LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082019\
Data File : BF116452.D
Acq On : 21 Aug 2019 1:21
Operator : HP/JU
Sample : K4096-04 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-05-081919

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-BF073019.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	5.469	572	575	597	rBV	54808	196364	1.99%	0.481%
2	6.475	743	746	760	rBV	95550	246117	2.49%	0.603%
3	6.598	764	767	777	rVB	207931	310520	3.14%	0.760%
4	6.804	799	802	817	rBV	435613	467006	4.72%	1.143%
5	6.963	826	829	850	rBV	188961	241789	2.44%	0.592%
6	7.392	900	902	927	rBV	65336	187877	1.90%	0.460%
7	8.086	1017	1020	1043	rVB	574122	649564	6.57%	1.590%
8	9.157	1199	1202	1212	rBV	398937	395055	3.99%	0.967%
9	9.833	1314	1317	1323	rBV	892920	788585	7.97%	1.931%
10	10.639	1450	1454	1466	rBV	137275	213004	2.15%	0.521%
11	10.833	1484	1487	1491	rBV	165010	119560	1.21%	0.293%
12	11.322	1567	1570	1582	rBV	892726	913517	9.24%	2.236%
13	11.621	1619	1621	1626	rVB	232308	220328	2.23%	0.539%
14	11.710	1631	1636	1639	rBV	5045974	5195386	52.53%	12.719%
15	11.851	1656	1660	1669	rBV	160417	242937	2.46%	0.595%
16	12.021	1682	1689	1697	rVB2	140238	149895	1.52%	0.367%
17	12.104	1700	1703	1707	rBV	159230	124827	1.26%	0.306%
18	12.398	1747	1753	1755	rBV	5416614	9889483	100.00%	24.210%
19	12.427	1755	1758	1762	rVV2	5775987	8903648	90.03%	21.797%
20	12.463	1762	1764	1766	rVV	170967	149564	1.51%	0.366%
21	12.498	1766	1770	1773	rVV	3730830	3426012	34.64%	8.387%
22	12.551	1773	1779	1790	rVV	536545	1004281	10.16%	2.459%
23	12.627	1790	1792	1803	rVV	112495	232698	2.35%	0.570%
24	12.780	1813	1818	1826	rVB2	103499	175632	1.78%	0.430%
25	12.898	1835	1838	1842	rBV	582455	513183	5.19%	1.256%
26	13.086	1862	1870	1873	rBV6	101511	231633	2.34%	0.567%
27	13.133	1873	1878	1881	rVV	301248	340672	3.44%	0.834%
28	13.210	1888	1891	1894	rBV	351391	328432	3.32%	0.804%
29	13.251	1894	1898	1903	rBV	546531	899526	9.10%	2.202%
30	13.292	1903	1905	1909	rBV2	293544	421623	4.26%	1.032%
31	13.374	1917	1919	1922	rVB	233766	216367	2.19%	0.530%
32	13.404	1922	1924	1927	rVB	169532	143627	1.45%	0.352%
33	13.439	1927	1930	1941	rVB3	245380	454006	4.59%	1.111%
34	13.645	1960	1965	1973	rVB2	452790	635933	6.43%	1.557%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082019\
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Acq On : 21 Aug 2019 1:21
Operator : HP/JU
Sample : K4096-04 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-05-081919

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-BF073019.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	13.857	1996	2001	2002	rBV2	98618	131707	1.33%	0.322%
36	13.874	2002	2004	2008	rVB	341081	316295	3.20%	0.774%
37	13.968	2016	2020	2032	rVB	785549	882401	8.92%	2.160%
38	14.492	2106	2109	2113	rBV	111597	106257	1.07%	0.260%
39	15.027	2196	2200	2209	rVB	72972	105100	1.06%	0.257%
40	15.421	2264	2267	2278	rVB	462039	677720	6.85%	1.659%

Sum of corrected areas: 40848131

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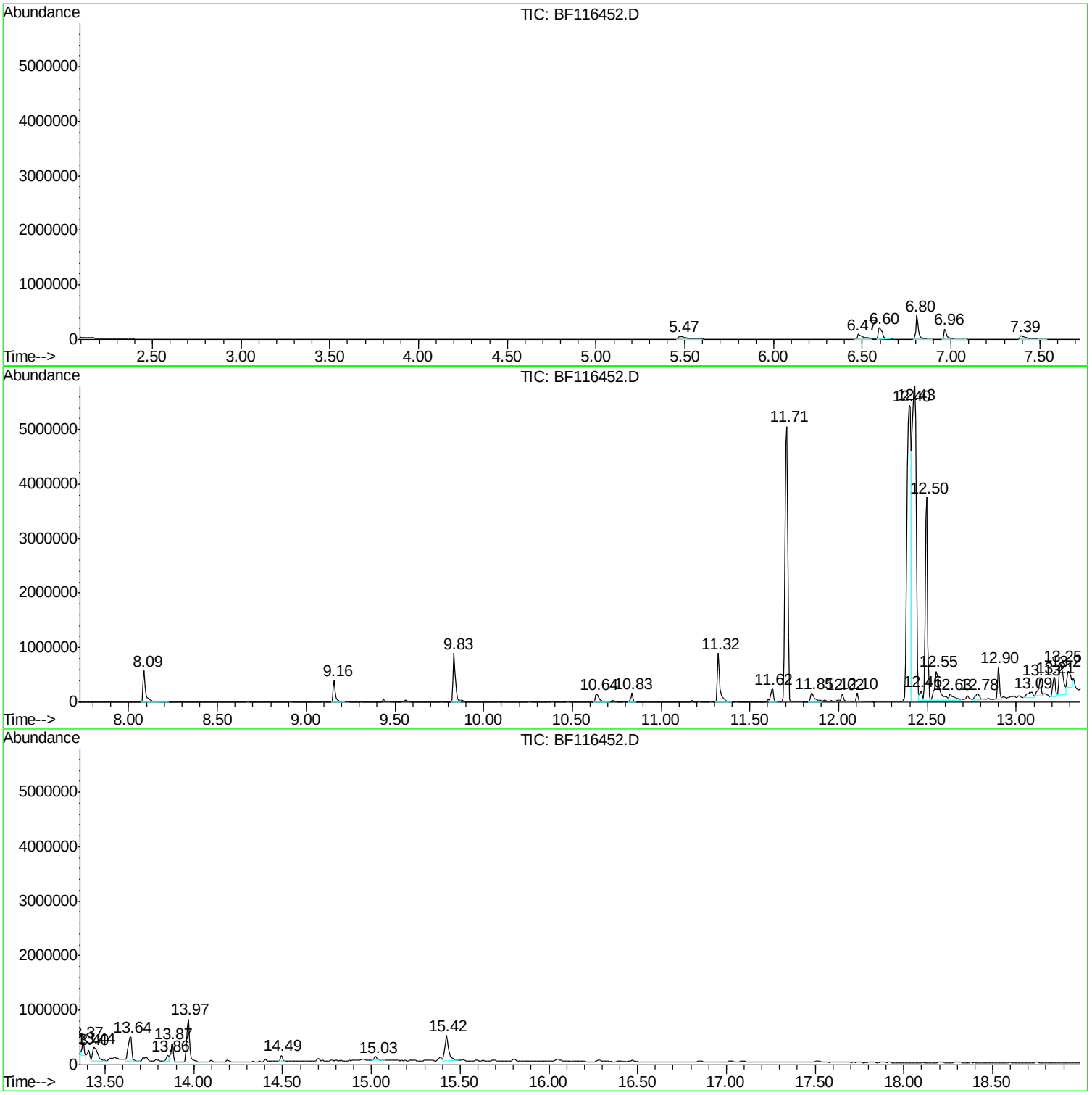
BNA_F
ClientSampleId :
TR-05-081919

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.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

