LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112119\
Data File : BF117920.D
Acq On : 21 Nov 2019 18:48
Operator : JU
Sample : K5676-26 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-03-112019

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-BF111319.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	2.140	5	9	29	rVB	326978	562161	4.25%	0.903%
2	5.110	510	514	525	rVB	246562	259752	1.97%	0.417%
3	5.522	579	584	597	rBV	1370248	1337311	10.12%	2.148%
4	6.528	751	755	765	rBV	1475857	1405739	10.64%	2.257%
5	6.681	777	781	784	rBV	1840449	1474967	11.16%	2.369%
6	6.916	817	821	825	rBV	1052540	849981	6.43%	1.365%
7	7.069	844	847	851	rBV	1302450	1181457	8.94%	1.897%
8	7.475	912	916	919	rBV	1046505	814439	6.16%	1.308%
9	8.180	1034	1036	1037	rBV	214392	153362	1.16%	0.246%
10	8.204	1037	1040	1042	rVB	1261210	942085	7.13%	1.513%
11	8.792	1137	1140	1144	rBV	338084	260504	1.97%	0.418%
12	9.027	1175	1180	1182	rBV2	135486	177830	1.35%	0.286%
13	9.280	1219	1223	1226	rBV	2315995	1778198	13.46%	2.856%
14	9.363	1233	1237	1239	rBV	375299	324543	2.46%	0.521%
15	9.545	1262	1268	1274	rVB3	91039	151448	1.15%	0.243%
16	9.675	1287	1290	1294	rBV	353225	371757	2.81%	0.597%
17	9.892	1324	1327	1331	rVB	397618	295345	2.24%	0.474%
18	9.963	1336	1339	1343	rVB	1248362	1169360	8.85%	1.878%
19	10.169	1369	1374	1378	rVB3	84924	151226	1.14%	0.243%
20	10.392	1407	1412	1415	rBV	433468	333370	2.52%	0.535%
21	10.516	1429	1433	1438	rVB	144896	165402	1.25%	0.266%
22	10.616	1445	1450	1455	rVB	131920	186336	1.41%	0.299%
23	10.751	1468	1473	1477	rBV	1163675	1141724	8.64%	1.833%
24	10.869	1490	1493	1502	rBV	441328	492661	3.73%	0.791%
25	11.316	1566	1569	1572	rBV	330153	295670	2.24%	0.475%
26	11.351	1572	1575	1580	rVB	205250	229692	1.74%	0.369%
27	11.457	1589	1593	1595	rBV	1377656	1217663	9.21%	1.955%
28	11.480	1595	1597	1601	rVB	571626	467059	3.53%	0.750%
29	11.745	1640	1642	1644	rBV	311952	256558	1.94%	0.412%
30	11.768	1644	1646	1649	rVB	214095	159903	1.21%	0.257%
31	11.851	1656	1660	1663	rBV	5898064	4769127	36.09%	7.659%
32	11.980	1679	1682	1689	rVB3	369609	425757	3.22%	0.684%
33	12.074	1695	1698	1700	rBV2	174793	171760	1.30%	0.276%
34	12.157	1707	1712	1717	rBV2	270696	303269	2.30%	0.487%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112119\
Data File : BF117920.D
Acq On : 21 Nov 2019 18:48
Operator : JU
Sample : K5676-26 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-03-112019

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-BF111319.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.257	1726	1729	1731	rBV2	138345	136917	1.04%	0.220%
36	12.545	1773	1778	1780	rBV	9232596	11809792	89.37%	18.965%
37	12.574	1780	1783	1788	rVB	11918480	13214272	100.00%	21.221%
38	12.610	1788	1789	1792	rVB	200969	143081	1.08%	0.230%
39	12.645	1792	1795	1798	rBV	2519625	1953274	14.78%	3.137%
40	12.674	1798	1800	1802	rBV	825269	777377	5.88%	1.248%
41	12.768	1814	1816	1821	rVB3	250220	250213	1.89%	0.402%
42	12.880	1832	1835	1837	rBV	443289	399503	3.02%	0.642%
43	12.910	1837	1840	1847	rVB	523854	601967	4.56%	0.967%
44	13.051	1860	1864	1867	rBV	1703313	1558765	11.80%	2.503%
45	13.204	1887	1890	1893	rBV2	411232	426338	3.23%	0.685%
46	13.292	1900	1905	1912	rVB3	498163	672723	5.09%	1.080%
47	13.368	1915	1918	1921	rVV	314517	257176	1.95%	0.413%
48	13.462	1932	1934	1938	rVB	132852	133542	1.01%	0.214%
49	13.951	2014	2017	2021	rBV2	173585	248160	1.88%	0.399%
50	14.039	2029	2032	2034	rVB	250098	200558	1.52%	0.322%
51	14.104	2039	2043	2046	rVV2	1319038	1524197	11.53%	2.448%
52	14.127	2046	2047	2051	rVB	245323	195253	1.48%	0.314%
53	14.568	2120	2122	2129	rVB4	231762	223209	1.69%	0.358%
54	14.886	2174	2176	2180	rVB	289835	331411	2.51%	0.532%
55	15.009	2193	2197	2210	rVB	478322	822943	6.23%	1.322%
56	15.239	2233	2236	2240	rBV	261657	316885	2.40%	0.509%
57	15.551	2286	2289	2295	rVB	199989	230933	1.75%	0.371%
58	15.615	2296	2300	2303	rBV	955604	1251052	9.47%	2.009%
59	15.774	2324	2327	2334	rBV8	129798	313369	2.37%	0.503%

