LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070919\
Data File : BF115448.D
Acq On : 9 Jul 2019 22:05
Operator : HP/JU
Sample : K3627-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-05-070819

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-BF070519.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	2.181	10	16	22	rVB	690784	895079	2.37%	0.814%
2	5.510	577	582	585	rBV	1492275	1334873	3.54%	1.213%
3	6.510	748	752	755	rBV	1628655	1429210	3.79%	1.299%
4	6.663	773	778	781	rBV	1624485	1548115	4.10%	1.407%
5	6.893	814	817	821	rBV	1254717	1011588	2.68%	0.920%
6	7.051	840	844	847	rBV	1469565	1195859	3.17%	1.087%
7	7.445	905	911	922	rBV	1038874	995771	2.64%	0.905%
8	8.175	1031	1035	1038	rBV	1657975	1363927	3.62%	1.240%
9	9.245	1214	1217	1221	rBV	2018609	1798626	4.77%	1.635%
10	9.928	1327	1333	1337	rBV	1794692	1605791	4.26%	1.460%
11	10.710	1462	1466	1470	rVB	1235930	1049207	2.78%	0.954%
12	10.939	1501	1505	1507	rBV	704736	577948	1.53%	0.525%
13	11.410	1582	1585	1588	rBV	1629051	1425821	3.78%	1.296%
14	11.733	1637	1640	1644	rVB	1201316	992713	2.63%	0.902%
15	11.827	1649	1656	1659	rBV	7706135	12798037	33.92%	11.634%
16	11.963	1672	1679	1684	rBV	2270872	2963462	7.85%	2.694%
17	12.127	1704	1707	1715	rVB2	446671	503168	1.33%	0.457%
18	12.210	1718	1721	1726	rBV	551394	500052	1.33%	0.455%
19	12.563	1765	1781	1784	rBV4	8092191	37727465	100.00%	34.296%
20	12.586	1784	1785	1787	rVV	1132618	706692	1.87%	0.642%
21	12.616	1787	1790	1793	rVV	7064740	8286749	21.96%	7.533%
22	12.651	1793	1796	1797	rVV	2726764	2712259	7.19%	2.466%
23	12.674	1797	1800	1806	rVV	3950915	5150801	13.65%	4.682%
24	12.733	1808	1810	1822	rVB	1166567	1405325	3.72%	1.278%
25	12.839	1825	1828	1831	rBV	478027	423188	1.12%	0.385%
26	12.892	1833	1837	1842	rVB3	326016	456577	1.21%	0.415%
27	13.004	1853	1856	1859	rBV	1633705	1414102	3.75%	1.285%
28	13.186	1881	1887	1888	rBV3	438446	623150	1.65%	0.566%
29	13.257	1894	1899	1907	rVB2	1157251	1646020	4.36%	1.496%
30	13.339	1907	1913	1914	rBV	1141884	1248737	3.31%	1.135%
31	13.357	1914	1916	1921	rVV2	2309146	3141810	8.33%	2.856%
32	13.404	1921	1924	1929	rVV	2244938	2983122	7.91%	2.712%
33	13.445	1929	1931	1936	rVV3	834305	1164050	3.09%	1.058%
34	13.498	1937	1940	1943	rVV	643085	809678	2.15%	0.736%

LSC Area Percent Report

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Data File : BF115448.D
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Operator : HP/JU
Sample : K3627-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-05-070819

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-BF070519.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	13.527	1943	1945	1947	rVV2	374013	380541	1.01%	0.346%
36	13.551	1947	1949	1954	rVB	1160961	1262422	3.35%	1.148%
37	13.686	1968	1972	1975	rVV2	263227	397241	1.05%	0.361%
38	13.774	1982	1987	1991	rVB2	793086	1082337	2.87%	0.984%
39	14.033	2028	2031	2035	rVB	888665	796343	2.11%	0.724%
40	14.092	2037	2041	2044	rBV	1122936	1099565	2.91%	1.000%
41	15.639	2300	2304	2309	rVB	900424	1098110	2.91%	0.998%

Sum of corrected areas: 110005531

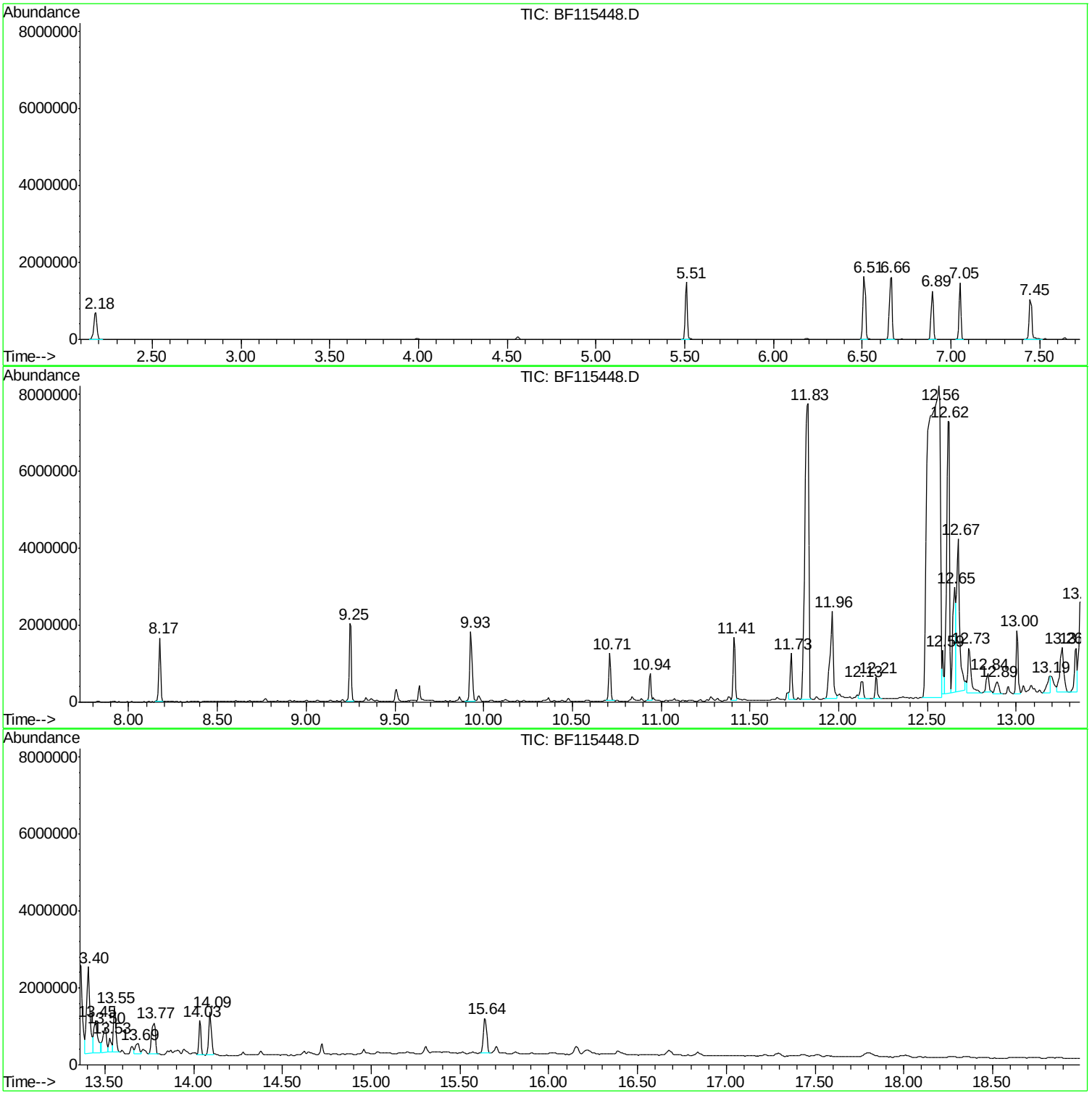
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070919\
Data File : BF115448.D
Acq On : 9 Jul 2019 22:05
Operator : HP/JU
Sample : K3627-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-05-070819

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF070519.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\BF070919\
Data File : BF115448.D
Acq On : 9 Jul 2019 22:05
Operator : HP/JU
Sample : K3627-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-05-070819

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF070519.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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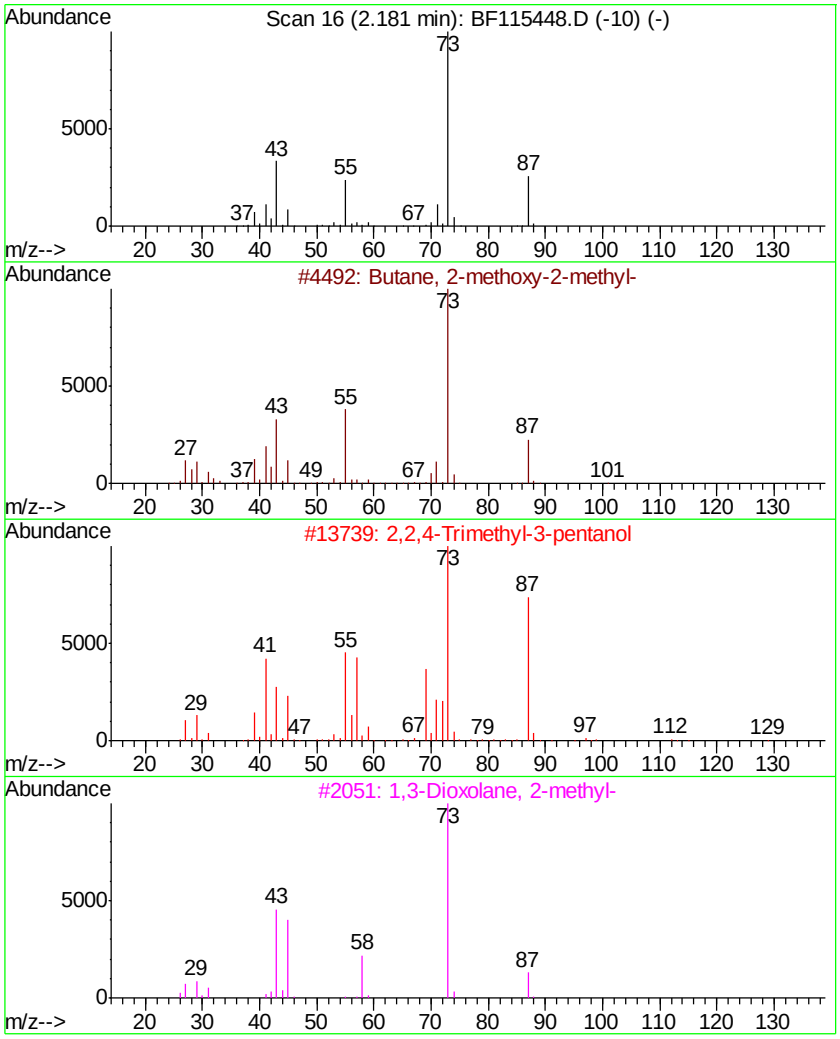
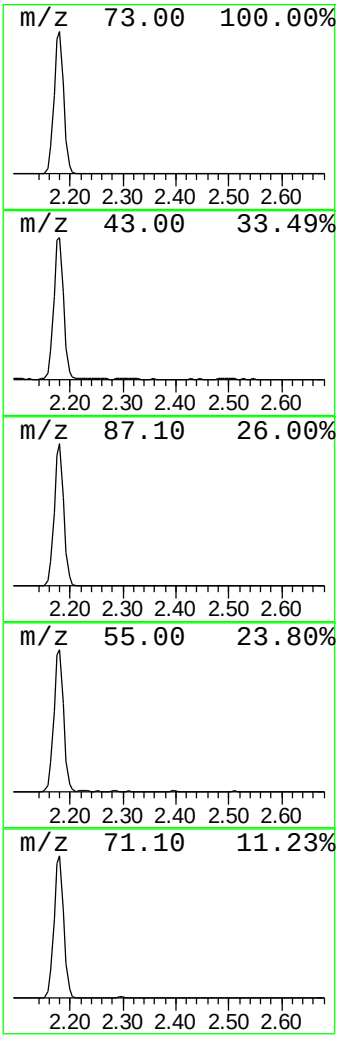
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.18	17.70 ng	895079	1,4-Dichlorobenzene-d4	6.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	17