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.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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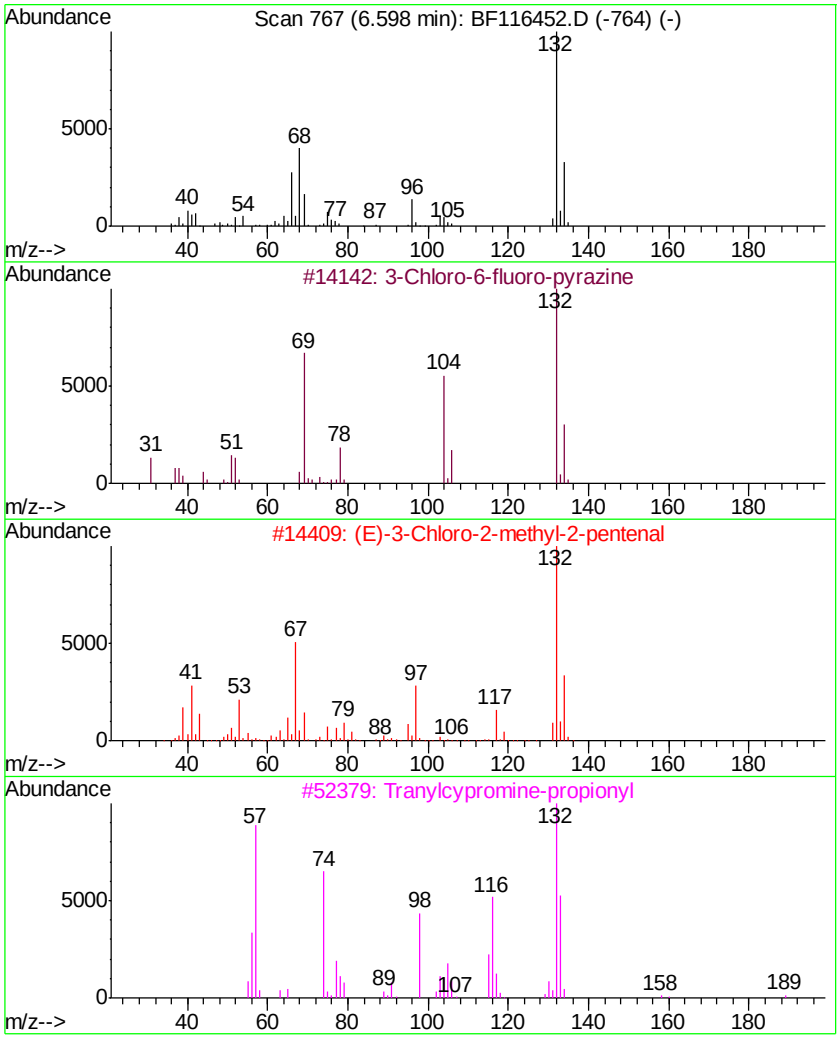
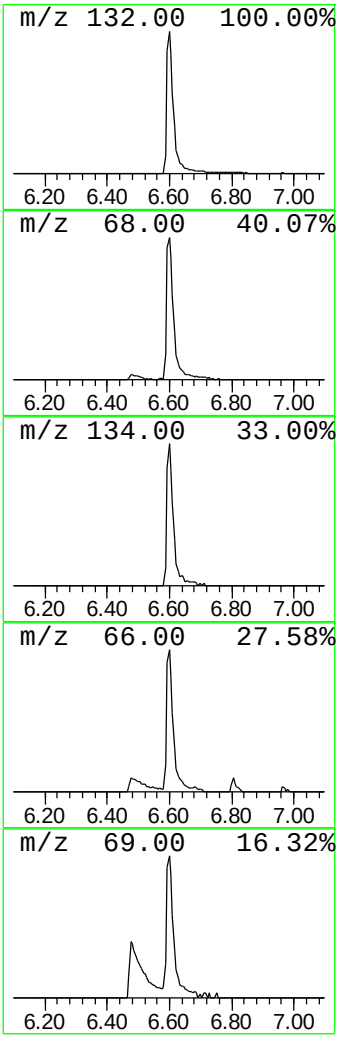
Peak Number 1 unknown6.60 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.60	13.30 ng	310520	1,4-Dichlorobenzene-d4	6.80

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	16
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	Xenon	132	Xe	007440-63-3	9
5	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9





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Instrument : BNA_F
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TIC Integration Parameters: LSCINT.P

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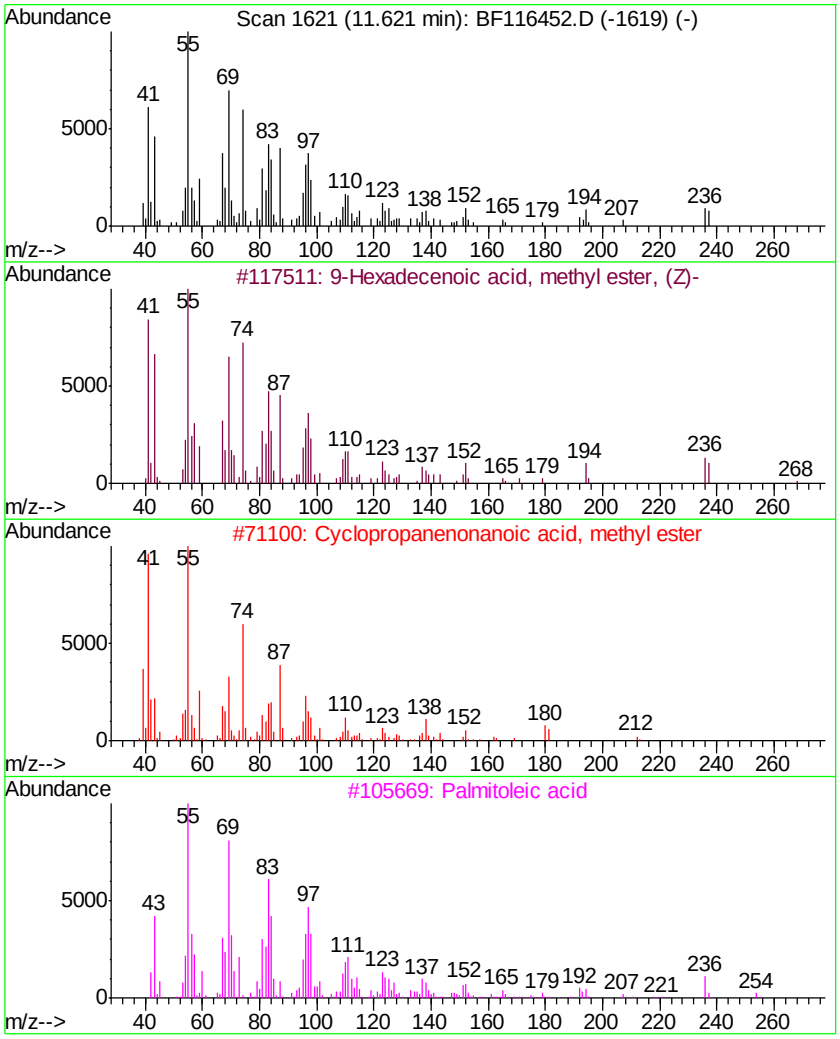
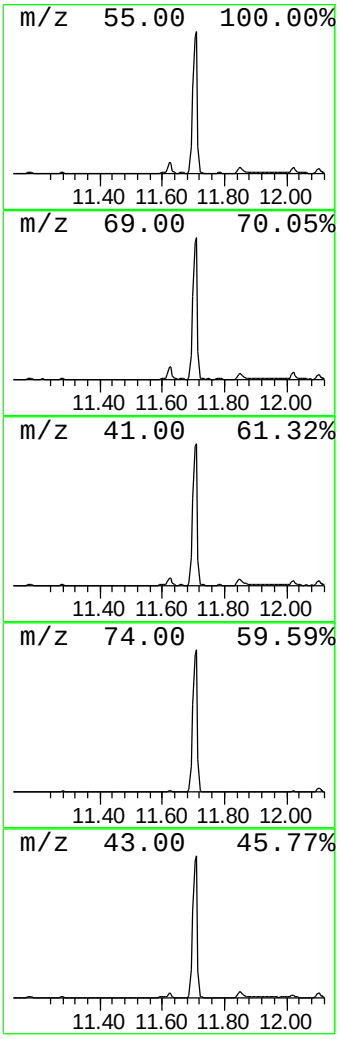
Peak Number 3 9-Hexadecenoic acid, methyl... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.62	4.82 ng	220328	Phenanthrene-d10	11.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Hexadecenoic acid, methyl este...	268	C17H32O2	001120-25-8	91
2	Cyclopropanenonanoic acid, methy...	212	C13H24O2	010152-60-0	50
3	Palmitoleic acid	254	C16H30O2	000373-49-9	49
4	7-Hexadecenoic acid, methyl este...	268	C17H32O2	056875-67-3	47
5	Hexadecenoic acid, Z-11-	254	C16H30O2	002416-20-8	46





