV	1169405	983467	2.15%	0.833%
6	7.445	904	911	917	rBV	752278	758772	1.66%	0.642%
7	8.175	1033	1035	1039	rVV	991907	920371	2.01%	0.779%
8	8.769	1133	1136	1140	rBV	1259901	1059002	2.31%	0.897%
9	9.245	1214	1217	1221	rBV	1473758	1339258	2.93%	1.134%
10	9.333	1228	1232	1236	rBV	1564330	1424794	3.11%	1.206%
11	9.657	1282	1287	1289	rVV4	648972	1011469	2.21%	0.856%
12	9.863	1315	1322	1325	rBV	1764280	1656795	3.62%	1.403%
13	9.933	1331	1334	1336	rVB	964271	899785	1.97%	0.762%
14	10.186	1373	1377	1381	rBV5	456629	737135	1.61%	0.624%
15	10.363	1401	1407	1410	rBV	2380088	2106086	4.60%	1.783%
16	10.580	1439	1444	1450	rBV	758321	1204909	2.63%	1.020%
17	10.716	1462	1467	1470	rBV2	1082915	1136963	2.48%	0.963%
18	10.833	1484	1487	1497	rVB	2058420	2441873	5.34%	2.067%
19	11.280	1560	1563	1566	rBV	1847155	1646514	3.60%	1.394%
20	11.316	1566	1569	1574	rVB	797420	918755	2.01%	0.778%
21	11.416	1583	1586	1589	rBV	1276364	1093429	2.39%	0.926%
22	11.710	1633	1636	1638	rBV	1779611	1493701	3.26%	1.265%
23	11.821	1649	1655	1658	rVB	8842086	11160777	24.38%	9.449%
24	11.957	1673	1678	1684	rBV2	1046517	1492699	3.26%	1.264%
25	12.116	1700	1705	1710	rVB2	1266962	1238394	2.71%	1.049%
26	12.563	1766	1781	1784	rBV4	10350086	45770207	100.00%	38.752%
27	12.616	1786	1790	1792	rVV	6452782	6103656	13.34%	5.168%
28	12.674	1792	1800	1805	rVV3	3339592	7410989	16.19%	6.275%
29	12.739	1809	1811	1815	rVV	820730	865687	1.89%	0.733%
30	12.839	1824	1828	1831	rVV	1680067	1703059	3.72%	1.442%
31	12.874	1831	1834	1841	rVB2	884719	1055345	2.31%	0.894%
32	13.004	1853	1856	1859	rVB	1556232	1349347	2.95%	1.142%
33	13.157	1880	1882	1884	rBV	1218655	1106632	2.42%	0.937%
34	13.180	1884	1886	1892	rVV3	733717	1352246	2.95%	1.145%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF043019\
Data File : BF114048.D
Acq On : 30 Apr 2019 17:56
Operator : JU/SJ
Sample : K2194-11 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-03-042919-F

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-BF042219.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	13.245	1892	1897	1904	rVB2	1628645	2549630	5.57%	2.159%
36	13.321	1907	1910	1914	rVB	1360924	1294795	2.83%	1.096%
37	13.427	1925	1928	1930	rBV3	504245	466453	1.02%	0.395%
38	13.504	1939	1941	1945	rVB3	520763	502240	1.10%	0.425%
39	13.568	1950	1952	1956	rVB	584075	517016	1.13%	0.438%
40	13.986	2020	2023	2031	rBV	992459	1016415	2.22%	0.861%
41	14.057	2032	2035	2038	rVV	734428	647167	1.41%	0.548%
42	14.215	2059	2062	2070	rVB	541513	498860	1.09%	0.422%
43	14.527	2111	2115	2121	rBV	689423	1037040	2.27%	0.878%
44	14.615	2127	2130	2138	rBV2	474430	532058	1.16%	0.450%
45	14.957	2183	2188	2198	rVB	718397	1123553	2.45%	0.951%

Sum of corrected areas: 118110670

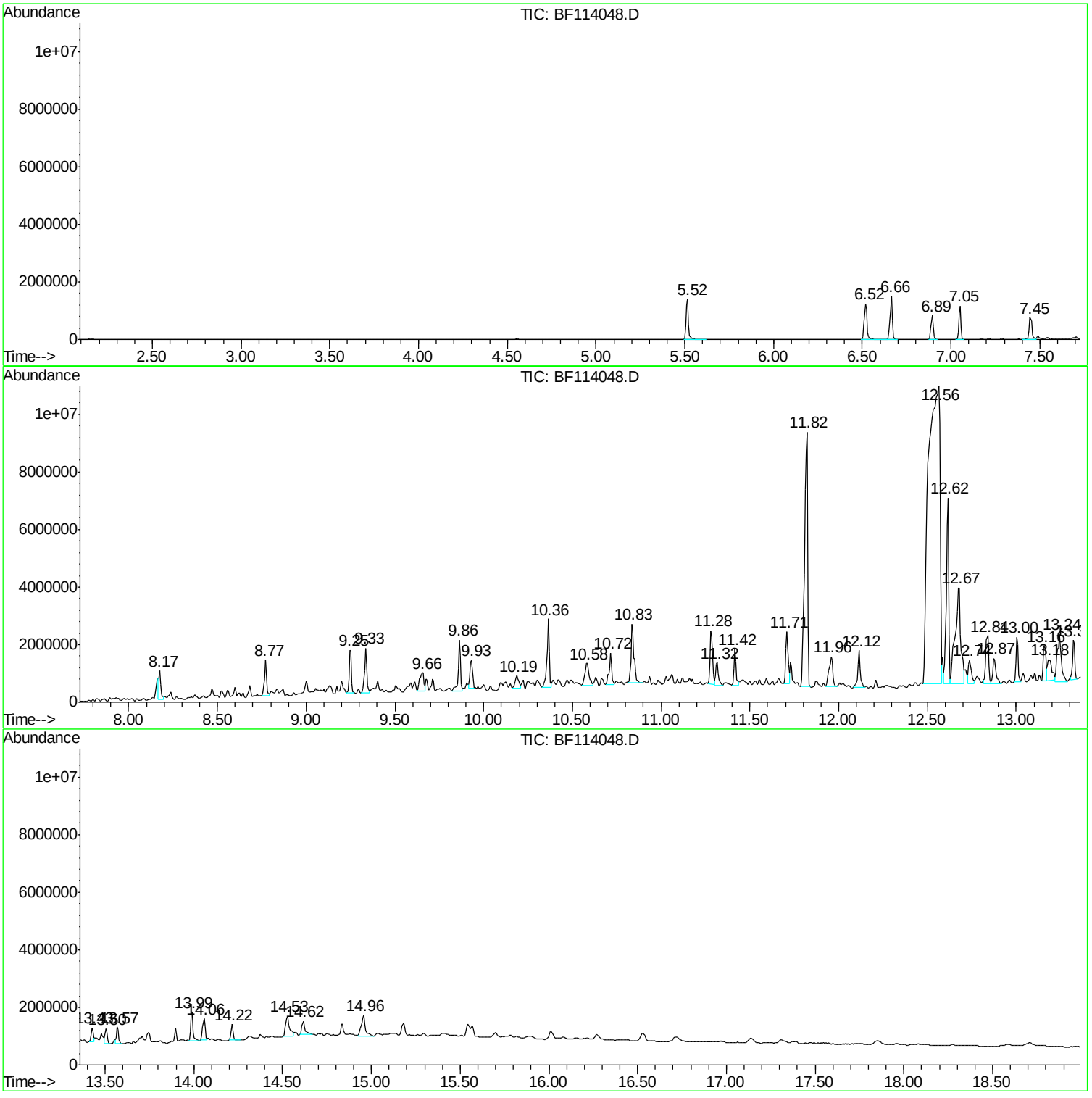
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF043019\
Data File : BF114048.D
Acq On : 30 Apr 2019 17:56
Operator : JU/SJ
Sample : K2194-11 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-03-042919-F

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042219.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\BF043019\
Data File : BF114048.D
Acq On : 30 Apr 2019 17:56
Operator : JU/SJ
Sample : K2194-11 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-03-042919-F

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042219.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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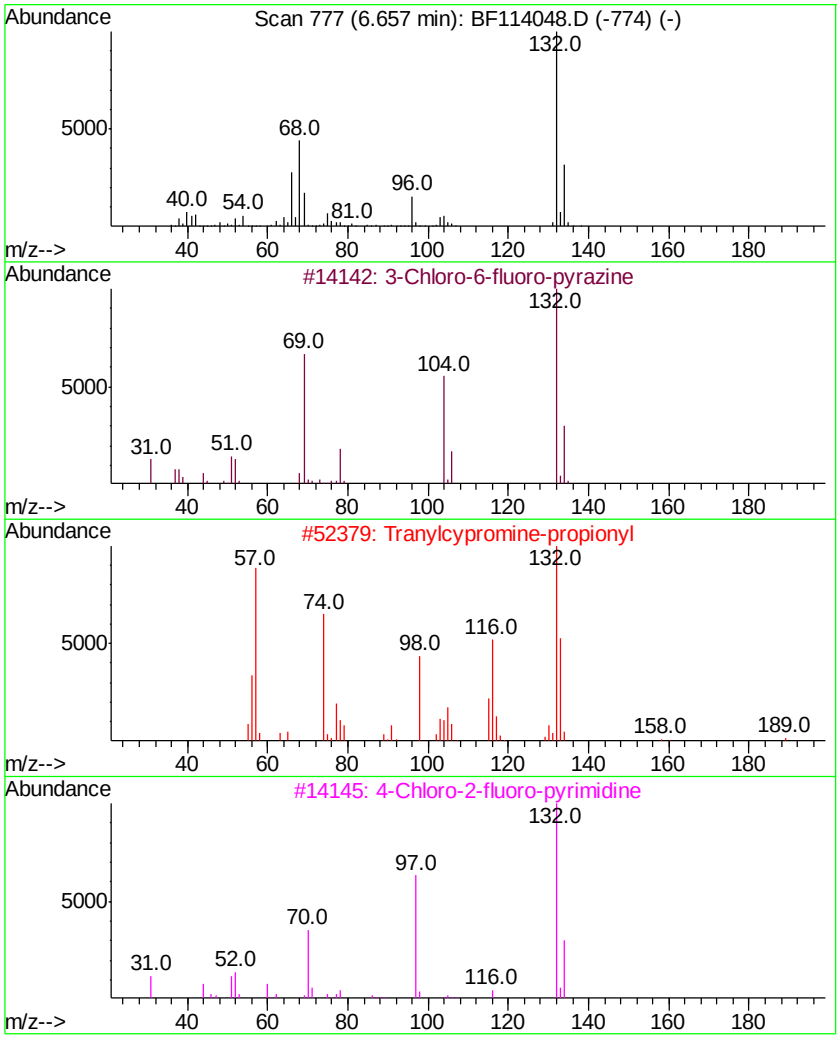
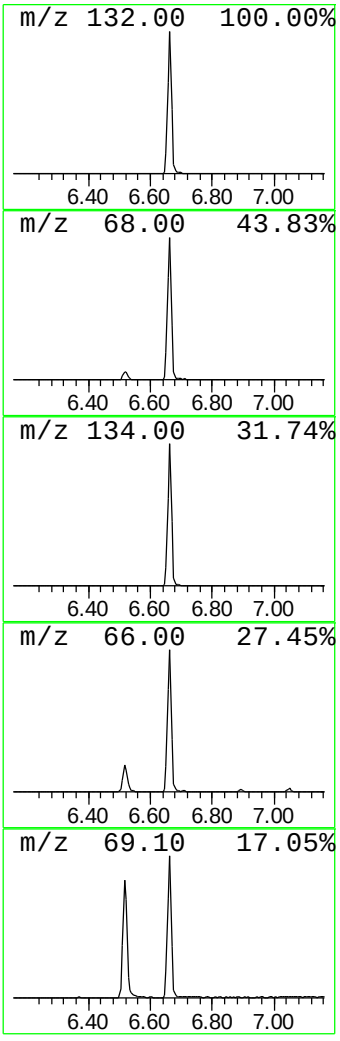
Peak Number 1 unknown6.66 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.66	38.73 ng	1253980	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	16
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
3	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
4	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9
5	Xenon	132	Xe	007440-63-3	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF043019\
Data File : BF114048.D
Acq On : 30 Apr 2019 17:56
Operator : JU/SJ
Sample : K2194-11 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-03-042919-F

