LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF043019\
Data File : BF114049.D
Acq On : 30 Apr 2019 18:23
Operator : JU/SJ
Sample : K2194-13 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

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

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	578	583	595	rBV	1051223	1078821	2.51%	0.959%
2	6.516	749	753	771	rVB	1478308	1475360	3.43%	1.311%
3	6.663	774	778	781	rBV	1787154	1475507	3.43%	1.311%
4	6.892	814	817	825	rVB	1018992	815156	1.90%	0.724%
5	7.051	840	844	847	rBV	1272483	1064936	2.48%	0.946%
6	7.445	904	911	915	rBV	722330	763616	1.78%	0.679%
7	8.163	1030	1033	1034	rVV	772085	798256	1.86%	0.709%
8	8.175	1034	1035	1041	rVV	1065023	849444	1.98%	0.755%
9	8.769	1133	1136	1140	rBV	1126894	948381	2.21%	0.843%
10	9.251	1214	1218	1221	rBV	1716919	1471278	3.42%	1.307%
11	9.333	1228	1232	1236	rBV	1315434	1202915	2.80%	1.069%
12	9.657	1282	1287	1289	rVV3	537987	841977	1.96%	0.748%
13	9.863	1315	1322	1325	rBV	1512347	1365340	3.18%	1.213%
14	9.933	1331	1334	1336	rVB	1085471	919061	2.14%	0.817%
15	10.186	1373	1377	1381	rBV5	326662	472609	1.10%	0.420%
16	10.363	1401	1407	1410	rBV	1592086	1381139	3.22%	1.227%
17	10.586	1439	1445	1450	rBV	500646	798188	1.86%	0.709%
18	10.716	1462	1467	1471	rVV2	934129	958691	2.23%	0.852%
19	10.833	1484	1487	1497	rBV	1310839	1643907	3.83%	1.461%
20	11.280	1560	1563	1566	rBV	1423434	1292714	3.01%	1.149%
21	11.316	1566	1569	1575	rVB	637960	698717	1.63%	0.621%
22	11.416	1583	1586	1589	rBV	1385865	1258902	2.93%	1.119%
23	11.710	1633	1636	1638	rBV	1404680	1204338	2.80%	1.070%
24	11.727	1638	1639	1643	rVB2	639825	484565	1.13%	0.431%
25	11.821	1649	1655	1658	rBV	8995005	10974386	25.55%	9.752%
26	11.957	1673	1678	1684	rBV2	1135972	1545481	3.60%	1.373%
27	12.116	1700	1705	1710	rVB2	1305863	1282334	2.99%	1.139%
28	12.557	1766	1780	1783	rVV4	10007741	42958869	100.00%	38.174%
29	12.580	1783	1784	1786	rVV	815288	609378	1.42%	0.541%
30	12.610	1786	1789	1792	rVV	6130035	5941303	13.83%	5.279%
31	12.674	1792	1800	1805	rVV3	3749368	7717366	17.96%	6.858%
32	12.739	1809	1811	1815	rVB	658253	633490	1.47%	0.563%
33	12.839	1824	1828	1831	rBV	1598635	1508832	3.51%	1.341%
34	12.880	1831	1835	1841	rVB2	934219	1252336	2.92%	1.113%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF043019\
Data File : BF114049.D
Acq On : 30 Apr 2019 18:23
Operator : JU/SJ
Sample : K2194-13 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

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

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	13.004	1853	1856	1859	rBV	1984697	1866216	4.34%	1.658%
36	13.163	1880	1883	1885	rBV	1147159	1164998	2.71%	1.035%
37	13.180	1885	1886	1892	rVV3	720475	1151066	2.68%	1.023%
38	13.245	1892	1897	1904	rVB2	1416861	2457268	5.72%	2.184%
39	13.327	1908	1911	1914	rVB	1214383	1111735	2.59%	0.988%
40	13.504	1939	1941	1945	rVB3	443770	465020	1.08%	0.413%
41	13.745	1979	1982	1986	rVB2	355036	490486	1.14%	0.436%
42	13.992	2021	2024	2031	rBV	822157	798465	1.86%	0.710%
43	14.062	2032	2036	2038	rVV	721480	738405	1.72%	0.656%
44	14.527	2112	2115	2122	rBV2	594929	940861	2.19%	0.836%
45	14.957	2184	2188	2199	rVB	700874	1183721	2.76%	1.052%
46	15.551	2286	2289	2291	rBV	418920	479915	1.12%	0.426%

Sum of corrected areas: 112535749

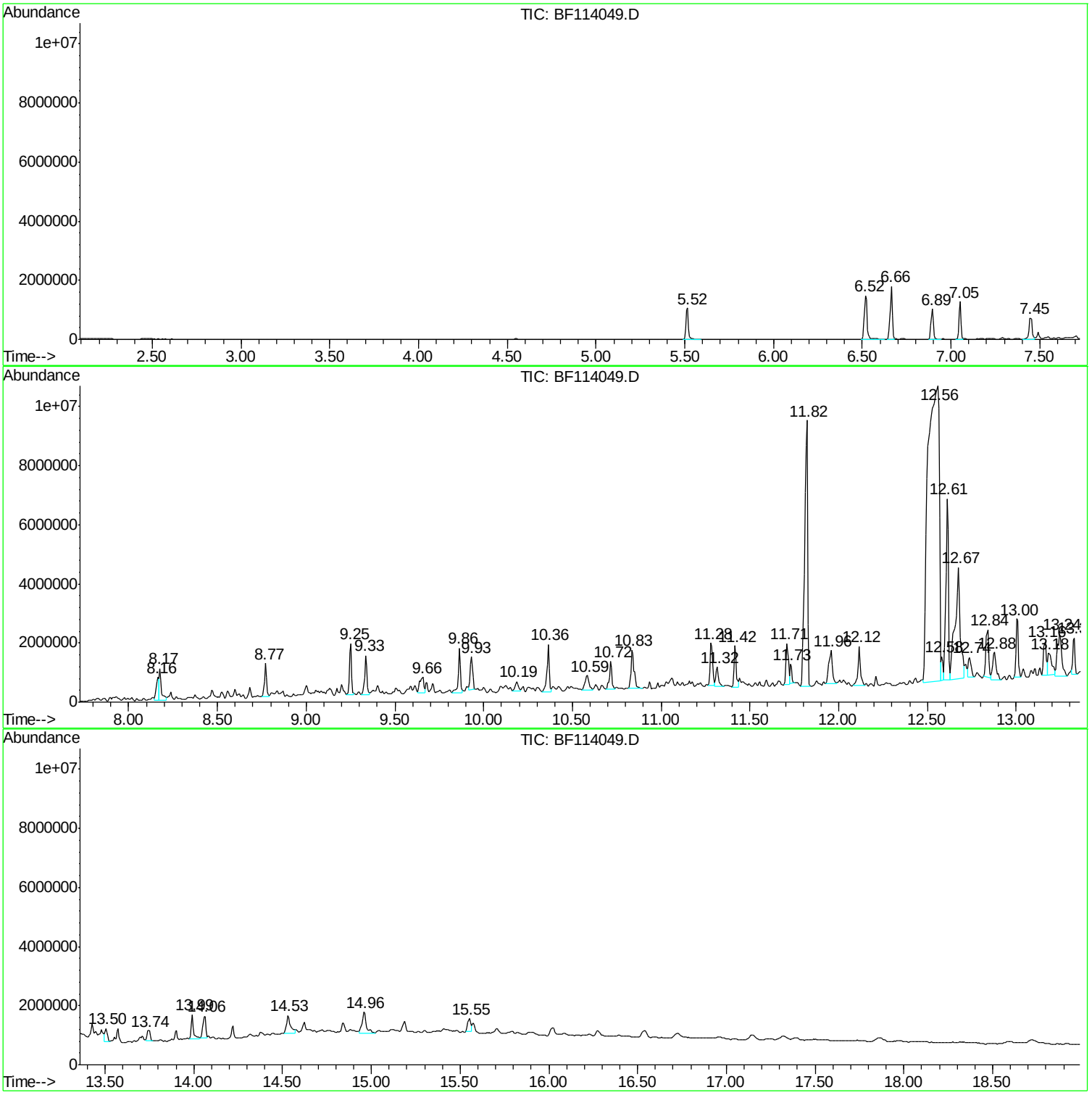
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF043019\
Data File : BF114049.D
Acq On : 30 Apr 2019 18:23
Operator : JU/SJ
Sample : K2194-13 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

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

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 : BF114049.D
Acq On : 30 Apr 2019 18:23
Operator : JU/SJ
Sample : K2194-13 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

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

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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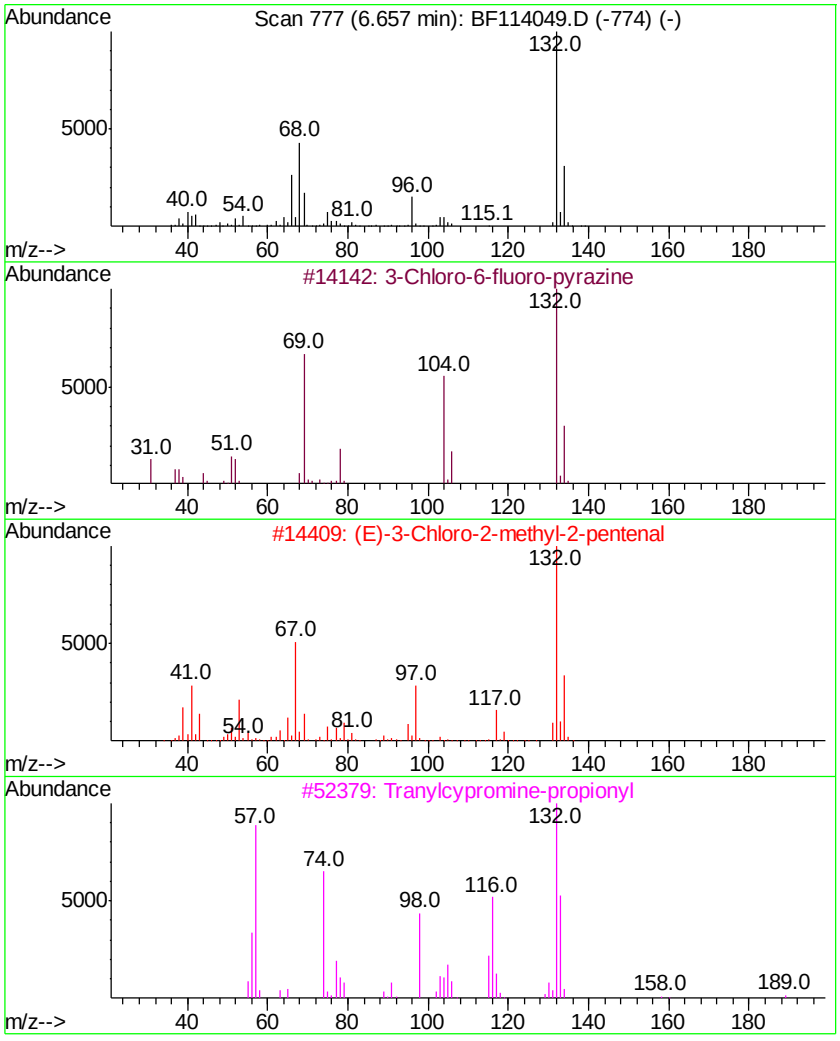
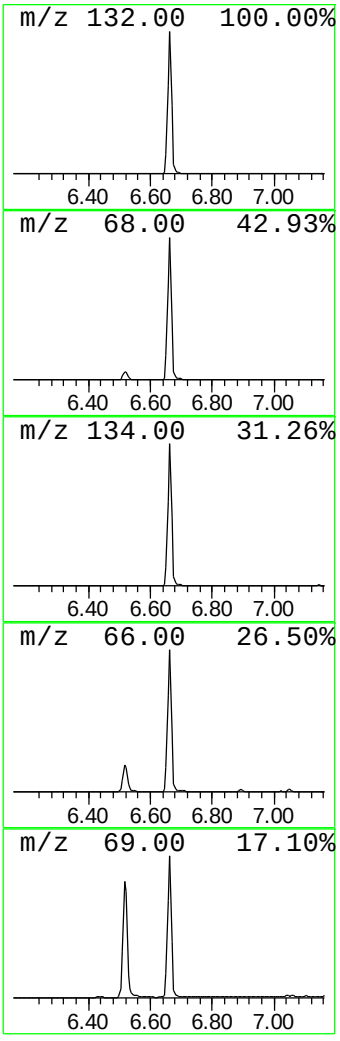
Peak Number 1 unknown6.66 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.66	36.20 ng	1475510	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	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	12
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9
5	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF043019\
Data File : BF114049.D
Acq On : 30 Apr 2019 18:23
Operator : JU/SJ
Sample : K2194-13 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