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082019\
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Misc :
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Instrument : BNA_F
ClientSampleId : TR-05-081919

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.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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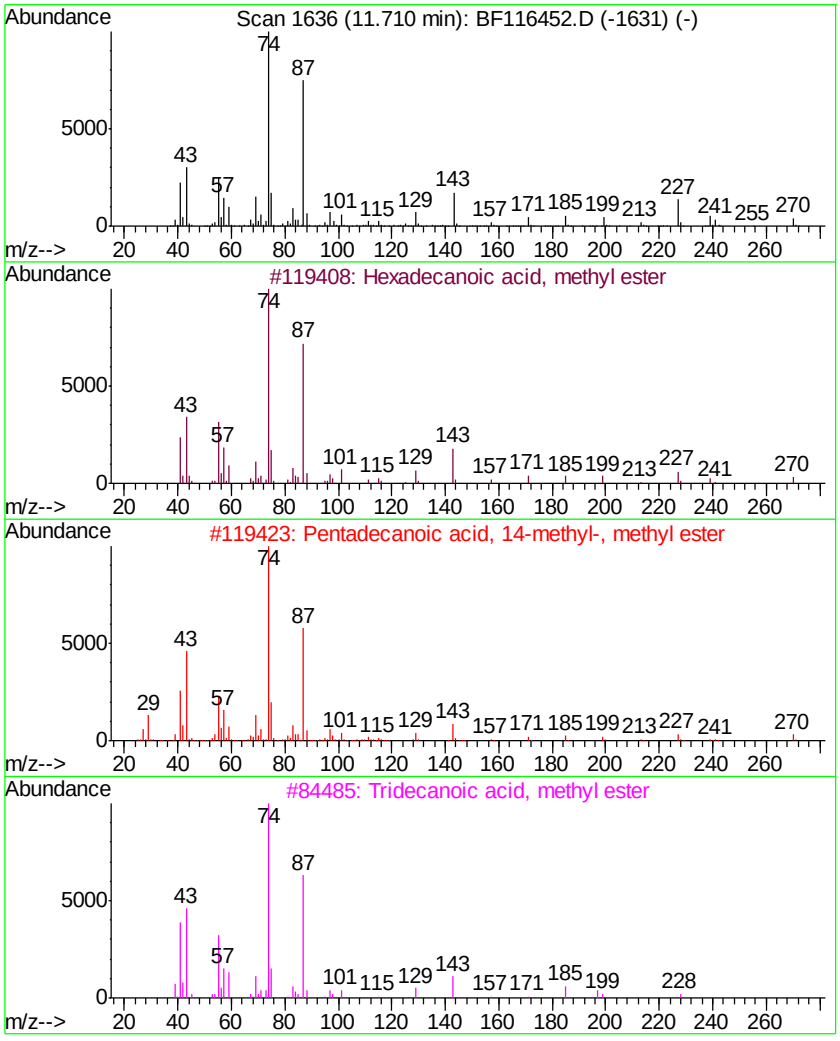
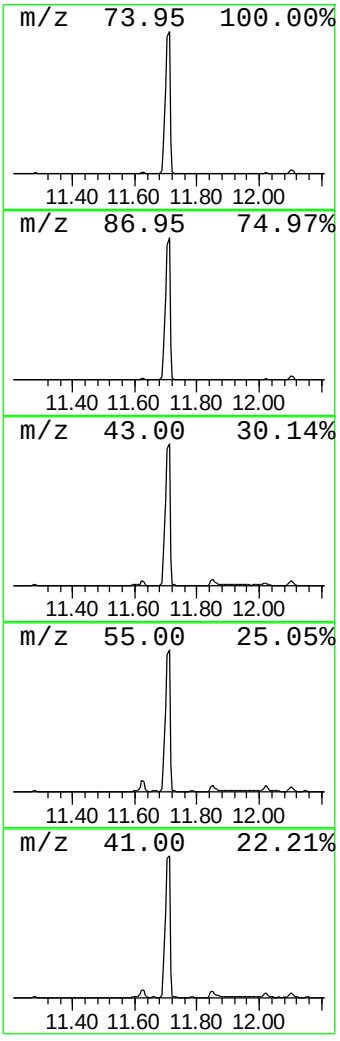
Peak Number 4 Hexadecanoic acid, methyl e... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.71	113.75 ng	5195390	Phenanthrene-d10	11.32

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	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	90
4	Decanoic acid, methyl ester	186	C11H22O2	000110-42-9	81
5	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	80





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082019\
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Instrument : BNA_F
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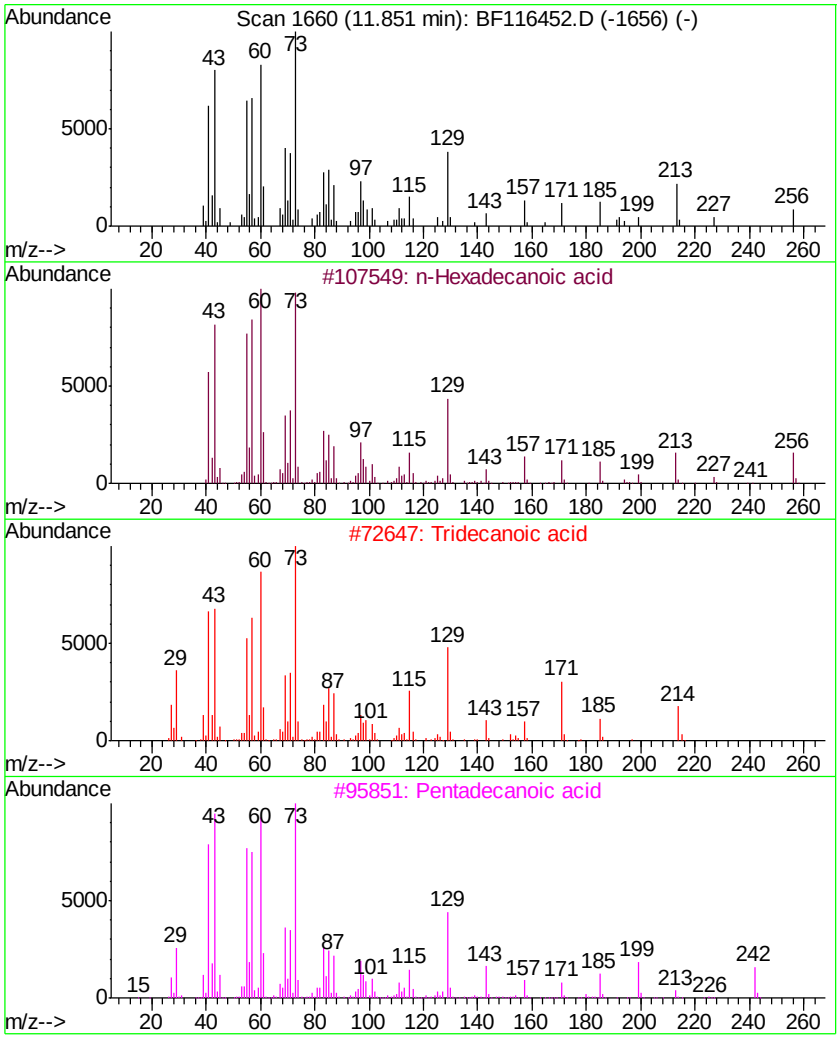
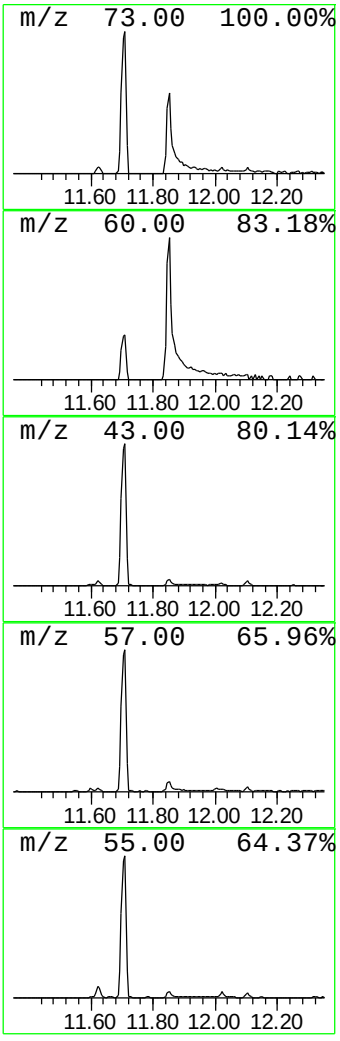
Peak Number 5 n-Hexadecanoic acid Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.85	5.32 ng	242937	Phenanthrene-d10	11.32