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

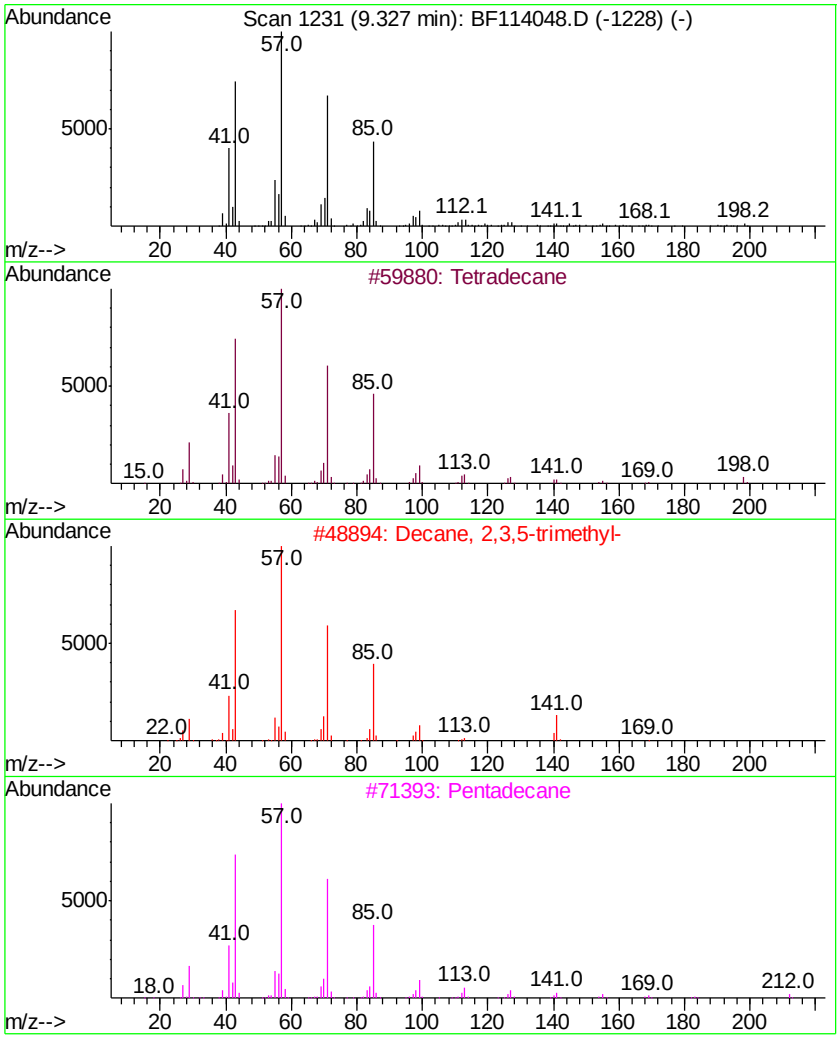
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

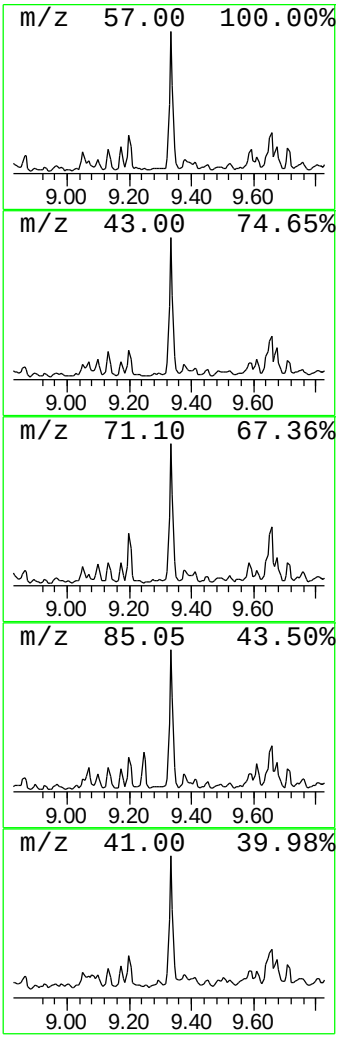
****

Peak Number 3 Tetradecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.33	31.67 ng	1424790	Acenaphthene-d10	9.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	90
2	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	83
3	Pentadecane	212	C15H32	000629-62-9	83
4	Hexadecane	226	C16H34	000544-76-3	72
5	Dodecane	170	C12H26	000112-40-3	64





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF043019\
Data File : BF114048.D
Acq On : 30 Apr 2019 17:56
Operator : JU/SJ
Sample : K2194-11 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-03-042919-F

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042219.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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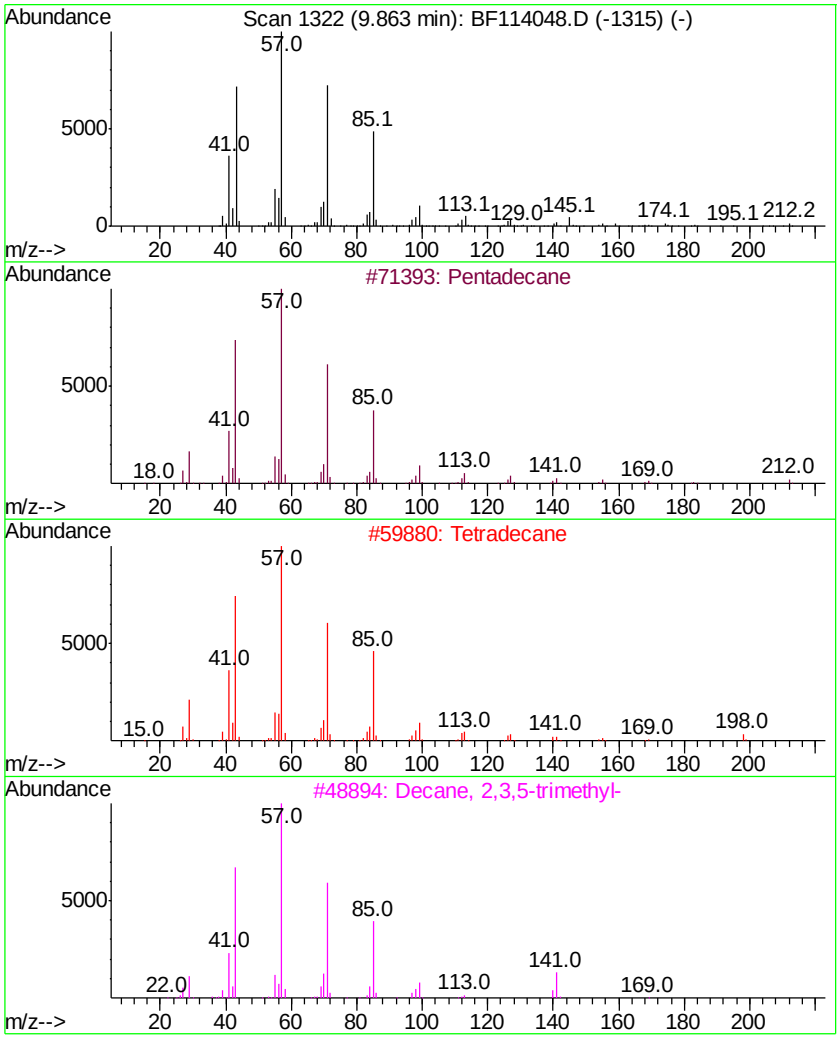
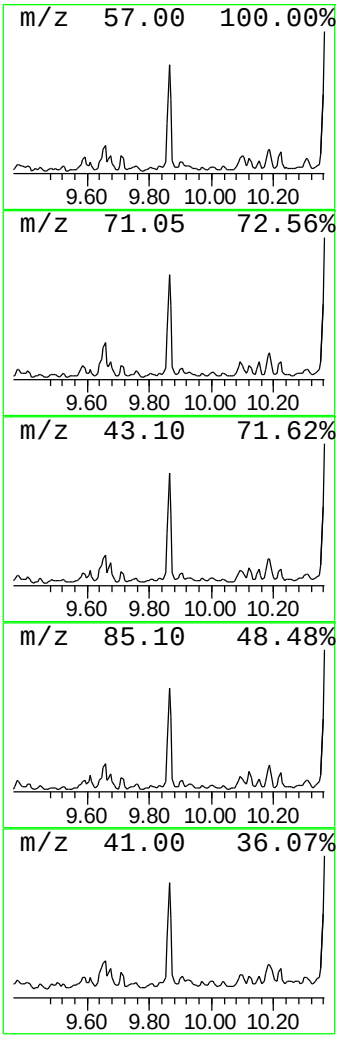
Peak Number 4 Pentadecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.86	36.83 ng	1656800	Acenaphthene-d10	9.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	90
2	Tetradecane	198	C14H30	000629-59-4	87
3	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	86
4	Hexadecane	226	C16H34	000544-76-3	72
5	Octacosane	394	C28H58	000630-02-4	64





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF043019\
Data File : BF114048.D
Acq On : 30 Apr 2019 17:56
Operator : JU/SJ
Sample : K2194-11 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-03-042919-F

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042219.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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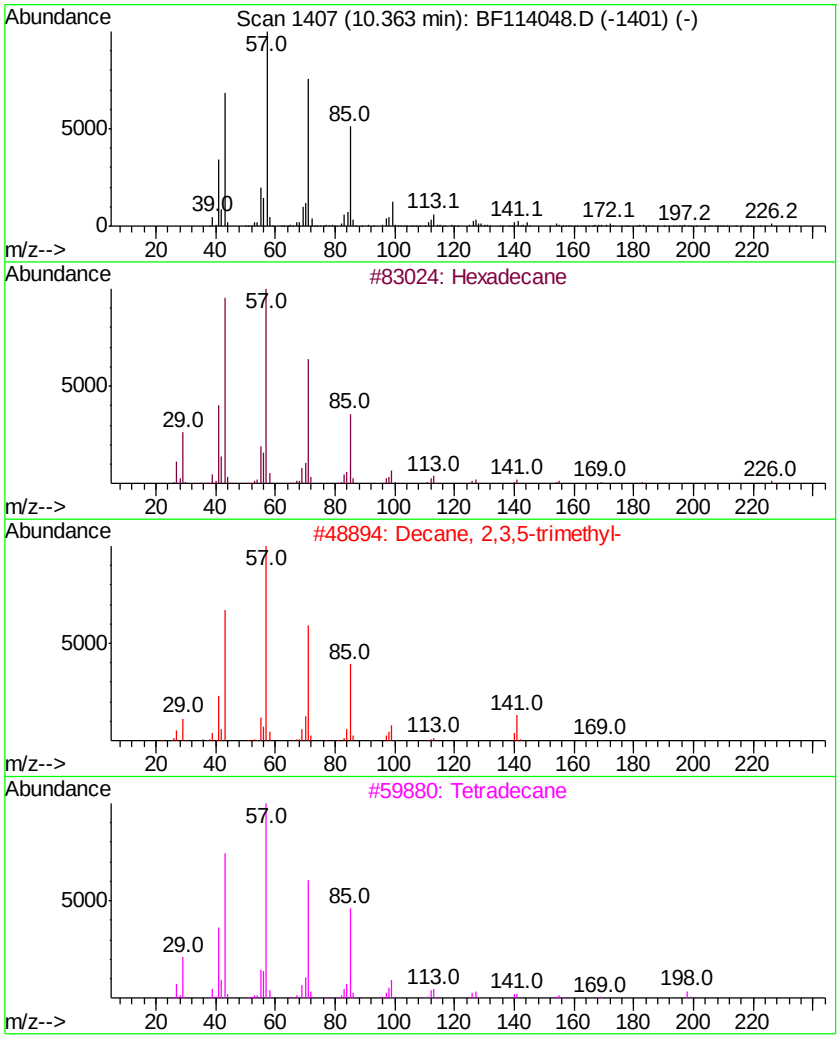
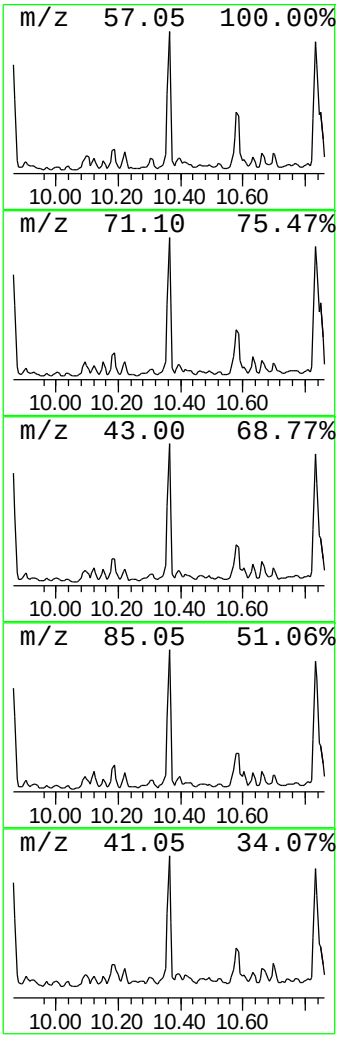
Peak Number 5 Hexadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.36	46.81 ng	2106090	Acenaphthene-d10	9.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	91
2	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	90
3	Tetradecane	198	C14H30	000629-59-4	86
4	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	86
5	1,3-Dimethylcyclopentanol	114	C7H14O	019550-46-0	64