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

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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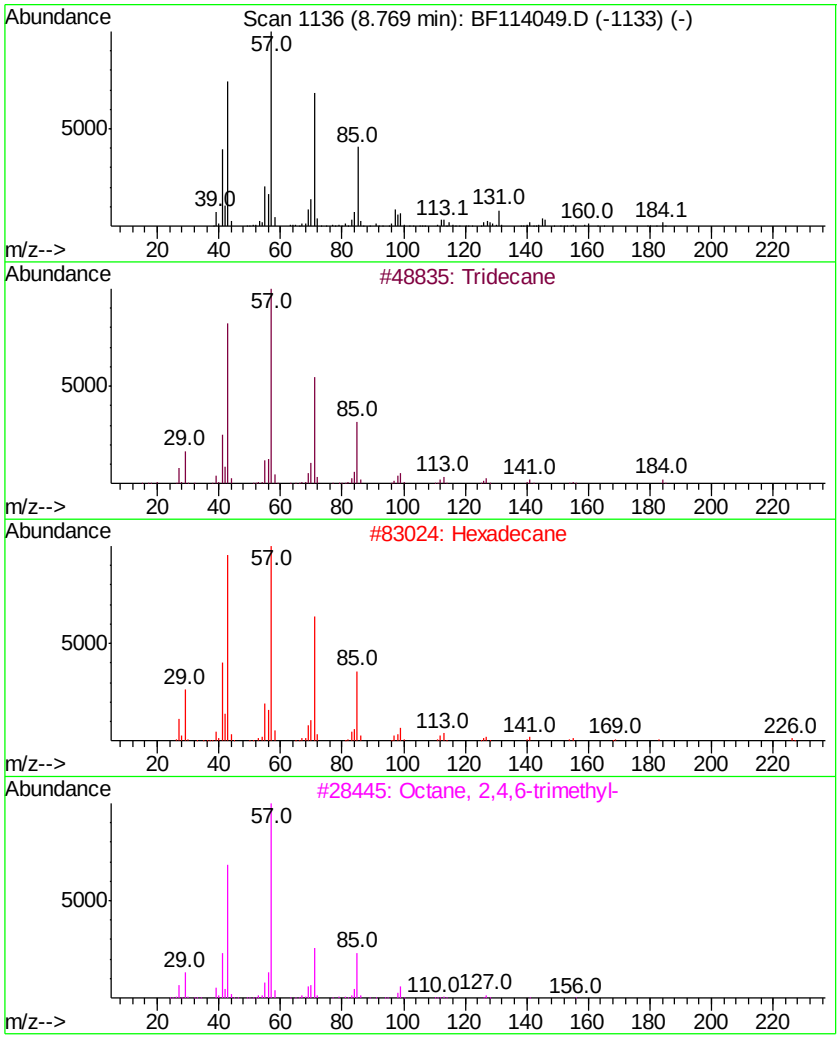
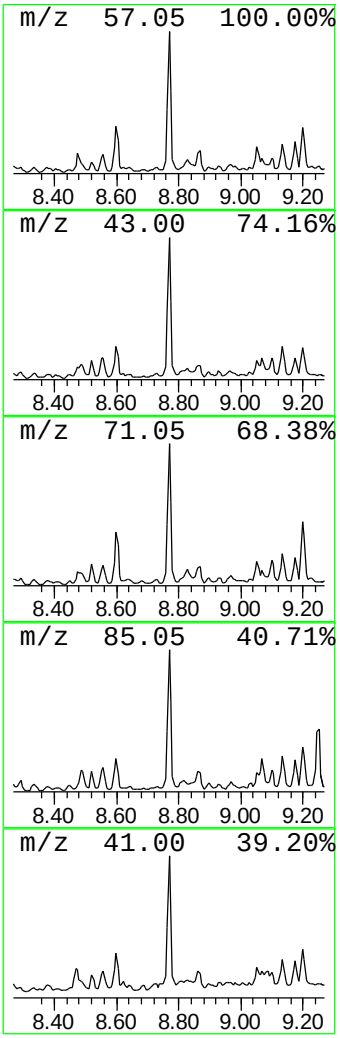
Peak Number 3 Tridecane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.77	22.33 ng	948381	Naphthalene-d8	8.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	95
2	Hexadecane	226	C16H34	000544-76-3	83
3	Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	80
4	Octacosane	394	C28H58	000630-02-4	72
5	Nonane, 5-(2-methylpropyl)-	184	C13H28	062185-53-9	64





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF043019\
Data File : BF114049.D
Acq On : 30 Apr 2019 18:23
Operator : JU/SJ
Sample : K2194-13 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

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

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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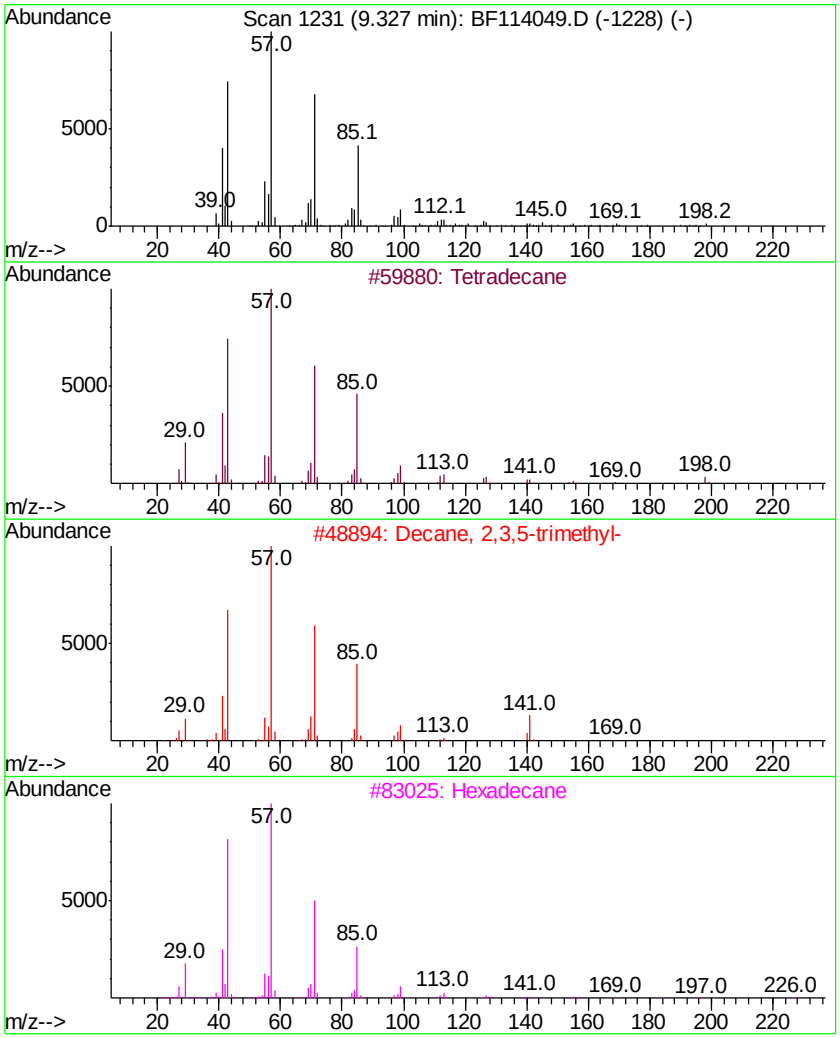
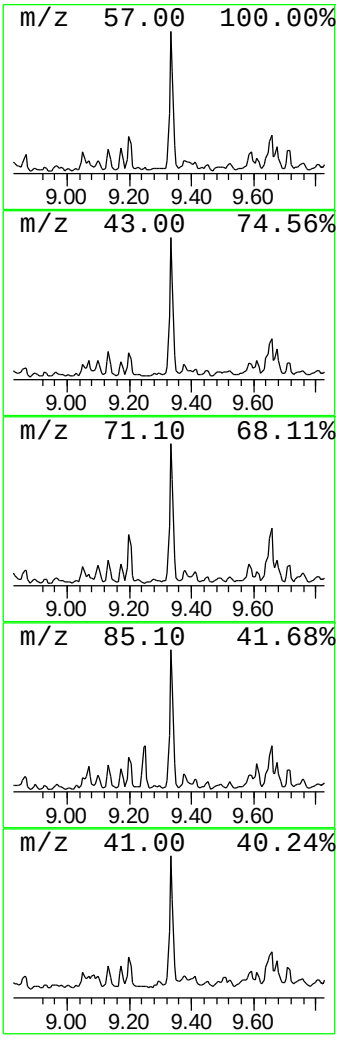
Peak Number 4 Tetradecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.33	26.18 ng	1202920	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	90
3	Hexadecane	226	C16H34	000544-76-3	80
4	Tridecane	184	C13H28	000629-50-5	72
5	Sulfurous acid, hexyl pentyl ester	236	C11H24O3S	1000309-14-1	59





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF043019\
Data File : BF114049.D
Acq On : 30 Apr 2019 18:23
Operator : JU/SJ
Sample : K2194-13 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