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	87
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
5	Decanoic acid, silver(1+) salt	278	C10H19AgO2	013126-67-5	59





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082019\
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Acq On : 21 Aug 2019 1:21
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Sample : K4096-04 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-05-081919

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

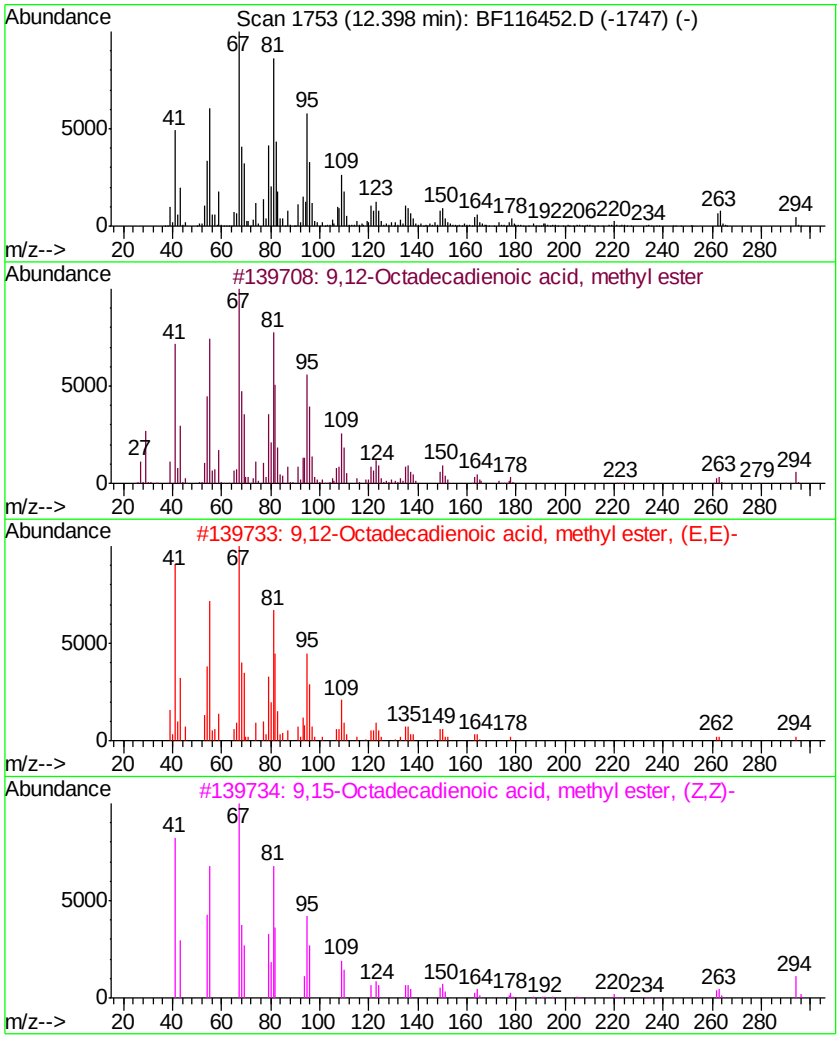
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

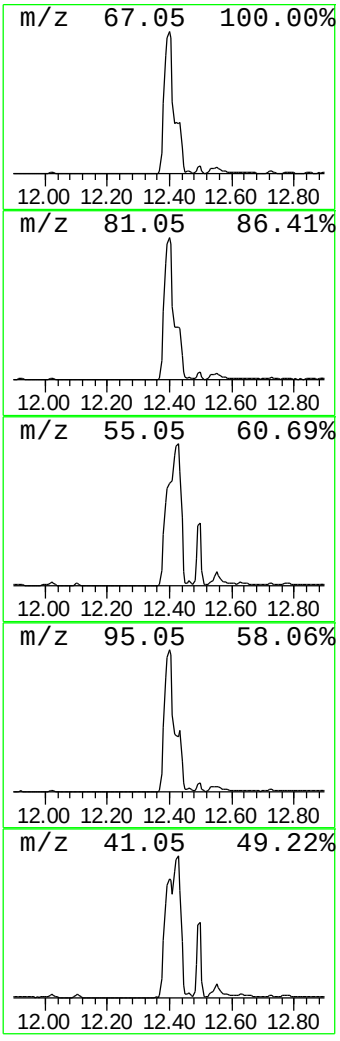
****

Peak Number 6 9,12-Octadecadienoic acid, ... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.40	216.51 ng	9889480	Phenanthrene-d10	11.32

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





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Instrument : BNA_F
ClientSampleId : TR-05-081919