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF043019\
Data File : BF114048.D
Acq On : 30 Apr 2019 17:56
Operator : JU/SJ
Sample : K2194-11 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-03-042919-F

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042219.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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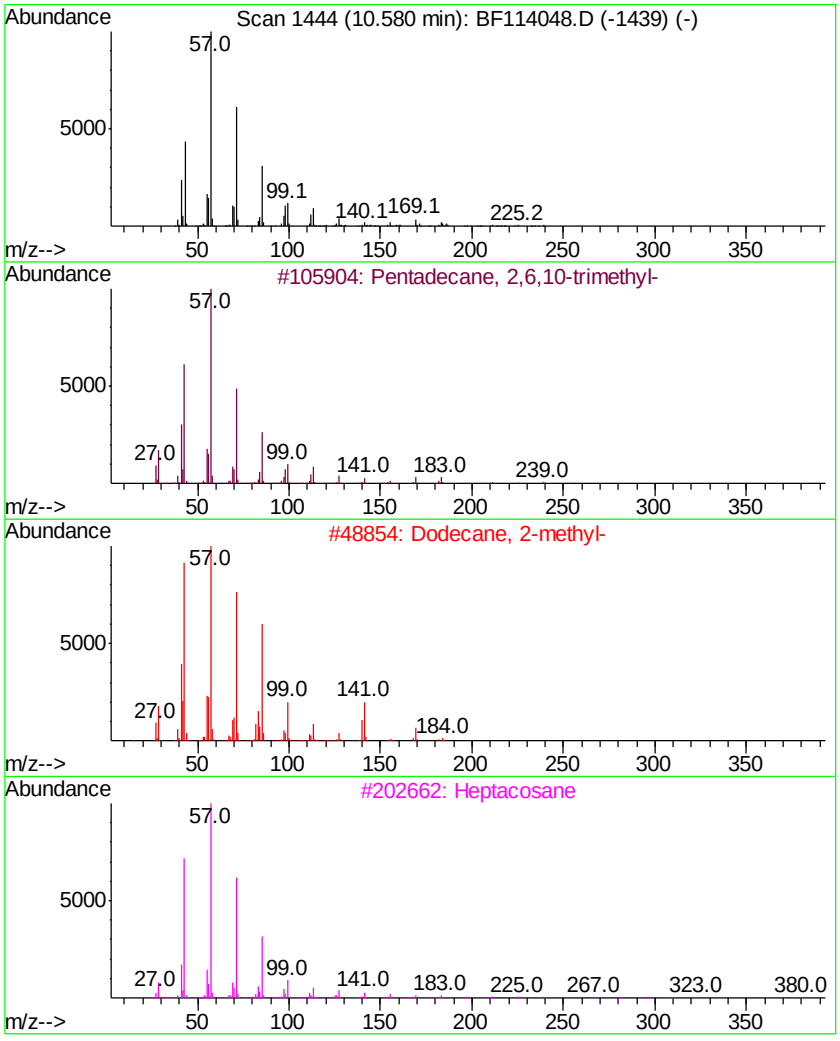
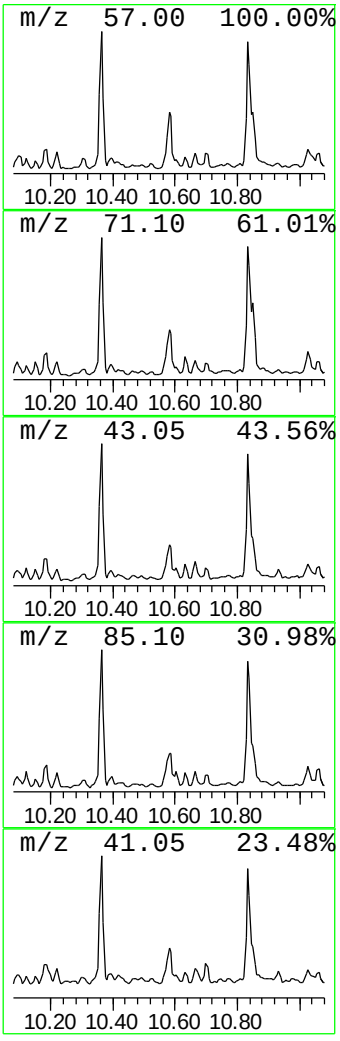
Peak Number 6 Pentadecane, 2,6,10-trimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.58	26.78 ng	1204910	Acenaphthene-d10	9.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	90
2	Dodecane, 2-methyl-	184	C13H28	001560-97-0	81
3	Heptacosane	380	C27H56	000593-49-7	80
4	Undecane, 6-ethyl-	184	C13H28	017312-60-6	76
5	Hexadecane	226	C16H34	000544-76-3	74





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF043019\
Data File : BF114048.D
Acq On : 30 Apr 2019 17:56
Operator : JU/SJ
Sample : K2194-11 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-03-042919-F

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042219.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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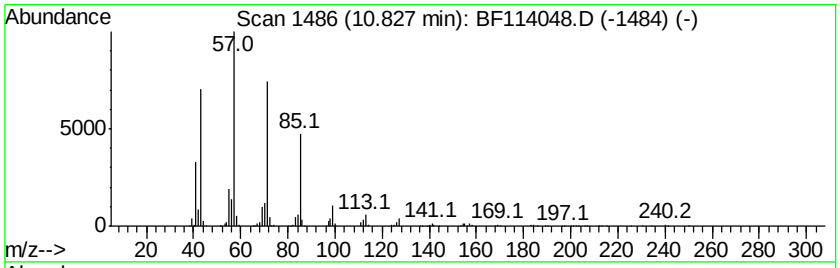
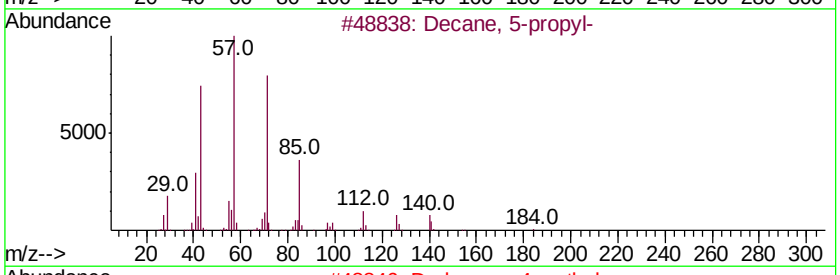
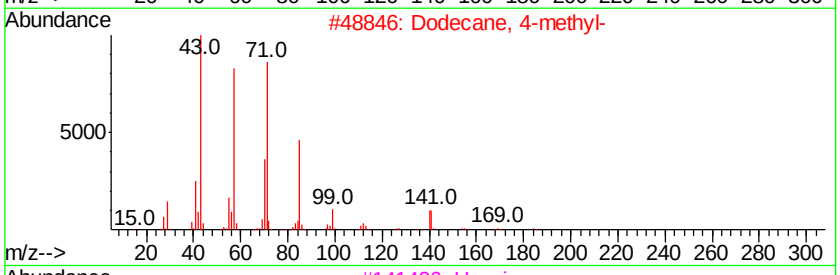
Peak Number 7 Decane, 5-propyl- Concentration Rank 7

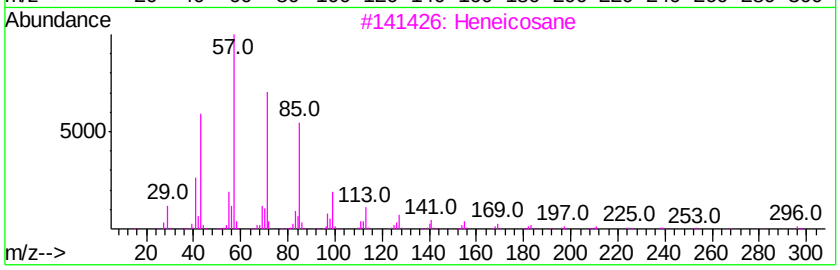
R.T.	EstConc	Area	Relative to ISTD	R.T.
10.83	44.66 ng	2441870	Phenanthrene-d10	11.42

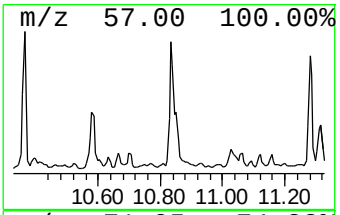
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 5-propyl-	184	C13H28	017312-62-8	90
2	Dodecane, 4-methyl-	184	C13H28	006117-97-1	90
3	Heneicosane	296	C21H44	000629-94-7	90
4	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	90
5	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	86

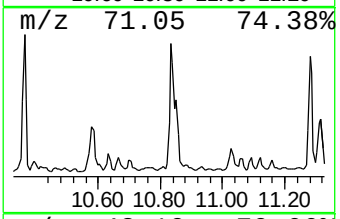


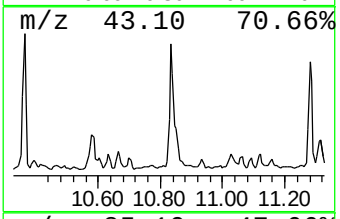


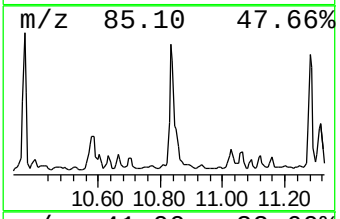


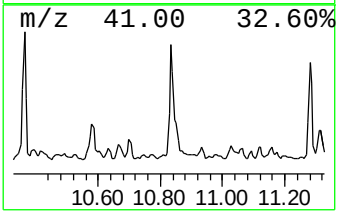












Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF043019\
Data File : BF114048.D
Acq On : 30 Apr 2019 17:56
Operator : JU/SJ
Sample : K2194-11 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-03-042919-F