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

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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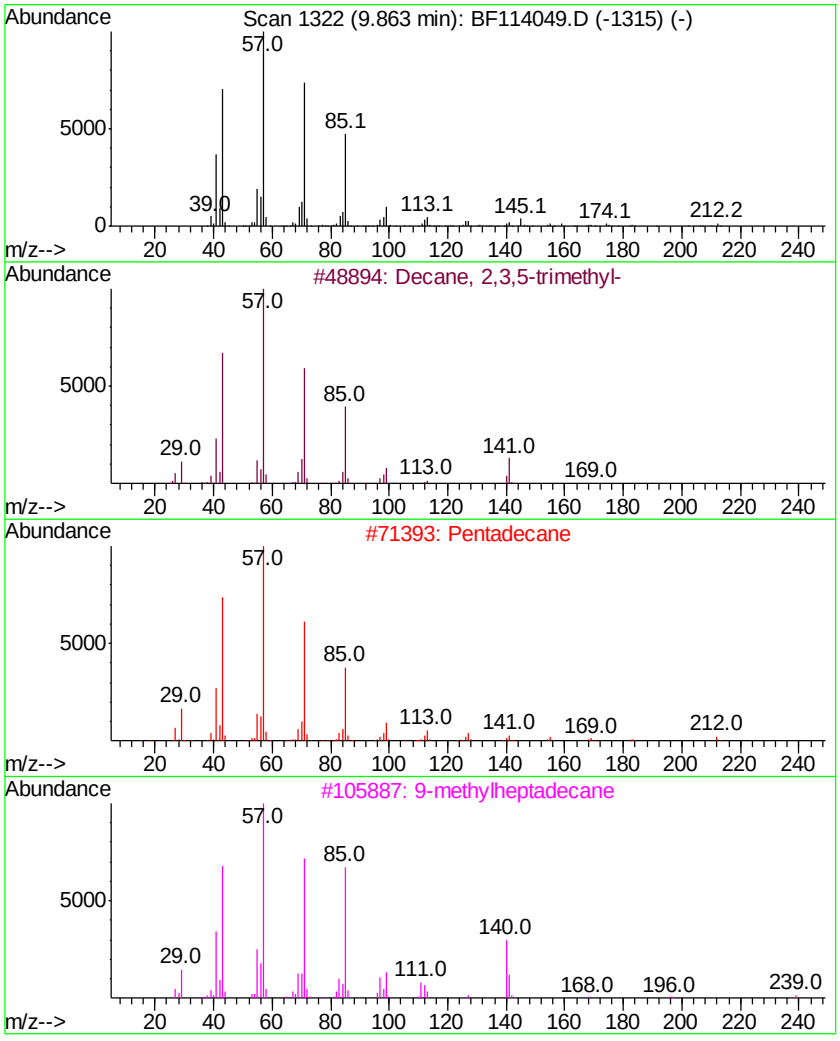
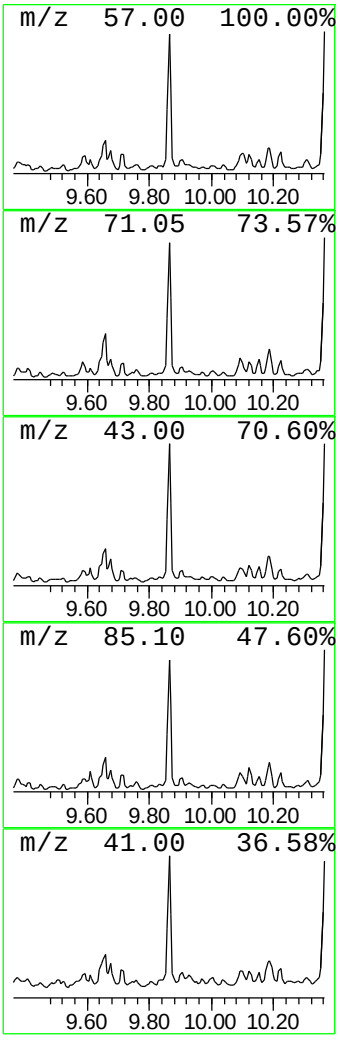
Peak Number 5 Decane, 2,3,5-trimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.86	29.71 ng	1365340	Acenaphthene-d10	9.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	90
2	Pentadecane	212	C15H32	000629-62-9	90
3	9-methylheptadecane	254	C18H38	026741-18-4	90
4	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86
5	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	83





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF043019\
Data File : BF114049.D
Acq On : 30 Apr 2019 18:23
Operator : JU/SJ
Sample : K2194-13 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

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

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

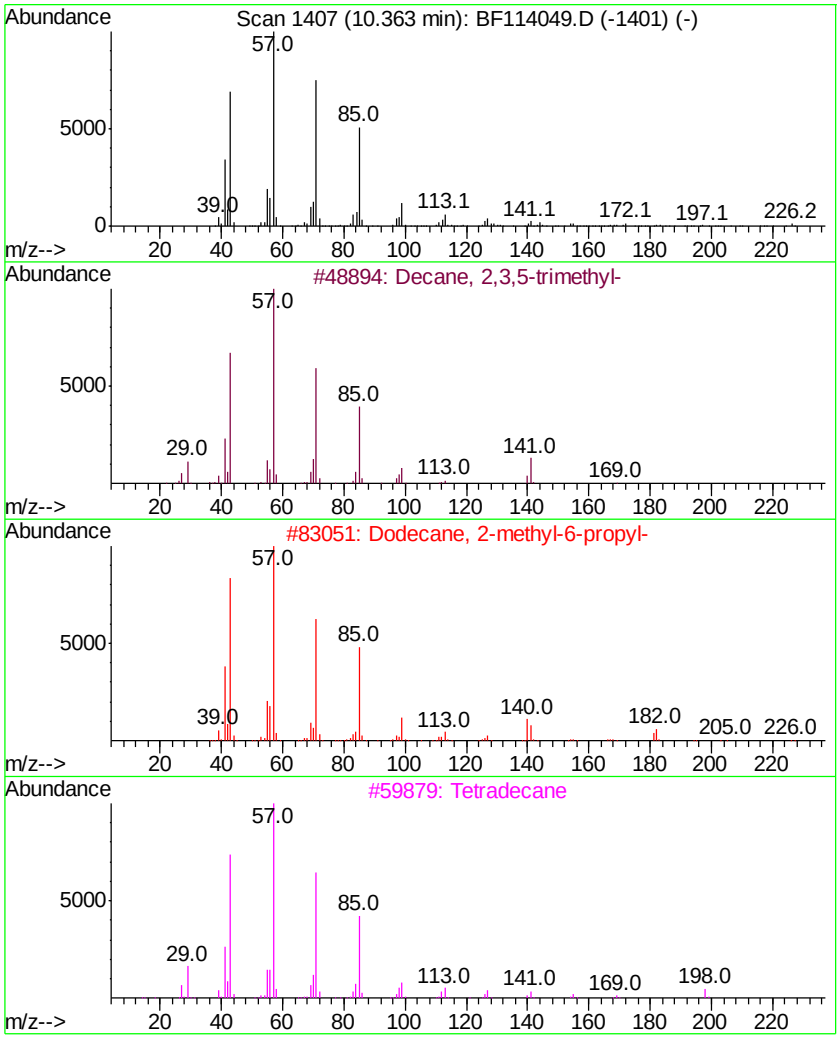
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

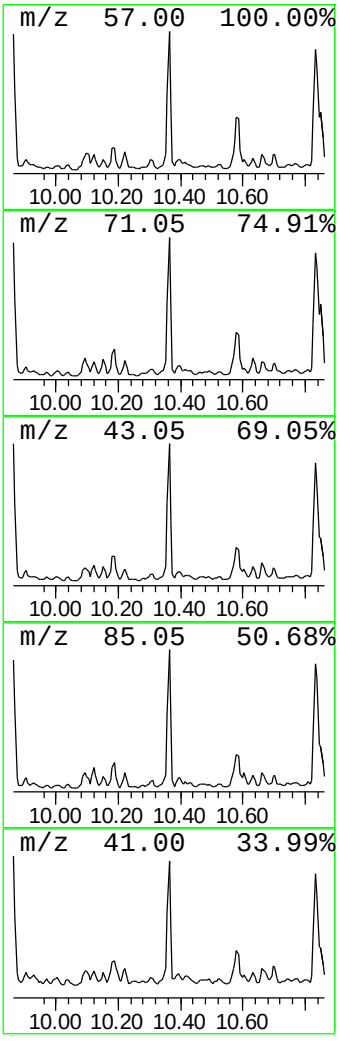
****

Peak Number 6 Dodecane, 2-methyl-6-propyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.36	30.06 ng	1381140	Acenaphthene-d10	9.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	90
2	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	90
3	Tetradecane	198	C14H30	000629-59-4	90
4	Hexadecane	226	C16H34	000544-76-3	90
5	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	86





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF043019\
Data File : BF114049.D
Acq On : 30 Apr 2019 18:23
Operator : JU/SJ
Sample : K2194-13 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

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

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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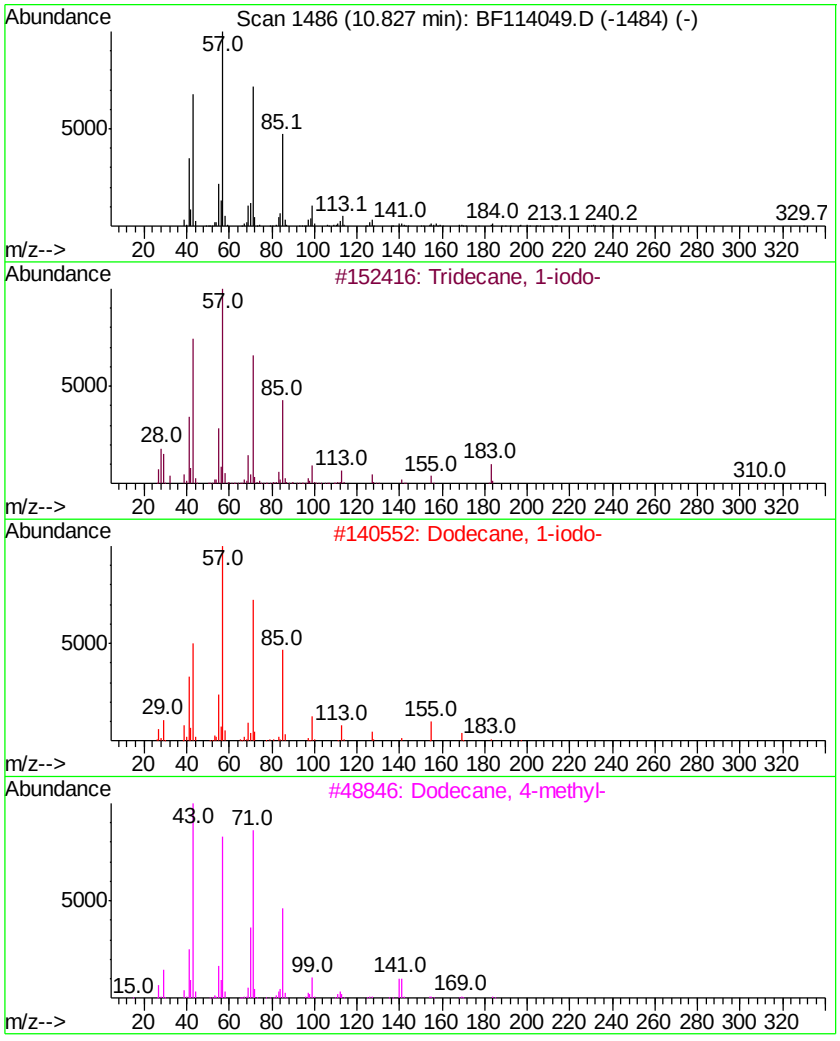
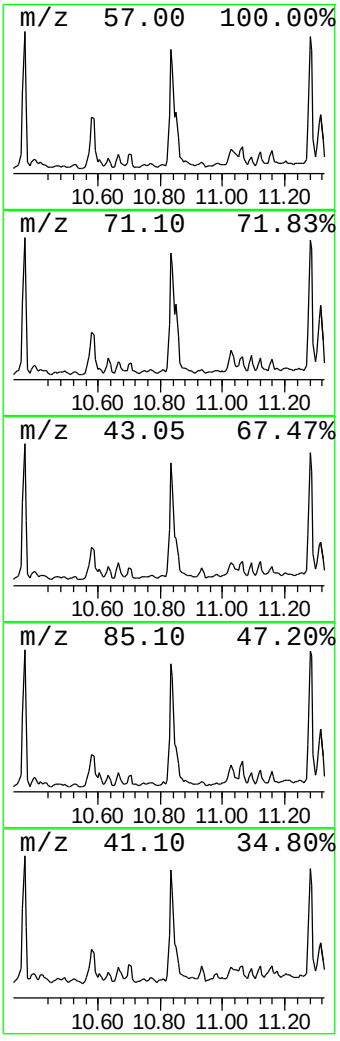
Peak Number 7 Tridecane, 1-iodo- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.83	26.12 ng	1643910	Phenanthrene-d10	11.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	90
2	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	86
3	Dodecane, 4-methyl-	184	C13H28	006117-97-1	83
4	Hexadecane, 7-methyl-	240	C17H36	026730-20-1	81
5	Tridecane, 6-methyl-	198	C14H30	013287-21-3	81





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF043019\
Data File : BF114049.D
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Operator : JU/SJ
Sample : K2194-13 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