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070919\
Data File : BF115448.D
Acq On : 9 Jul 2019 22:05
Operator : HP/JU
Sample : K3627-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-05-070819

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF070519.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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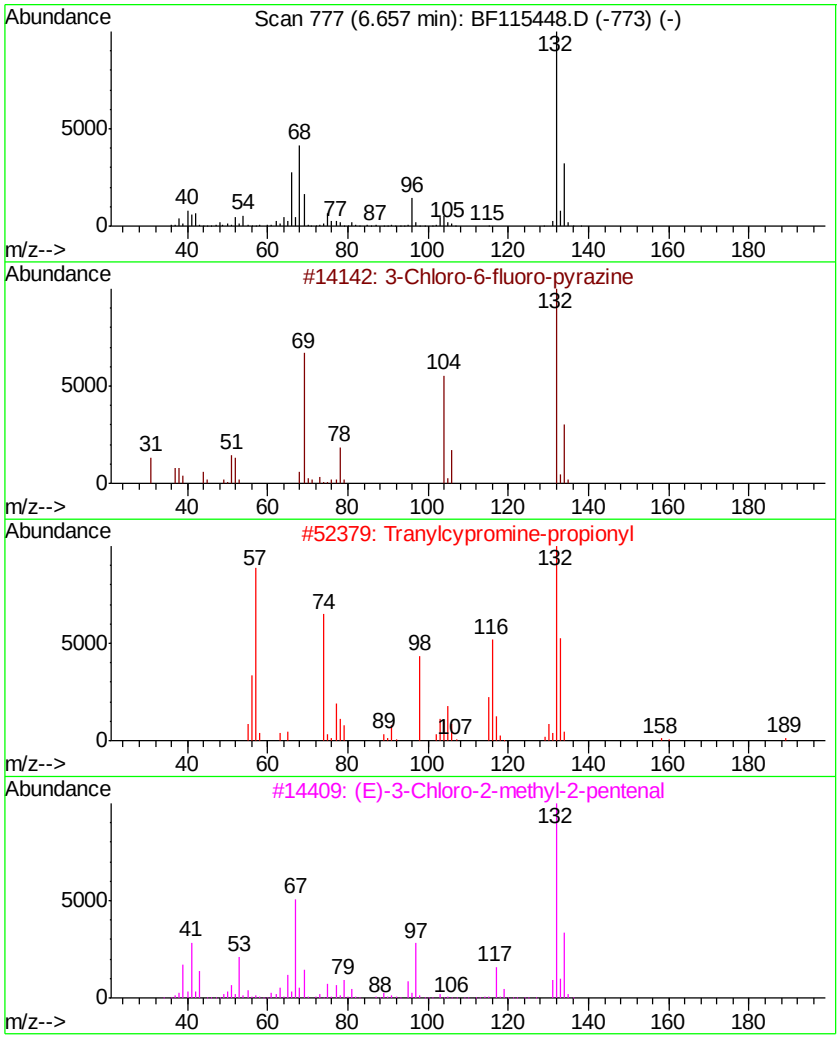
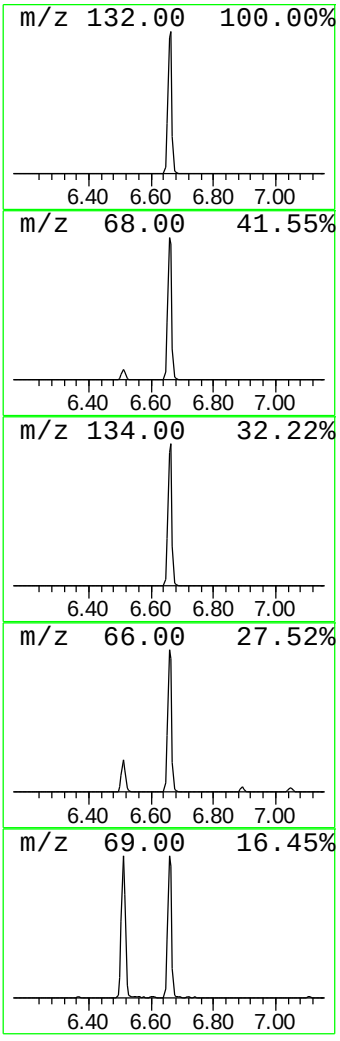
Peak Number 2 unknown6.66 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.66	30.61 ng	1548120	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	35
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	16
3	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9
4	Xenon	132	Xe	007440-63-3	9
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070919\
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Operator : HP/JU
Sample : K3627-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-05-070819

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF070519.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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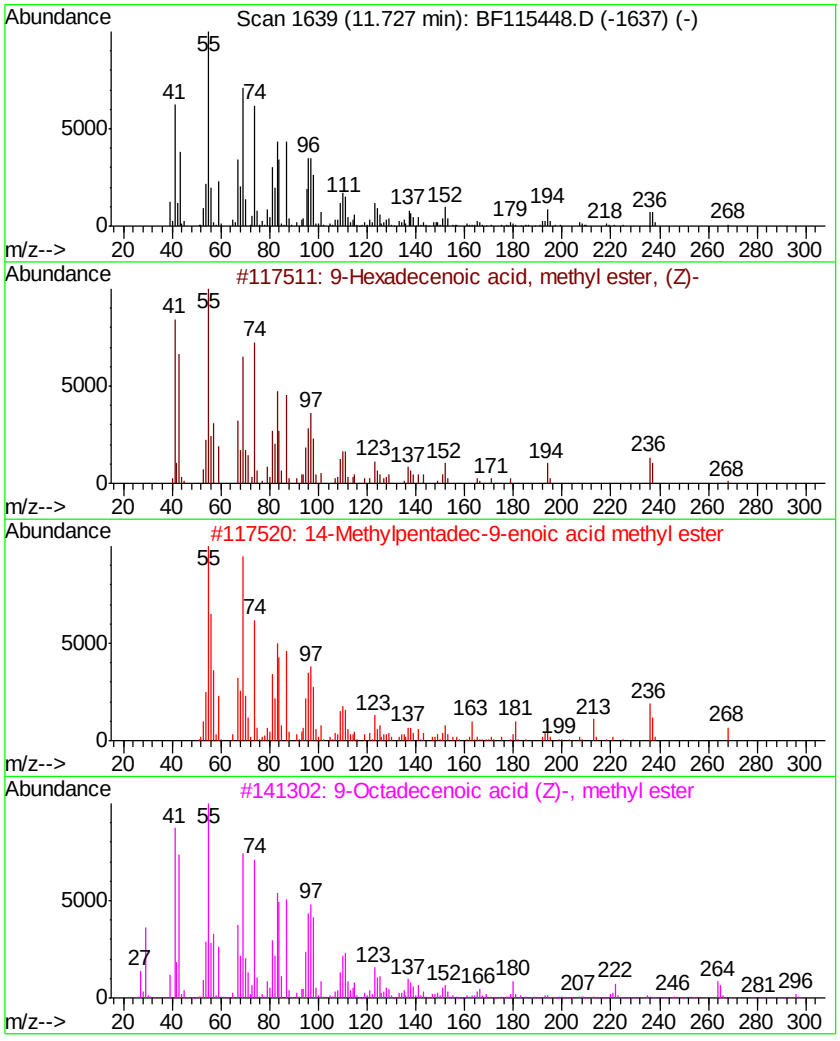
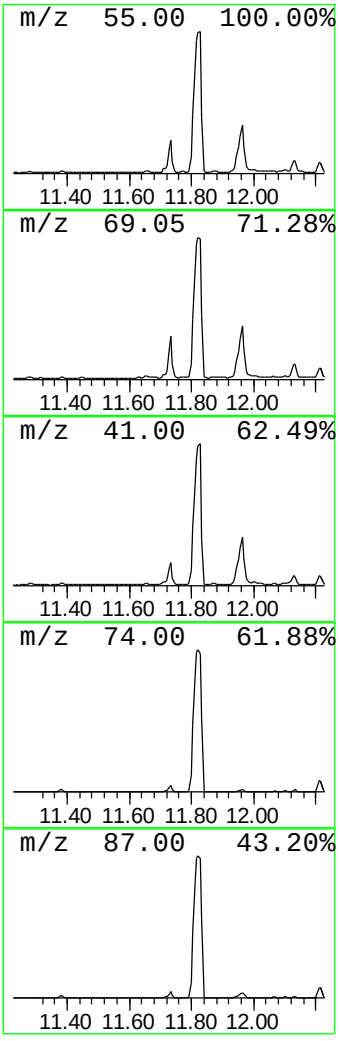
Peak Number 4 9-Hexadecenoic acid, methyl... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.73	13.92 ng	992713	Phenanthrene-d10	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Hexadecenoic acid, methyl este...	268	C17H32O2	001120-25-8	99
2	14-Methylpentadec-9-enoic acid m...	268	C17H32O2	1000365-89-7	95
3	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	93
4	Methyl hexadec-9-enoate	268	C17H32O2	010030-74-7	91
5	Palmitoleic acid	254	C16H30O2	000373-49-9	76





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Sample : K3627-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-05-070819

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF070519.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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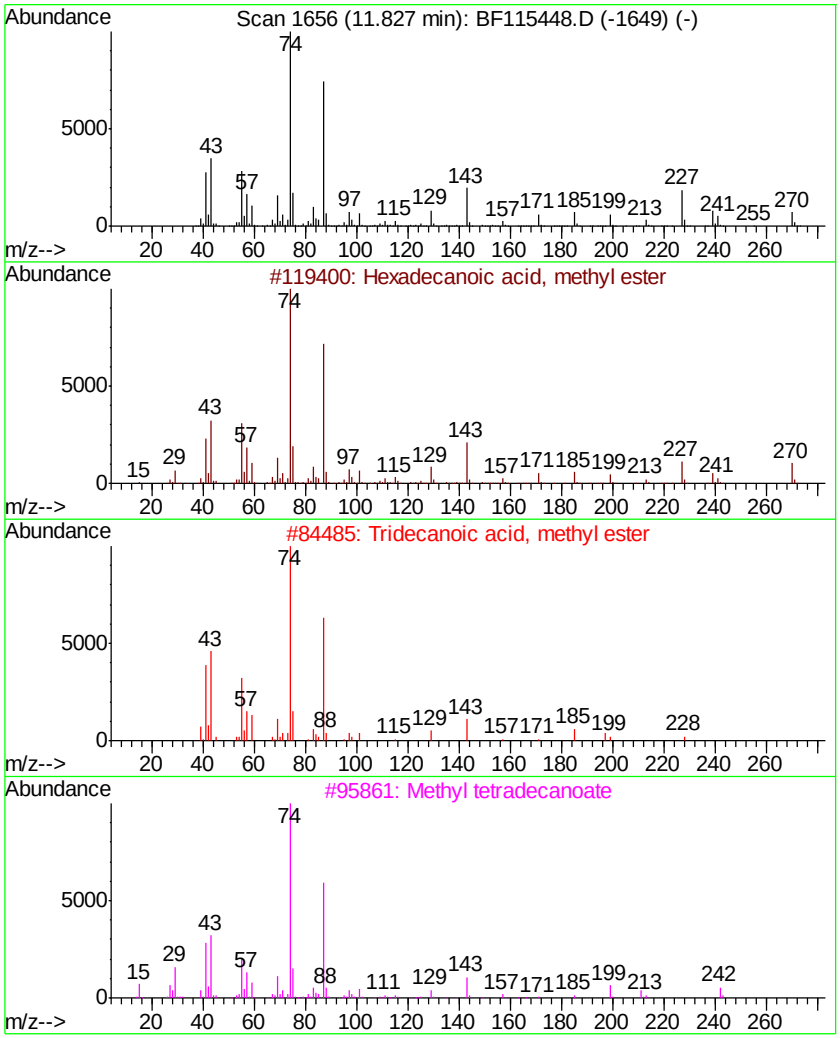
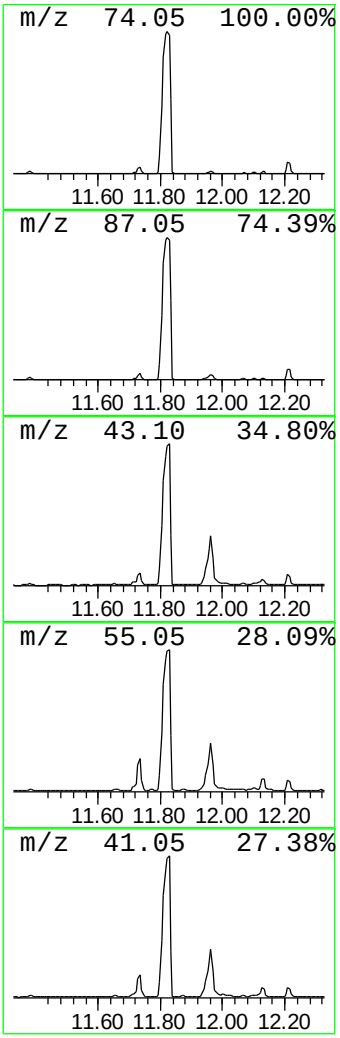
Peak Number 5 Hexadecanoic acid, methyl e... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.83	179.52 ng	12798000	Phenanthrene-d10	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	98
2	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	96
3	Methyl tetradecanoate	242	C15H30O2	000124-10-7	93
4	Hexadecanoic acid, 2-methyl-	270	C17H34O2	027147-71-3	83
5	Decanoic acid, methyl ester	186	C11H22O2	000110-42-9	81