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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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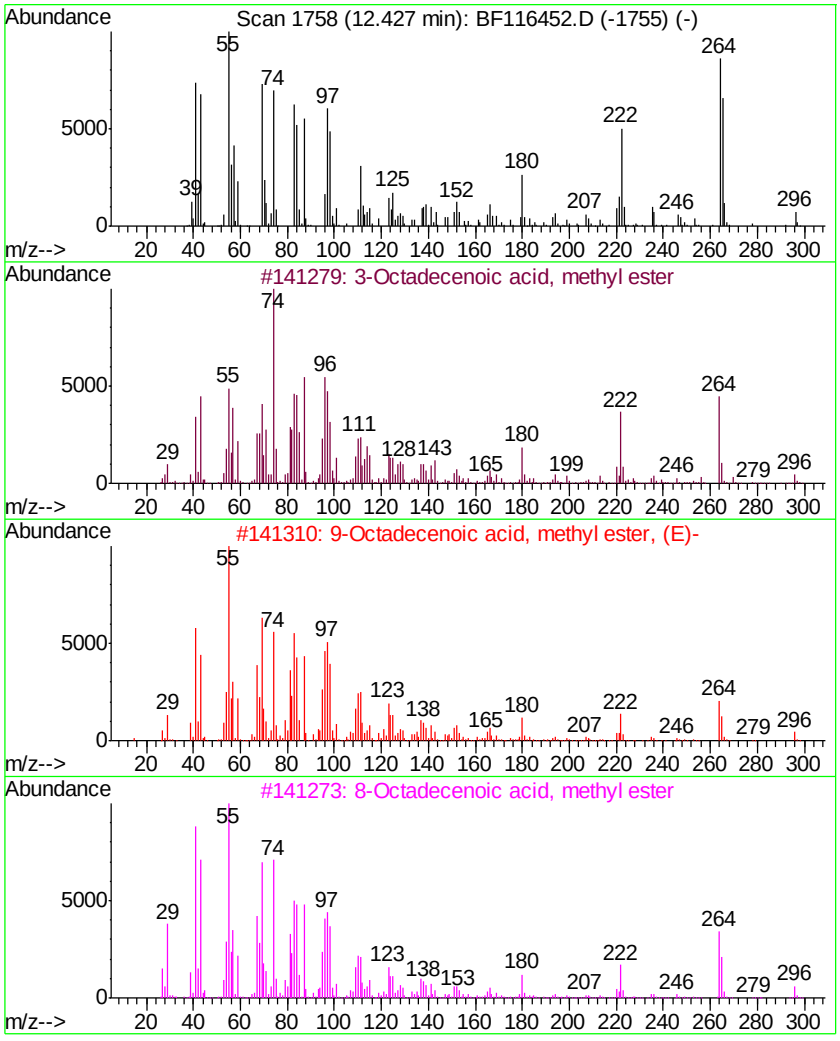
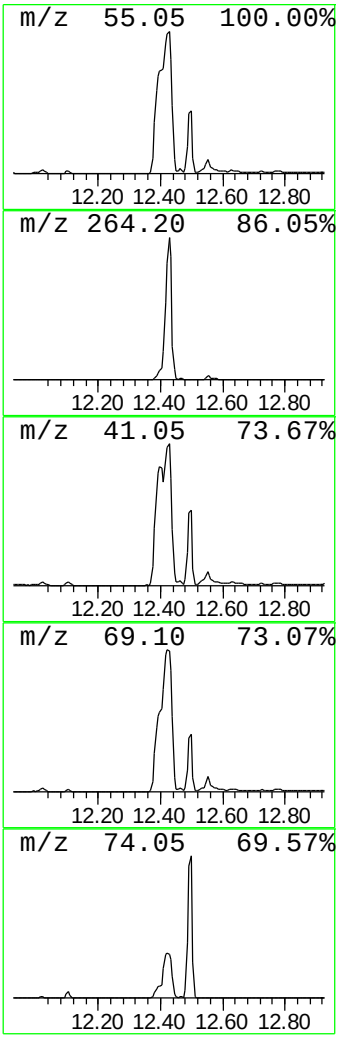
Peak Number 7 3-Octadecenoic acid, methyl... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.43	194.93 ng	8903650	Phenanthrene-d10	11.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Octadecenoic acid, methyl ester	296	C19H36O2	056599-33-8	91
2	9-Octadecenoic acid, methyl este...	296	C19H36O2	001937-62-8	87
3	8-Octadecenoic acid, methyl ester	296	C19H36O2	002345-29-1	83
4	cis-13-Octadecenoic acid, methyl...	296	C19H36O2	1000333-58-3	78
5	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	78





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Misc :
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Instrument : BNA_F
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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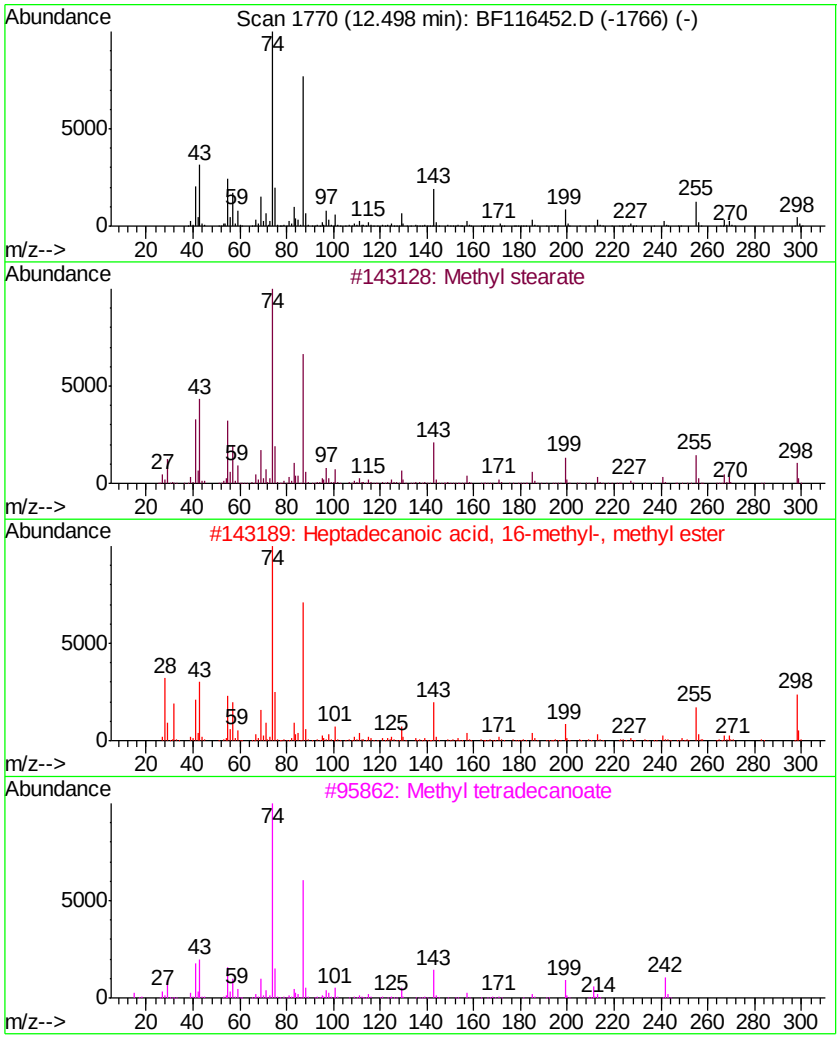
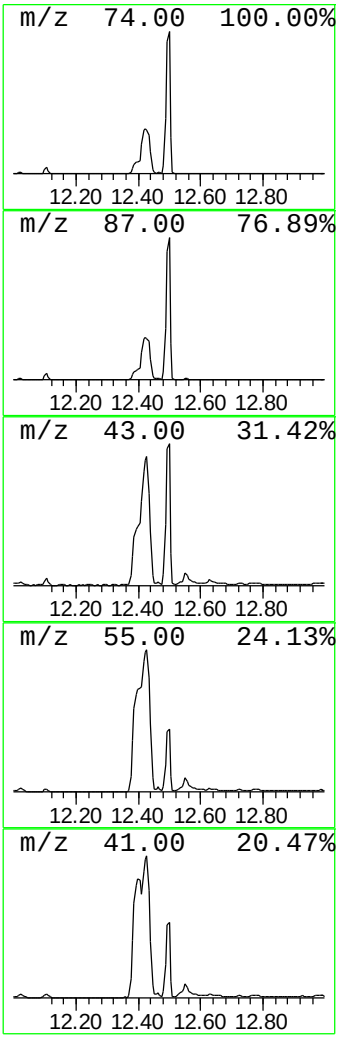
Peak Number 8 Methyl stearate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.50	75.01 ng	3426010	Phenanthrene-d10	11.32

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	Methyl tetradecanoate	242	C15H30O2	000124-10-7	87
4	Heptadecanoic acid, 15-methyl-, ...	298	C19H38O2	054833-55-5	87
5	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	87





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Sample : K4096-04 5X
Misc :
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Instrument : BNA_F
ClientSampleId : TR-05-081919