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

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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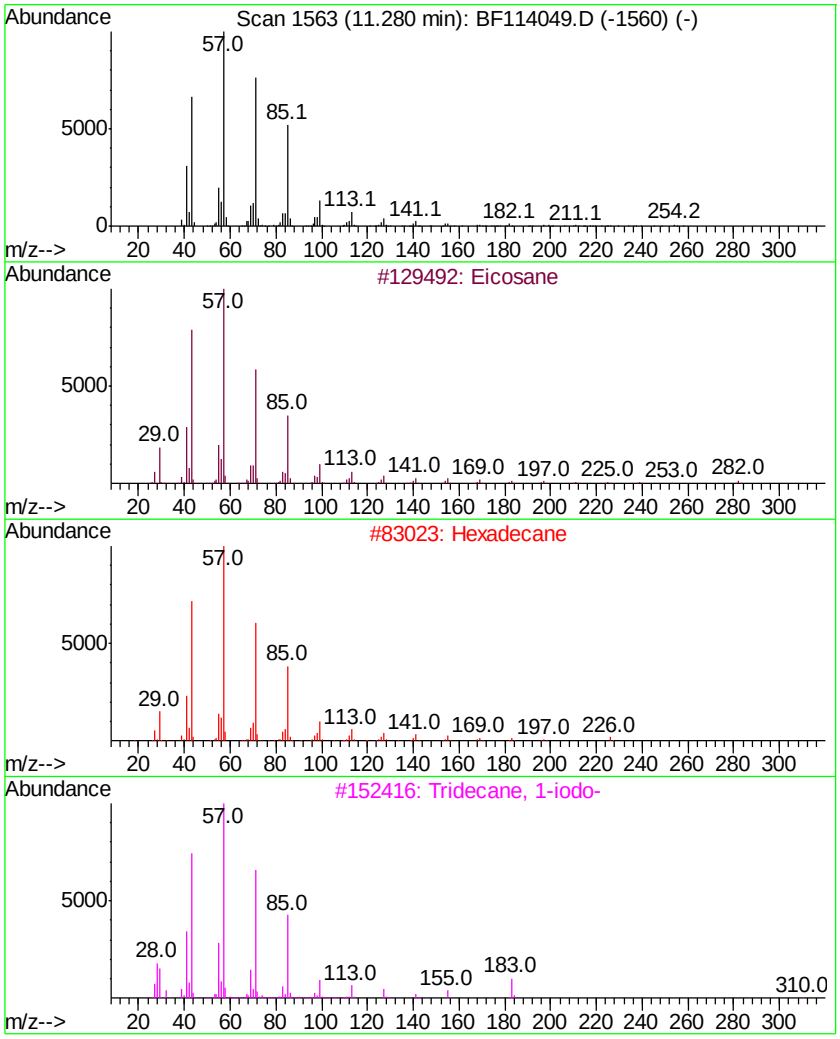
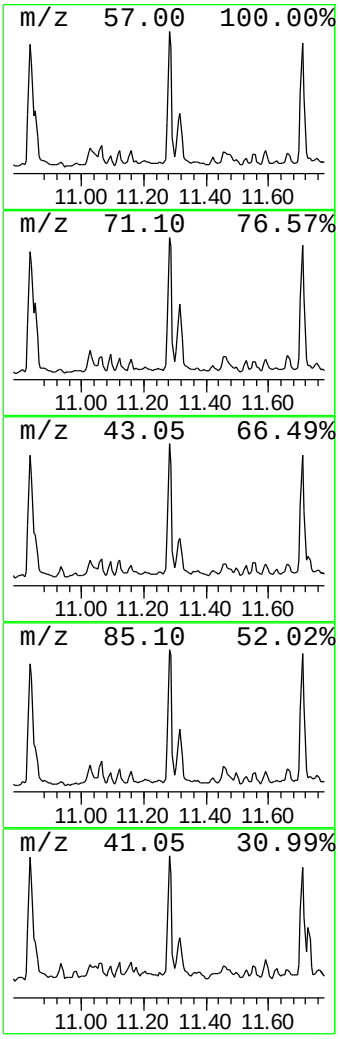
Peak Number 8 Eicosane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.28	20.54 ng	1292710	Phenanthrene-d10	11.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	90
2	Hexadecane	226	C16H34	000544-76-3	90
3	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	90
4	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	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 : BF114049.D
Acq On : 30 Apr 2019 18:23
Operator : JU/SJ
Sample : K2194-13 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

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

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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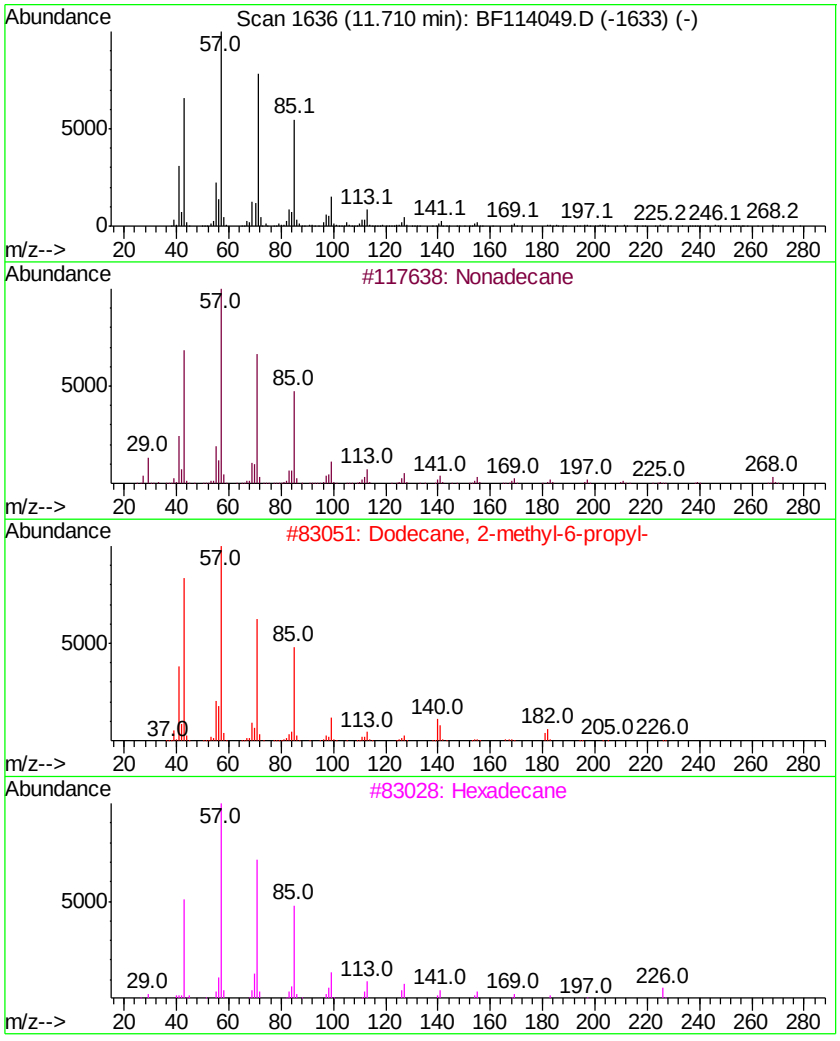
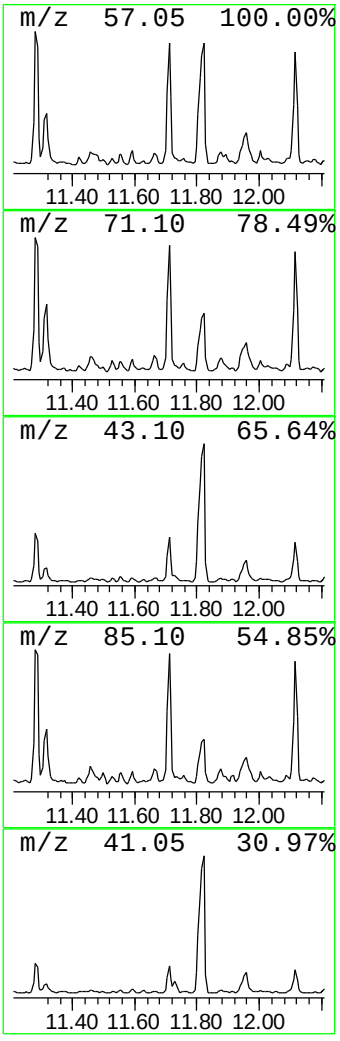
Peak Number 9 Nonadecane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.71	19.13 ng	1204340	Phenanthrene-d10	11.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	91
2	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	90
3	Hexadecane	226	C16H34	000544-76-3	90
4	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	86
5	Sulfurous acid, 2-ethylhexyl iso...	278	C14H30O3S	1000309-19-0	80





Library Search Compound Report

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Acq On : 30 Apr 2019 18:23
Operator : JU/SJ
Sample : K2194-13 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

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

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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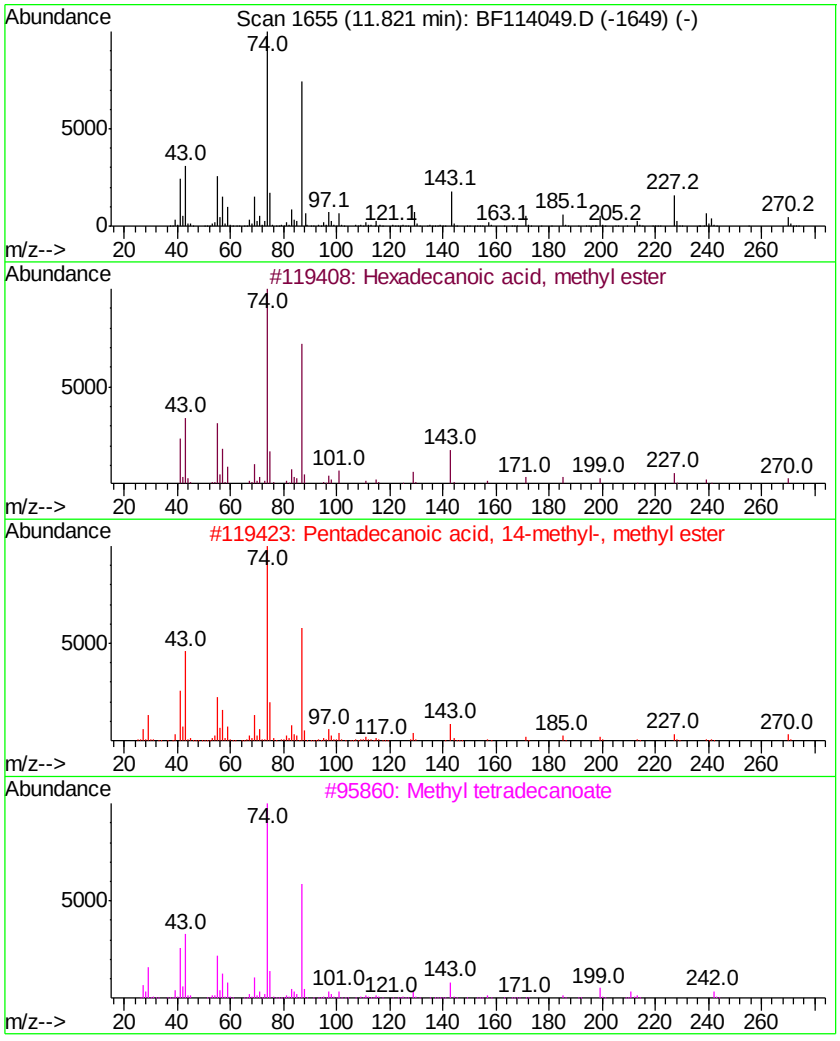
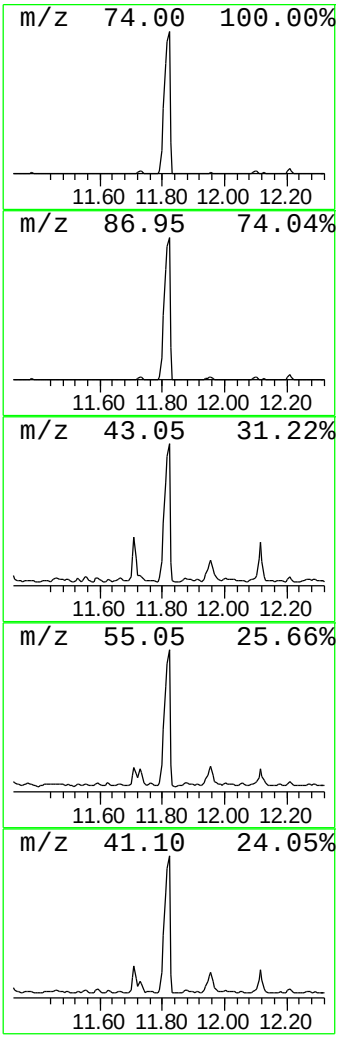
Peak Number 10 Hexadecanoic acid, methyl e... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.82	174.35 ng	10974400	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	93
4	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	90
5	Decanoic acid, methyl ester	186	C11H22O2	000110-42-9	87