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070919\
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Sample : K3627-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-05-070819

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF070519.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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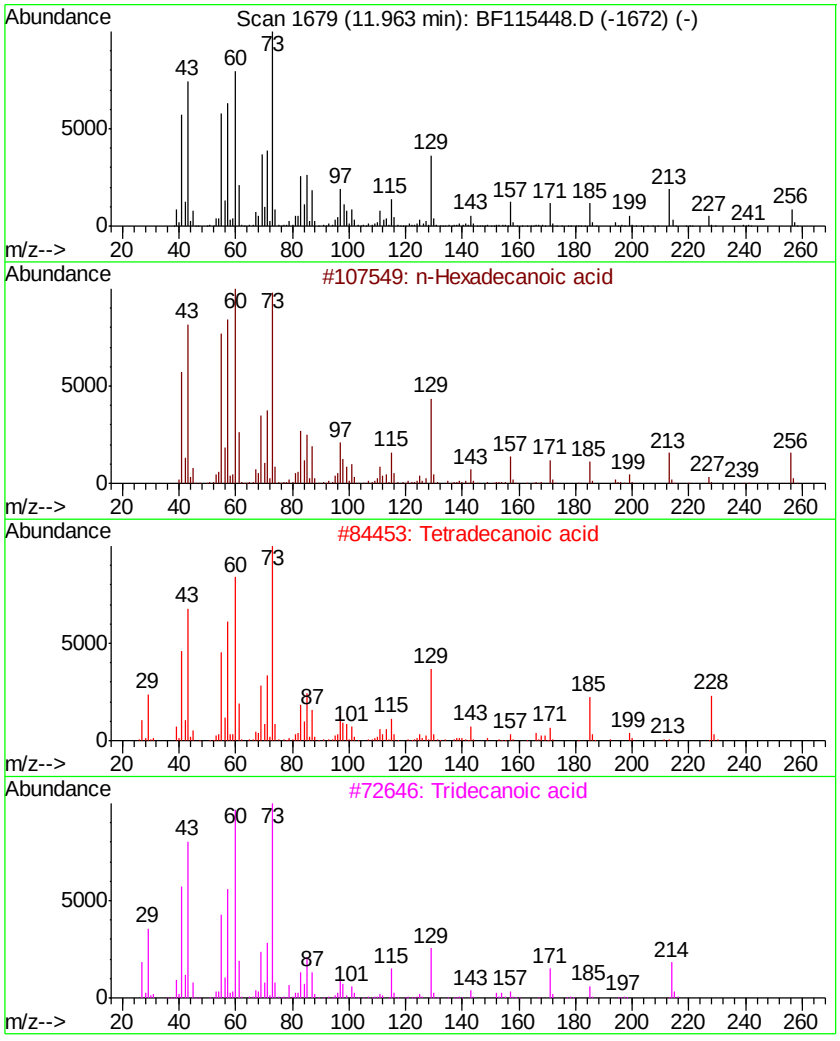
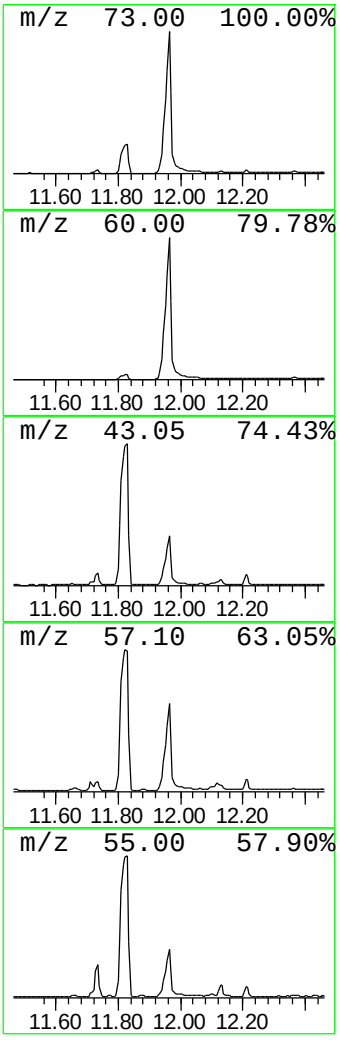
Peak Number 6 n-Hexadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.96	41.57 ng	2963460	Phenanthrene-d10	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	91
3	Tridecanoic acid	214	C13H26O2	000638-53-9	90
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
5	Dodecanoic acid	200	C12H24O2	000143-07-7	30





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Operator : HP/JU
Sample : K3627-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-05-070819

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF070519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

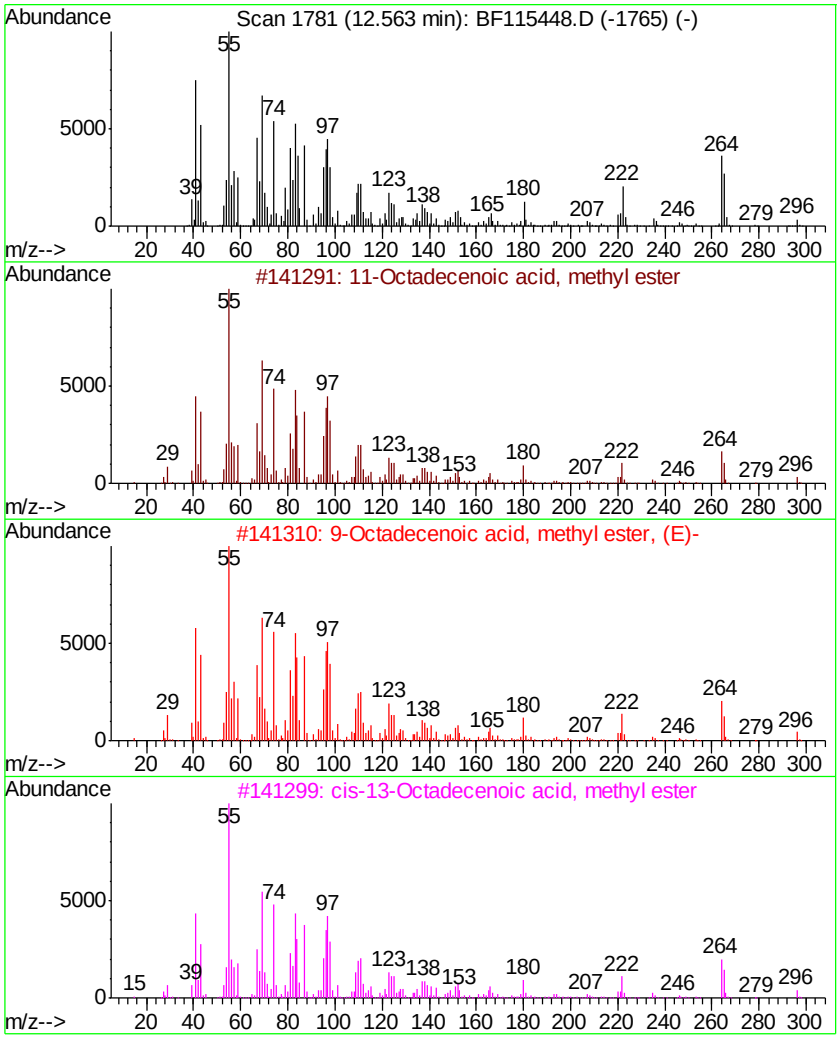
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

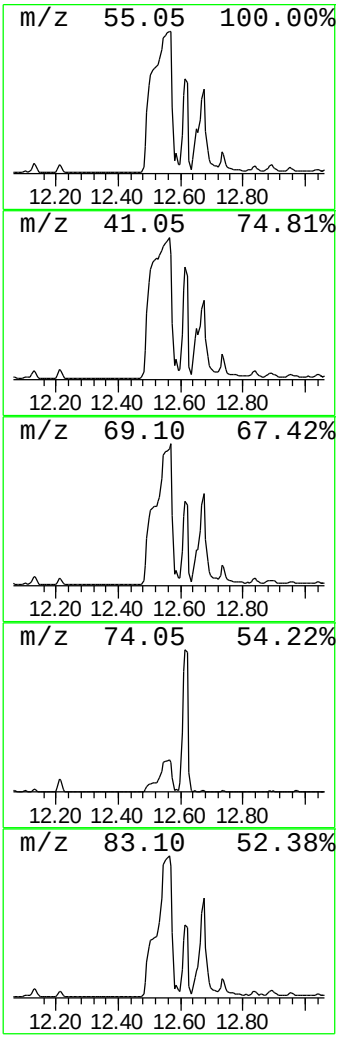
****

Peak Number 7 11-Octadecenoic acid, methy... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.56	529.20 ng	37727500	Phenanthrene-d10	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11-Octadecenoic acid, methyl ester	296	C19H36O2	052380-33-3	99
2	9-Octadecenoic acid, methyl este...	296	C19H36O2	001937-62-8	99
3	cis-13-Octadecenoic acid, methyl...	296	C19H36O2	1000333-58-3	99
4	6-Octadecenoic acid, methyl este...	296	C19H36O2	002777-58-4	97
5	10-Octadecenoic acid, methyl ester	296	C19H36O2	013481-95-3	96





Library Search Compound Report

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Instrument : BNA_F
ClientSampleId : TR-05-070819