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.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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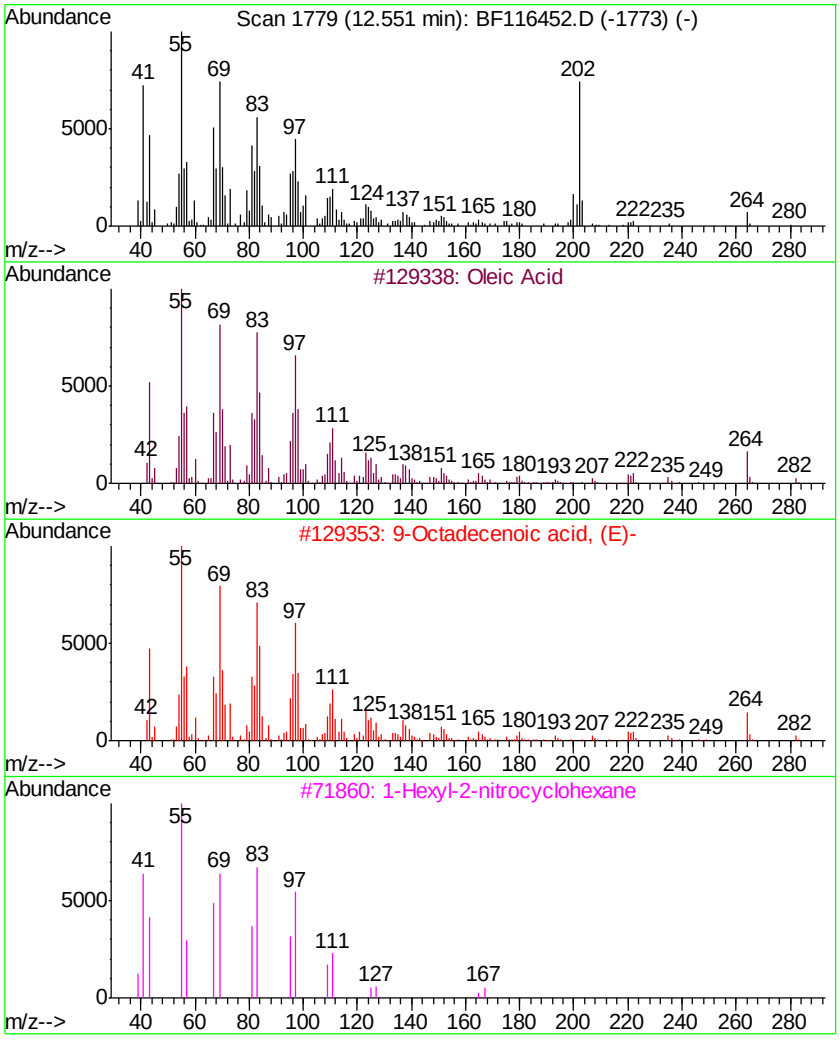
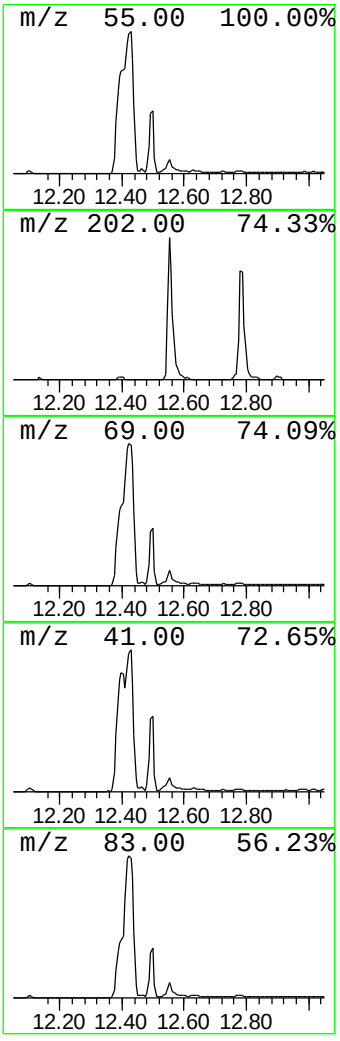
Peak Number 9 Oleic Acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.55	21.99 ng	1004280	Phenanthrene-d10	11.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oleic Acid	282	C18H34O2	000112-80-1	76
2	9-Octadecenoic acid, (E)-	282	C18H34O2	000112-79-8	70
3	1-Hexyl-2-nitrocyclohexane	213	C12H23NO2	118252-04-3	55
4	cis-9-Hexadecenoic acid	254	C16H30O2	1000333-19-5	50
5	cis-Vaccenic acid	282	C18H34O2	000506-17-2	50





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ClientSampleId : TR-05-081919

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

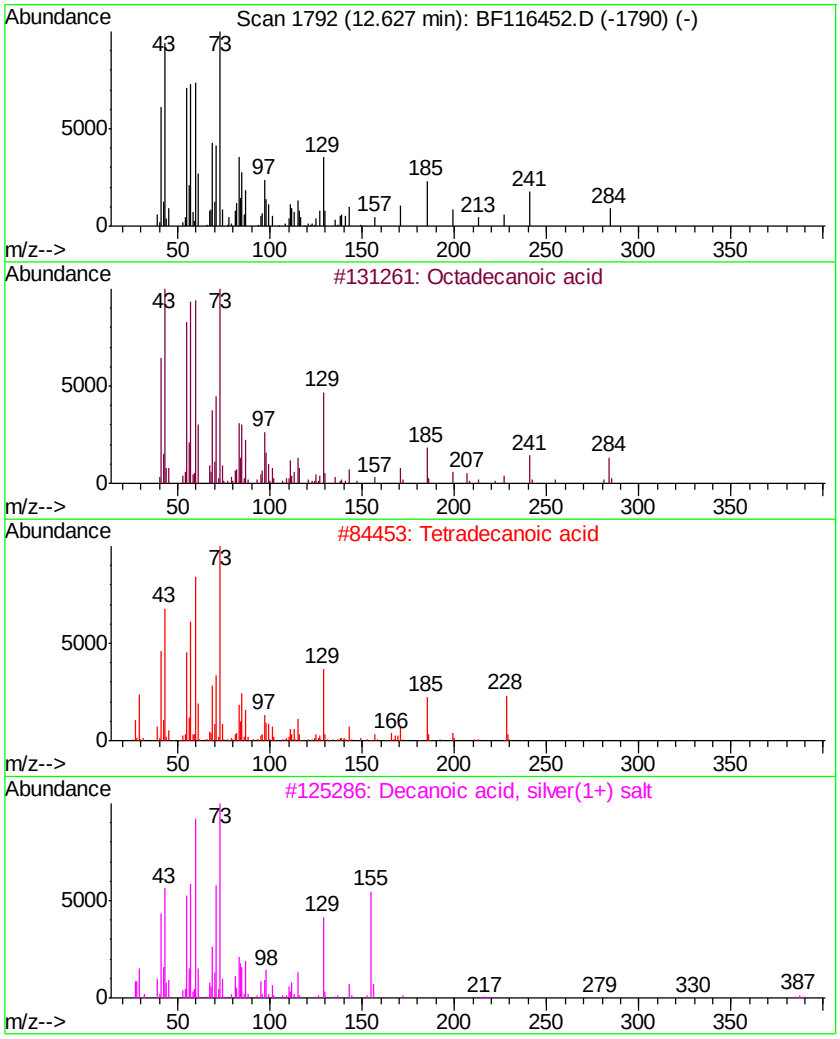
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