Sum of corrected areas: 62270326

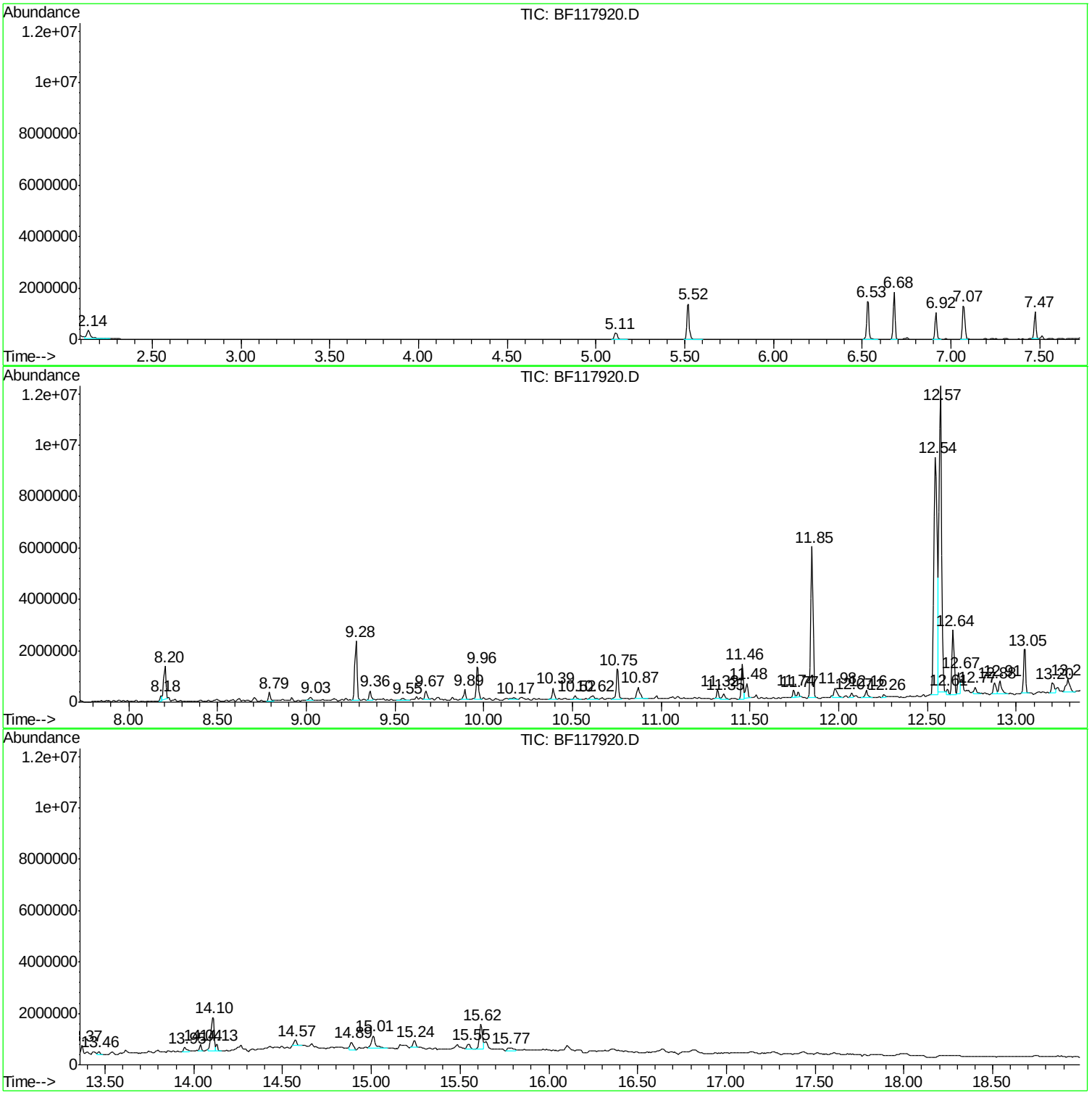
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112119\
Data File : BF117920.D
Acq On : 21 Nov 2019 18:48
Operator : JU
Sample : K5676-26 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-03-112019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF111319.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\BF112119\
Data File : BF117920.D
Acq On : 21 Nov 2019 18:48
Operator : JU
Sample : K5676-26 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-03-112019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF111319.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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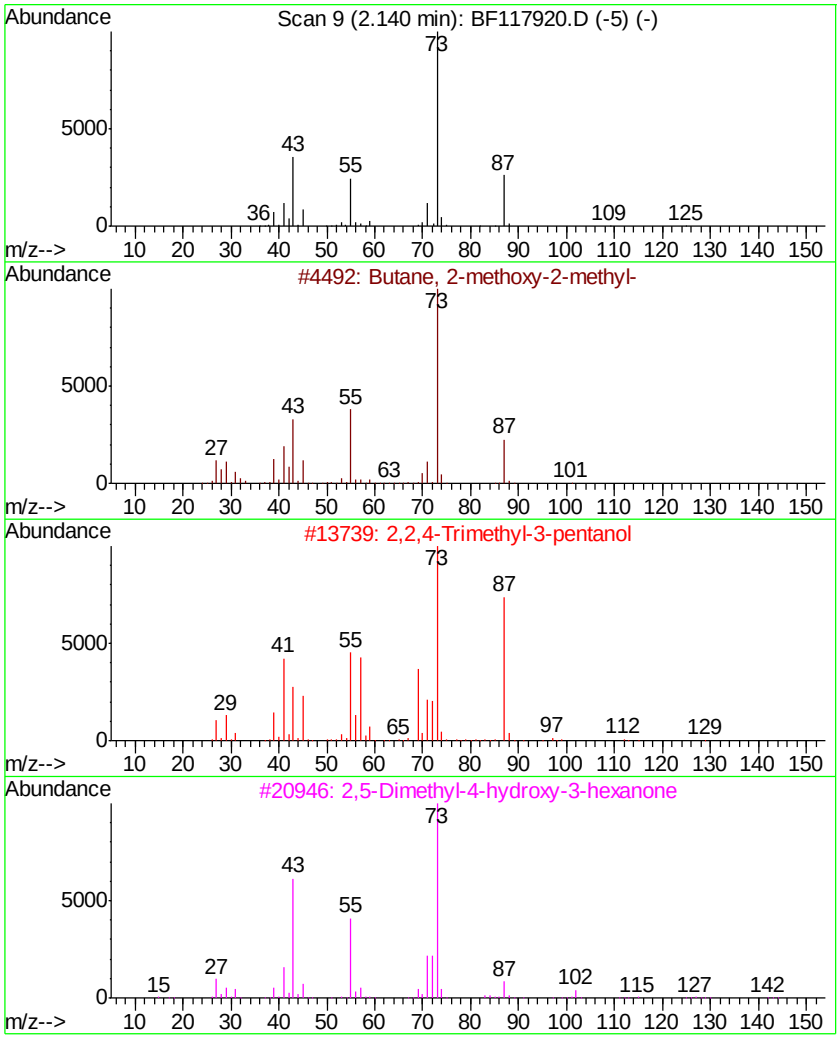
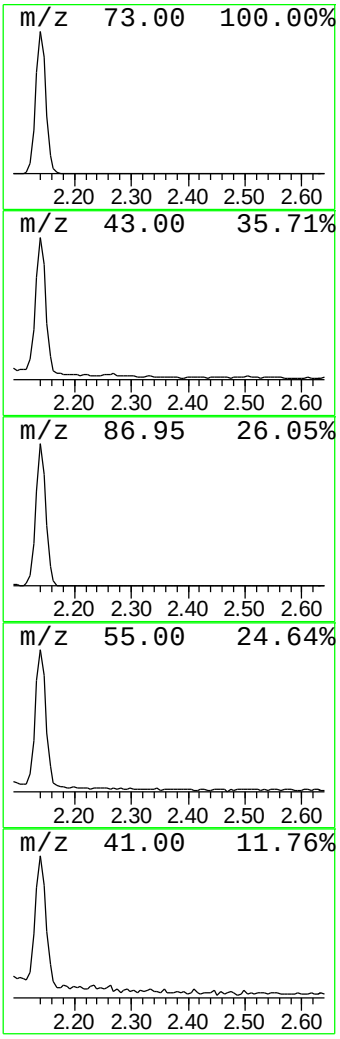
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.14	13.23 ng	562161	1,4-Dichlorobenzene-d4	6.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	2,5-Dimethyl-4-hydroxy-3-hexanone	144	C8H16O2	000815-77-0	25
4	1-(2-Methoxyethoxy)-2-methyl-2-p...	162	C8H18O3	1000364-24-4	25
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112119\
Data File : BF117920.D
Acq On : 21 Nov 2019 18:48
Operator : JU
Sample : K5676-26 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-03-112019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF111319.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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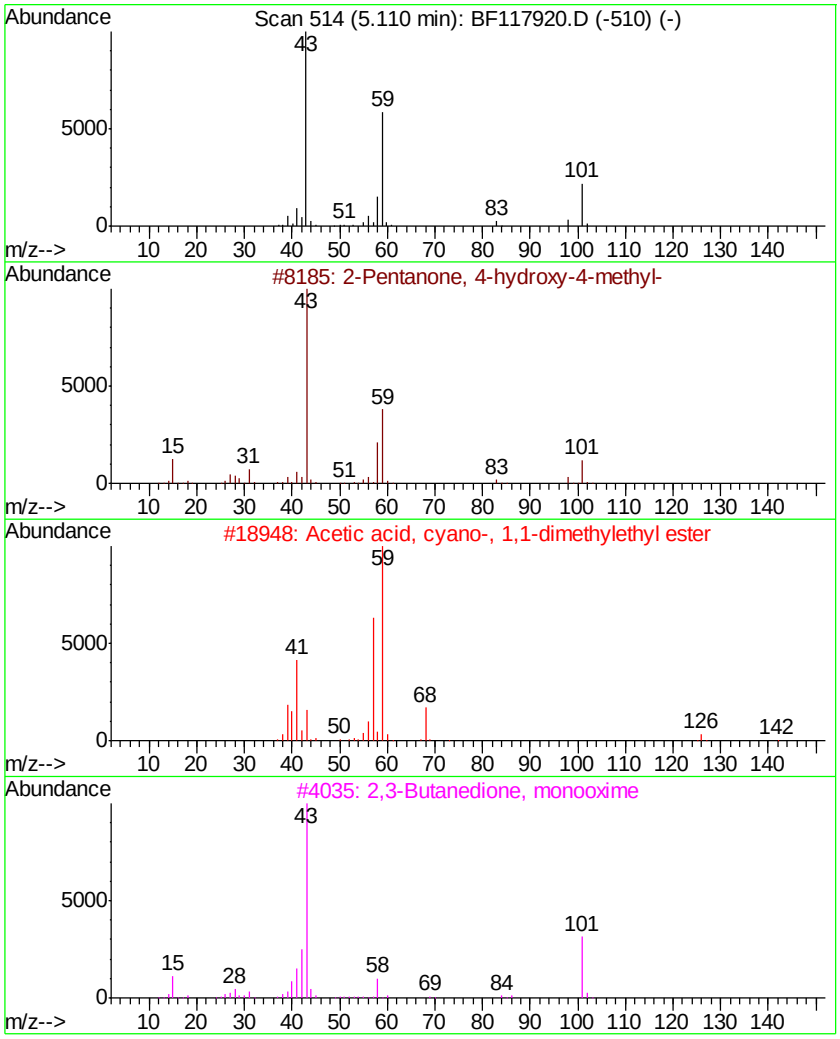
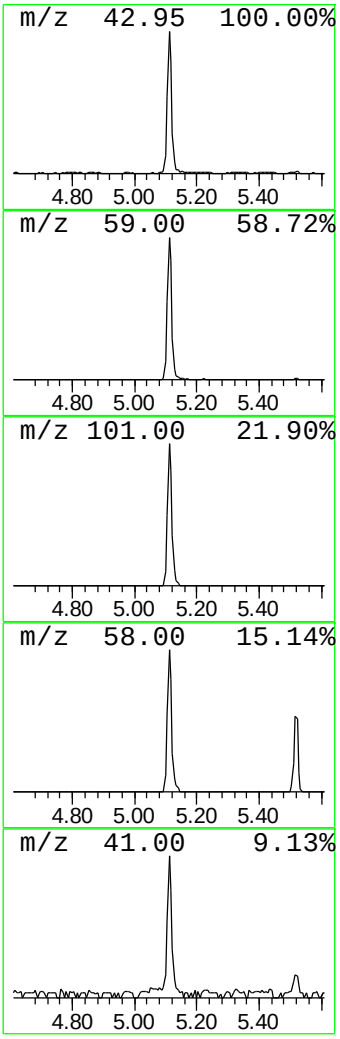
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.11	6.11 ng	259752	1,4-Dichlorobenzene-d4	6.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	17
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5	Butane	58	C4H10	000106-97-8	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112119\
Data File : BF117920.D
Acq On : 21 Nov 2019 18:48
Operator : JU
Sample : K5676-26 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-03-112019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF111319.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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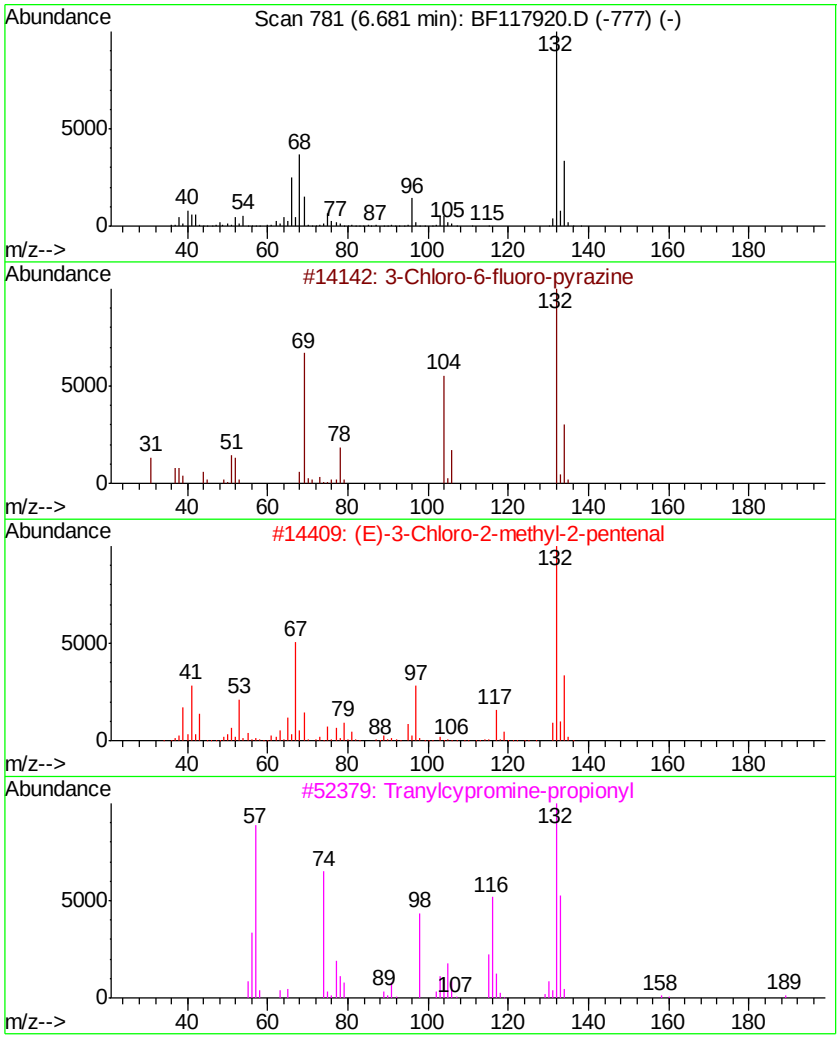
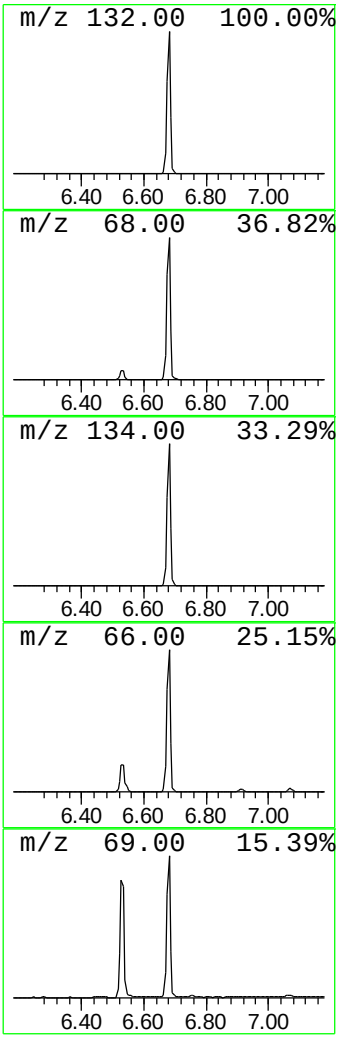
Peak Number 3 unknown6.68 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.68	34.71 ng	1474970	1,4-Dichlorobenzene-d4	6.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	25
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	16
4	Cyclopropanamine, 1-phenyl-	133	C9H11N	1000351-26-2	9
5	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112119\
Data File : BF117920.D
Acq On : 21 Nov 2019 18:48
Operator : JU
Sample : K5676-26 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-03-112019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF111319.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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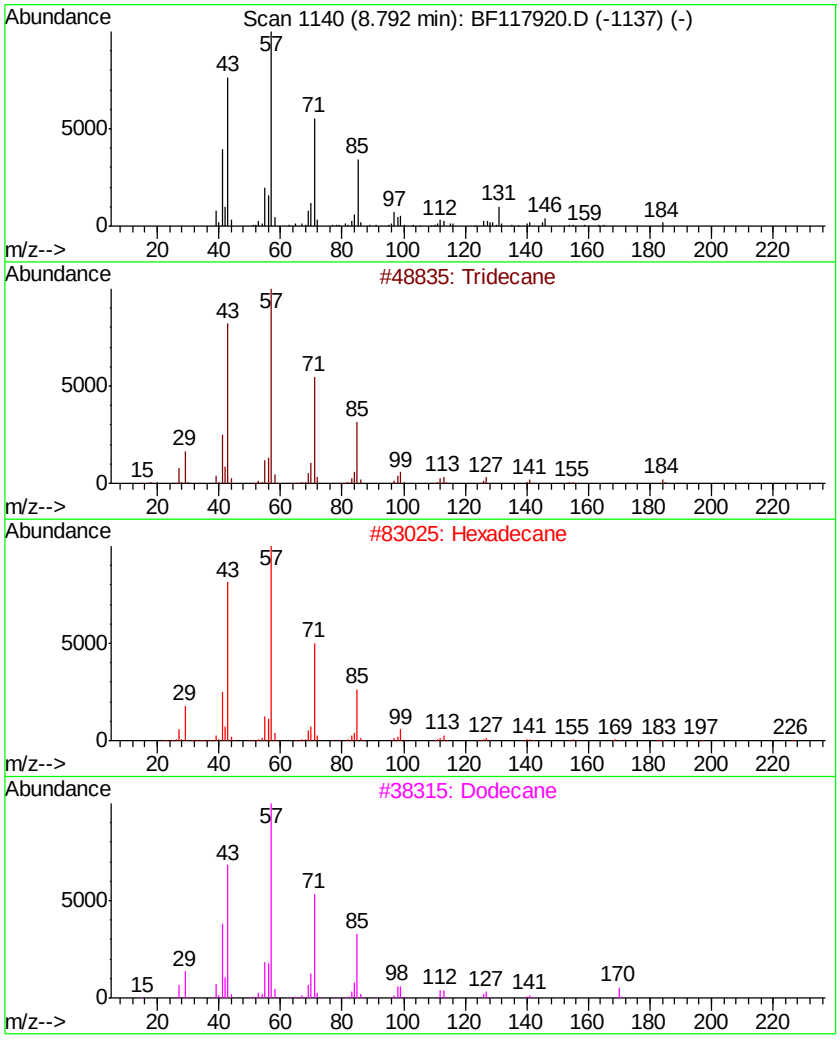
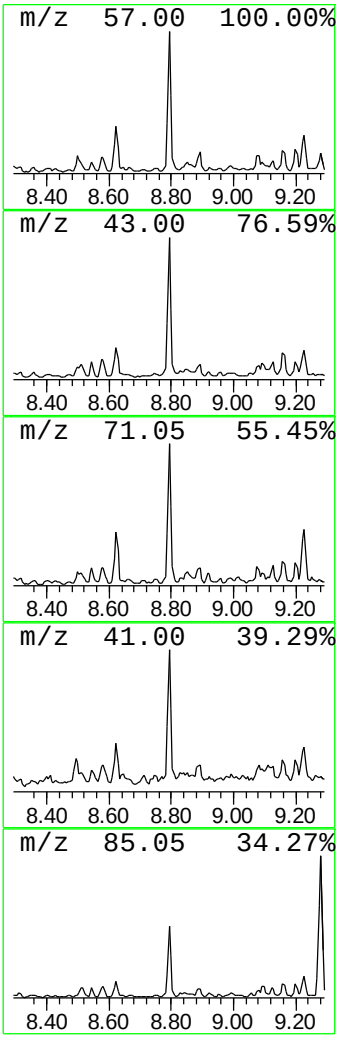
Peak Number 5 Tridecane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.79	5.53 ng	260504	Naphthalene-d8	8.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	95
2	Hexadecane	226	C16H34	000544-76-3	72
3	Dodecane	170	C12H26	000112-40-3	72
4	Pentadecane	212	C15H32	000629-62-9	72
5	Hexadecane, 7,9-dimethyl-	254	C18H38	021164-95-4	64