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF070519.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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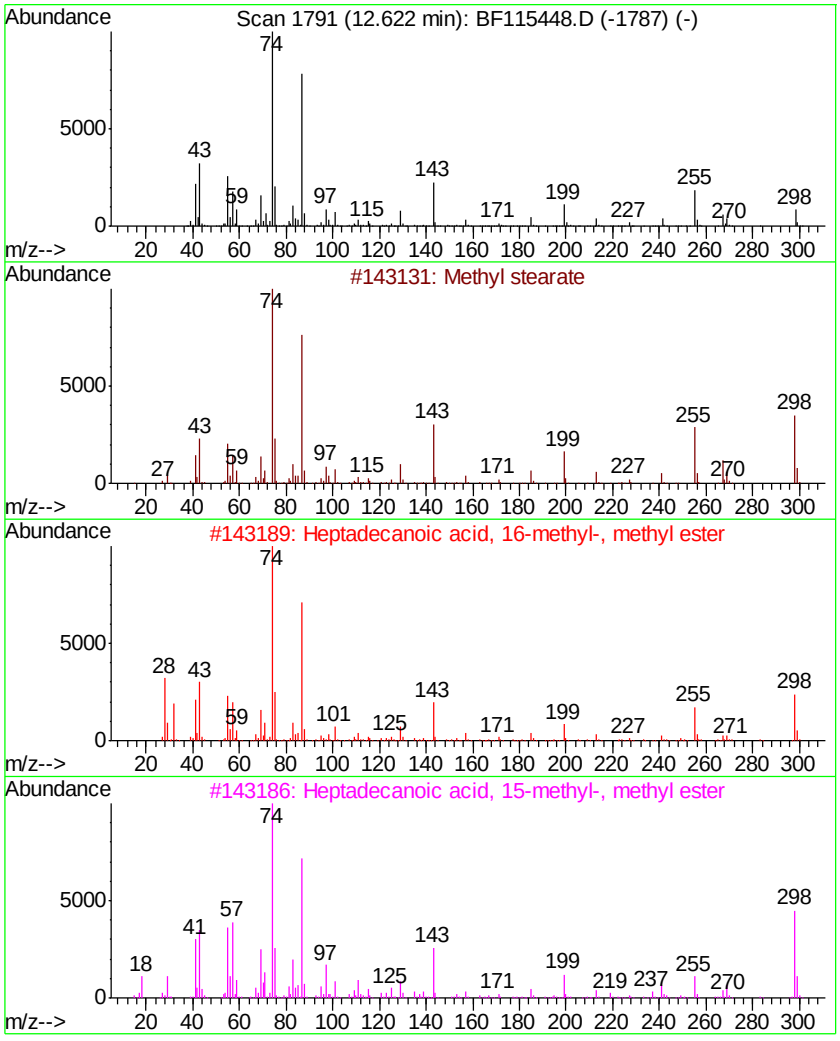
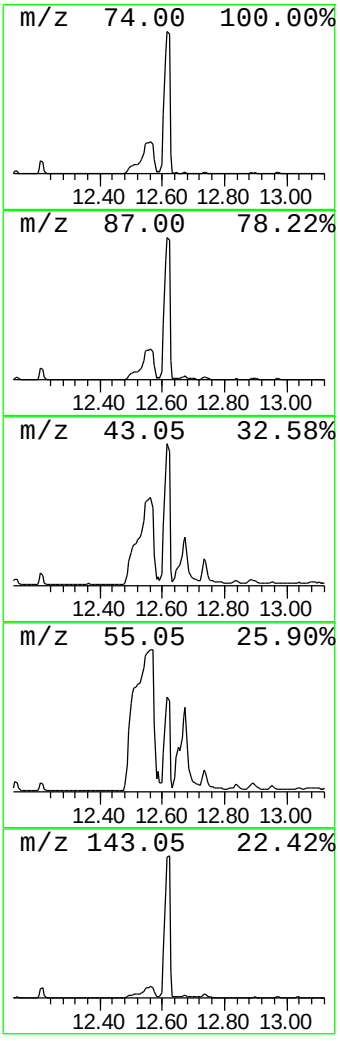
Peak Number 8 Methyl stearate Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.62	116.24 ng	8286750	Phenanthrene-d10	11.41

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	92
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	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070919\
Data File : BF115448.D
Acq On : 9 Jul 2019 22:05
Operator : HP/JU
Sample : K3627-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-05-070819

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF070519.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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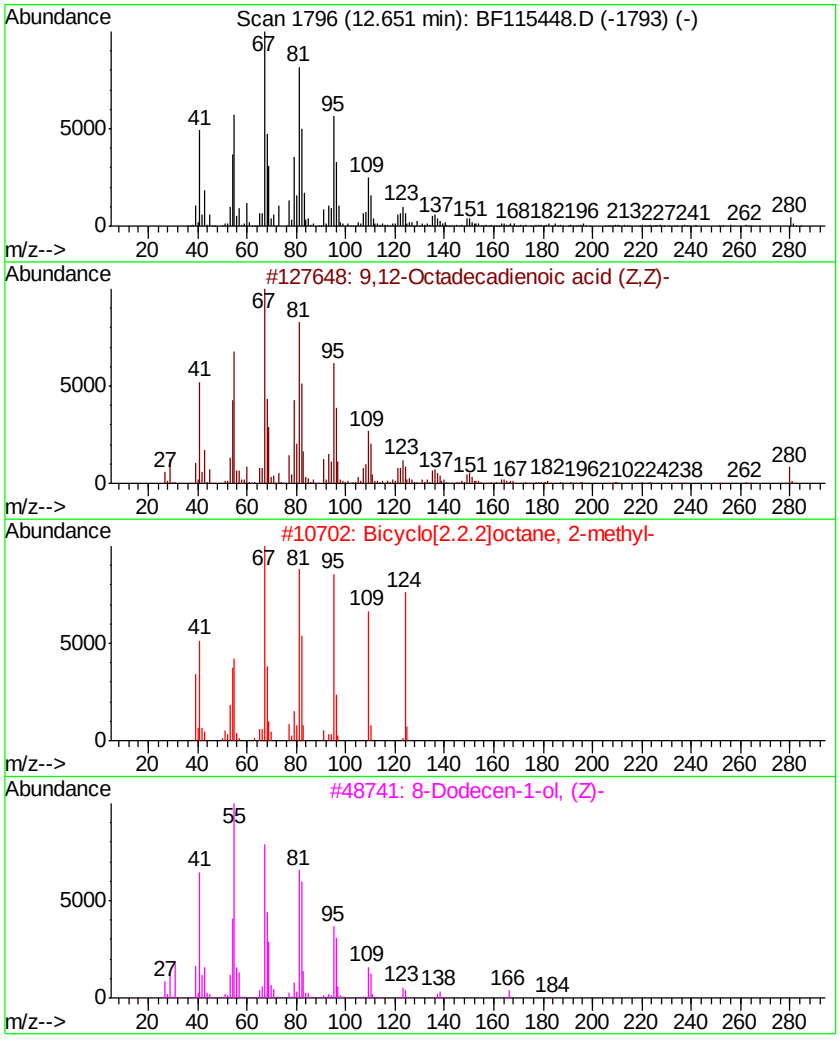
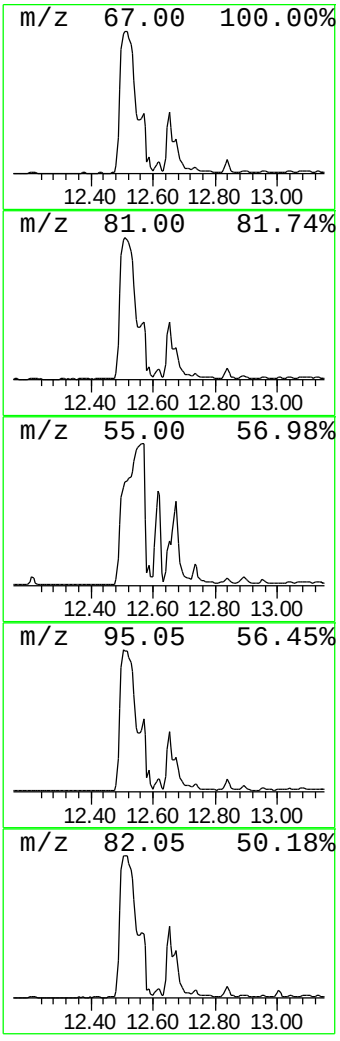
Peak Number 9 9,12-Octadecadienoic acid (... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.65	38.04 ng	2712260	Phenanthrene-d10	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid (Z,Z)-	280	C18H32O2	000060-33-3	99
2	Bicyclo[2.2.2]octane, 2-methyl-	124	C9H16	000766-53-0	87
3	8-Dodecen-1-ol, (Z)-	184	C12H24O	040642-40-8	80
4	3,4-Octadiene, 7-methyl-	124	C9H16	037050-05-8	74
5	9-Octadecyne	250	C18H34	035365-59-4	68





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Operator : HP/JU
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Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-05-070819

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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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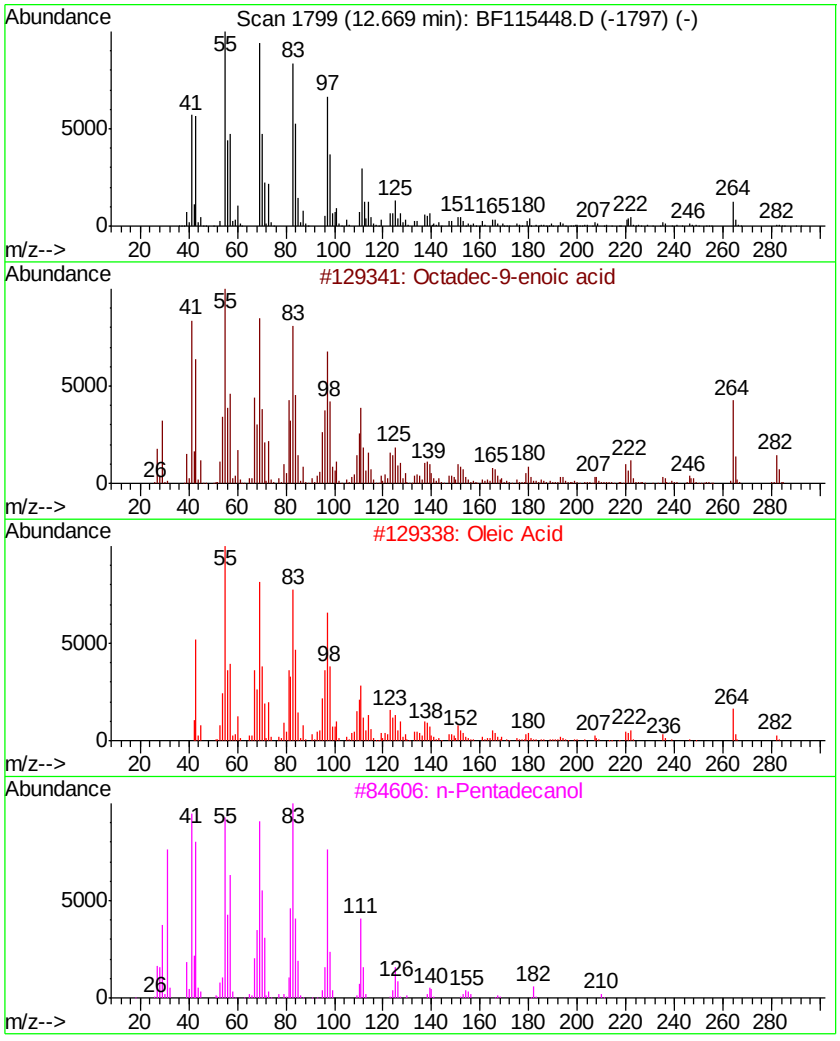
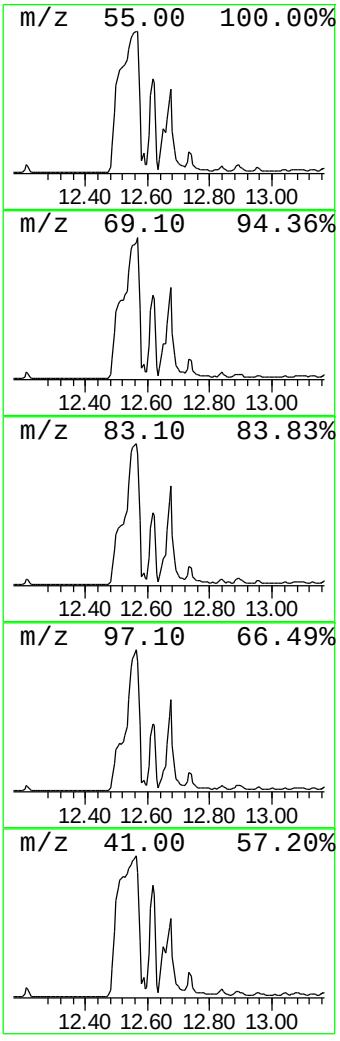
Peak Number 10 Octadec-9-enoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.67	72.25 ng	5150800	Phenanthrene-d10	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadec-9-enoic acid	282	C18H34O2	1000190-13-7	90
2	Oleic Acid	282	C18H34O2	000112-80-1	83
3	n-Pentadecanol	228	C15H32O	000629-76-5	74
4	1-Tetradecanol	214	C14H30O	000112-72-1	74
5	cis-13-Octadecenoic acid	282	C18H34O2	013126-39-1	68