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Misc :
ALS Vial : 14 Sample Multiplier: 1

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

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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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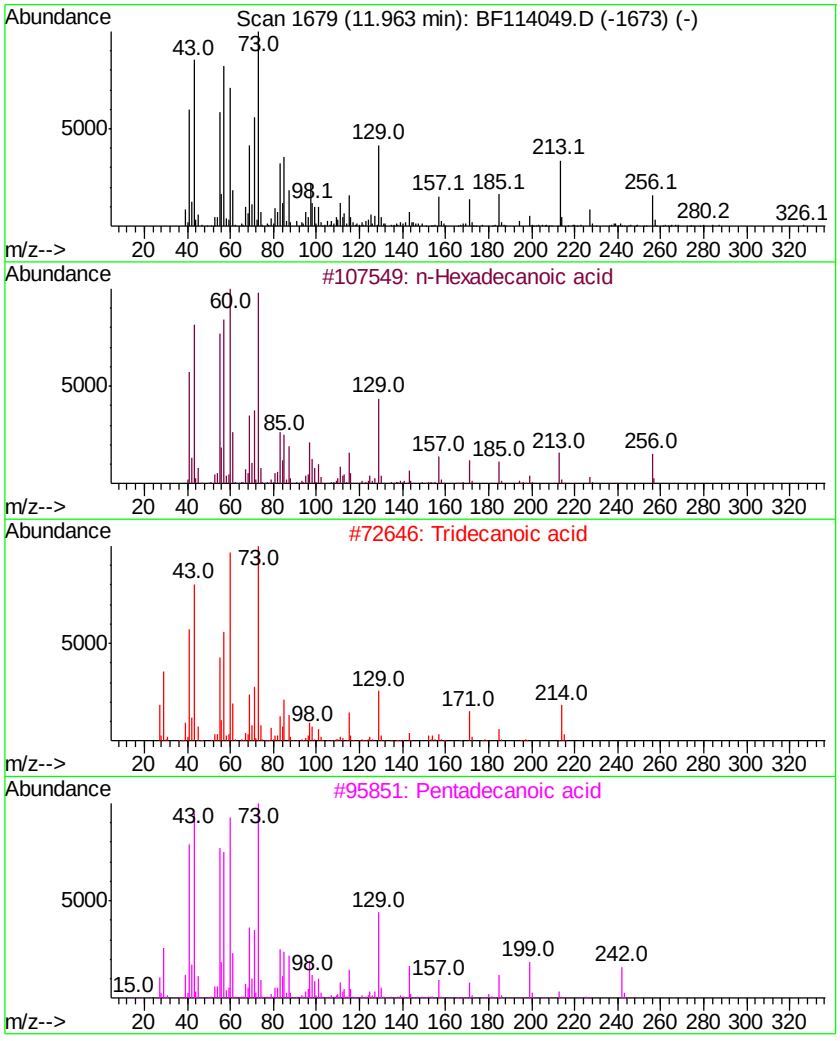
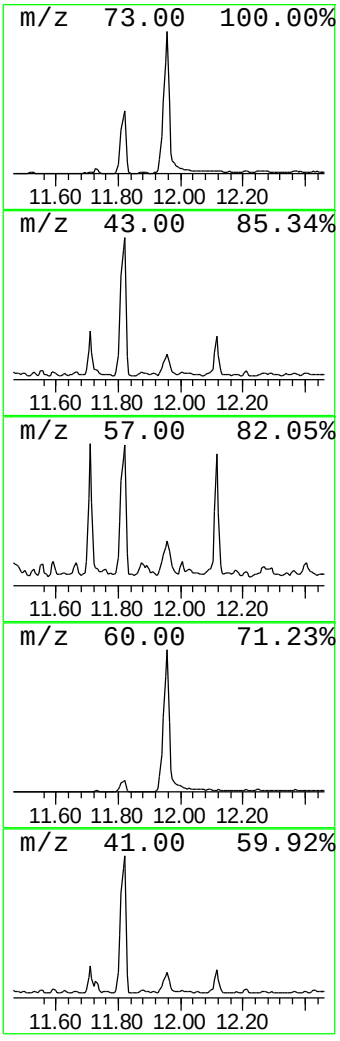
Peak Number 11 n-Hexadecanoic acid Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.96	24.55 ng	1545480	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	64
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	52





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ALS Vial : 14 Sample Multiplier: 1

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

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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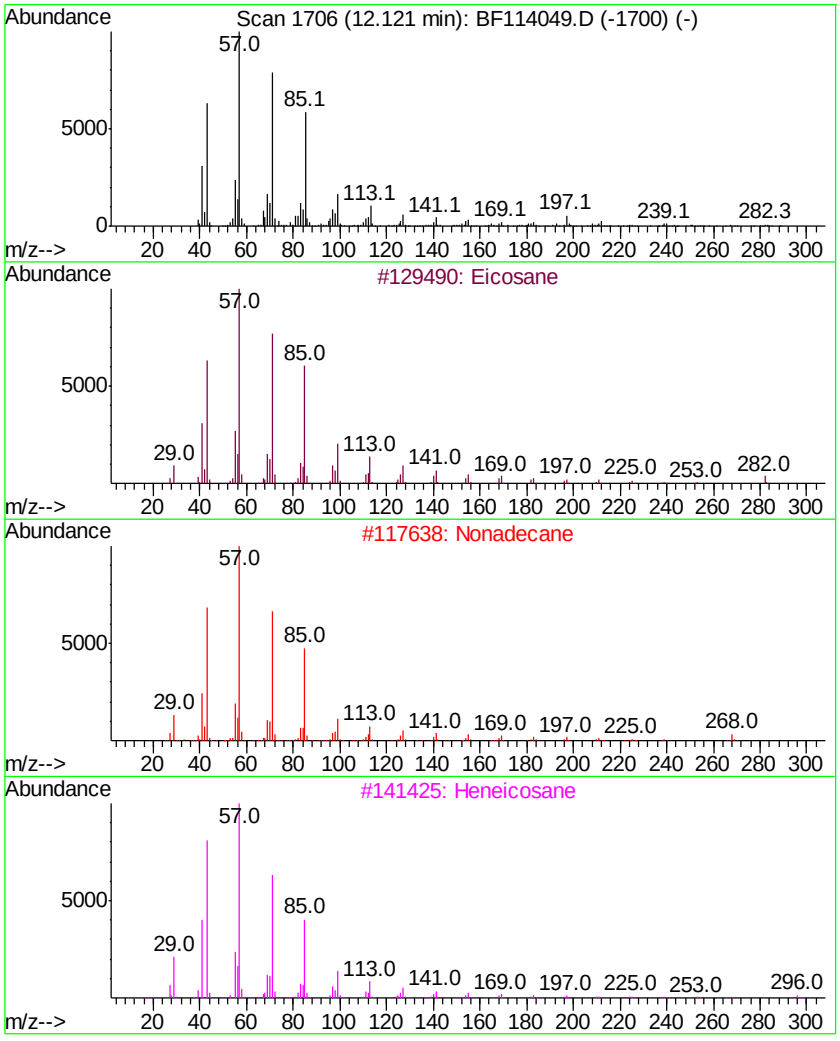
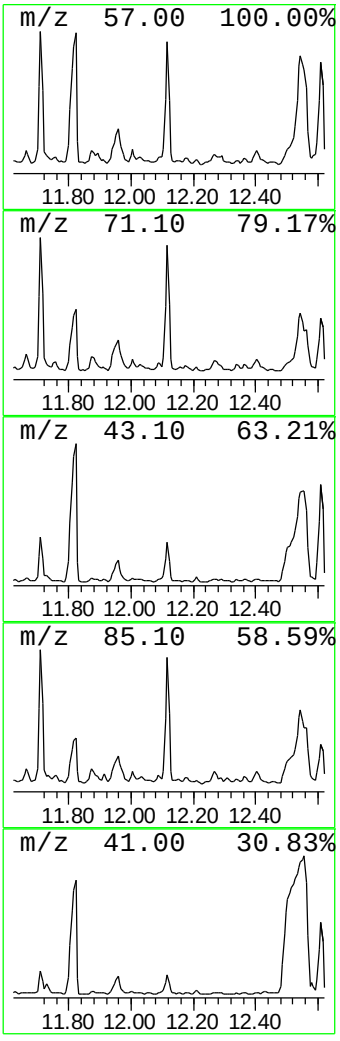
Peak Number 12 Sulfurous acid, 2-ethylhexy... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.12	20.37 ng	1282330	Phenanthrene-d10	11.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	97
2	Nonadecane	268	C19H40	000629-92-5	91
3	Heneicosane	296	C21H44	000629-94-7	91
4	Sulfurous acid, 2-ethylhexyl iso...	278	C14H30O3S	1000309-19-0	80
5	Hexadecane	226	C16H34	000544-76-3	72





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Misc :
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Instrument : BNA_F
ClientSampleId : JC-03-042919-G

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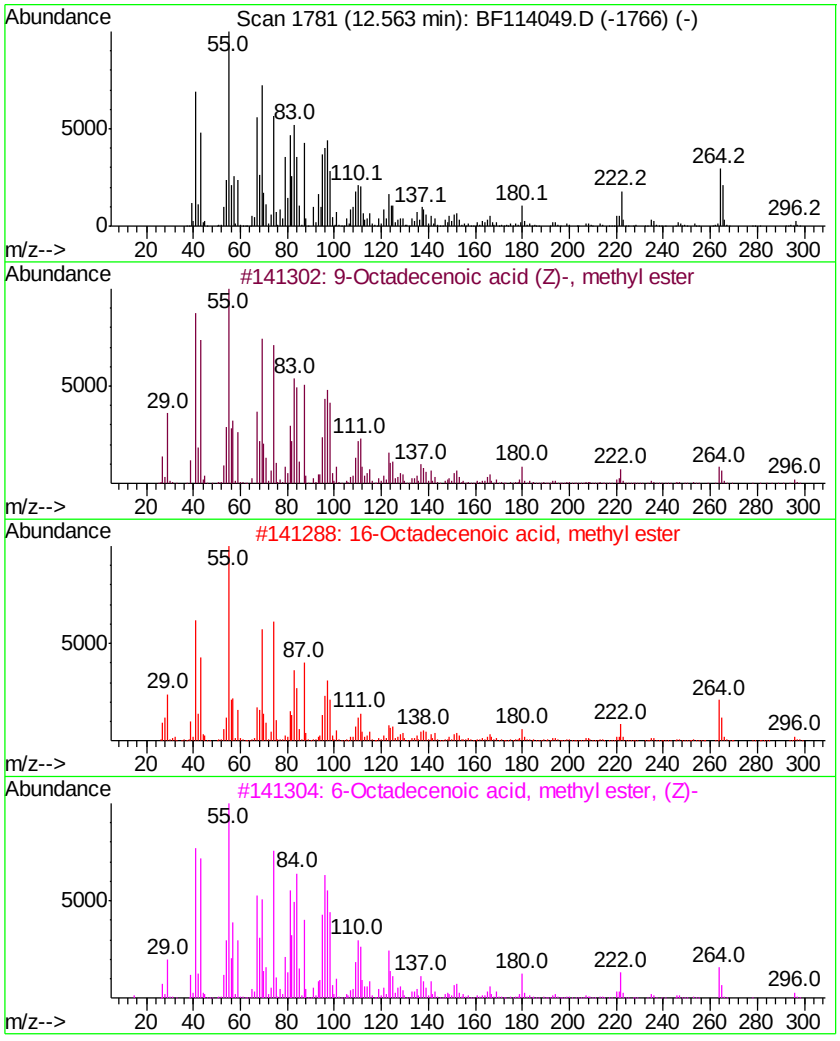
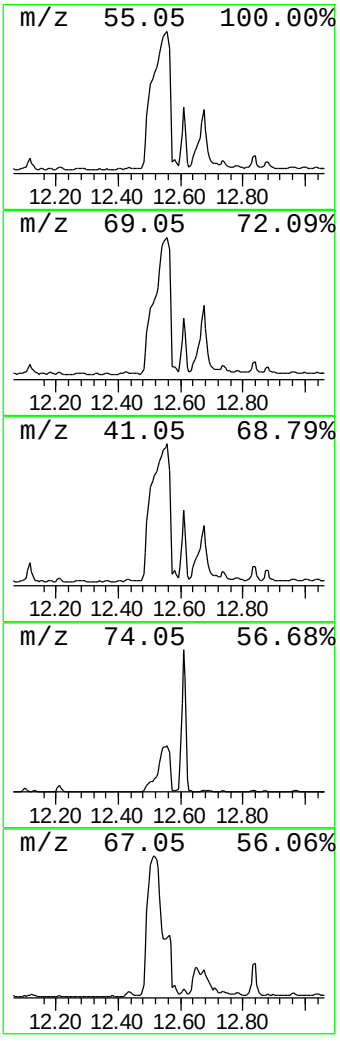
Peak Number 13 9-Octadecenoic acid (Z)-, m... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.56	682.48 ng	42958900	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	6-Octadecenoic acid, methyl ester	296	C19H36O2	052355-31-4	95
5	11-Octadecenoic acid, methyl est...	296	C19H36O2	001937-63-9	94