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112119\
Data File : BF117920.D
Acq On : 21 Nov 2019 18:48
Operator : JU
Sample : K5676-26 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-03-112019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF111319.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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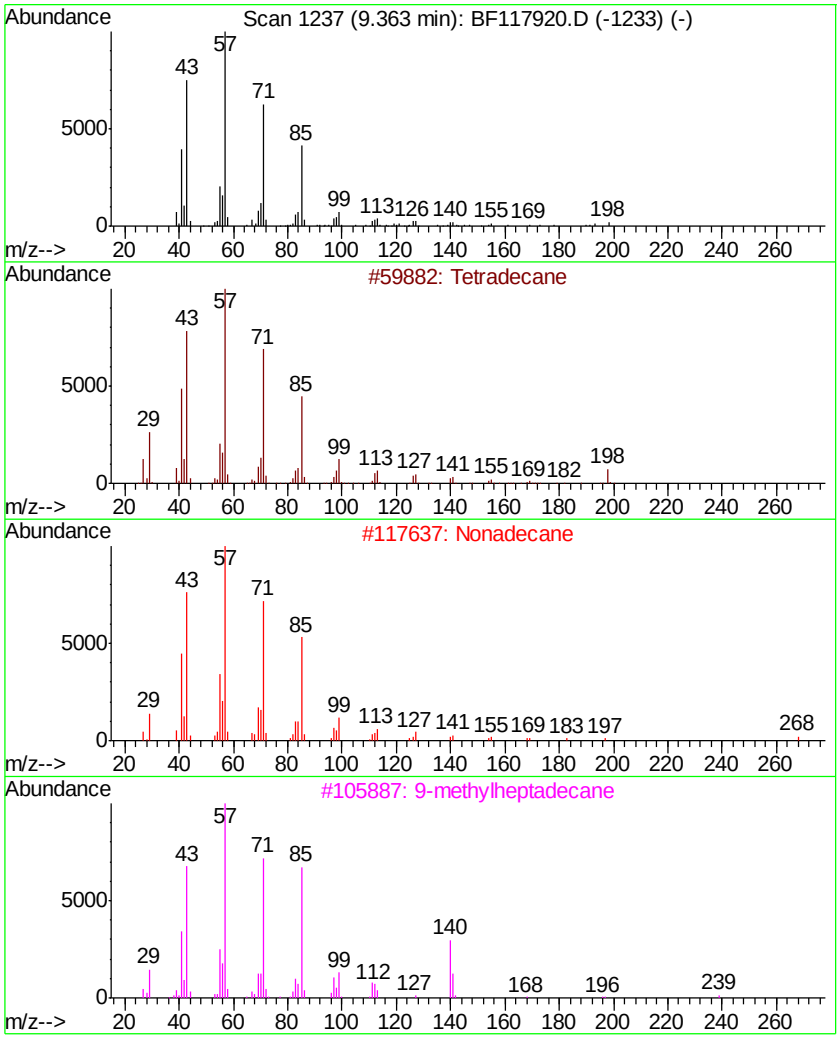
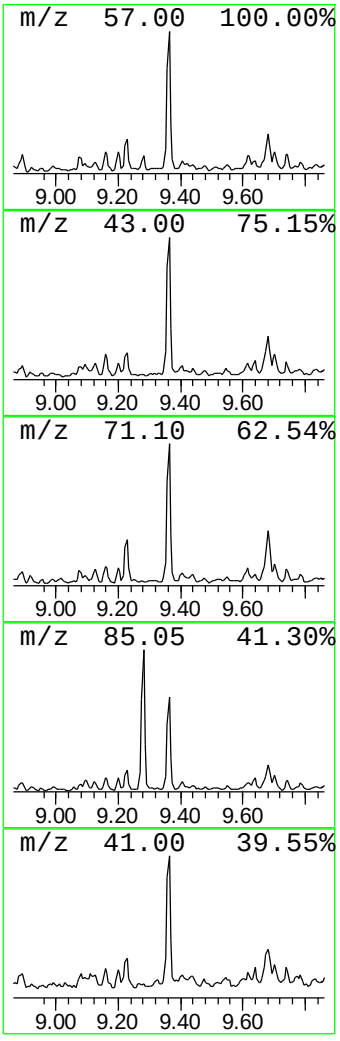
Peak Number 6 Tetradecane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.36	5.55 ng	324543	Acenaphthene-d10	9.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	97
2	Nonadecane	268	C19H40	000629-92-5	90
3	9-methylheptadecane	254	C18H38	026741-18-4	78
4	Dodecane	170	C12H26	000112-40-3	72
5	Hexadecane	226	C16H34	000544-76-3	64





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112119\
Data File : BF117920.D
Acq On : 21 Nov 2019 18:48
Operator : JU
Sample : K5676-26 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-03-112019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF111319.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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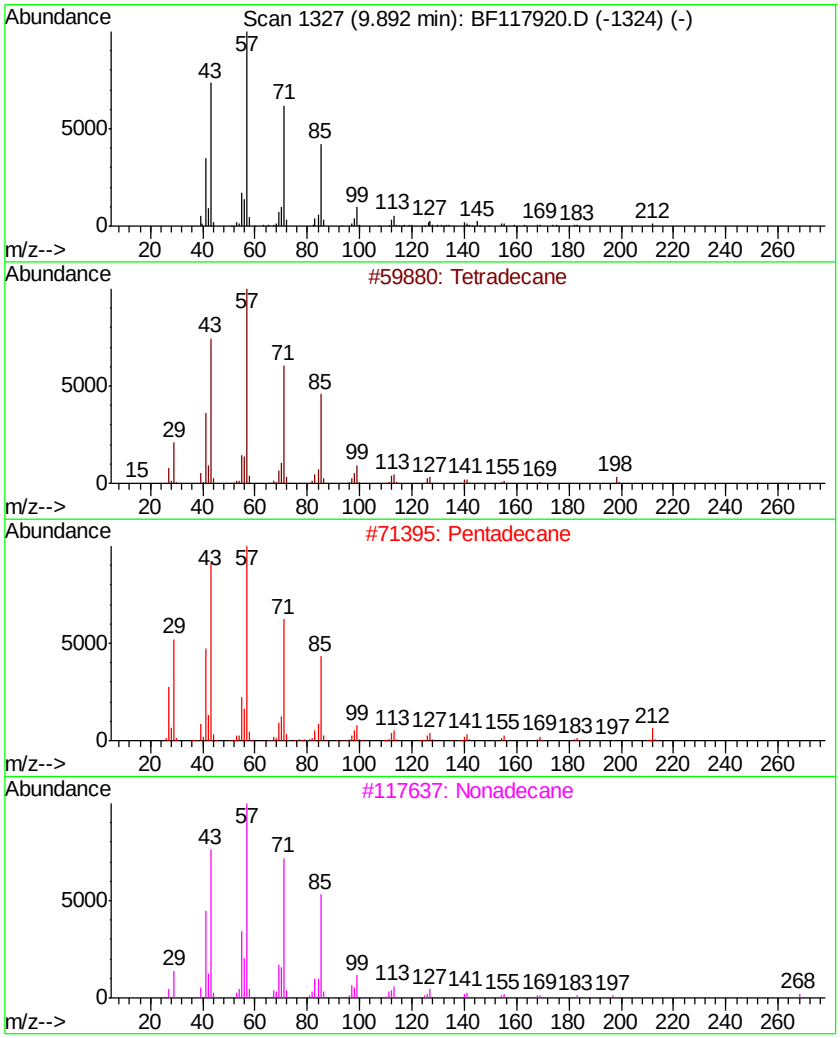
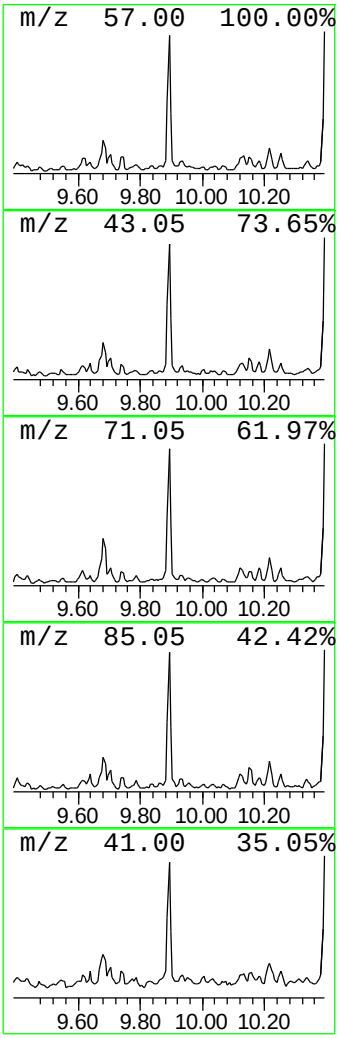
Peak Number 7 Pentadecane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.89	5.05 ng	295345	Acenaphthene-d10	9.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	91
2	Pentadecane	212	C15H32	000629-62-9	90
3	Nonadecane	268	C19H40	000629-92-5	90
4	Hexadecane	226	C16H34	000544-76-3	80
5	Tridecane	184	C13H28	000629-50-5	80