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Operator : HP/JU
Sample : K3627-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-05-070819

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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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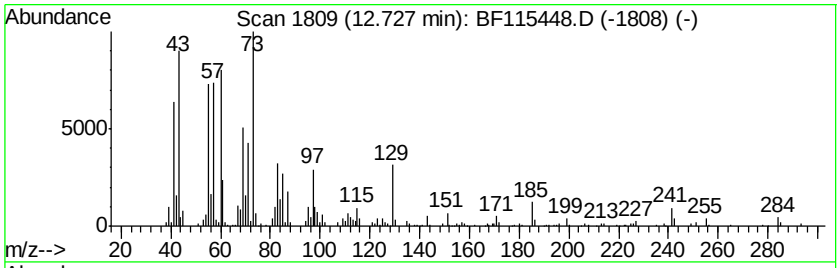
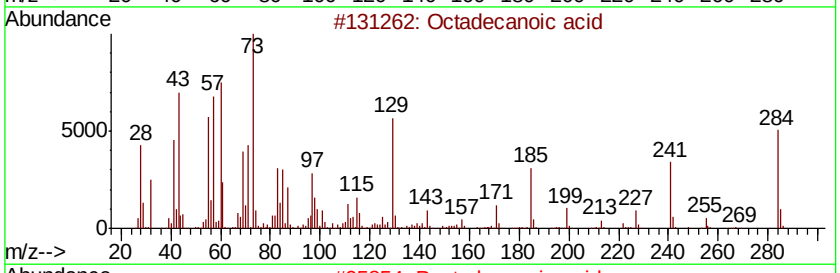
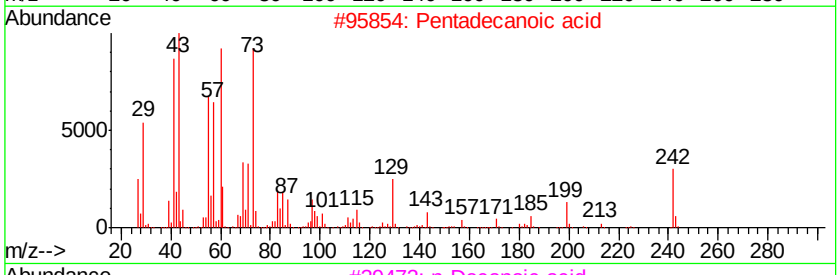
Peak Number 11 Octadecanoic acid Concentration Rank 15

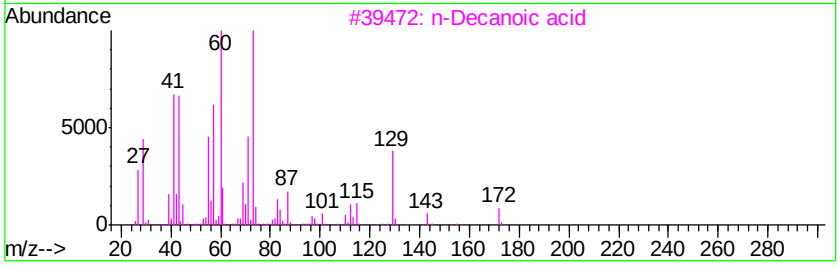
R.T.	EstConc	Area	Relative to ISTD	R.T.
12.73	19.71 ng	1405330	Phenanthrene-d10	11.41

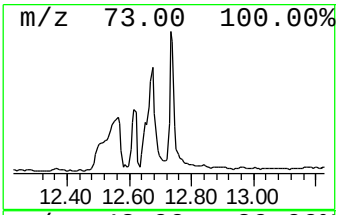
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
3	n-Decanoic acid	172	C10H20O2	000334-48-5	76
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	64
5	Hexadecane	226	C16H34	000544-76-3	56

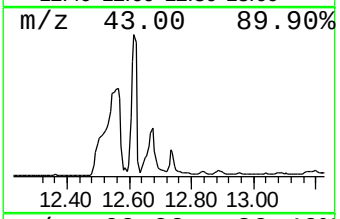


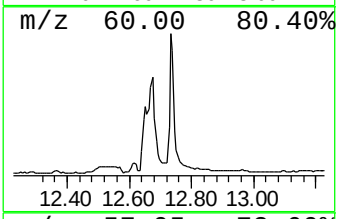


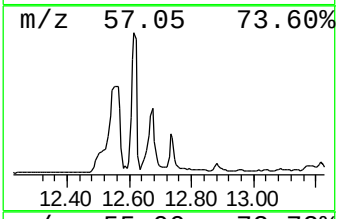


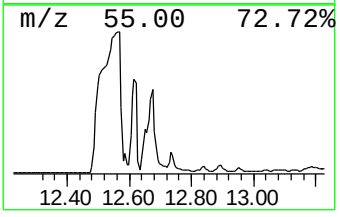












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Acq On : 9 Jul 2019 22:05
Operator : HP/JU
Sample : K3627-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-05-070819

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF070519.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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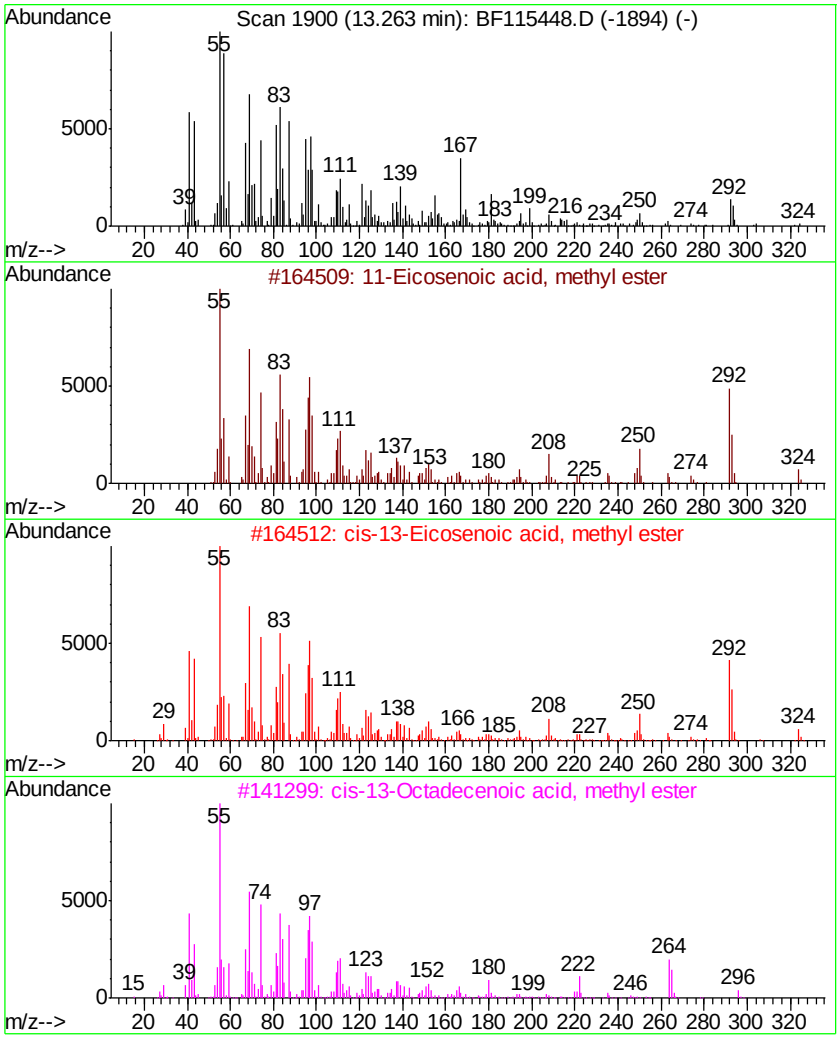
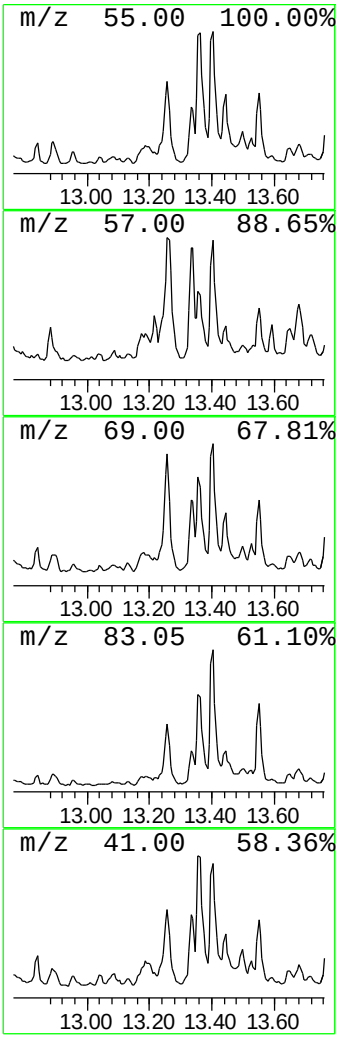
Peak Number 12 11-Eicosenoic acid, methyl ... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.26	29.94 ng	1646020	Chrysene-d12	14.09

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-13-Octadecenoic acid, methyl...	296	C19H36O2	1000333-58-3	90
4	trans-13-Octadecenoic acid, meth...	296	C19H36O2	1000333-61-3	90
5	cis-10-Heptadecenoic acid, methy...	282	C18H34O2	1000333-62-1	89





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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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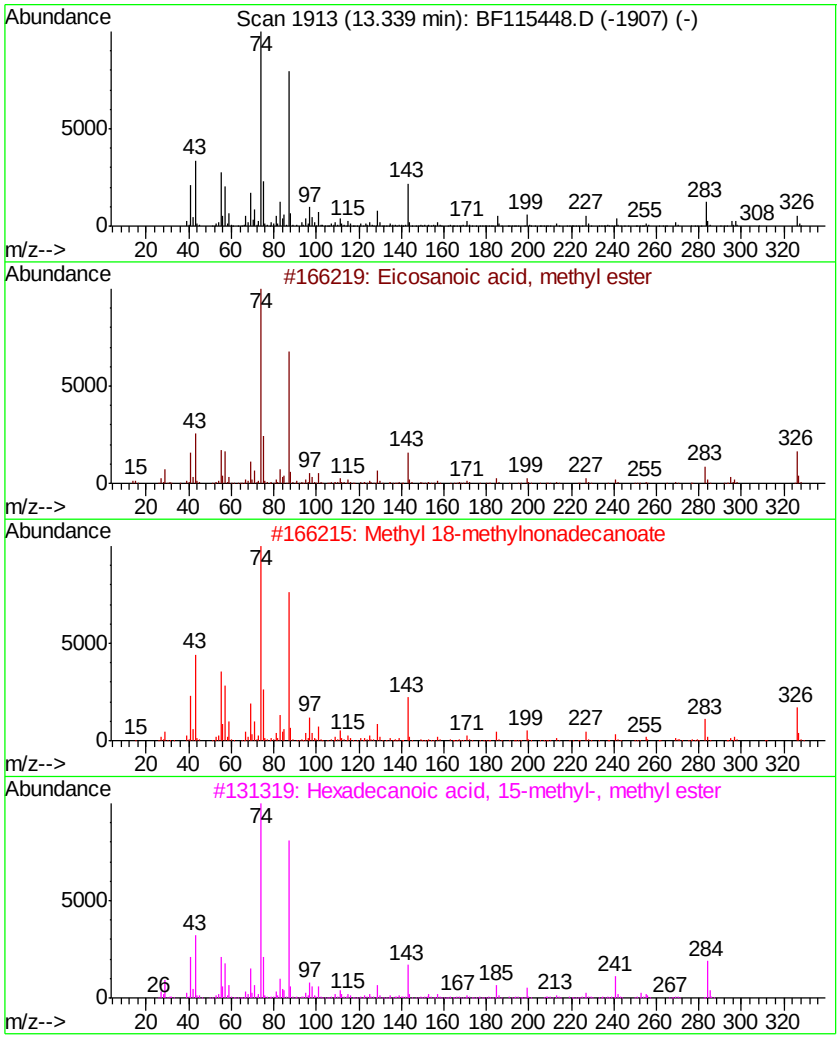
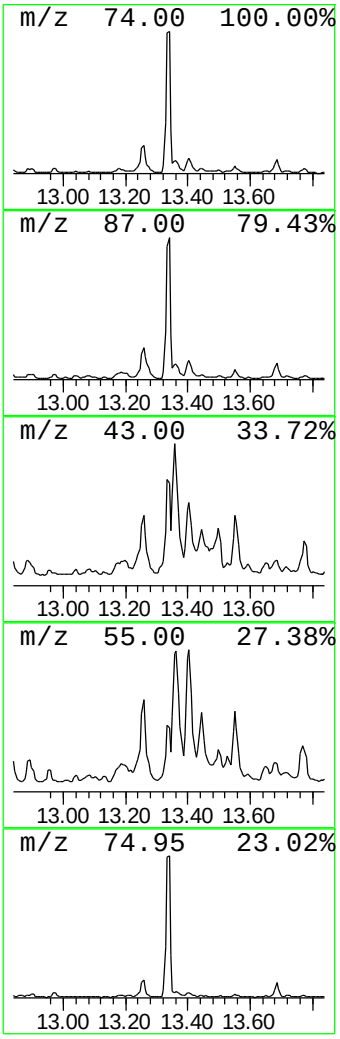
Peak Number 13 Eicosanoic acid, methyl ester Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.34	22.71 ng	1248740	Chrysene-d12	14.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosanoic acid, methyl ester	326	C21H42O2	001120-28-1	99
2	Methyl 18-methylnonadecanoate	326	C21H42O2	1000352-20-6	98
3	Hexadecanoic acid, 15-methyl-, m...	284	C18H36O2	006929-04-0	95
4	Heptadecanoic acid, methyl ester	284	C18H36O2	001731-92-6	93
5	Heptadecanoic acid, 16-methyl-, ...	298	C19H38O2	005129-61-3	87