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Sample : K2194-13 2X
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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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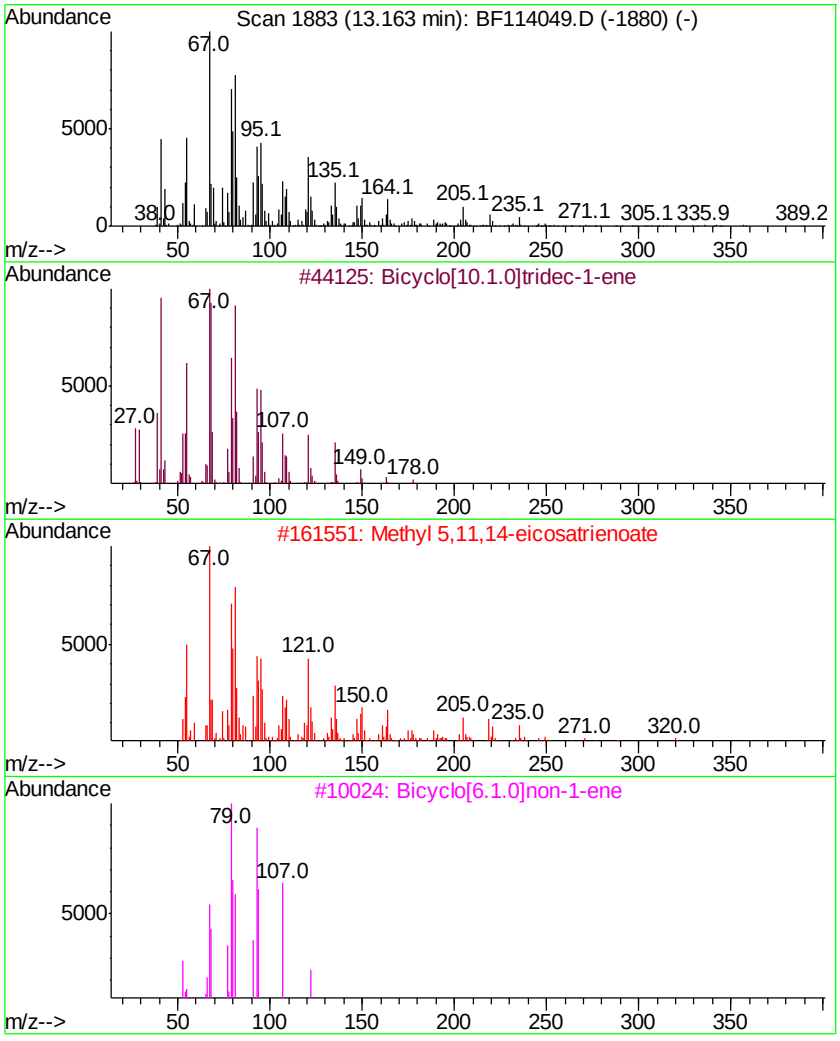
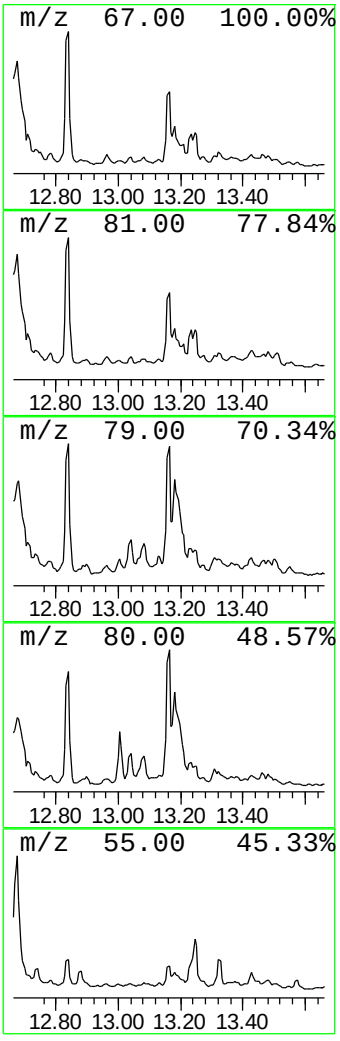
Peak Number 14 Bicyclo[10.1.0]tridec-1-ene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.16	31.55 ng	1165000	Chrysene-d12	14.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[10.1.0]tridec-1-ene	178	C13H22	054766-91-5	93
2	Methyl 5,11,14-eicosatrienoate	320	C21H36O2	1000336-40-2	91
3	Bicyclo[6.1.0]non-1-ene	122	C9H14	002570-06-1	60
4	5-Dodecyne	166	C12H22	019780-12-2	60
5	Butyl 9,12,15-octadecatrienoate	334	C22H38O2	1000336-54-6	53





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Sample : K2194-13 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

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

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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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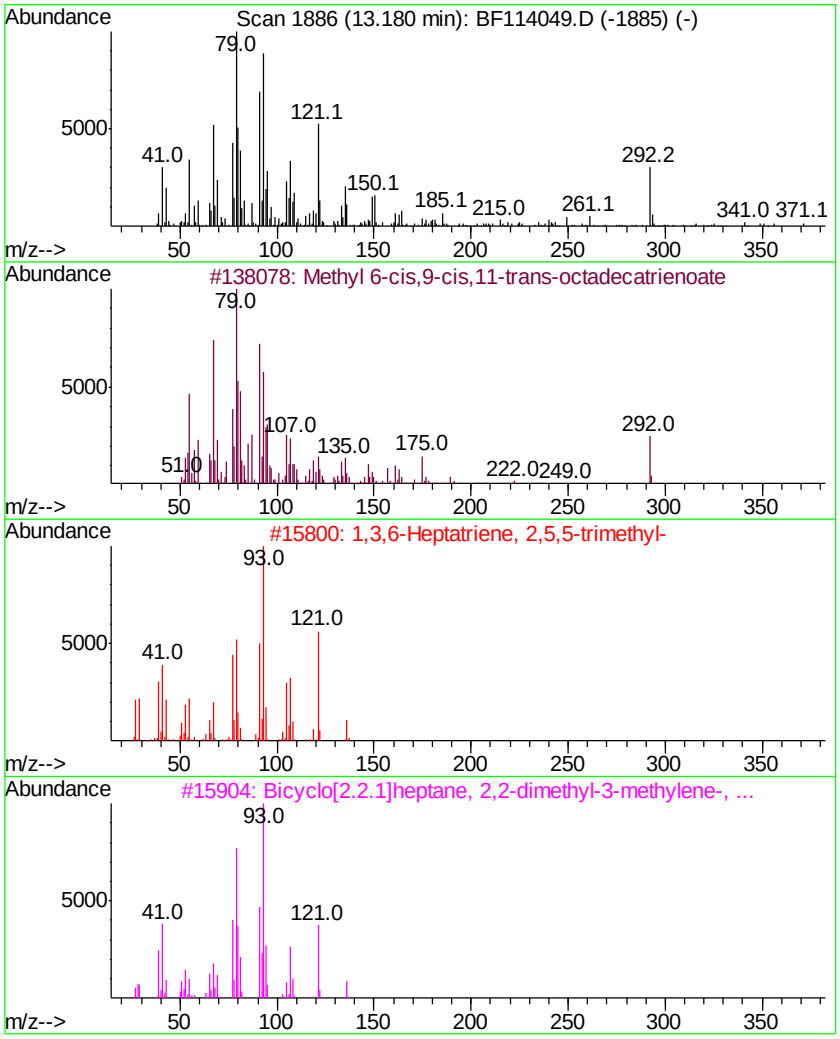
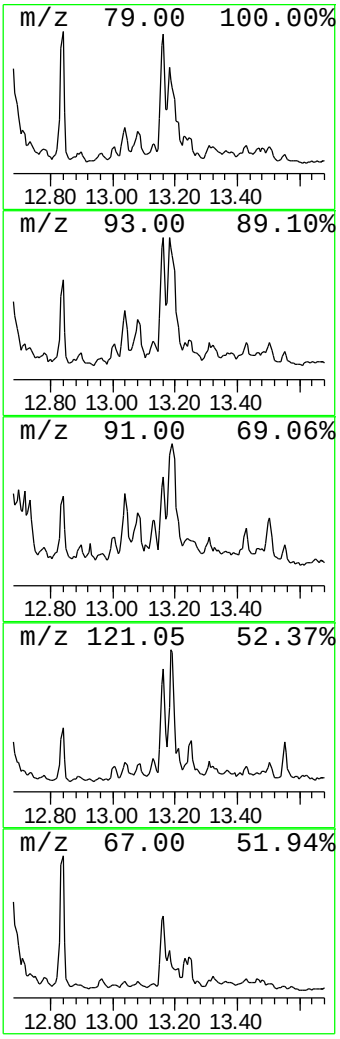
Peak Number 15 Methyl 6-cis,9-cis,11-trans... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.18	31.18 ng	1151070	Chrysene-d12	14.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl 6-cis,9-cis,11-trans-octa...	292	C19H32O2	1000336-37-7	68
2	1,3,6-Heptatriene, 2,5,5-trimethyl-	136	C10H16	029548-02-5	55
3	Bicyclo[2.2.1]heptane, 2,2-dimet...	136	C10H16	005794-03-6	50
4	n-Propyl 9,12,15-octadecatrienoate	320	C21H36O2	1000336-79-4	49
5	6-Butyl-1,4-cycloheptadiene	150	C11H18	022735-58-6	49





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Operator : JU/SJ
Sample : K2194-13 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