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112119\
Data File : BF117920.D
Acq On : 21 Nov 2019 18:48
Operator : JU
Sample : K5676-26 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-03-112019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF111319.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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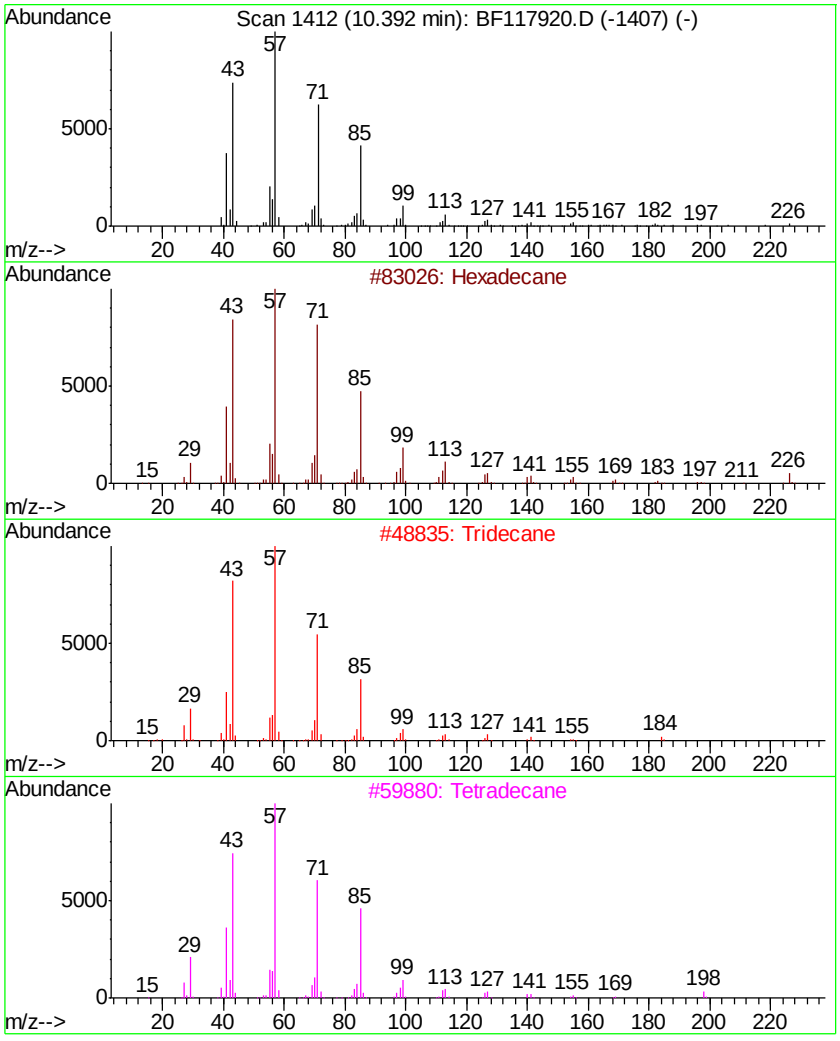
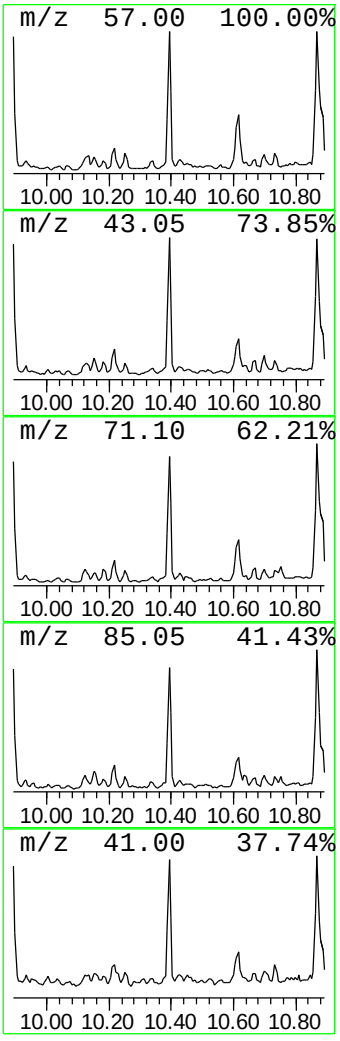
Peak Number 8 Hexadecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.39	5.70 ng	333370	Acenaphthene-d10	9.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	95
2	Tridecane	184	C13H28	000629-50-5	90
3	Tetradecane	198	C14H30	000629-59-4	87
4	Pentadecane, 7-methyl-	226	C16H34	006165-40-8	87
5	Pentadecane	212	C15H32	000629-62-9	86





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112119\
Data File : BF117920.D
Acq On : 21 Nov 2019 18:48
Operator : JU
Sample : K5676-26 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-03-112019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF111319.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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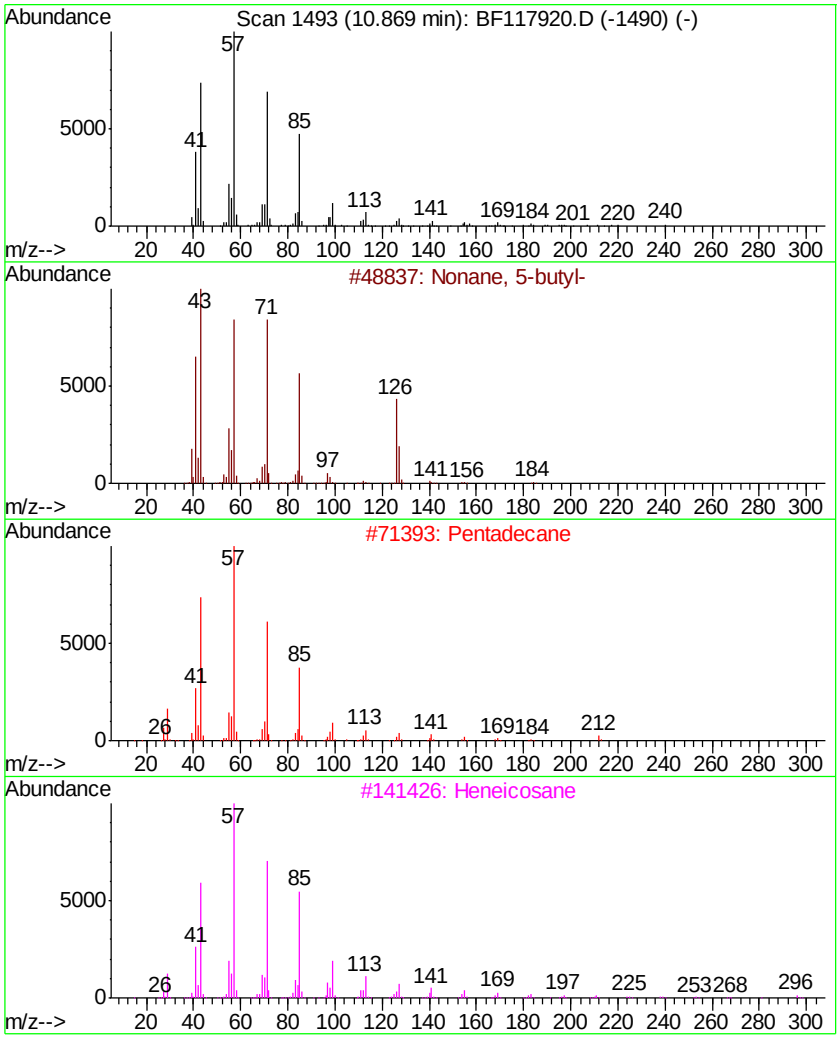
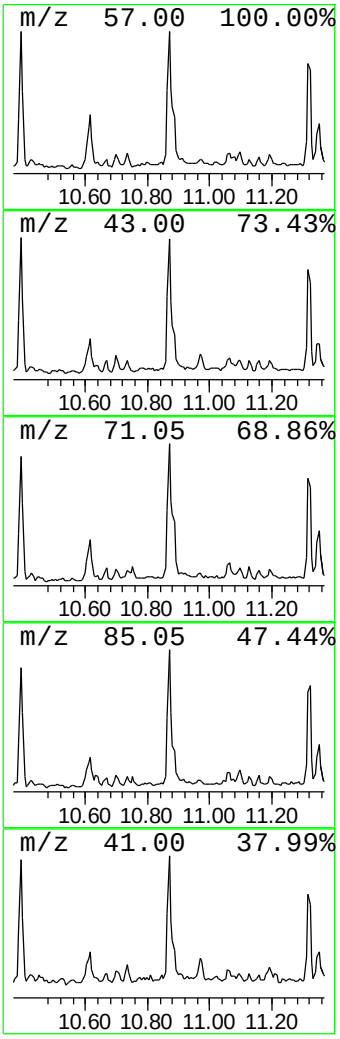
Peak Number 9 Nonane, 5-butyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.87	8.09 ng	492661	Phenanthrene-d10	11.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 5-butyl-	184	C13H28	017312-63-9	94
2	Pentadecane	212	C15H32	000629-62-9	91
3	Heneicosane	296	C21H44	000629-94-7	91
4	Heptadecane	240	C17H36	000629-78-7	90
5	Nonadecane	268	C19H40	000629-92-5	87