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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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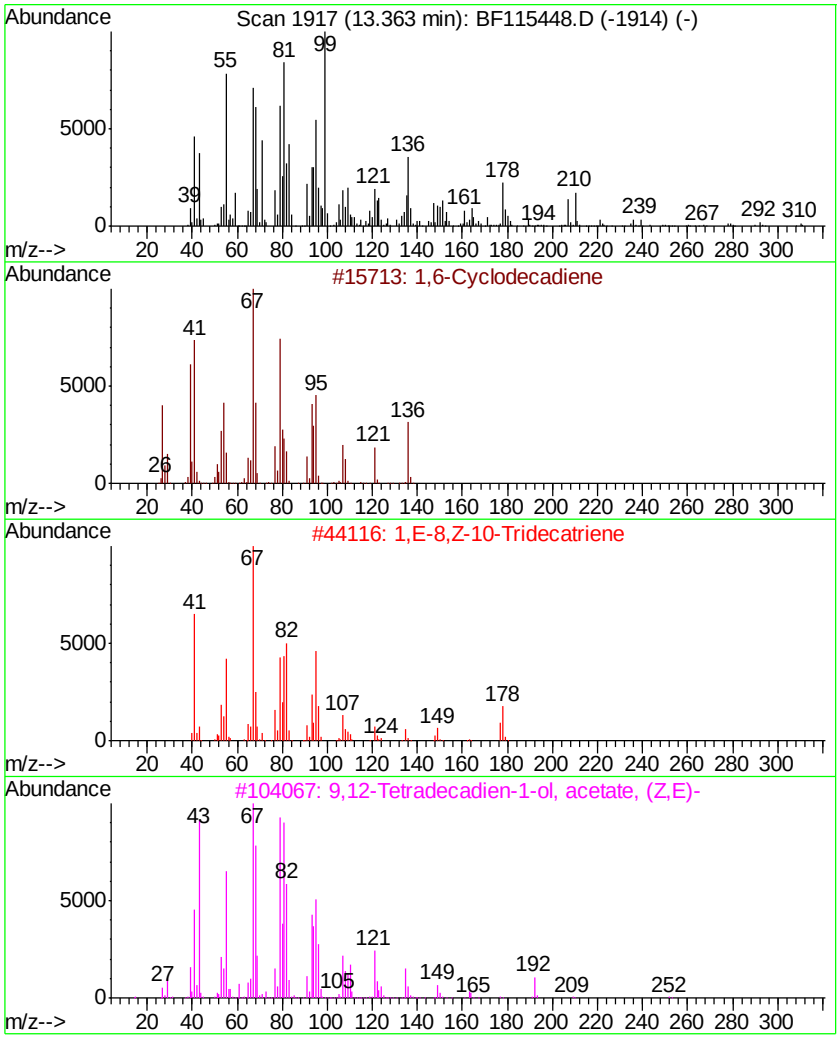
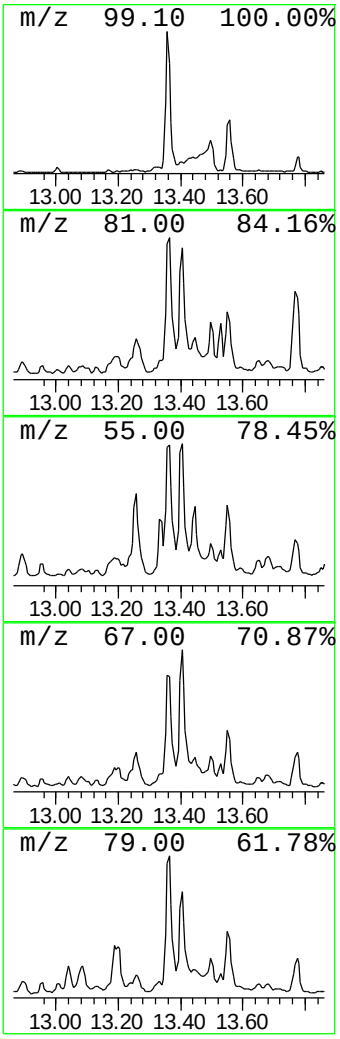
Peak Number 14 1,6-Cyclodecadiene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.36	57.15 ng	3141810	Chrysene-d12	14.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,6-Cyclodecadiene	136	C10H16	007049-13-0	56
2	1,E-8,Z-10-Tridecatriene	178	C13H22	080625-30-5	46
3	9,12-Tetradecadien-1-ol, acetate...	252	C16H28O2	031654-77-0	45
4	1,5-Cyclodecadiene, (E,Z)-	136	C10H16	001124-78-3	42
5	3-Methyl-cis-3a,4,7,7a-tetrahydr...	136	C10H16	1000144-04-4	42





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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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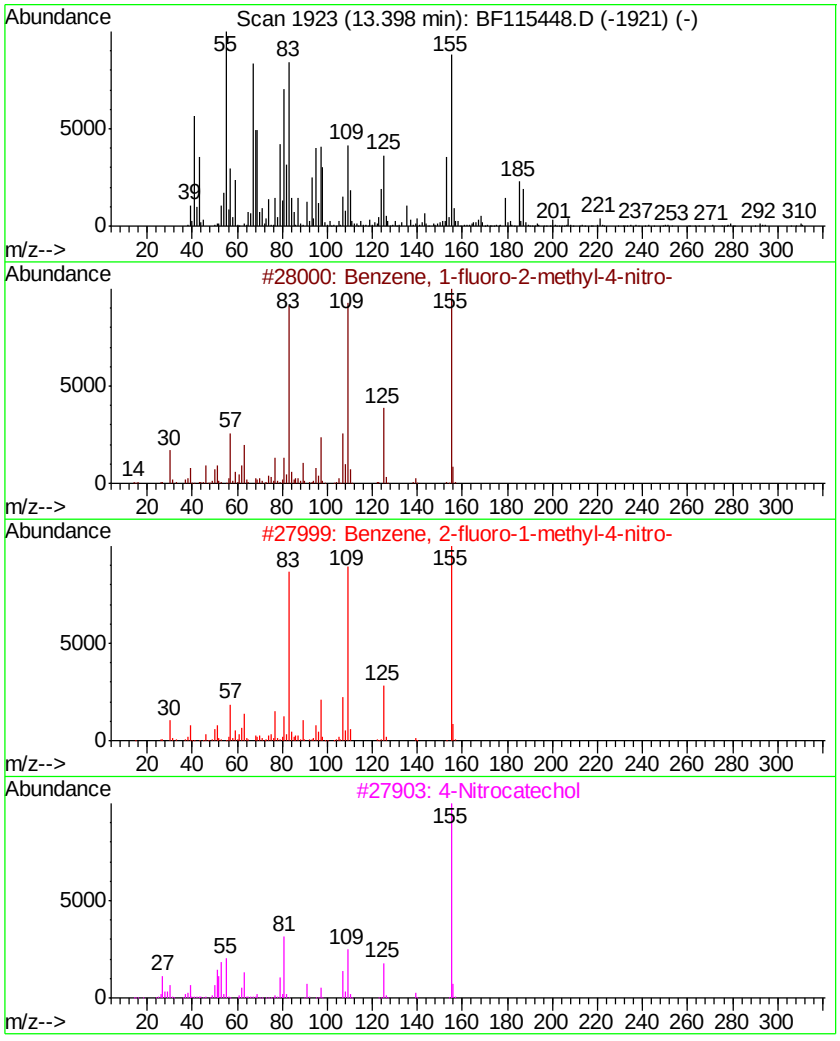
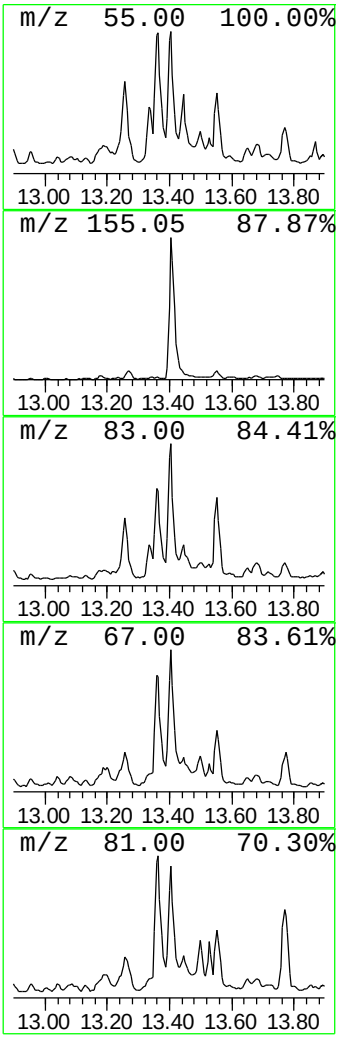
Peak Number 15 unknown13.40 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.40	54.26 ng	2983120	Chrysene-d12	14.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-fluoro-2-methyl-4-nitro-	155	C7H6FNO2	000455-88-9	43
2	Benzene, 2-fluoro-1-methyl-4-nitro-	155	C7H6FNO2	001427-07-2	43
3	4-Nitrocatechol	155	C6H5NO4	003316-09-4	43
4	1,2-Cyclohexanedicarboxylic acid...	336	C19H25FO4	1000339-78-2	38
5	1,2-Cyclohexanedicarboxylic acid...	352	C19H25ClO4	1000339-68-6	38