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

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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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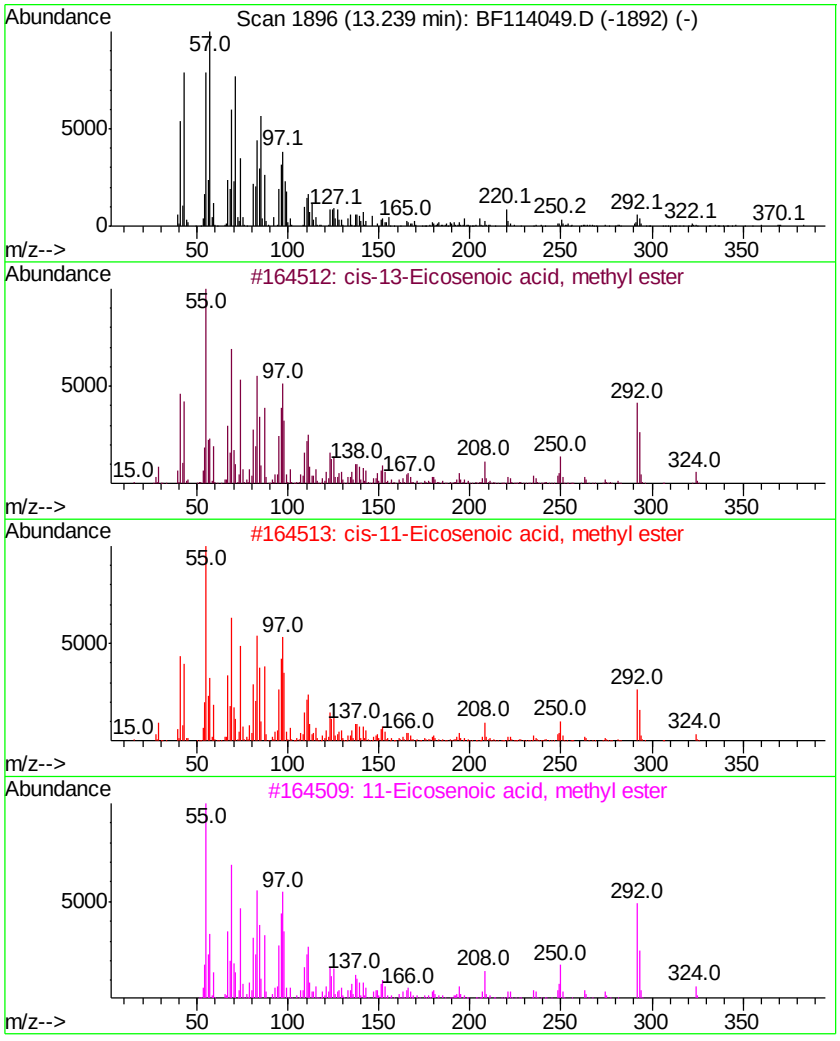
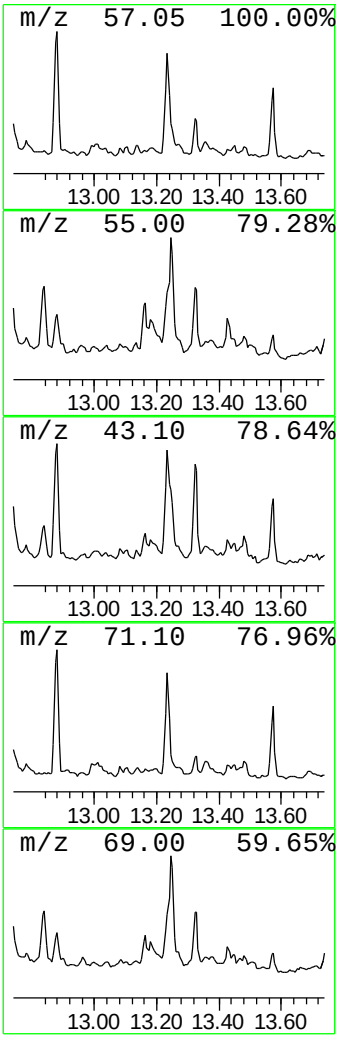
Peak Number 16 cis-13-Eicosenoic acid, met... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.24	66.56 ng	2457270	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	cis-11-Eicosenoic acid, methyl e...	324	C21H40O2	1000333-63-8	97
3	11-Eicosenoic acid, methyl ester	324	C21H40O2	003946-08-5	95
4	trans-13-Octadecenoic acid, meth...	296	C19H36O2	1000333-61-3	90
5	10-Octadecenoic acid, methyl ester	296	C19H36O2	013481-95-3	90





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Instrument : BNA_F
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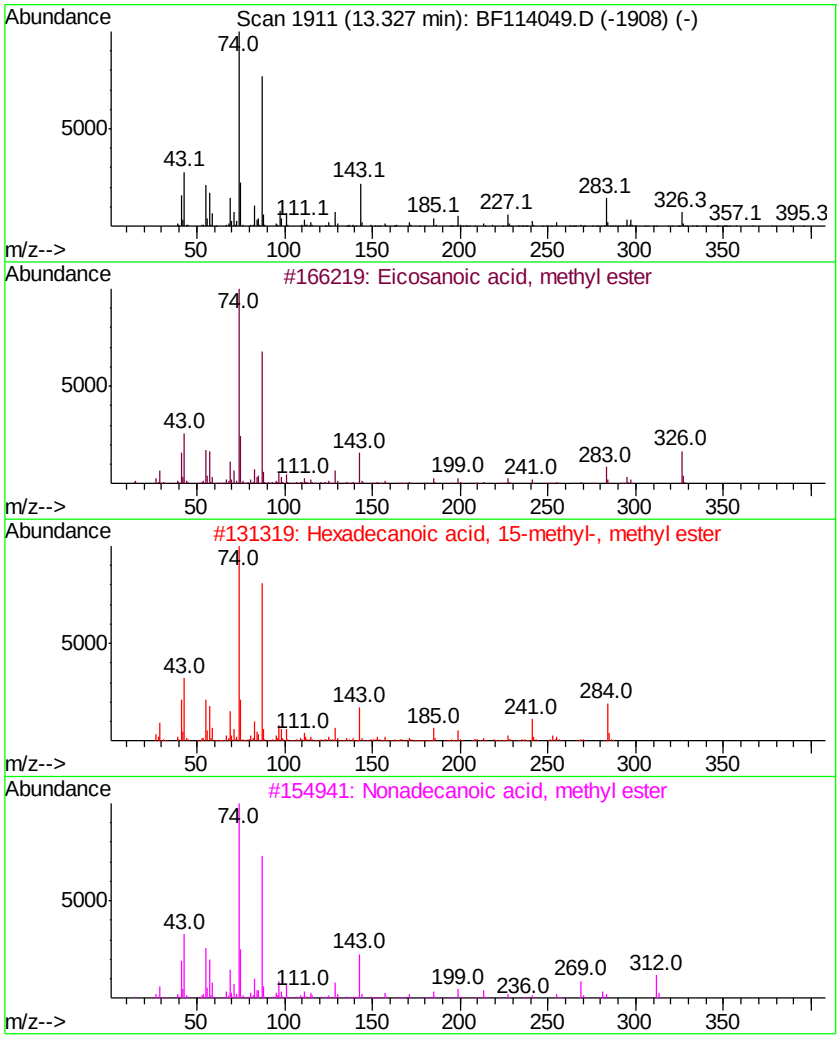
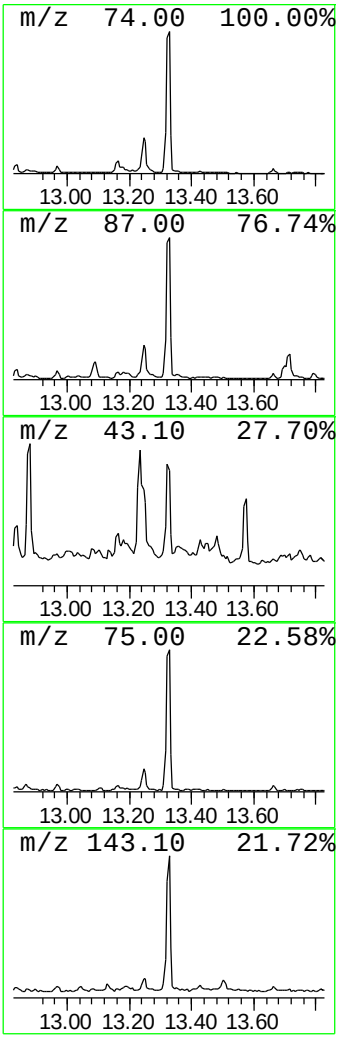
Peak Number 17 Eicosanoic acid, methyl ester Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.33	30.11 ng	1111740	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	Hexadecanoic acid, 15-methyl-, m...	284	C18H36O2	006929-04-0	95
3	Nonadecanoic acid, methyl ester	312	C20H40O2	001731-94-8	87
4	Methyl tetradecanoate	242	C15H30O2	000124-10-7	81
5	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	80





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

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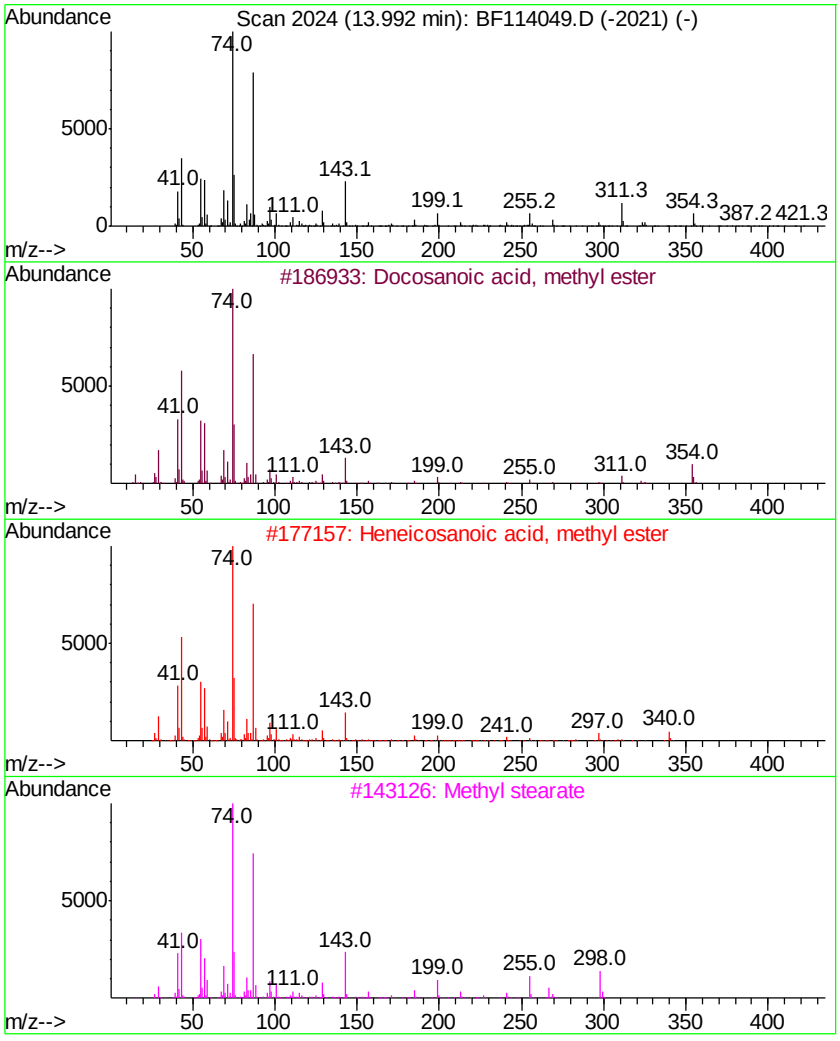
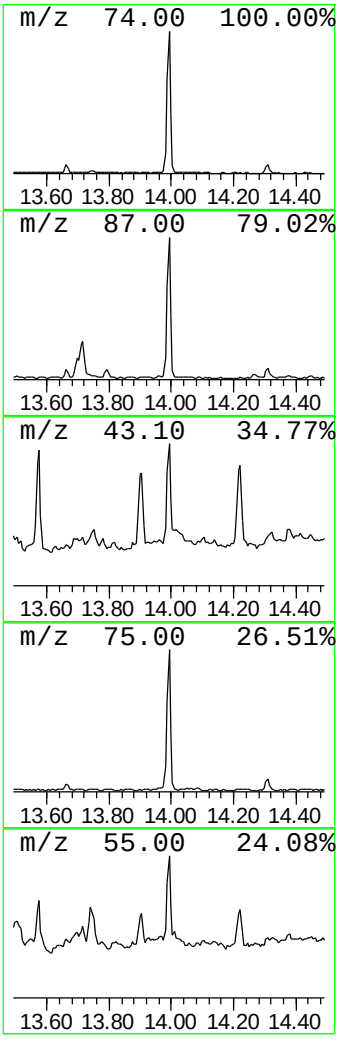
Peak Number 18 Docosanoic acid, methyl ester Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.99	21.63 ng	798465	Chrysene-d12	14.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosanoic acid, methyl ester	354	C23H46O2	000929-77-1	99
2	Heneicosanoic acid, methyl ester	340	C22H44O2	006064-90-0	94
3	Methyl stearate	298	C19H38O2	000112-61-8	94
4	Nonadecanoic acid, methyl ester	312	C20H40O2	001731-94-8	90
5	Methyl 20-methyl-heneicosanoate	354	C23H46O2	1000336-47-4	89