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

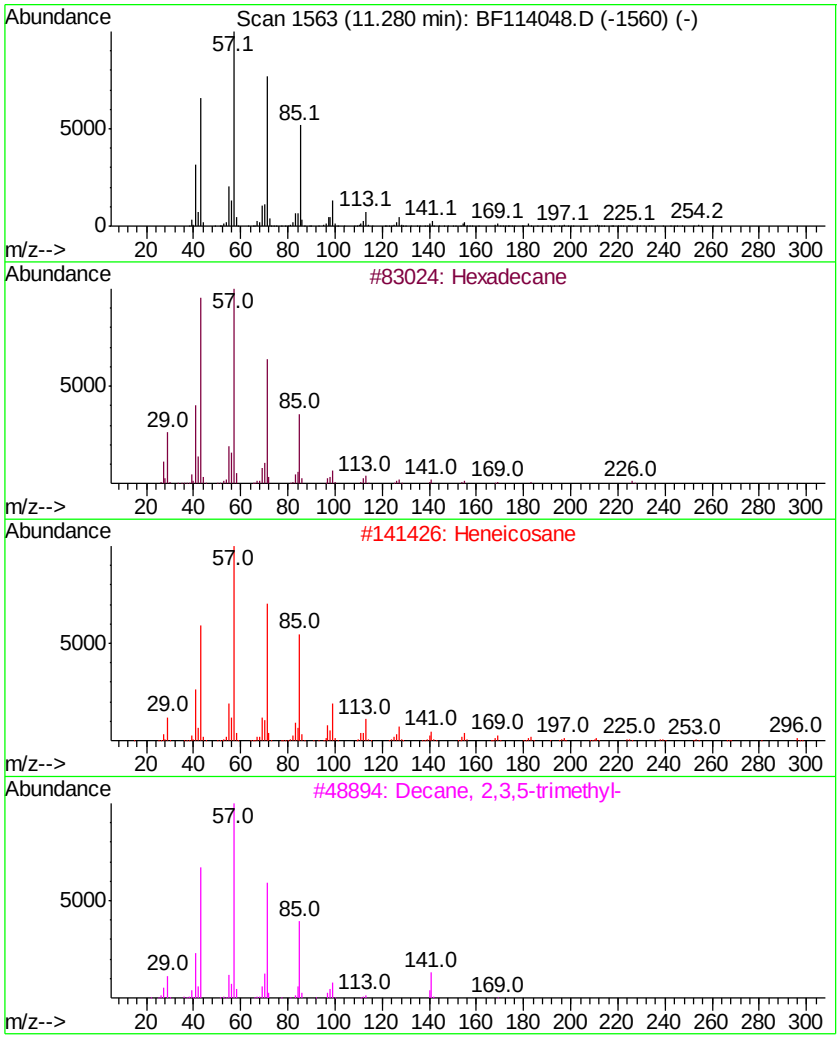
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

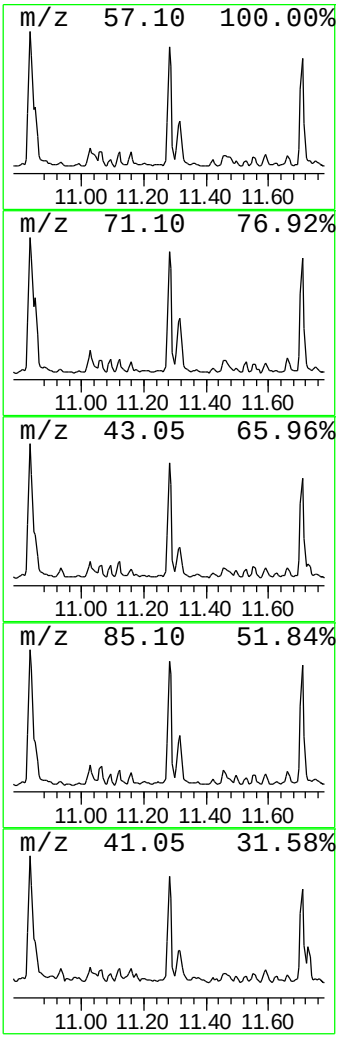
****

Peak Number 8 Heneicosane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.28	30.12 ng	1646510	Phenanthrene-d10	11.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	90
2	Heneicosane	296	C21H44	000629-94-7	90
3	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	90
4	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	86
5	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	81





Library Search Compound Report

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Acq On : 30 Apr 2019 17:56
Operator : JU/SJ
Sample : K2194-11 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-03-042919-F

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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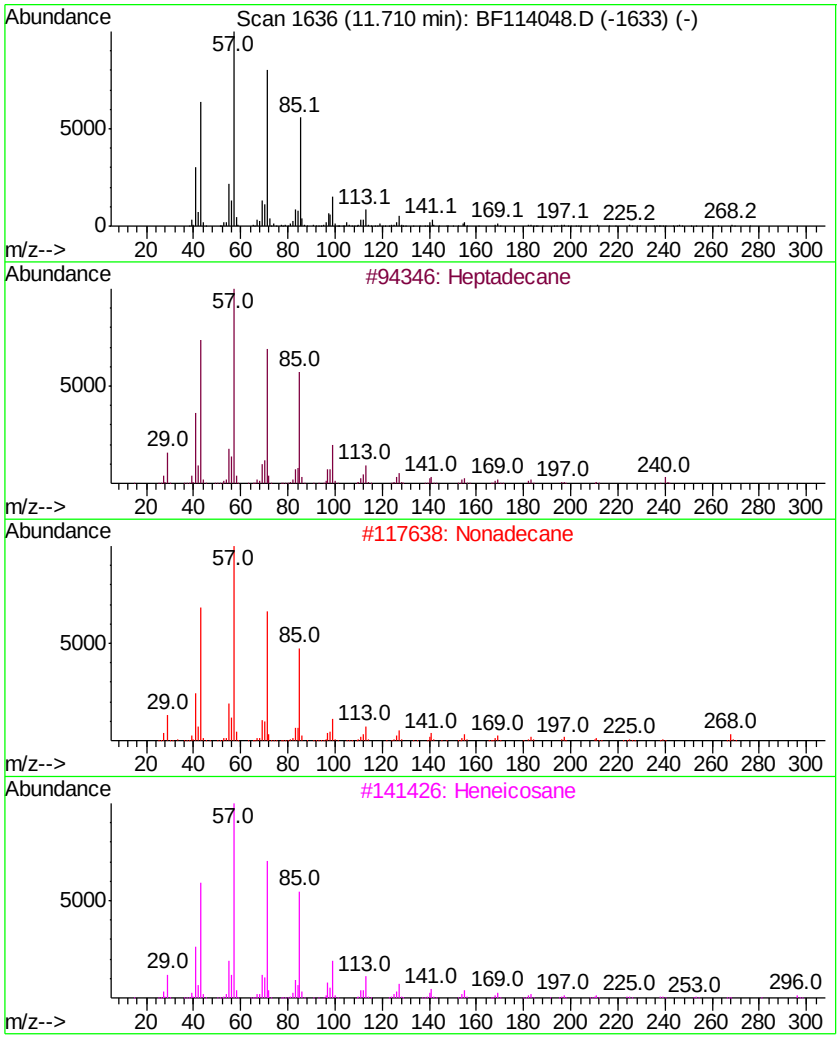
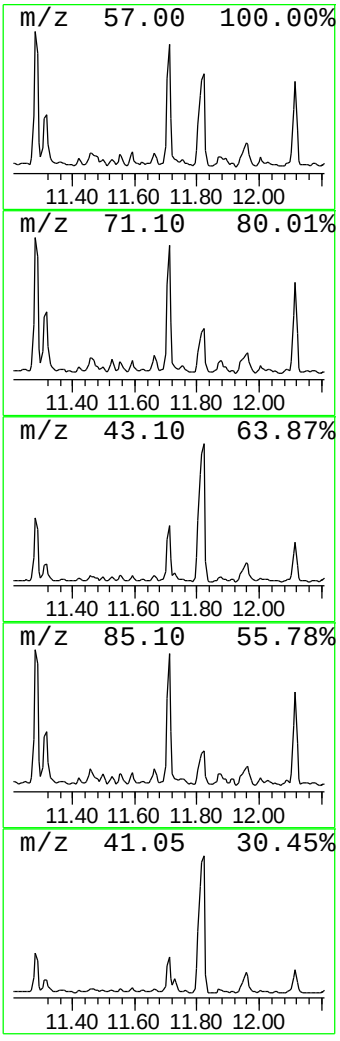
Peak Number 9 Nonadecane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.71	27.32 ng	1493700	Phenanthrene-d10	11.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	97
2	Nonadecane	268	C19H40	000629-92-5	91
3	Heneicosane	296	C21H44	000629-94-7	91
4	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	90
5	Hexadecane	226	C16H34	000544-76-3	90





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Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-03-042919-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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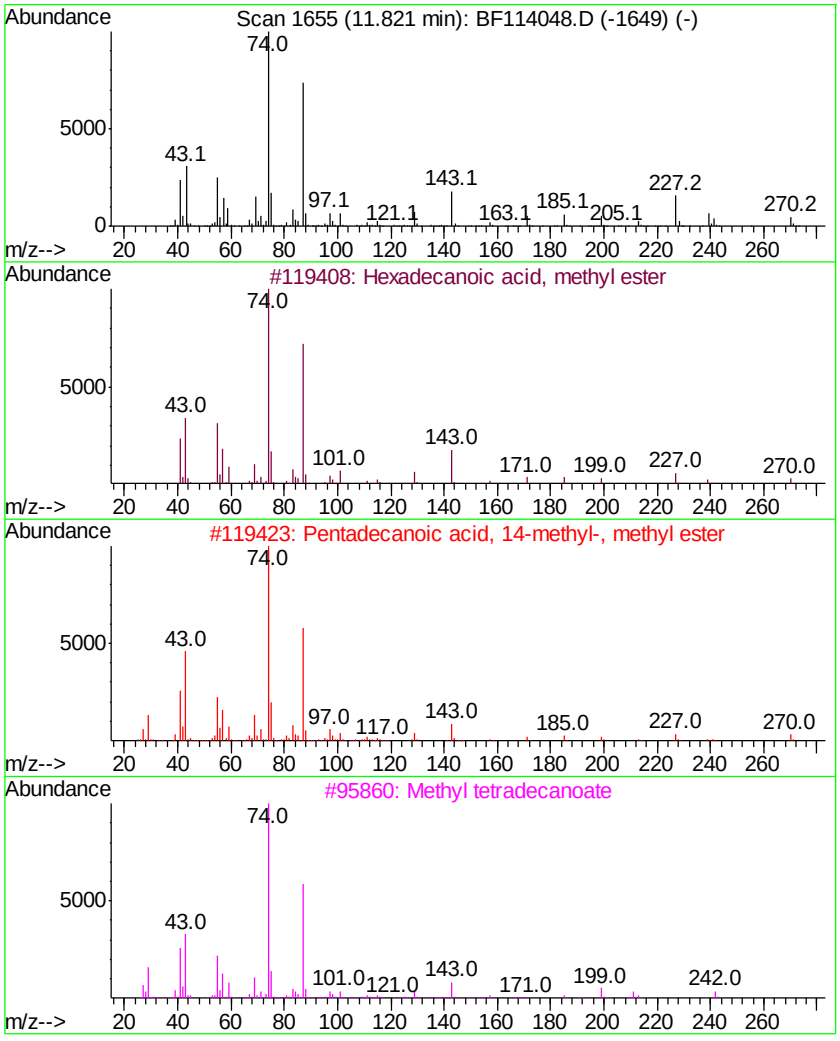
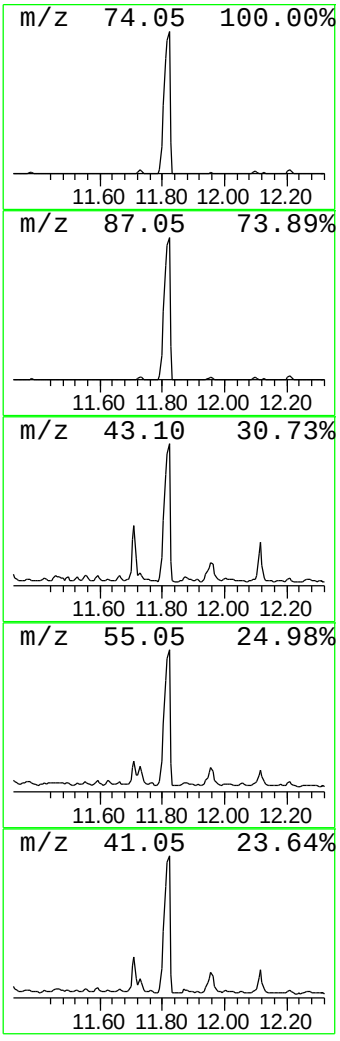
Peak Number 10 Hexadecanoic acid, methyl e... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.82	204.14 ng	11160800	Phenanthrene-d10	11.42