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Acq On : 21 Nov 2019 18:48
Operator : JU
Sample : K5676-26 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-03-112019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF111319.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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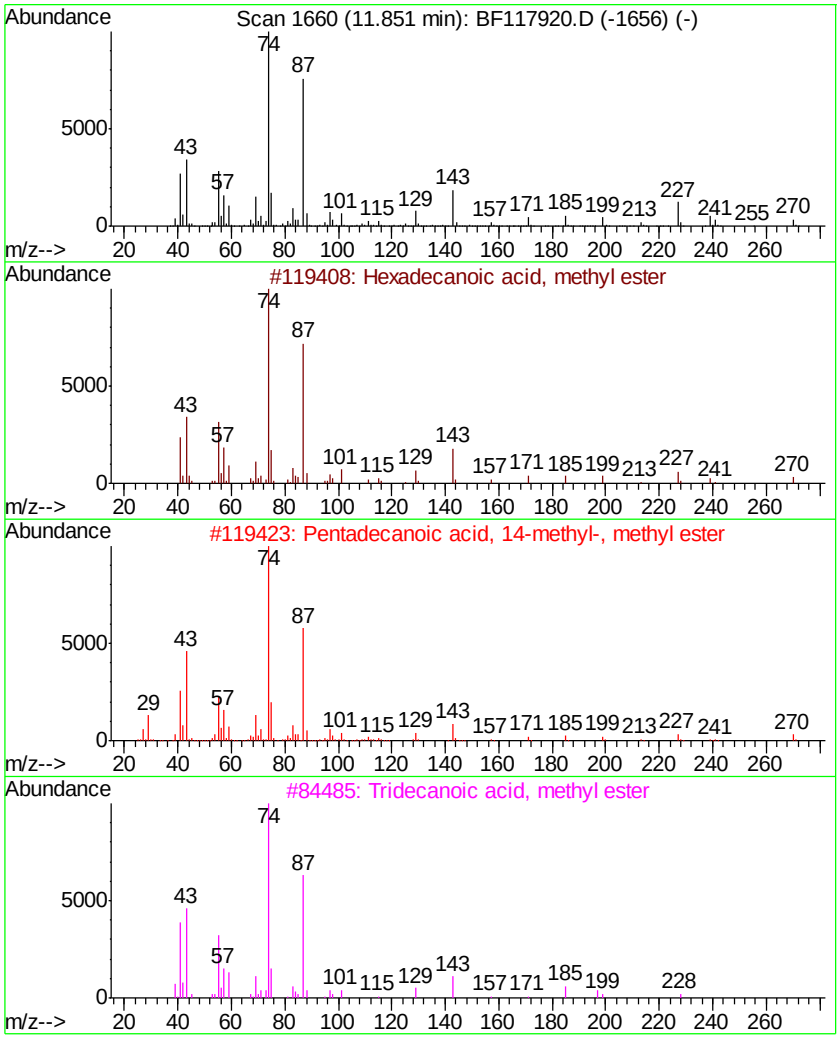
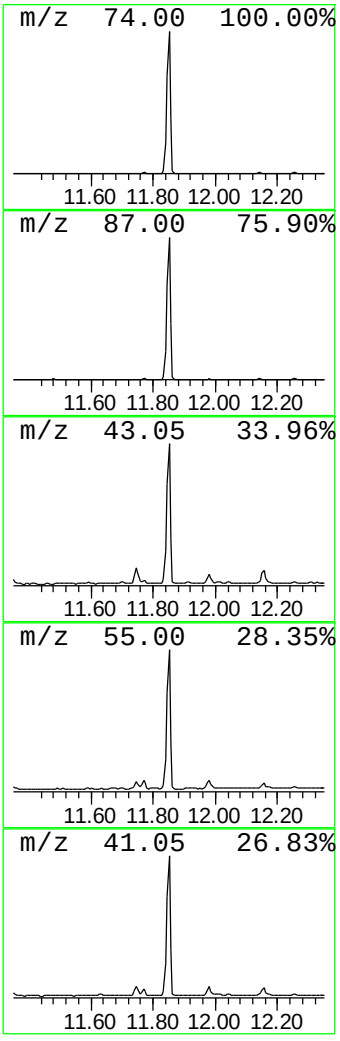
Peak Number 10 Hexadecanoic acid, methyl e... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.85	78.33 ng	4769130	Phenanthrene-d10	11.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	98
2	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	92
3	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	90
4	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	86
5	Decanoic acid, methyl ester	186	C11H22O2	000110-42-9	81





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Instrument : BNA_F
ClientSampleId : SU-03-112019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF111319.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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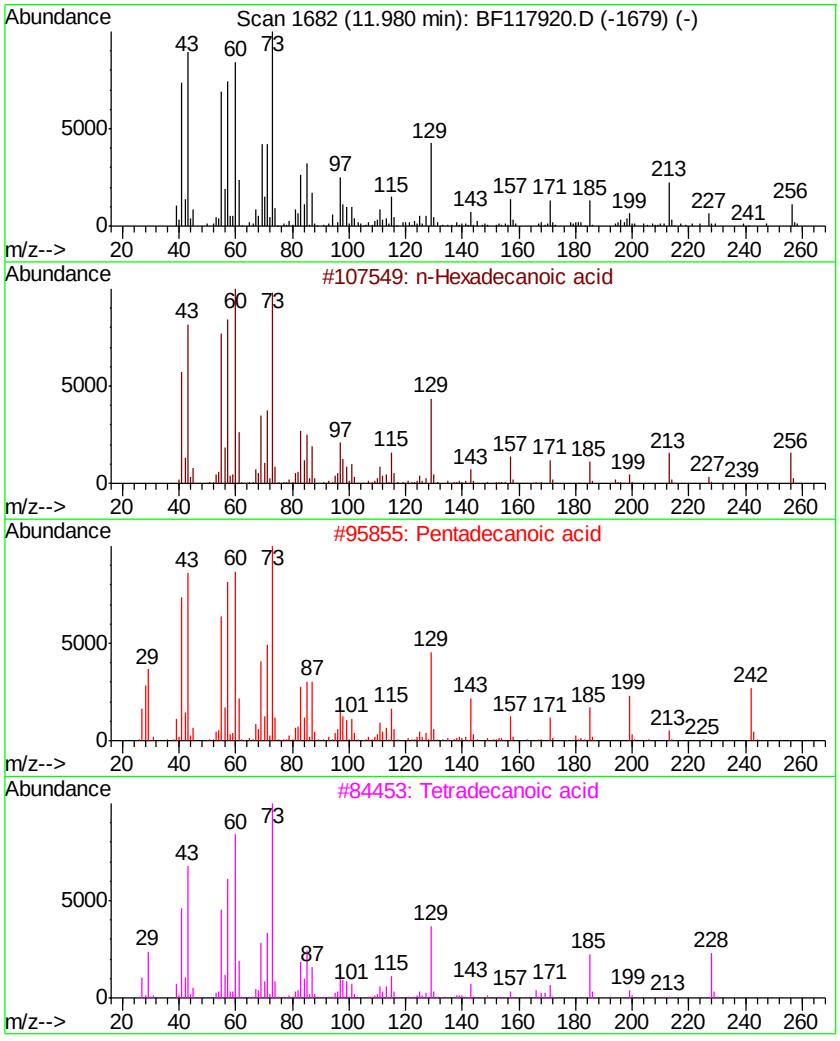
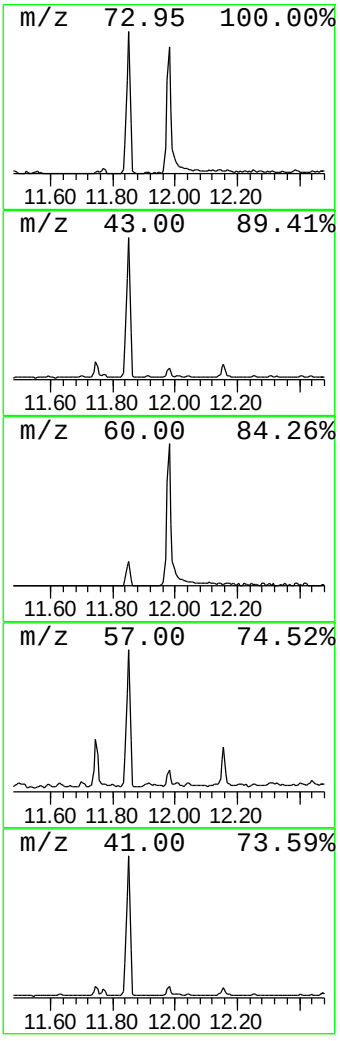
Peak Number 11 n-Hexadecanoic acid Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.98	6.99 ng	425757	Phenanthrene-d10	11.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	83
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	81
4	Tridecanoic acid	214	C13H26O2	000638-53-9	70
5	n-Decanoic acid	172	C10H20O2	000334-48-5	70





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Instrument : BNA_F
ClientSampleId : SU-03-112019

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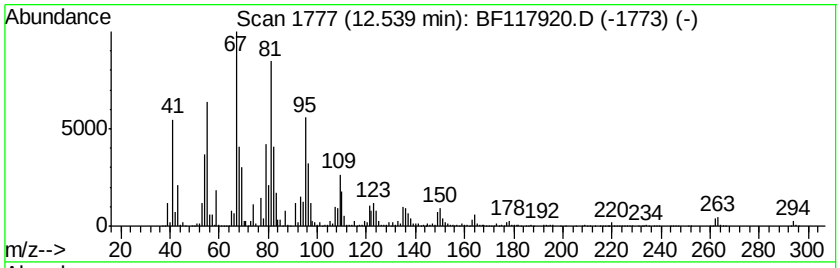
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

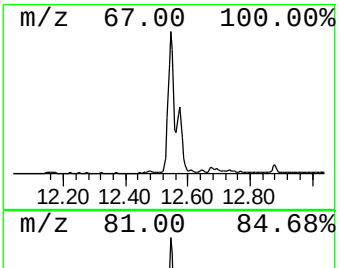
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.54	193.98 ng	11809800	Phenanthrene-d10	11.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
2	10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	99
3	8,11-Octadecadienoic acid, methy...	294	C19H34O2	056599-58-7	99
4	9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	99
5	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99





Library Search Compound Report

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ClientSampleId : SU-03-112019

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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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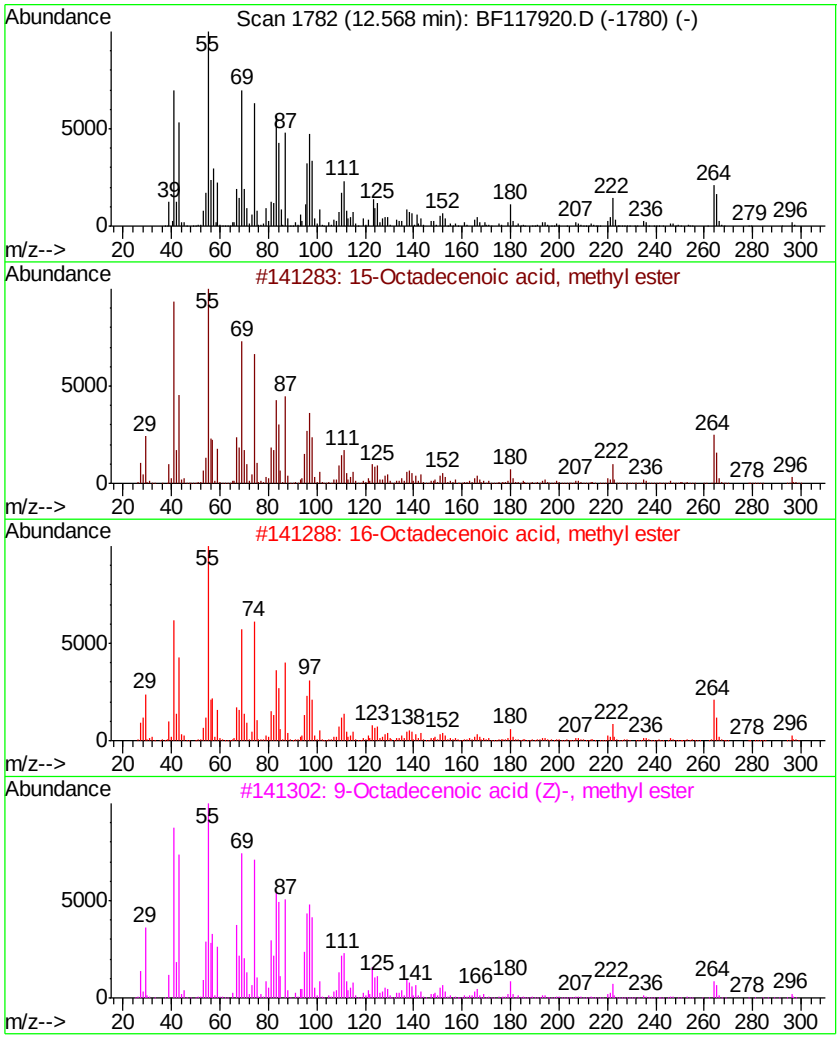
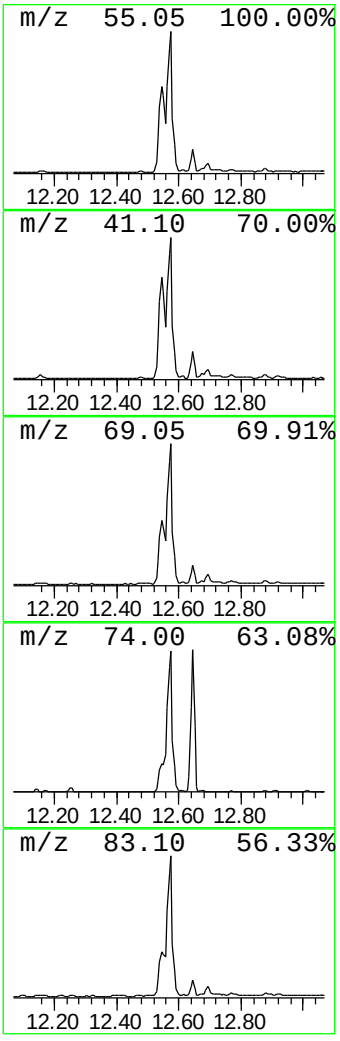
Peak Number 13 15-Octadecenoic acid, methy... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.57	217.04 ng	13214300	Phenanthrene-d10	11.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	15-Octadecenoic acid, methyl ester	296	C19H36O2	004764-72-1	99
2	16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	99
3	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	98
4	13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	97
5	14-Octadecenoic acid, methyl ester	296	C19H36O2	056554-48-4	97