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ClientSampleId : JC-03-042919-G

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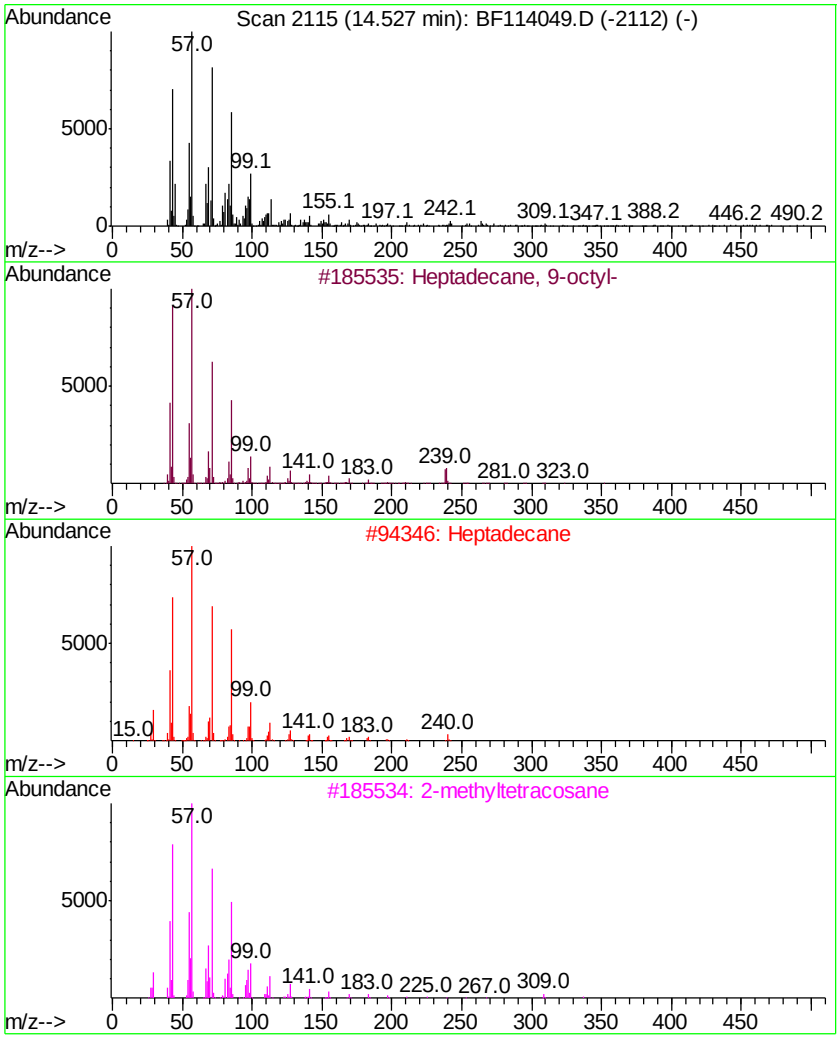
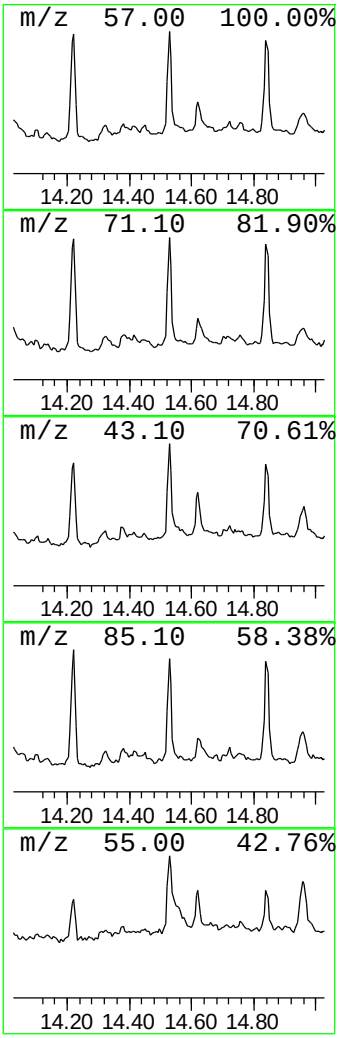
Peak Number 19 Heptadecane, 9-octyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.53	25.48 ng	940861	Chrysene-d12	14.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	93
2	Heptadecane	240	C17H36	000629-78-7	92
3	2-methyltetracosane	352	C25H52	1000376-72-6	90
4	Tetracosane	338	C24H50	000646-31-1	74
5	Tetracosane, 11-decyl-	479	C34H70	055429-84-0	74





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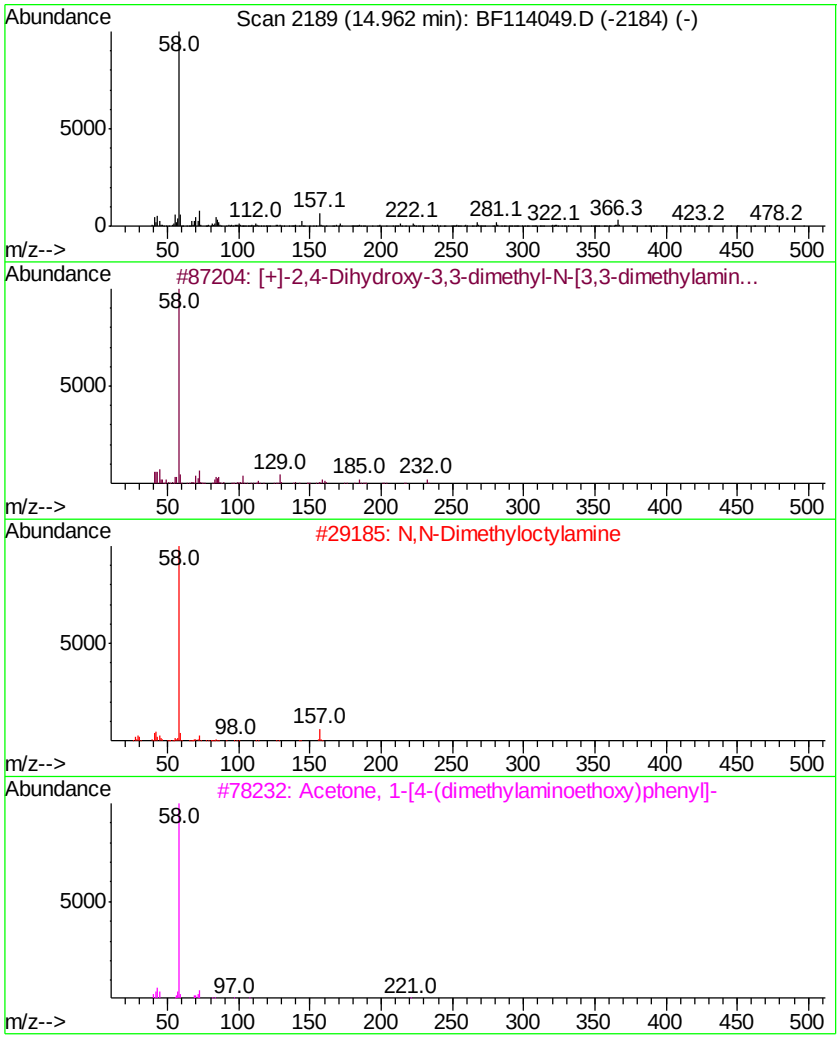
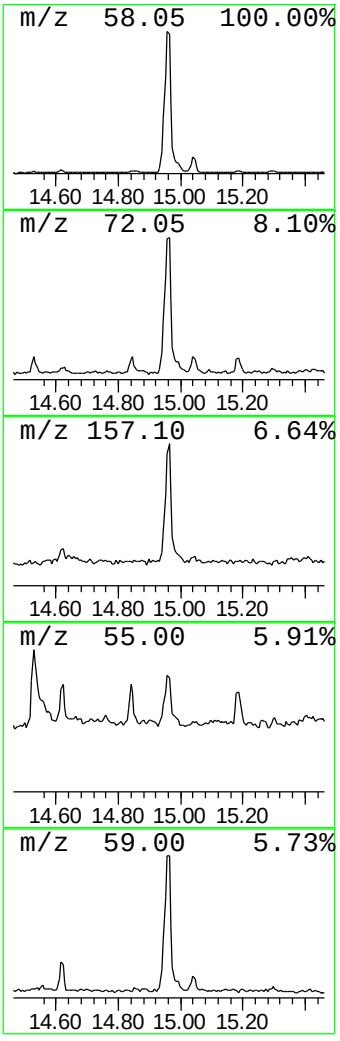
Peak Number 20 [+]-2,4-Dihydroxy-3,3-dimet... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.96	49.33 ng	1183720	Perylene-d12	15.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	[+]-2,4-Dihydroxy-3,3-dimethyl-N...	232	C11H24N2O3	1000253-94-2	72
2	N,N-Dimethyloctylamine	157	C10H23N	007378-99-6	64
3	Acetone, 1-[4-(dimethylaminoetho...	221	C13H19NO2	086608-11-9	59
4	N,N-Dimethyl-2-cyclohexyloxyethy...	171	C10H21NO	071126-60-8	59
5	1-Tetradecanamine, N,N-dimethyl-	241	C16H35N	000112-75-4	59





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF043019\
Data File : BF114049.D
Acq On : 30 Apr 2019 18:23
Operator : JU/SJ
Sample : K2194-13 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

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

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	36.2	ng	1475510	1	6.89	815156	20.0
Tridecane	8.77	22.3	ng	948381	2	8.17	849444	20.0
Tetradecane	9.33	26.2	ng	1202920	3	9.93	919061	20.0
Decane, 2,3,5-tri...	9.86	29.7	ng	1365340	3	9.93	919061	20.0
Dodecane, 2-methy...	10.36	30.1	ng	1381140	3	9.93	919061	20.0
Tridecane, 1-iodo-	10.83	26.1	ng	1643910	4	11.42	1258900	20.0
Eicosane	11.28	20.5	ng	1292710	4	11.42	1258900	20.0
Nonadecane	11.71	19.1	ng	1204340	4	11.42	1258900	20.0
Hexadecanoic acid...	11.82	174.3	ng	10974400	4	11.42	1258900	20.0
n-Hexadecanoic acid	11.96	24.6	ng	1545480	4	11.42	1258900	20.0
Sulfurous acid, 2...	12.12	20.4	ng	1282330	4	11.42	1258900	20.0
9-Octadecenoic ac...	12.56	682.5	ng	42958900	4	11.42	1258900	20.0
Bicyclo[10.1.0]tr...	13.16	31.6	ng	1165000	5	14.06	738405	20.0
Methyl 6-cis,9-ci...	13.18	31.2	ng	1151070	5	14.06	738405	20.0
cis-13-Eicosenoic...	13.24	66.6	ng	2457270	5	14.06	738405	20.0
Eicosanoic acid, ...	13.33	30.1	ng	1111740	5	14.06	738405	20.0
Docosanoic acid, ...	13.99	21.6	ng	798465	5	14.06	738405	20.0
Heptadecane, 9-oc...	14.53	25.5	ng	940861	5	14.06	738405	20.0
[+]-2,4-Dihydroxy...	14.96	49.3	ng	1183720	6	15.55	479915	20.0