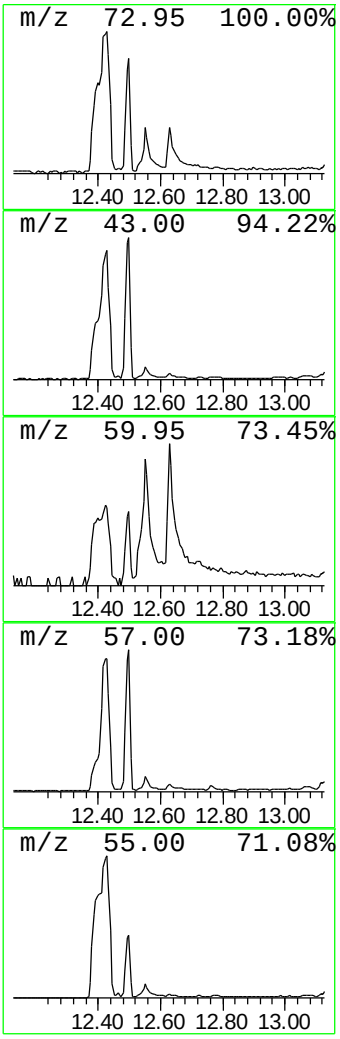
****

Peak Number 10 Tetradecanoic acid Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.63	5.09 ng	232698	Phenanthrene-d10	11.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	80
3	Decanoic acid, silver(1+) salt	278	C10H19AgO2	013126-67-5	52
4	Sulfurous acid, octadecyl 2-prop...	376	C21H44O3S	1000309-12-7	25
5	Glucitol, 6-O-nonyl-	308	C15H32O6	132696-05-0	22





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Sample : K4096-04 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-05-081919

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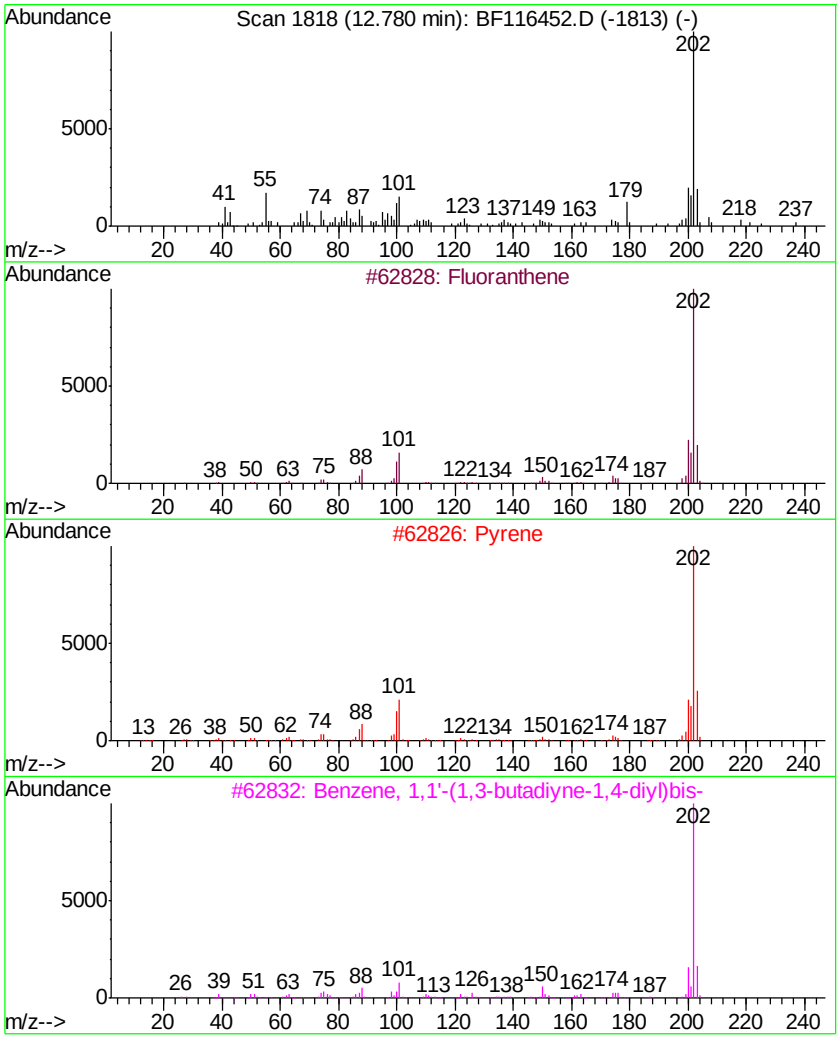
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

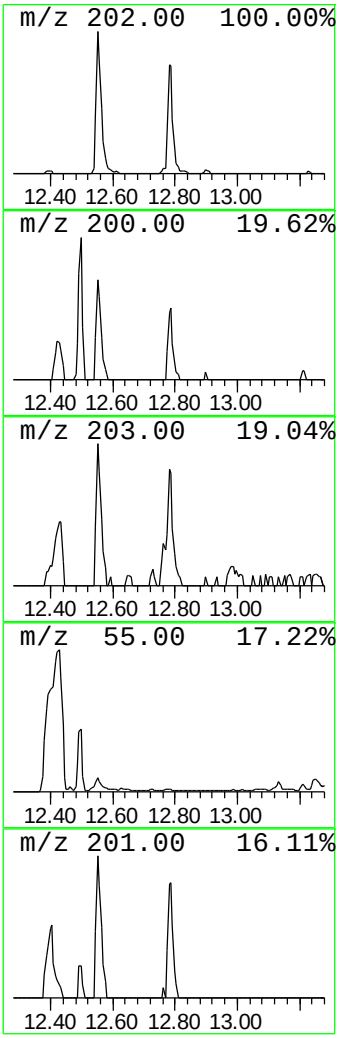
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Benzene, 1,1'-(1,3-butadiyn... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.78	3.98 ng	175632	Chrysene-d12	13.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene	202	C16H10	000206-44-0	96
2	Pyrene	202	C16H10	000129-00-0	94
3	Benzene, 1,1'-(1,3-butadiyne-1,4...	202	C16H10	000886-66-8	64
4	Furan-2-one, 2,5-dihydro-5-(4-me...	202	C12H10O3	024962-84-3	37
5	7H-Furo[3,2-g][1]benzopyran-7-on...	202	C11H6O4	002009-24-7	37





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ClientSampleId : TR-05-081919

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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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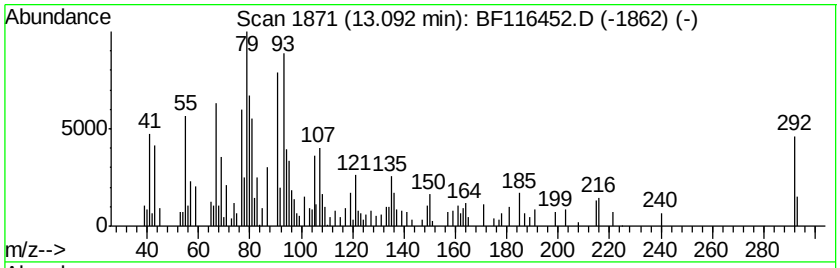
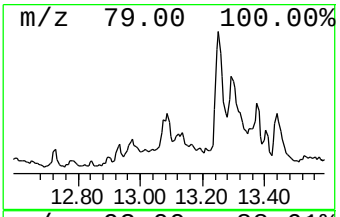
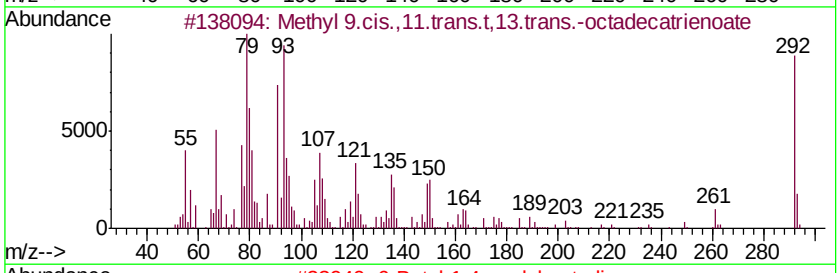
Peak Number 12 Methyl 9.cis.,11.trans.t,13... Concentration Rank 16