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	95
3	Methyl tetradecanoate	242	C15H30O2	000124-10-7	91
4	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	90
5	Decanoic acid, methyl ester	186	C11H22O2	000110-42-9	83





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Misc :
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Instrument : BNA_F
ClientSampleId : JC-03-042919-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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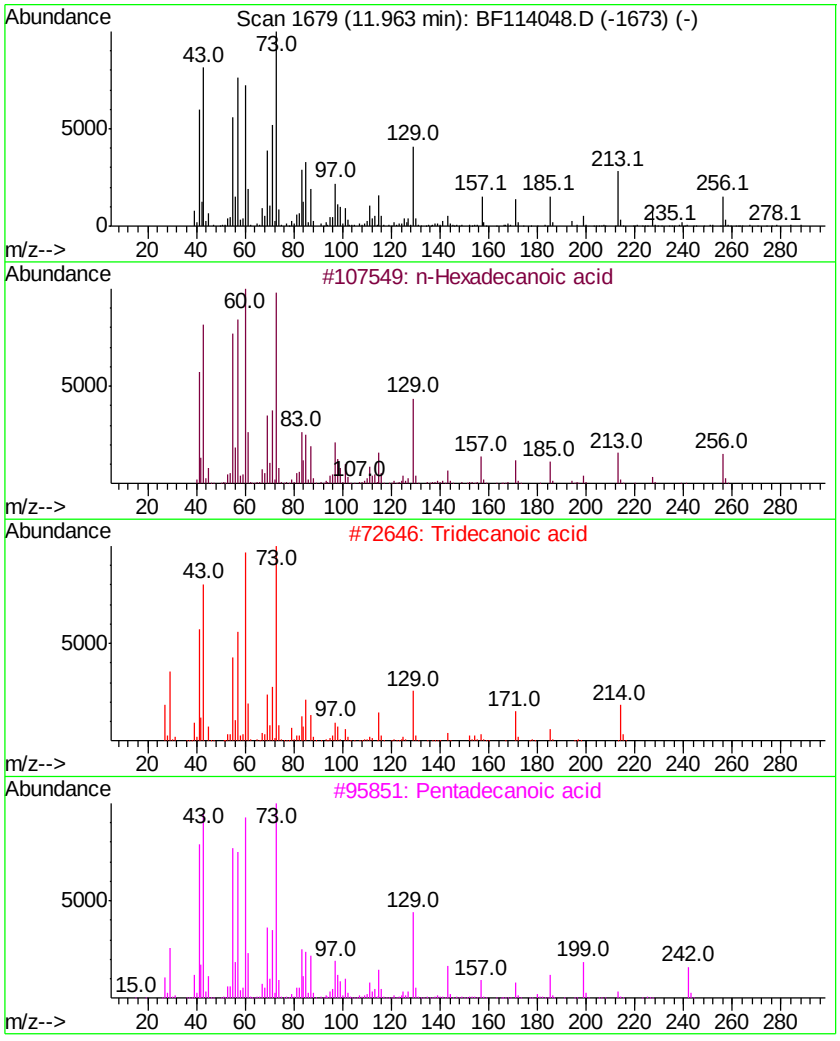
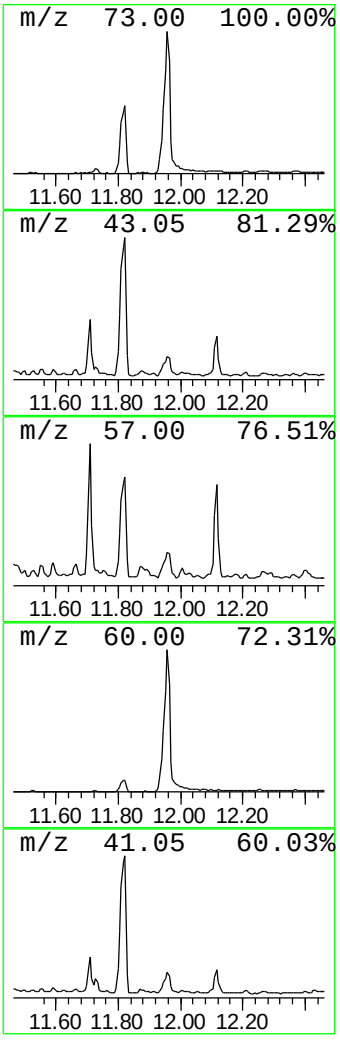
Peak Number 11 n-Hexadecanoic acid Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.96	27.30 ng	1492700	Phenanthrene-d10	11.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	91
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	76
4	Octadecanoic acid	284	C18H36O2	000057-11-4	76
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	72





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Sample : K2194-11 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-03-042919-F

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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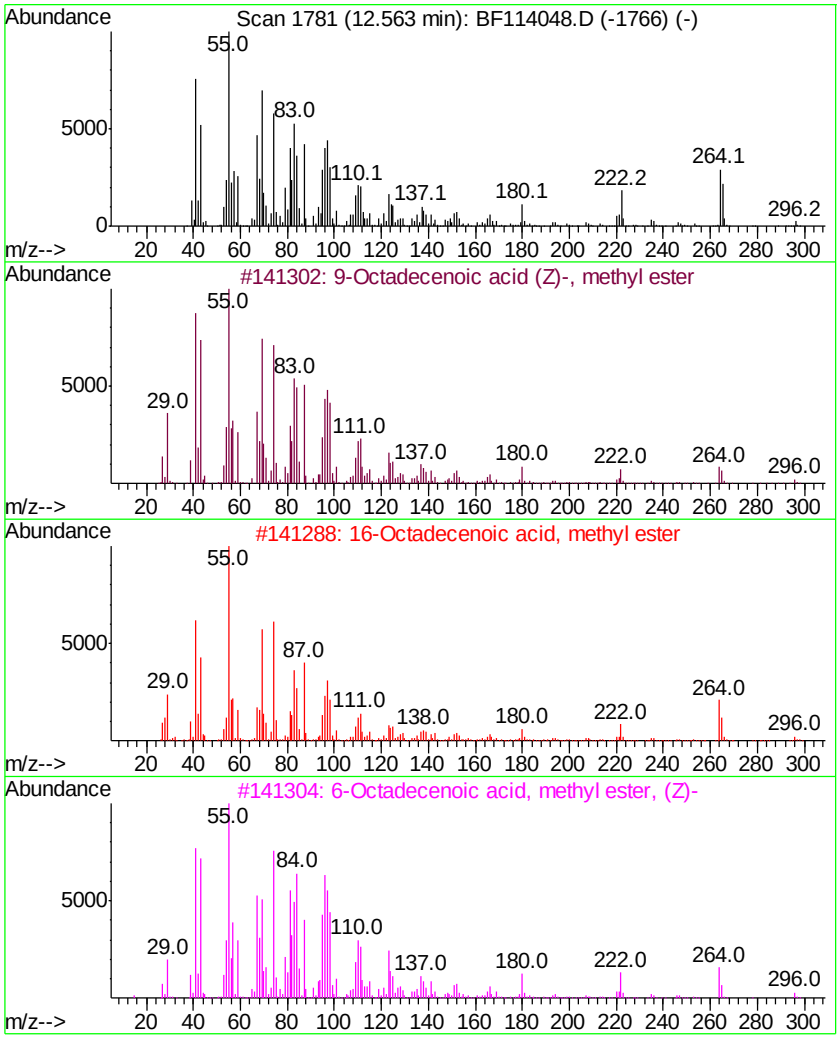
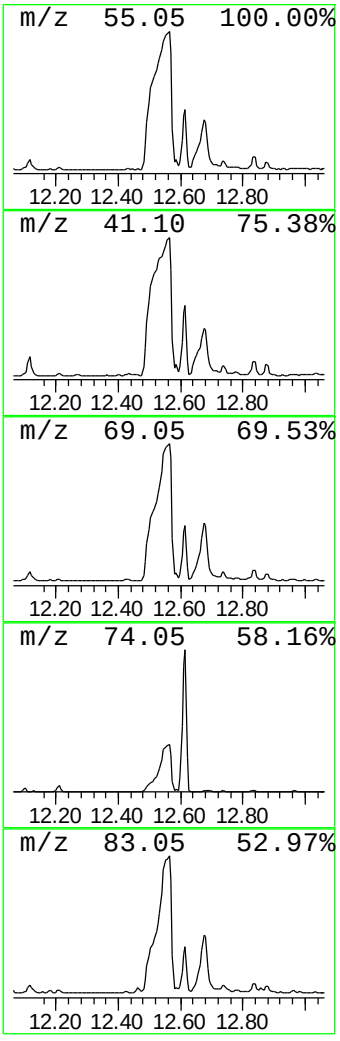
Peak Number 12 9-Octadecenoic acid (Z)-, m... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.56	837.19 ng	45770200	Phenanthrene-d10	11.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	99
2	16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	98
3	6-Octadecenoic acid, methyl este...	296	C19H36O2	002777-58-4	97
4	13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	96
5	15-Octadecenoic acid, methyl ester	296	C19H36O2	004764-72-1	95





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Sample : K2194-11 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-03-042919-F

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042219.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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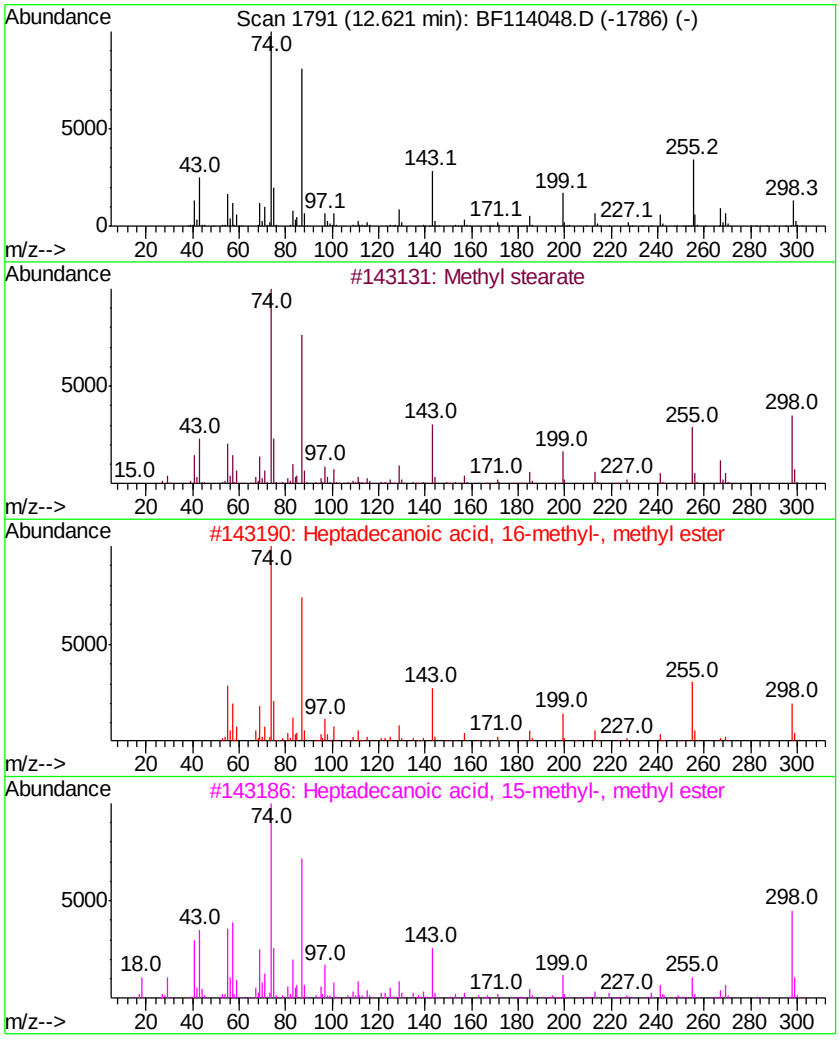
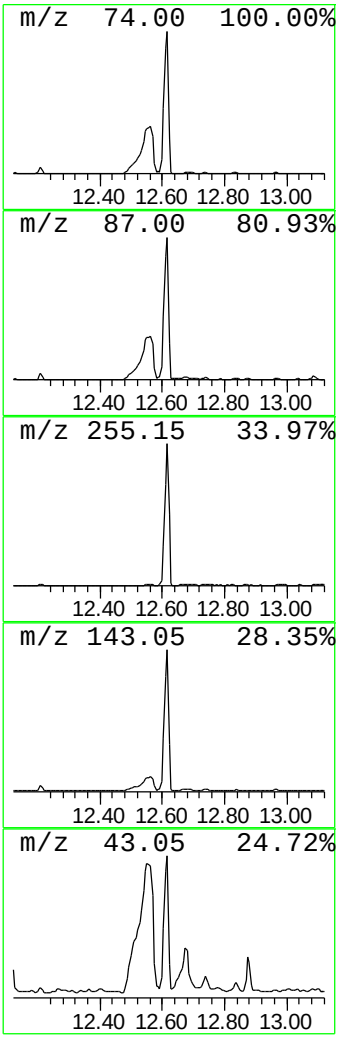
Peak Number 13 Methyl stearate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.62	111.64 ng	6103660	Phenanthrene-d10	11.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl stearate	298	C19H38O2	000112-61-8	98
2	Heptadecanoic acid, 16-methyl-, ...	298	C19H38O2	005129-61-3	94
3	Heptadecanoic acid, 15-methyl-, ...	298	C19H38O2	054833-55-5	91
4	Methyl tetradecanoate	242	C15H30O2	000124-10-7	87
5	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	83