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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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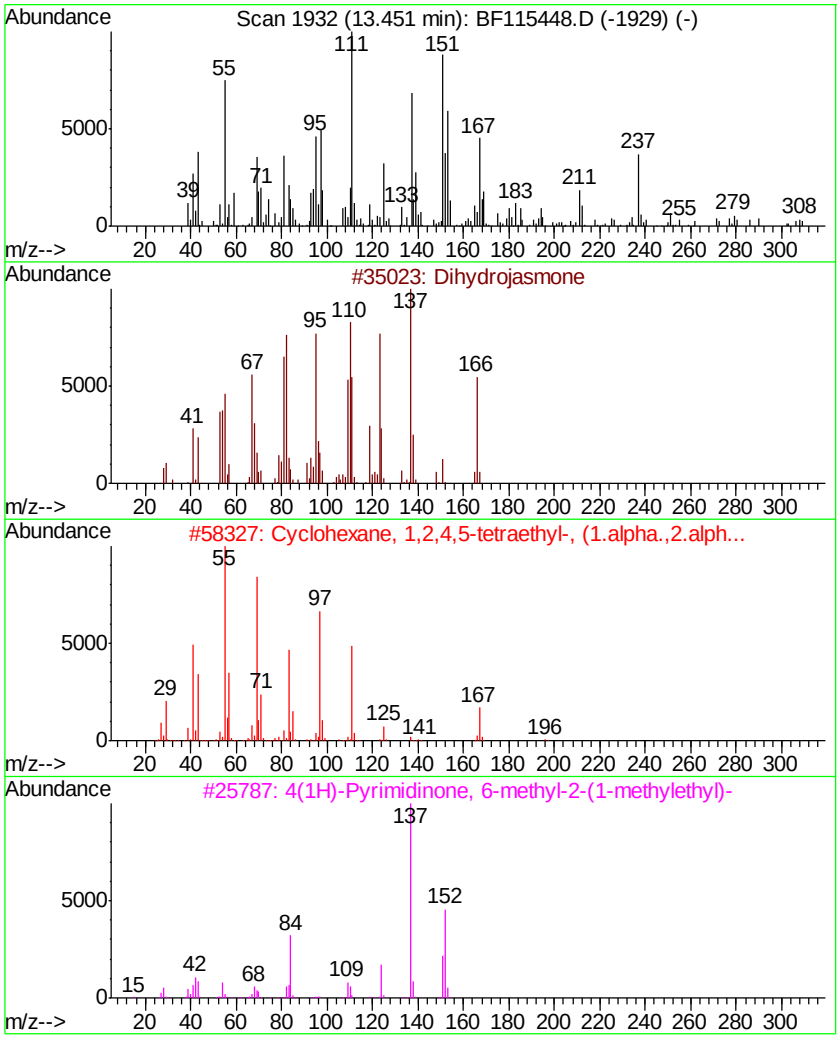
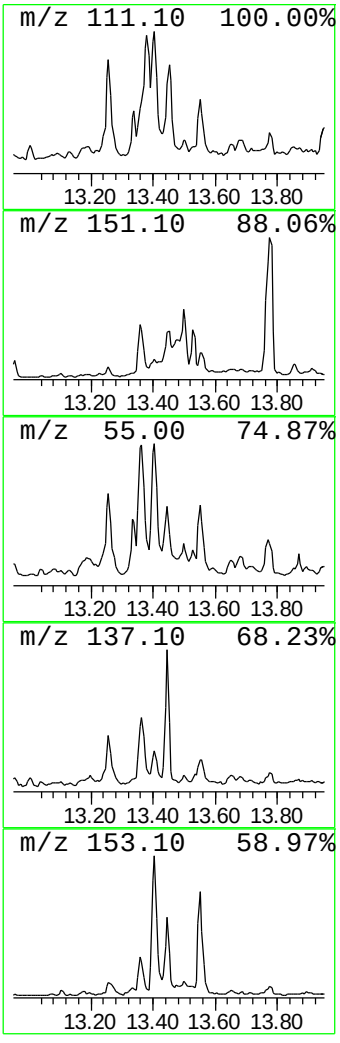
Peak Number 16 unknown13.45 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.45	21.17 ng	1164050	Chrysene-d12	14.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dihydrojasmone	166	C11H18O	001128-08-1	22
2	Cyclohexane, 1,2,4,5-tetraethyl-...	196	C14H28	061142-24-3	11
3	4(1H)-Pyrimidinone, 6-methyl-2-(...	152	C8H12N2O	002814-20-2	11
4	2,5-Cyclohexadien-1-one, 4,4-dim...	168	C9H12O3	072054-83-2	10
5	1,5-Hexadiene, 2,5-dipropyl-	166	C12H22	1000158-33-4	10





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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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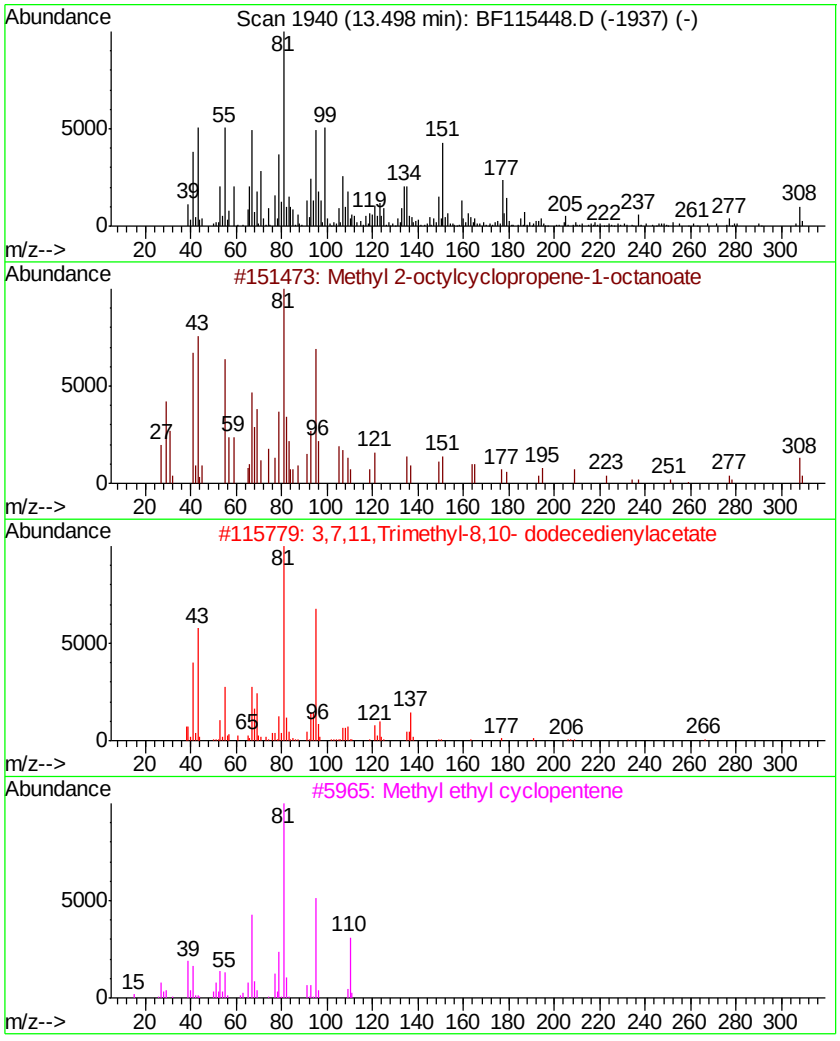
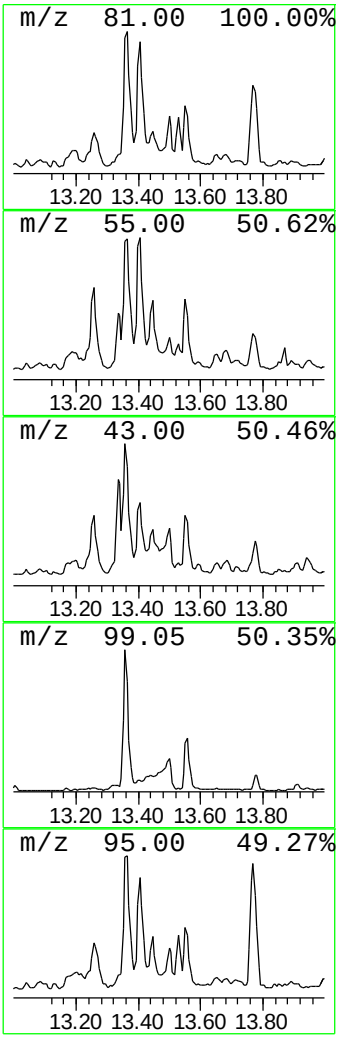
Peak Number 17 unknown13.50 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.50	14.73 ng	809678	Chrysene-d12	14.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl 2-octylcyclopropene-1-oct...	308	C20H36O2	003220-60-8	45
2	3,7,11,Trimethyl-8,10- dodecedie...	266	C17H30O2	1000374-10-3	22
3	Methyl ethyl cyclopentene	110	C8H14	019780-56-4	14
4	1-Allyl-1-cyclohexanol	140	C9H16O	001123-34-8	14
5	1-Ethyl-5-methylcyclopentene	110	C8H14	097797-57-4	14





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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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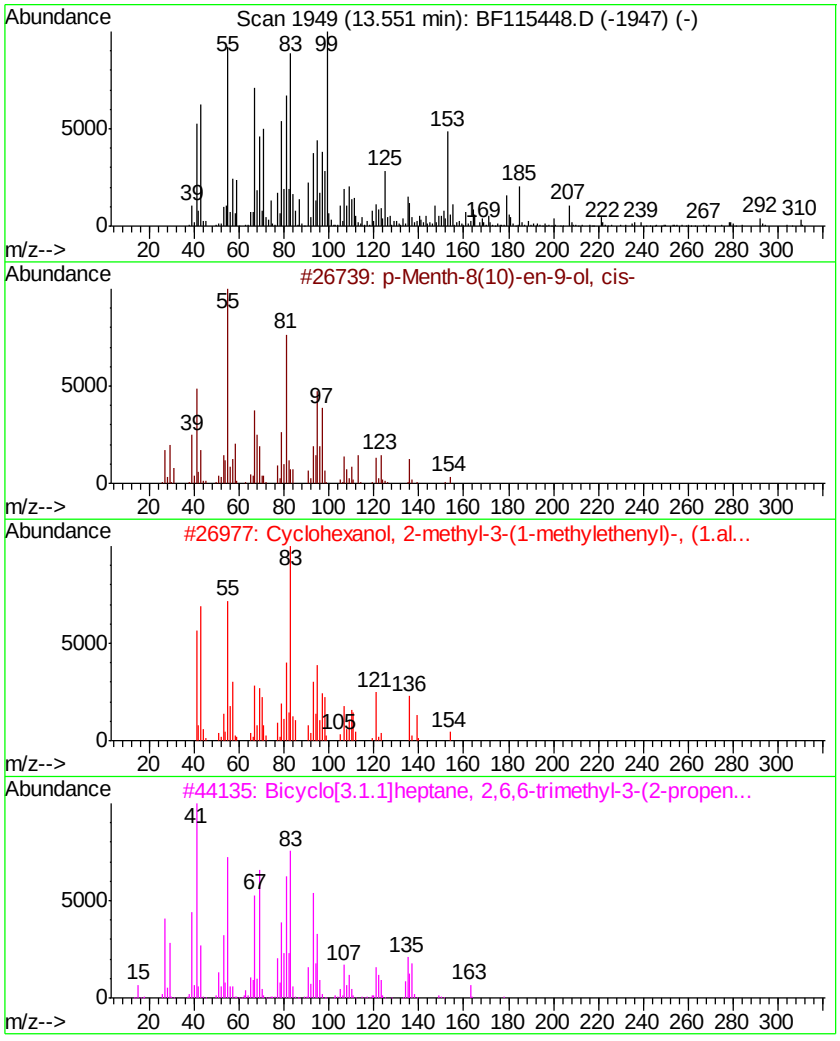
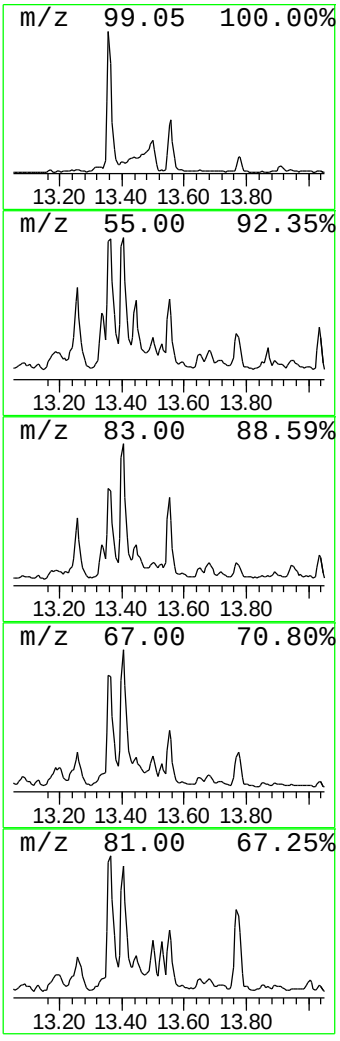
Peak Number 18 unknown13.55 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.55	22.96 ng	1262420	Chrysene-d12	14.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Menth-8(10)-en-9-ol, cis-	154	C10H18O	015714-13-3	44
2	Cyclohexanol, 2-methyl-3-(1-meth...	154	C10H18O	054244-81-4	30
3	Bicyclo[3.1.1]heptane, 2,6,6-tri...	178	C13H22	050746-55-9	30
4	3,7-Decadien-2-one, 10-(3,3-dime...	250	C16H26O2	106929-52-6	25
5	3-Tetradecyn-1-ol	210	C14H26O	055182-74-6	20