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ClientSampleId : SU-03-112019

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

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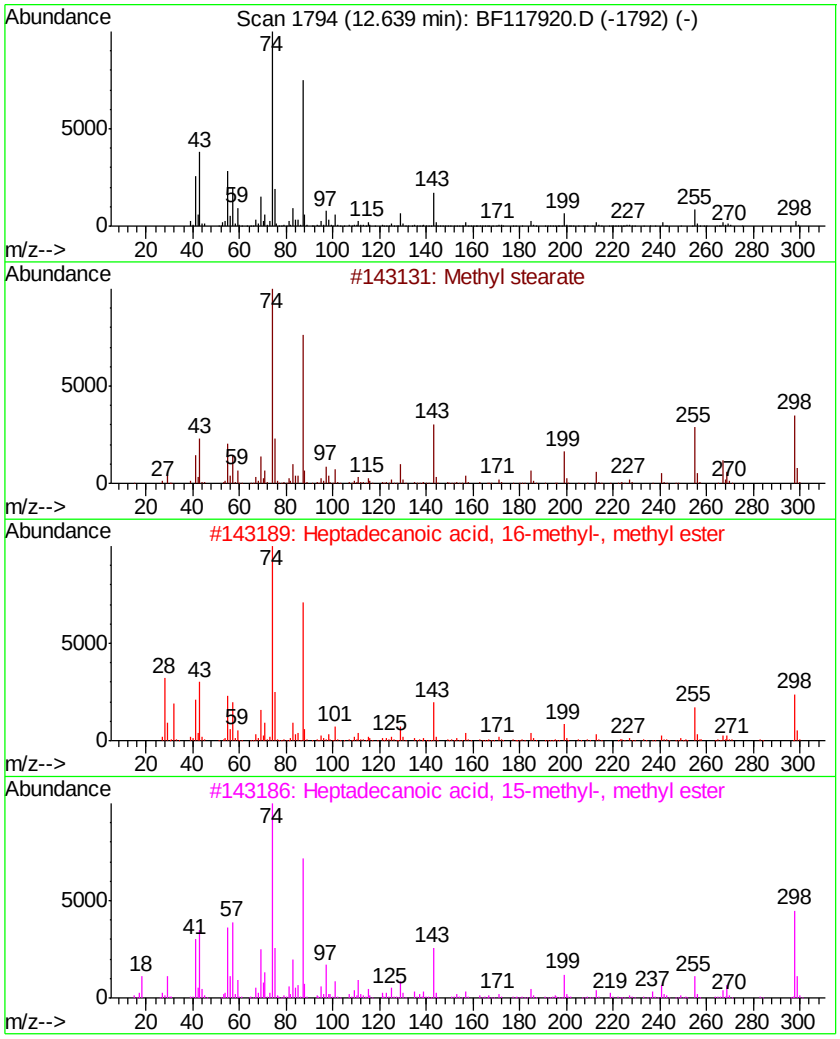
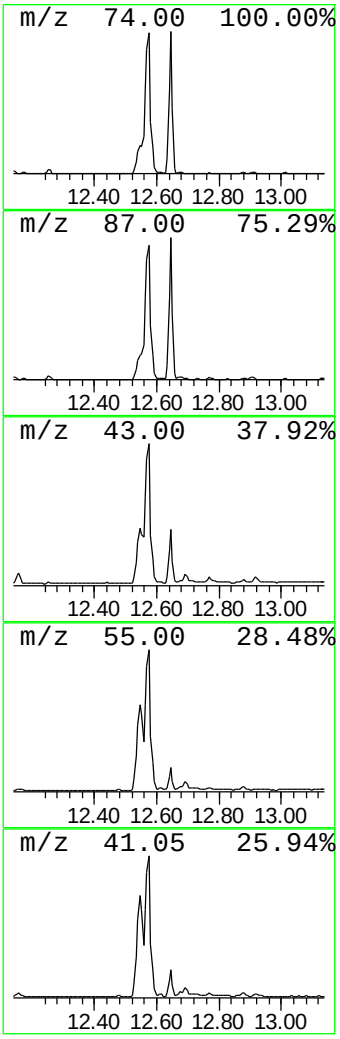
Peak Number 14 Methyl stearate Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.64	32.08 ng	1953270	Phenanthrene-d10	11.46

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	90
3	Heptadecanoic acid, 15-methyl-, ...	298	C19H38O2	054833-55-5	87
4	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	86
5	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	86





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ClientSampleId : SU-03-112019

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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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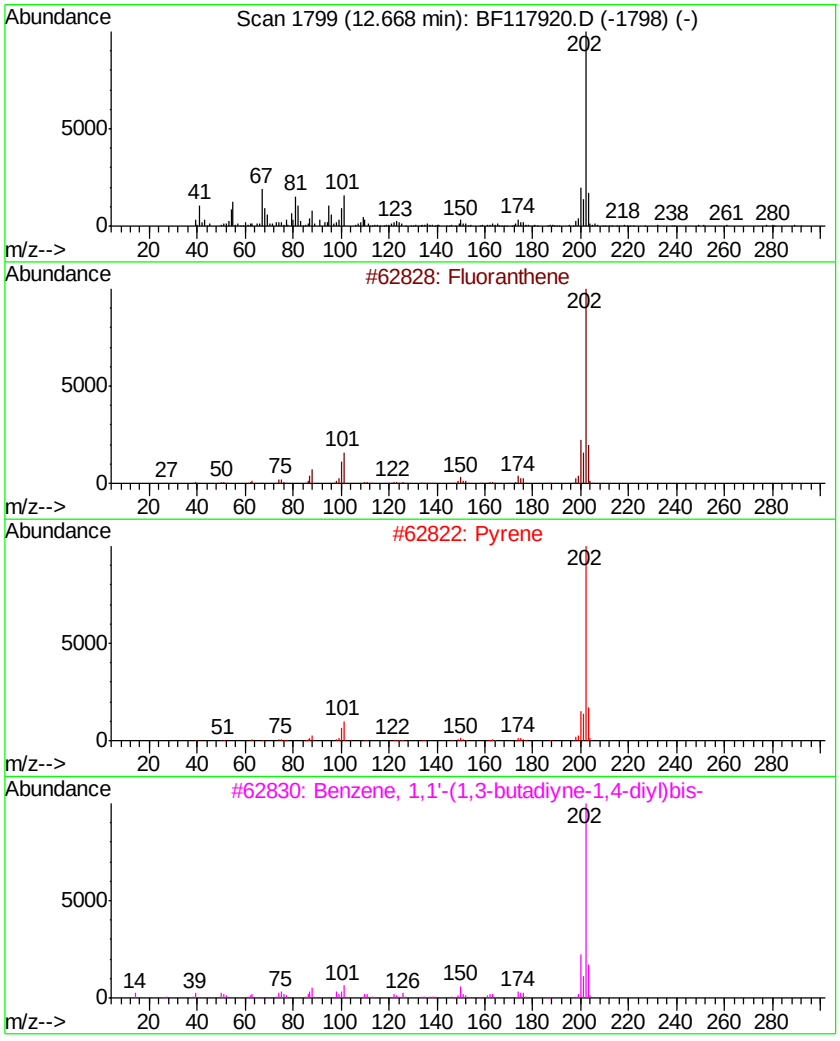
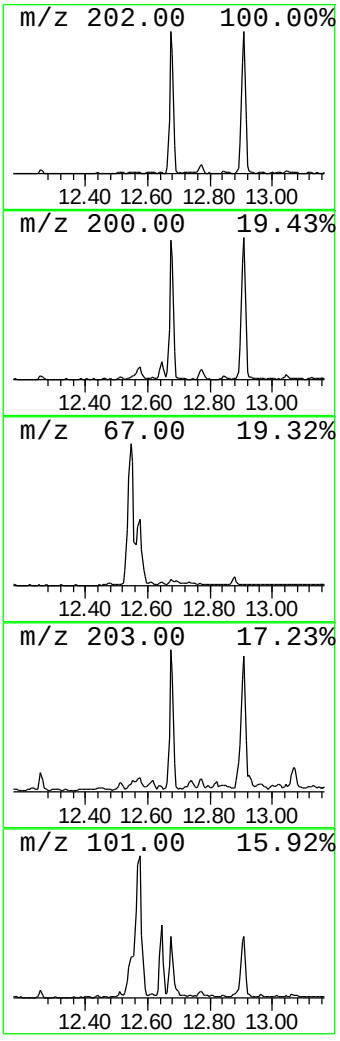
Peak Number 15 Benzene, 1,1'-(1,3-butadiyn... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.67	12.77 ng	777377	Phenanthrene-d10	11.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene	202	C16H10	000206-44-0	98
2	Pyrene	202	C16H10	000129-00-0	93
3	Benzene, 1,1'-(1,3-butadiyne-1,4...	202	C16H10	000886-66-8	76
4	1,4-Pentadiyn-3-one, 1,5-diphenyl-	230	C17H10O	015814-30-9	50
5	Pyrimidine, 2-phenyl-4-hydroxy-5...	202	C11H10N2O2	085386-21-6	40





Library Search Compound Report

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Operator : JU
Sample : K5676-26 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-03-112019