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Sample : K2194-11 2X
Misc :
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Instrument : BNA_F
ClientSampleId : JC-03-042919-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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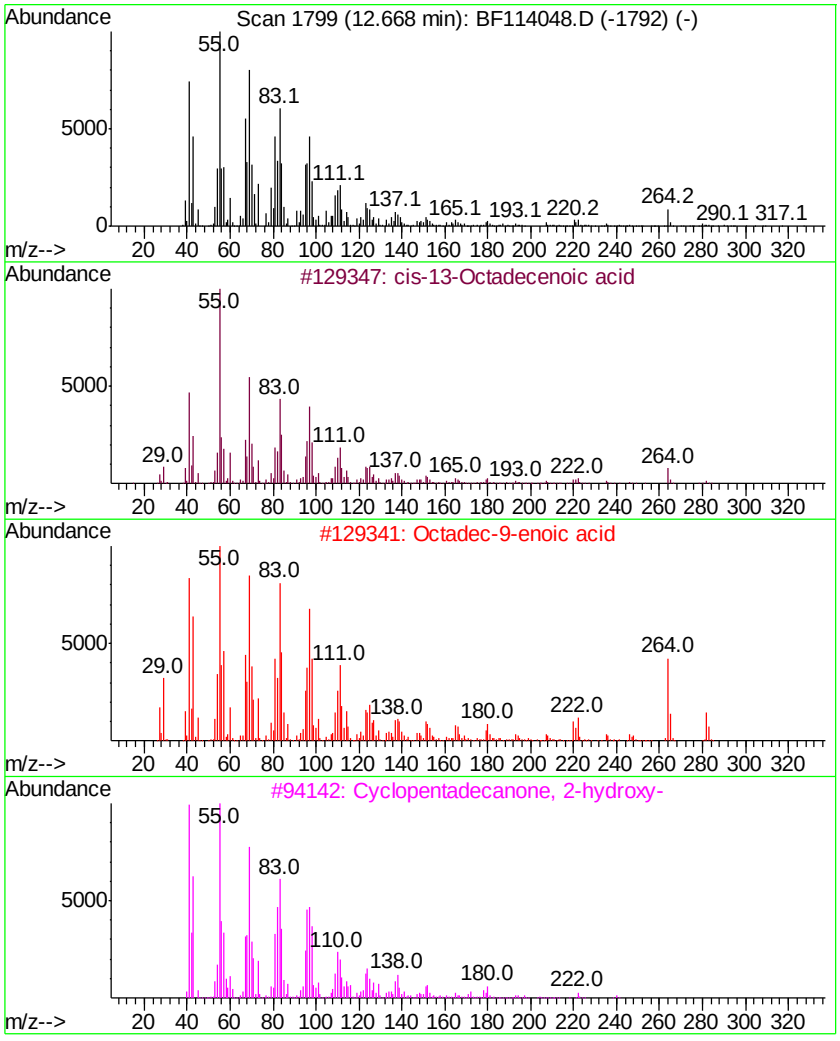
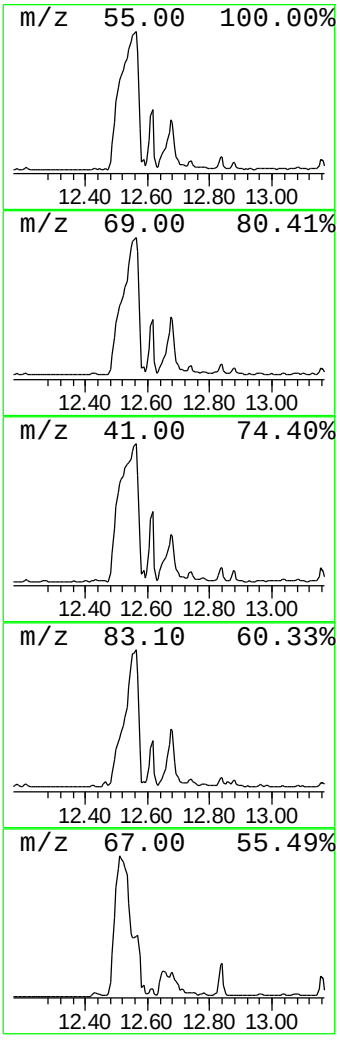
Peak Number 14 cis-13-Octadecenoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.67	135.56 ng	7410990	Phenanthrene-d10	11.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	cis-13-Octadecenoic acid	282	C18H34O2	013126-39-1	93
2	Octadec-9-enoic acid	282	C18H34O2	1000190-13-7	91
3	Cyclopentadecanone, 2-hydroxy-	240	C15H28O2	004727-18-8	90
4	trans-13-Octadecenoic acid	282	C18H34O2	000693-71-0	89
5	9-Octadecenoic acid, (E)-	282	C18H34O2	000112-79-8	87





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Sample : K2194-11 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-03-042919-F

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042219.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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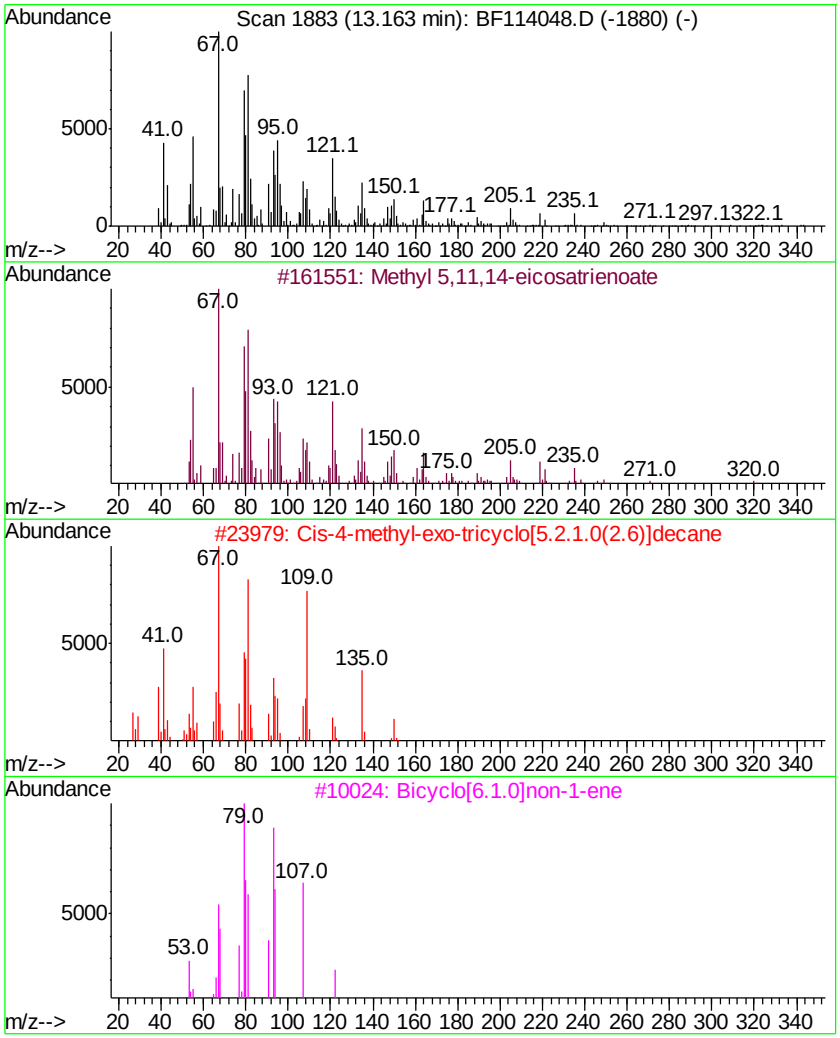
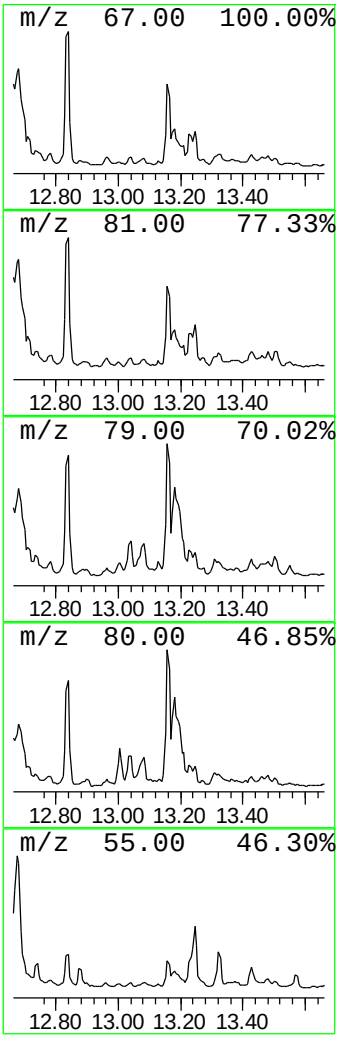
Peak Number 15 Methyl 5,11,14-eicosatrienoate Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.16	34.20 ng	1106630	Chrysene-d12	14.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl 5,11,14-eicosatrienoate	320	C21H36O2	1000336-40-2	91
2	Cis-4-methyl-exo-tricyclo[5.2.1....	150	C11H18	1000215-29-2	74
3	Bicyclo[6.1.0]non-1-ene	122	C9H14	002570-06-1	70
4	Bicyclo[10.1.0]tridec-1-ene	178	C13H22	054766-91-5	68
5	Cyclooctene, 4-ethenyl-	136	C10H16	001124-45-4	64