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

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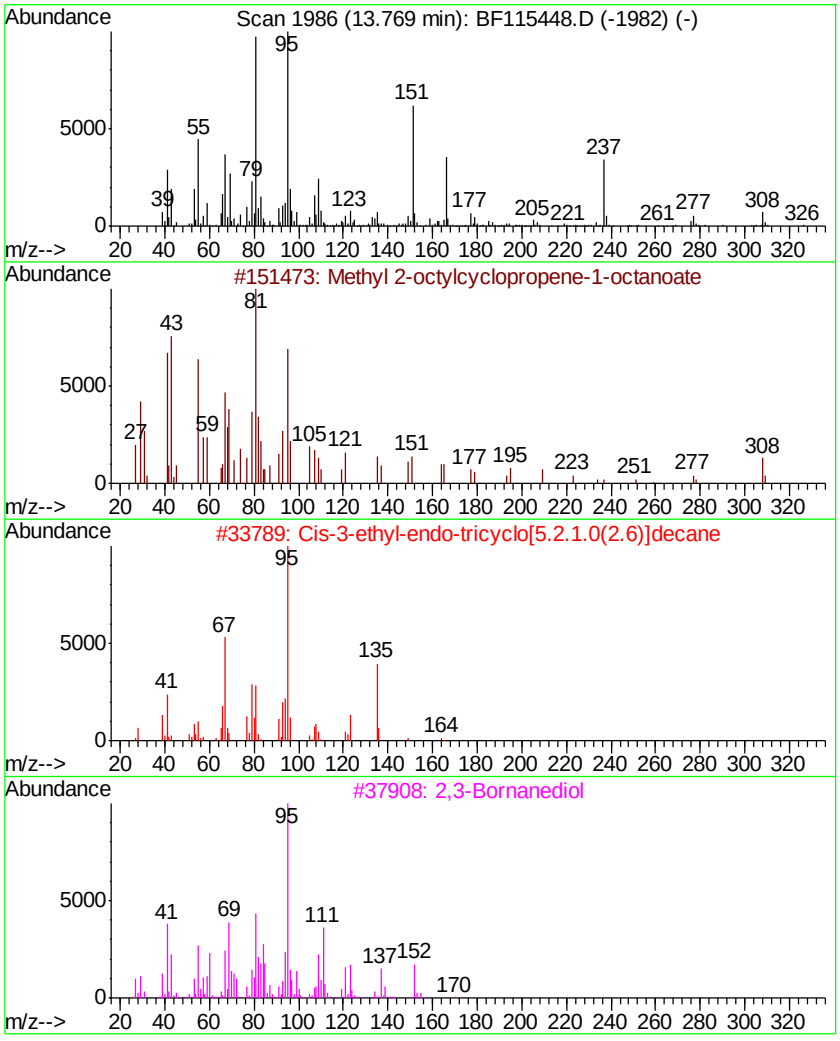
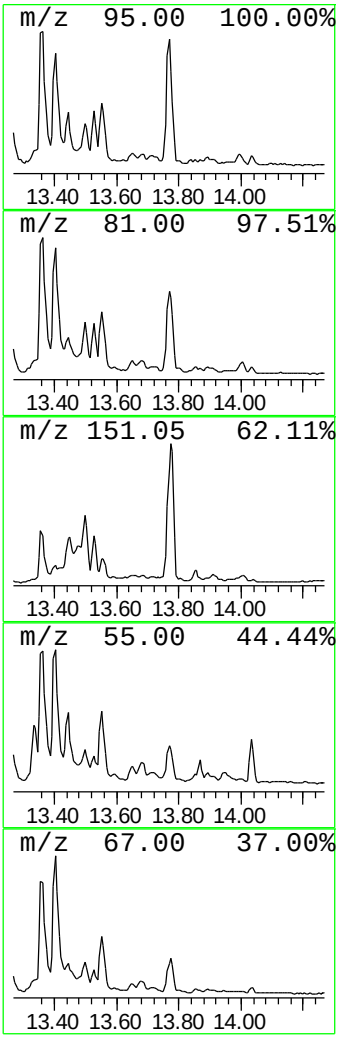
Peak Number 19 unknown13.77 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.77	19.69 ng	1082340	Chrysene-d12	14.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl 2-octylcyclopropene-1-oct...	308	C20H36O2	003220-60-8	30
2	Cis-3-ethyl-endo-tricyclo[5.2.1....	164	C12H20	1000215-29-1	30
3	2,3-Bornanediol	170	C10H18O2	025696-56-4	25
4	Naphthalene, decahydro-1,1-dimet...	166	C12H22	035431-04-0	25
5	cis-3-Methyl-endo-tricyclo[5.2.1....	150	C11H18	1000215-29-0	18





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Instrument : BNA_F
ClientSampleId : TR-05-070819

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF070519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

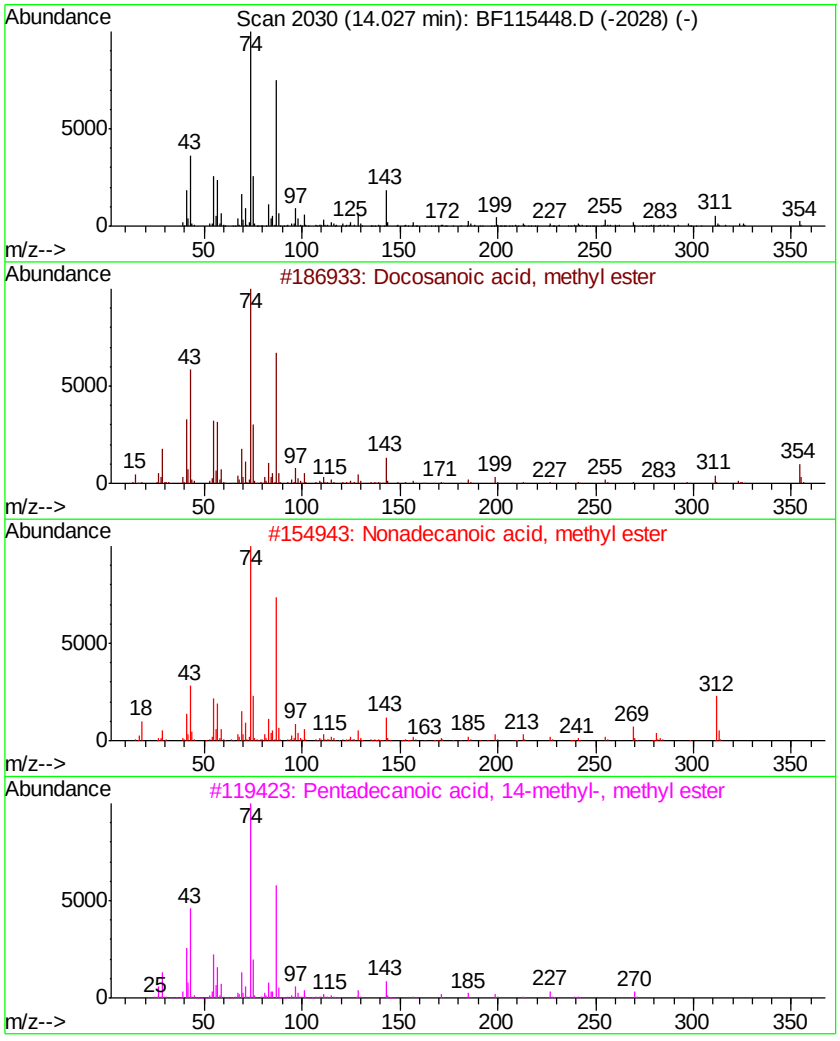
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

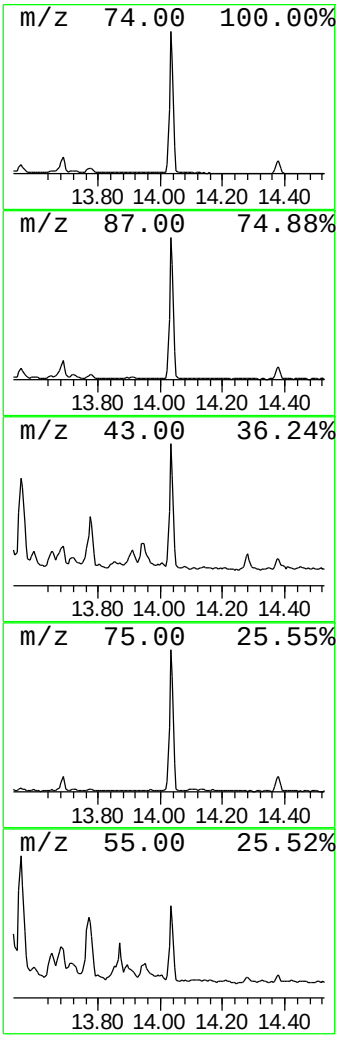
****

Peak Number 20 Docosanoic acid, methyl ester Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.03	14.48 ng	796343	Chrysene-d12	14.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosanoic acid, methyl ester	354	C23H46O2	000929-77-1	99
2	Nonadecanoic acid, methyl ester	312	C20H40O2	001731-94-8	95
3	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	93
4	Methyl tetradecanoate	242	C15H30O2	000124-10-7	87
5	Methyl 20-methyl-heneicosanoate	354	C23H46O2	1000336-47-4	86





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF070919\
Data File : BF115448.D
Acq On : 9 Jul 2019 22:05
Operator : HP/JU
Sample : K3627-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-05-070819

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF070519.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...	2.18	17.7	ng	895079	1	6.89	1011590	20.0
unknown6.66	6.66	30.6	ng	1548120	1	6.89	1011590	20.0
9-Hexadecenoic ac...	11.73	13.9	ng	992713	4	11.41	1425820	20.0
Hexadecanoic acid...	11.83	179.5	ng	12798000	4	11.41	1425820	20.0
n-Hexadecanoic acid	11.96	41.6	ng	2963460	4	11.41	1425820	20.0
11-Octadecenoic a...	12.56	529.2	ng	37727500	4	11.41	1425820	20.0
Methyl stearate	12.62	116.2	ng	8286750	4	11.41	1425820	20.0
9,12-Octadecadien...	12.65	38.0	ng	2712260	4	11.41	1425820	20.0
Octadec-9-enoic acid	12.67	72.3	ng	5150800	4	11.41	1425820	20.0
Octadecanoic acid	12.73	19.7	ng	1405330	4	11.41	1425820	20.0
11-Eicosenoic aci...	13.26	29.9	ng	1646020	5	14.09	1099570	20.0
Eicosanoic acid, ...	13.34	22.7	ng	1248740	5	14.09	1099570	20.0
1,6-Cyclodecadiene	13.36	57.1	ng	3141810	5	14.09	1099570	20.0
unknown13.40	13.40	54.3	ng	2983120	5	14.09	1099570	20.0
unknown13.45	13.45	21.2	ng	1164050	5	14.09	1099570	20.0
unknown13.50	13.50	14.7	ng	809678	5	14.09	1099570	20.0
unknown13.55	13.55	23.0	ng	1262420	5	14.09	1099570	20.0
unknown13.77	13.77	19.7	ng	1082340	5	14.09	1099570	20.0
Docosanoic acid, ...	14.03	14.5	ng	796343	5	14.09	1099570	20.0