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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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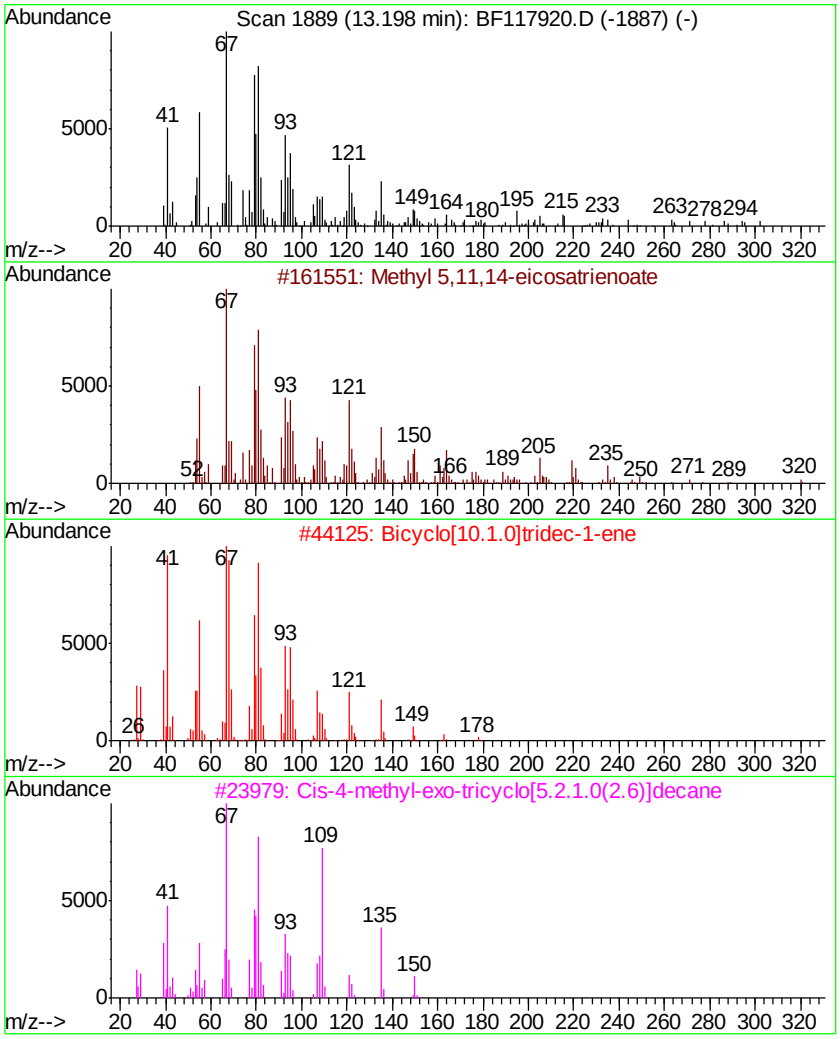
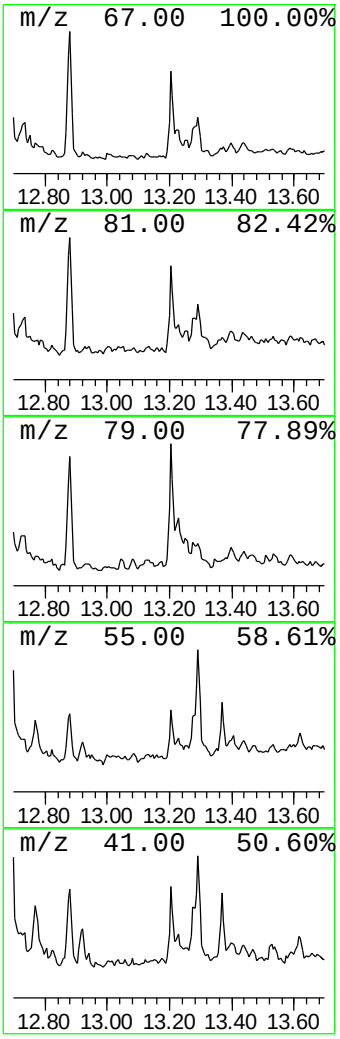
Peak Number 16 Methyl 5,11,14-eicosatrienoate Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.20	5.59 ng	426338	Chrysene-d12	14.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl 5,11,14-eicosatrienoate	320	C21H36O2	1000336-40-2	94
2	Bicyclo[10.1.0]tridec-1-ene	178	C13H22	054766-91-5	93
3	Cis-4-methyl-exo-tricyclo[5.2.1....	150	C11H18	1000215-29-2	83
4	Cis-8-methyl-exo-tricyclo[5.2.1....	150	C11H18	1000215-29-3	70
5	1,5-Cyclododecadiene, (E,Z)-	164	C12H20	019428-99-0	55





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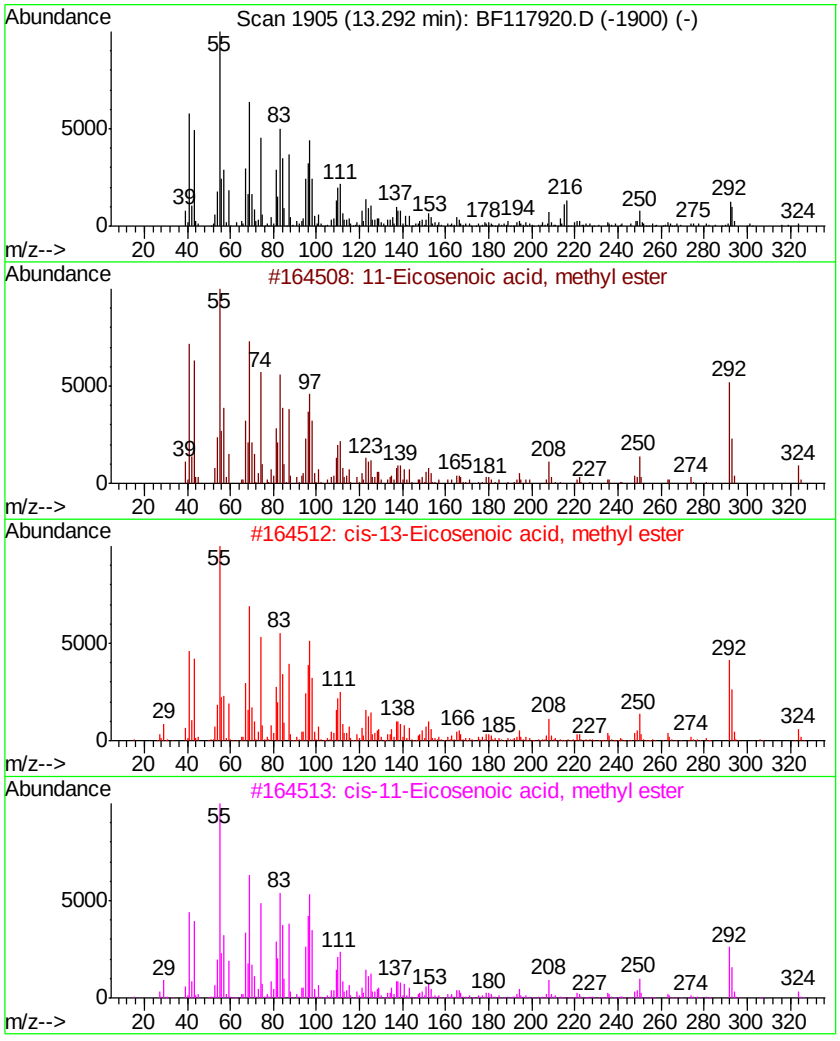
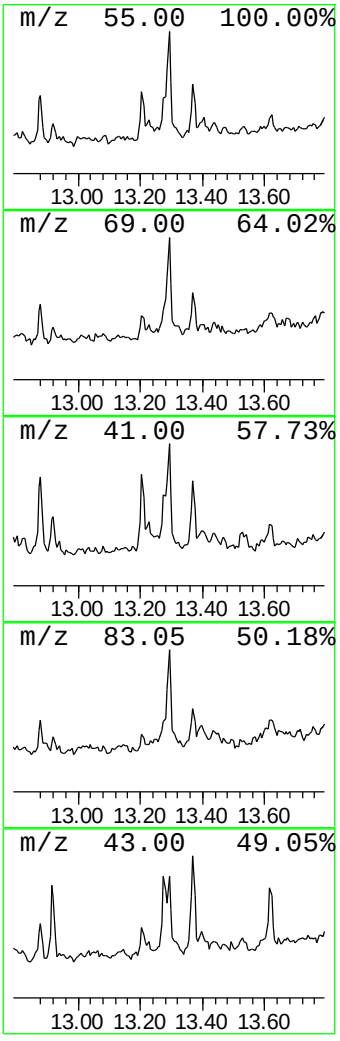
Peak Number 17 11-Eicosenoic acid, methyl ... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.29	8.83 ng	672723	Chrysene-d12	14.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11-Eicosenoic acid, methyl ester	324	C21H40O2	003946-08-5	99
2	cis-13-Eicosenoic acid, methyl e...	324	C21H40O2	1000333-52-1	99
3	cis-11-Eicosenoic acid, methyl e...	324	C21H40O2	1000333-63-8	91
4	9-Octadecenoic acid, (E)-	282	C18H34O2	000112-79-8	90
5	6-Octadecenoic acid	282	C18H34O2	1000336-66-8	86





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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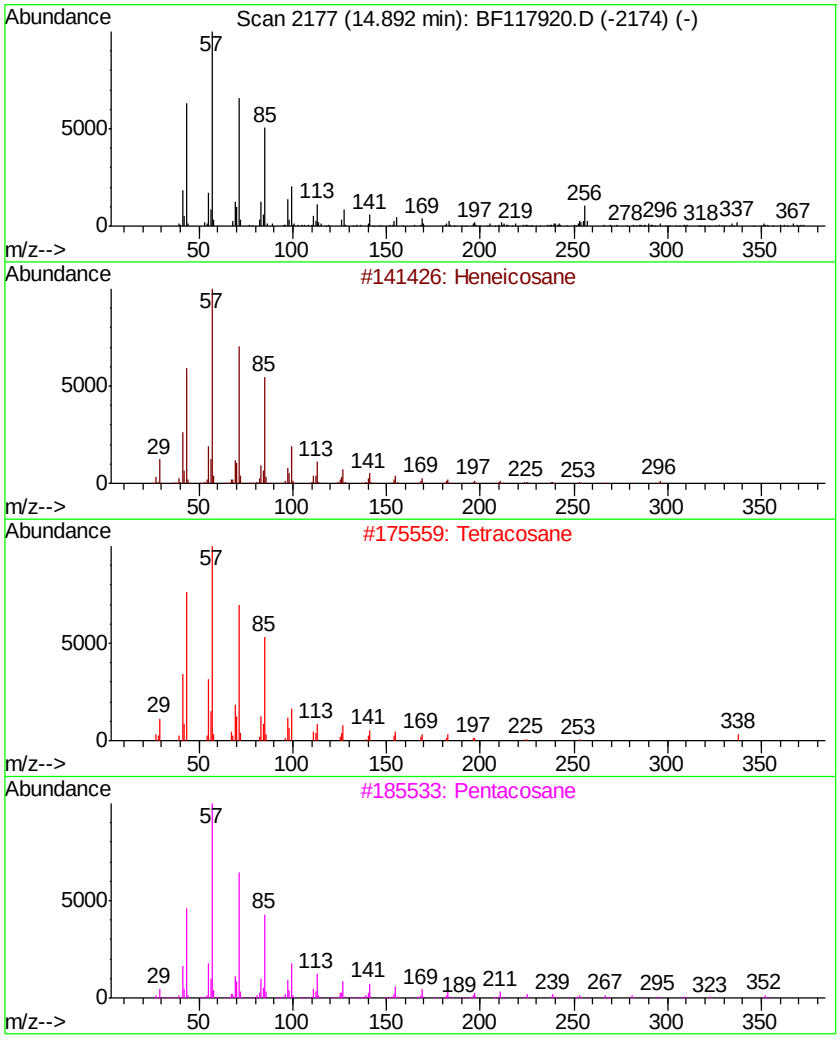
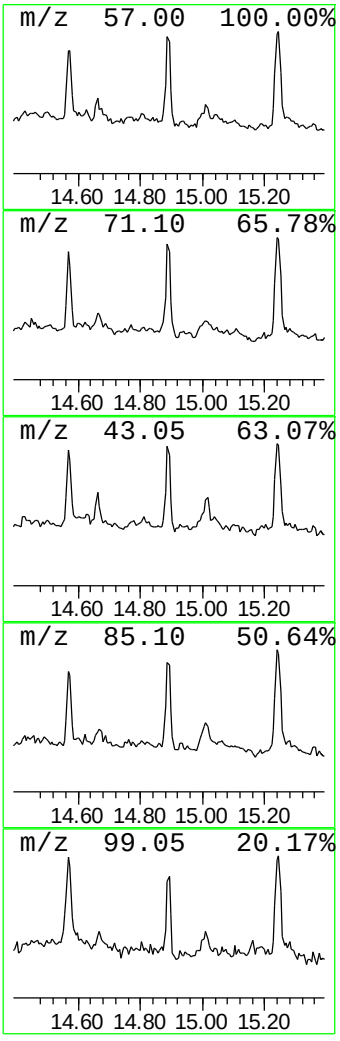
Peak Number 18 Heneicosane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.89	5.30 ng	331411	Perylene-d12	15.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	99
2	Tetracosane	338	C24H50	000646-31-1	98
3	Pentacosane	352	C25H52	000629-99-2	94
4	Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	93
5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	93