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Sample : K2194-11 2X
Misc :
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Instrument : BNA_F
ClientSampleId : JC-03-042919-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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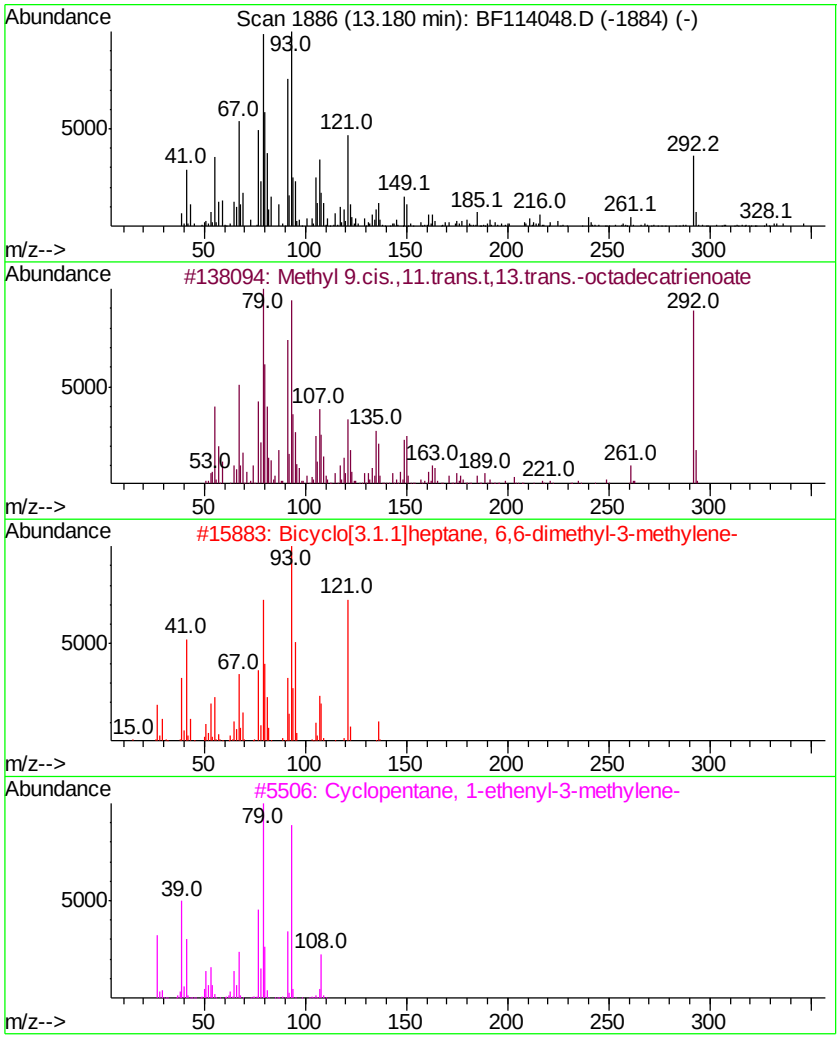
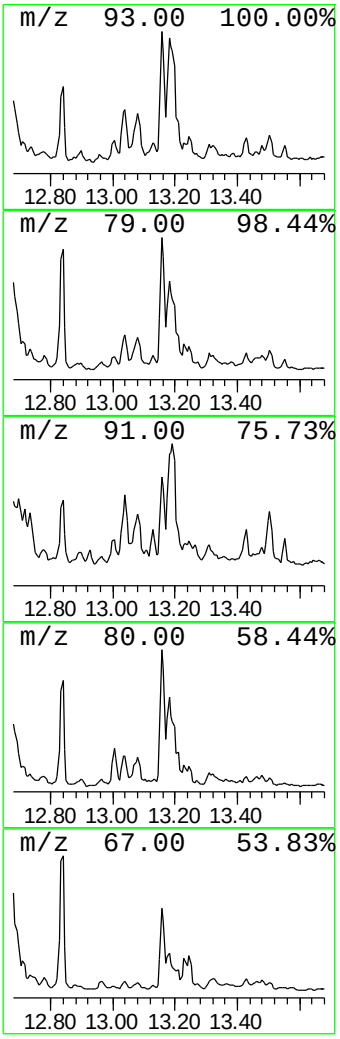
Peak Number 16 Methyl 9.cis.,11.trans.t,13... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.18	41.79 ng	1352250	Chrysene-d12	14.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl 9.cis.,11.trans.t,13.tran...	292	C19H32O2	1000336-42-6	95
2	Bicyclo[3.1.1]heptane, 6,6-dimet...	136	C10H16	016022-04-1	64
3	Cyclopentane, 1-ethenyl-3-methyl...	108	C8H12	029668-63-1	52
4	9,12,15-Octadecatrienoic acid, m...	292	C19H32O2	007361-80-0	52
5	Santolina triene	136	C10H16	002153-66-4	49





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Instrument : BNA_F
ClientSampleId : JC-03-042919-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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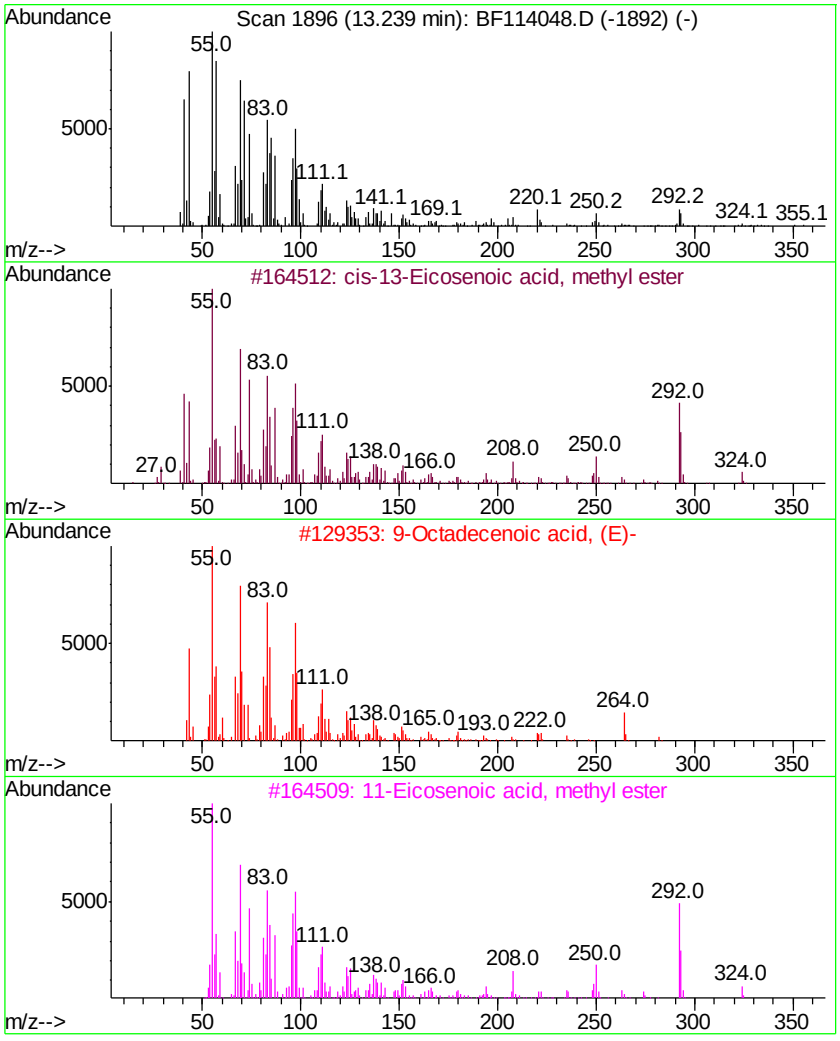
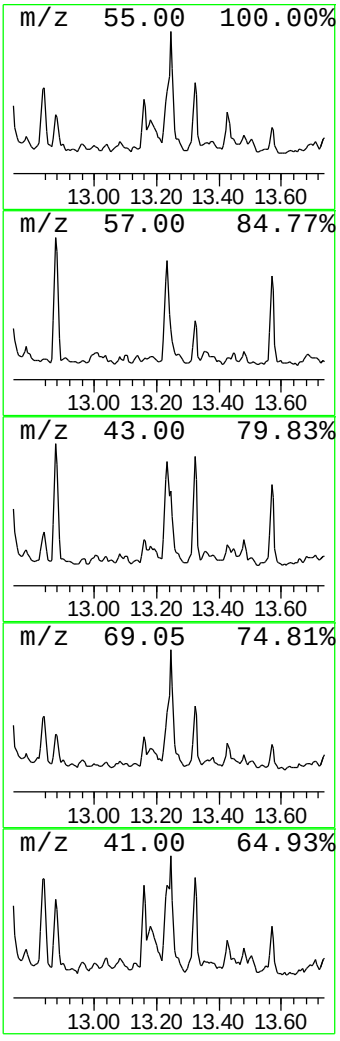
Peak Number 17 cis-13-Eicosenoic acid, met... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.24	78.79 ng	2549630	Chrysene-d12	14.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	cis-13-Eicosenoic acid, methyl e...	324	C21H40O2	1000333-52-1	99
2	9-Octadecenoic acid, (E)-	282	C18H34O2	000112-79-8	93
3	11-Eicosenoic acid, methyl ester	324	C21H40O2	003946-08-5	93
4	Methyl 5-eicosenoate	324	C21H40O2	1000336-48-3	87
5	9-Octadecenoic acid, methyl este...	296	C19H36O2	001937-62-8	83





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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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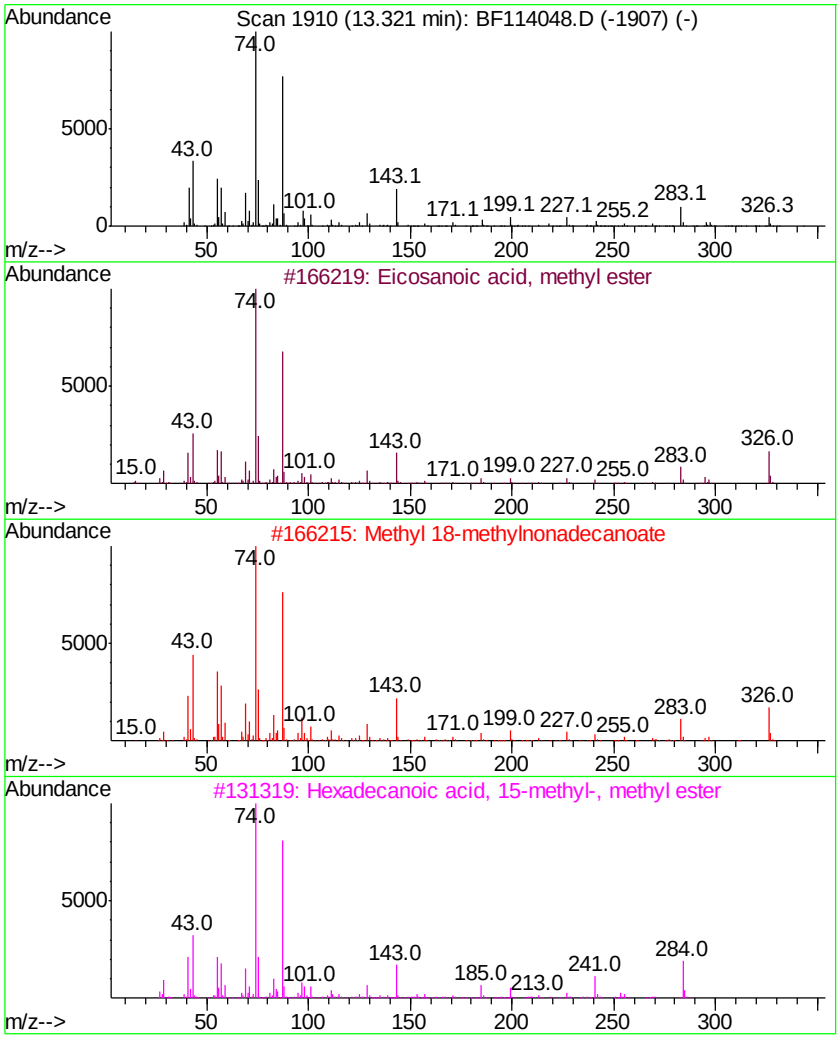
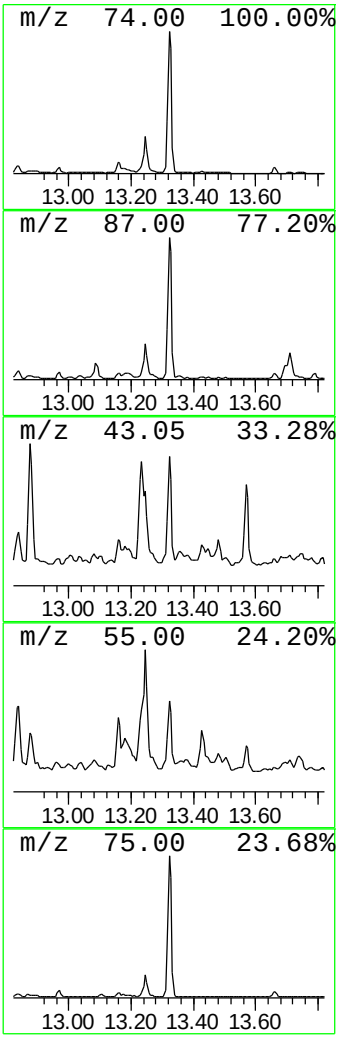
Peak Number 18 Eicosanoic acid, methyl ester Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.32	40.01 ng	1294800	Chrysene-d12	14.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosanoic acid, methyl ester	326	C21H42O2	001120-28-1	98
2	Methyl 18-methylnonadecanoate	326	C21H42O2	1000352-20-6	94
3	Hexadecanoic acid, 15-methyl-, m...	284	C18H36O2	006929-04-0	90
4	Methyl stearate	298	C19H38O2	000112-61-8	87
5	Nonadecanoic acid, methyl ester	312	C20H40O2	001731-94-8	83





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

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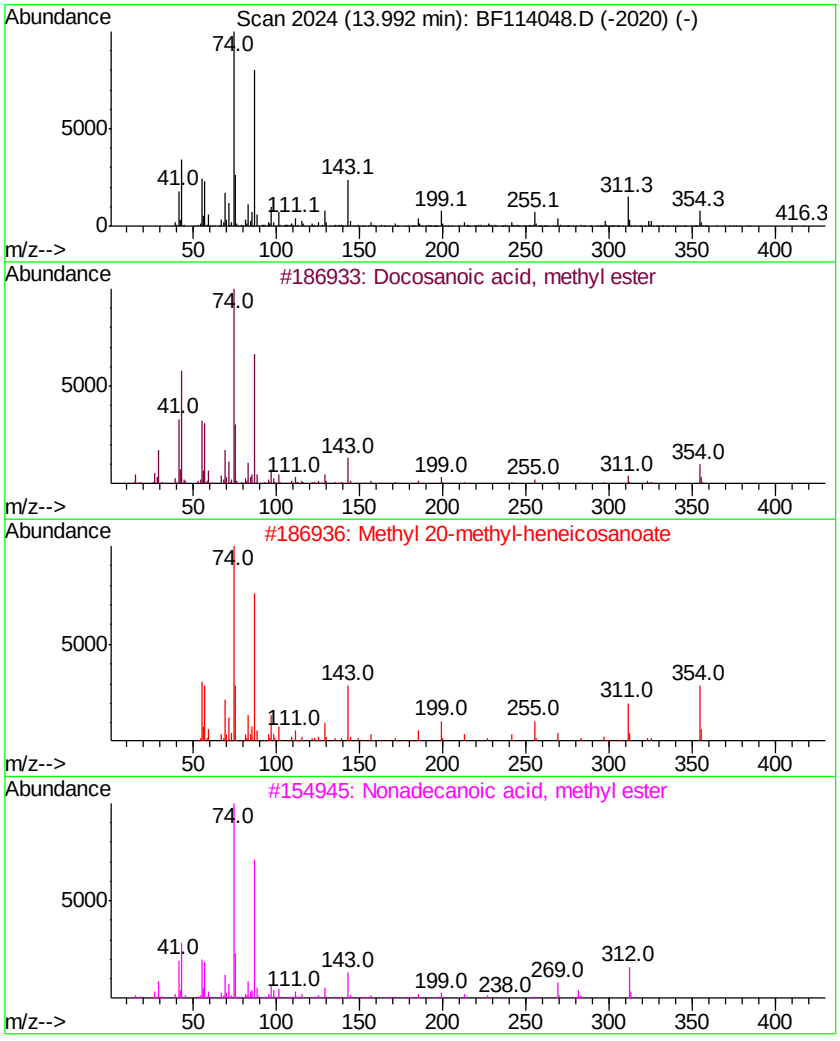
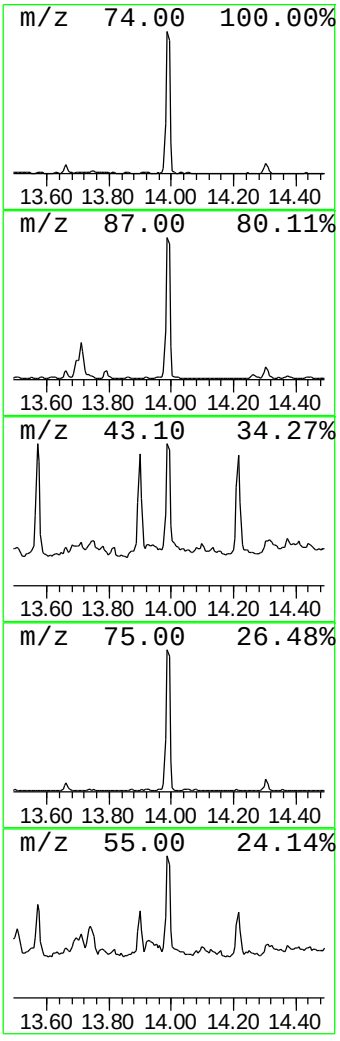
Peak Number 19 Docosanoic acid, methyl ester Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.99	31.41 ng	1016420	Chrysene-d12	14.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosanoic acid, methyl ester	354	C23H46O2	000929-77-1	98
2	Methyl 20-methyl-heneicosanoate	354	C23H46O2	1000336-47-4	95
3	Nonadecanoic acid, methyl ester	312	C20H40O2	001731-94-8	93
4	Hexadecanoic acid, 15-methyl-, m...	284	C18H36O2	006929-04-0	83
5	Heptadecanoic acid, methyl ester	284	C18H36O2	001731-92-6	72





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF043019\
Data File : BF114048.D
Acq On : 30 Apr 2019 17:56
Operator : JU/SJ
Sample : K2194-11 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-03-042919-F

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

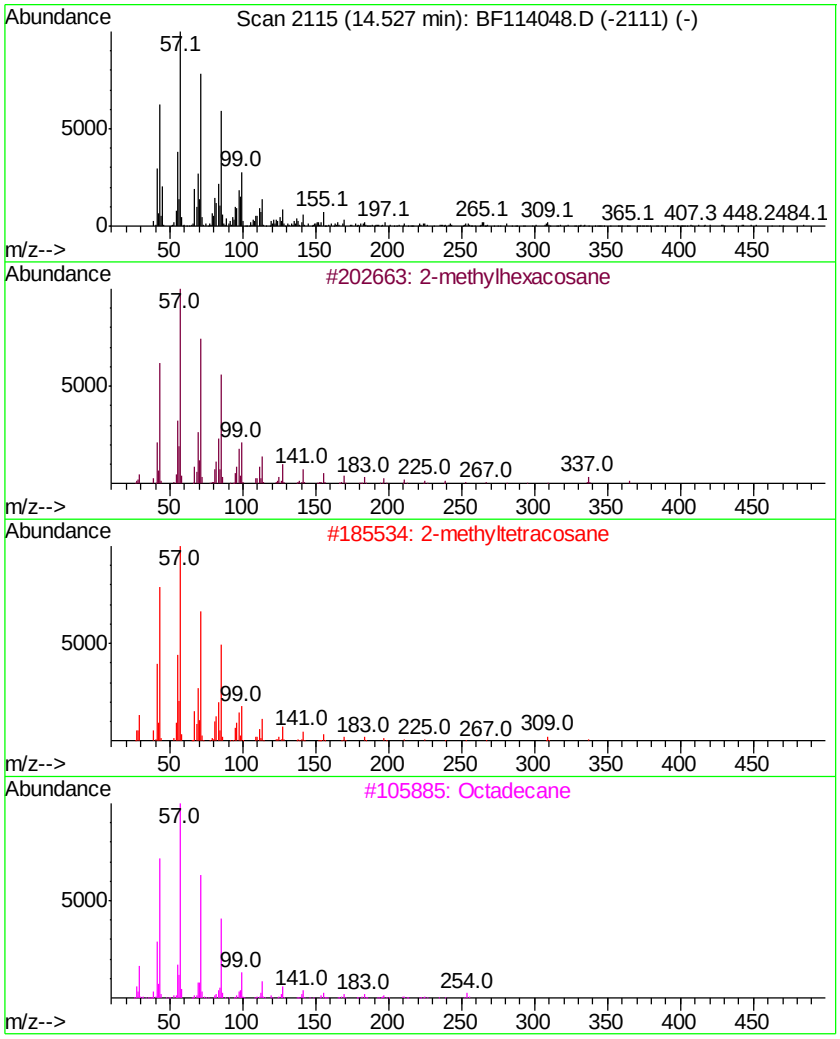
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

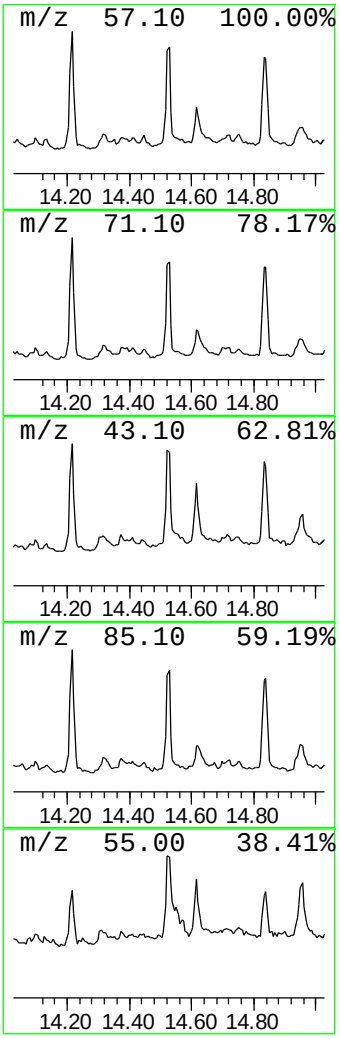
****

Peak Number 20 2-methylhexacosane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.53	32.05 ng	1037040	Chrysene-d12	14.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-methylhexacosane	380	C27H56	1000376-72-7	90
2	2-methyltetracosane	352	C25H52	1000376-72-6	90
3	Octadecane	254	C18H38	000593-45-3	86
4	Octacosane	394	C28H58	000630-02-4	83
5	Heneicosane	296	C21H44	000629-94-7	83





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF043019\
Data File : BF114048.D
Acq On : 30 Apr 2019 17:56
Operator : JU/SJ
Sample : K2194-11 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-03-042919-F

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042219.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	38.7	ng	1253980	1	6.89	647595	20.0
Tetradecane	9.33	31.7	ng	1424790	3	9.93	899785	20.0
Pentadecane	9.86	36.8	ng	1656800	3	9.93	899785	20.0
Hexadecane	10.36	46.8	ng	2106090	3	9.93	899785	20.0
Pentadecane, 2,6,...	10.58	26.8	ng	1204910	3	9.93	899785	20.0
Decane, 5-propyl-	10.83	44.7	ng	2441870	4	11.42	1093430	20.0
Heneicosane	11.28	30.1	ng	1646510	4	11.42	1093430	20.0
Nonadecane	11.71	27.3	ng	1493700	4	11.42	1093430	20.0
Hexadecanoic acid...	11.82	204.1	ng	11160800	4	11.42	1093430	20.0
n-Hexadecanoic acid	11.96	27.3	ng	1492700	4	11.42	1093430	20.0
9-Octadecenoic ac...	12.56	837.2	ng	45770200	4	11.42	1093430	20.0
Methyl stearate	12.62	111.6	ng	6103660	4	11.42	1093430	20.0
cis-13-Octadeceno...	12.67	135.6	ng	7410990	4	11.42	1093430	20.0
Methyl 5,11,14-ei...	13.16	34.2	ng	1106630	5	14.06	647167	20.0
Methyl 9.cis.,11....	13.18	41.8	ng	1352250	5	14.06	647167	20.0
cis-13-Eicosenoic...	13.24	78.8	ng	2549630	5	14.06	647167	20.0
Eicosanoic acid, ...	13.32	40.0	ng	1294800	5	14.06	647167	20.0
Docosanoic acid, ...	13.99	31.4	ng	1016420	5	14.06	647167	20.0
2-methylhexacosane	14.53	32.0	ng	1037040	5	14.06	647167	20.0