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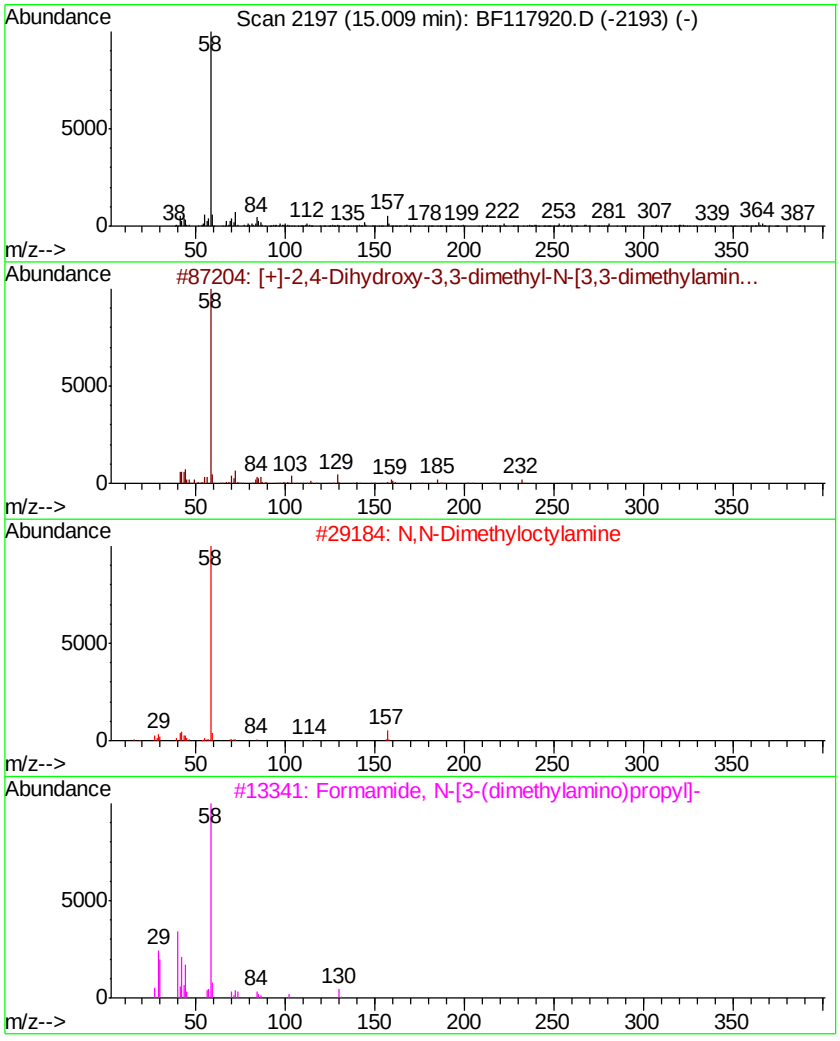
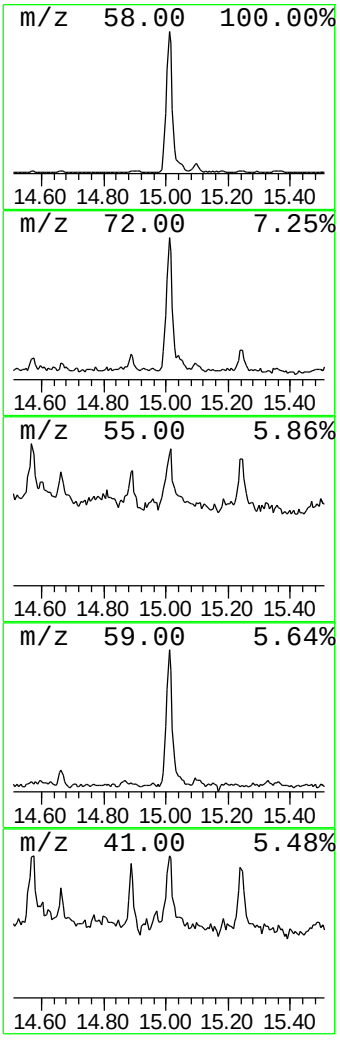
Peak Number 19 [+]-2,4-Dihydroxy-3,3-dimet... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.01	13.16 ng	822943	Perylene-d12	15.62

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	72
3	Formamide, N-[3-(dimethylamino)p...	130	C6H14N2O	005922-69-0	72
4	3-(Dimethylamino)propyl isothioc...	144	C6H12N2S	027421-70-1	72
5	1-Dodecanamine, N,N-dimethyl-	213	C14H31N	000112-18-5	64





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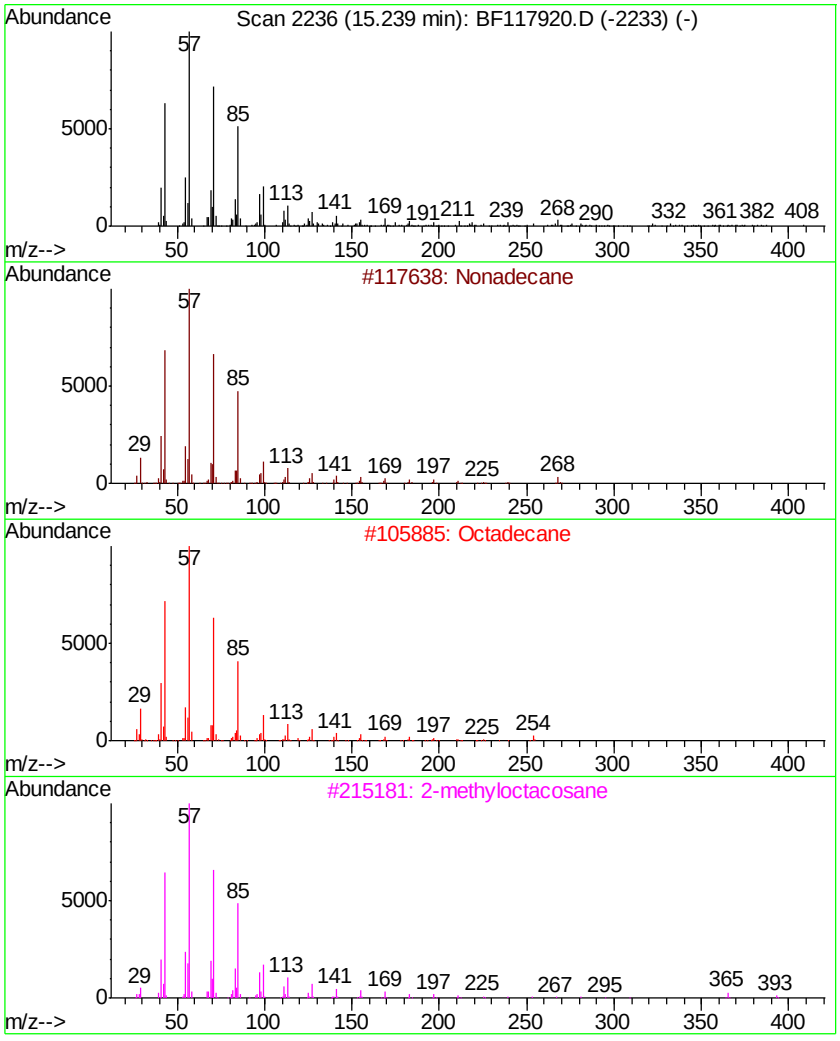
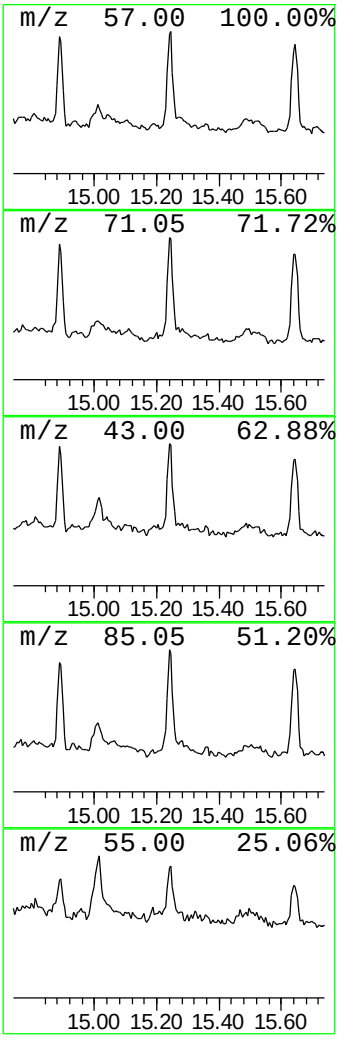
Peak Number 20 Nonadecane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.24	5.07 ng	316885	Perylene-d12	15.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	96
2	Octadecane	254	C18H38	000593-45-3	91
3	2-methyloctacosane	408	C29H60	1000376-72-8	90
4	Tetracosane	338	C24H50	000646-31-1	87
5	Heneicosane	296	C21H44	000629-94-7	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF112119\
Data File : BF117920.D
Acq On : 21 Nov 2019 18:48
Operator : JU
Sample : K5676-26 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-03-112019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF111319.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
Butane, 2-methoxy...	2.14	13.2	ng	562161	1	6.92	849981	20.0
2-Pentanone, 4-hy...	5.11	6.1	ng	259752	1	6.92	849981	20.0
unknown6.68	6.68	34.7	ng	1474970	1	6.92	849981	20.0
Tridecane	8.79	5.5	ng	260504	2	8.20	942085	20.0
Tetradecane	9.36	5.5	ng	324543	3	9.96	1169360	20.0
Pentadecane	9.89	5.0	ng	295345	3	9.96	1169360	20.0
Hexadecane	10.39	5.7	ng	333370	3	9.96	1169360	20.0
Nonane, 5-butyl-	10.87	8.1	ng	492661	4	11.46	1217660	20.0
Hexadecanoic acid...	11.85	78.3	ng	4769130	4	11.46	1217660	20.0
n-Hexadecanoic acid	11.98	7.0	ng	425757	4	11.46	1217660	20.0
9,12-Octadecadien...	12.54	194.0	ng	11809800	4	11.46	1217660	20.0
15-Octadecenoic a...	12.57	217.0	ng	13214300	4	11.46	1217660	20.0
Methyl stearate	12.64	32.1	ng	1953270	4	11.46	1217660	20.0
Benzene, 1,1'-(1,...	12.67	12.8	ng	777377	4	11.46	1217660	20.0
Methyl 5,11,14-ei...	13.20	5.6	ng	426338	5	14.11	1524200	20.0
11-Eicosenoic aci...	13.29	8.8	ng	672723	5	14.11	1524200	20.0
Heneicosane	14.89	5.3	ng	331411	6	15.62	1251050	20.0
[+]-2,4-Dihydroxy...	15.01	13.2	ng	822943	6	15.62	1251050	20.0
Nonadecane	15.24	5.1	ng	316885	6	15.62	1251050	20.0