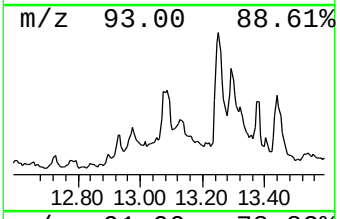
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.09	5.25 ng	231633	Chrysene-d12	13.97

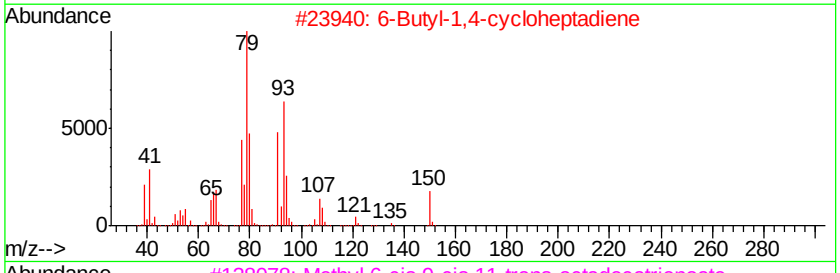
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl 9.cis.,11.trans.t,13.tran...	292	C19H32O2	1000336-42-6	93
2	6-Butyl-1,4-cycloheptadiene	150	C11H18	022735-58-6	89
3	Methyl 6-cis,9-cis,11-trans-octa...	292	C19H32O2	1000336-37-7	81
4	Bicyclo[2.2.1]heptane, 7,7-dimet...	136	C10H16	000471-84-1	64
5	Cyclooctene, 3-(1-methylethenyl)-	150	C11H18	061233-78-1	58

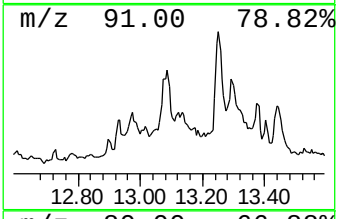


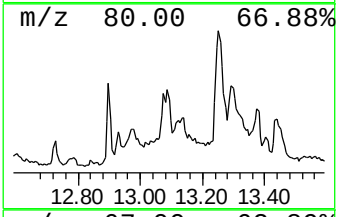


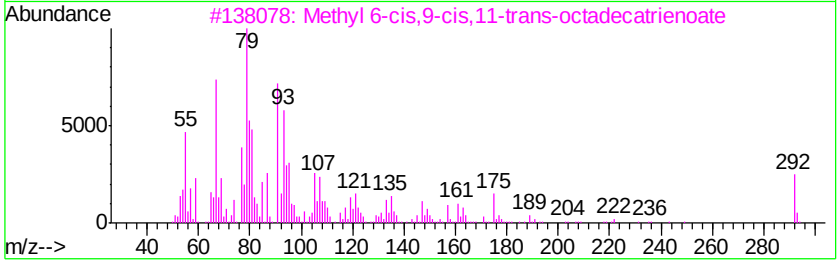


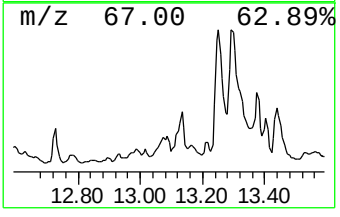












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Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-05-081919

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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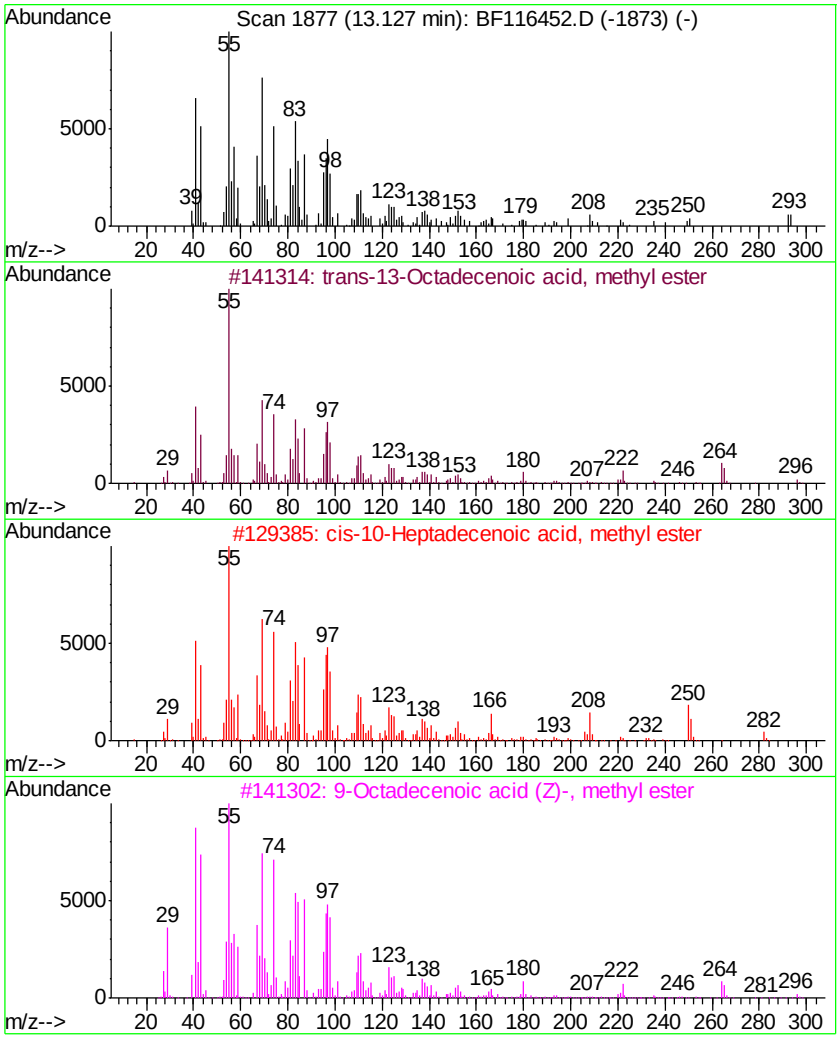
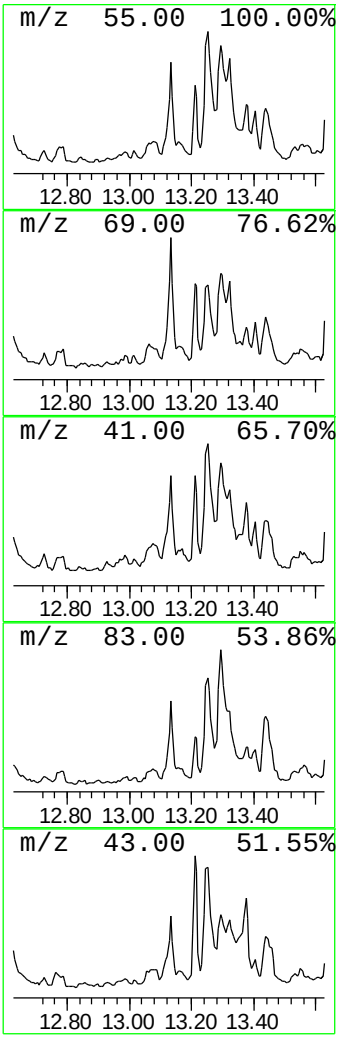
Peak Number 13 trans-13-Octadecenoic acid,... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.13	7.72 ng	340672	Chrysene-d12	13.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans-13-Octadecenoic acid, meth...	296	C19H36O2	1000333-61-3	91
2	cis-10-Heptadecenoic acid, methy...	282	C18H34O2	1000333-62-1	91
3	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	91
4	Methyl 13-eicosenoate	324	C21H40O2	1000336-48-4	91
5	10-Octadecenoic acid, methyl ester	296	C19H36O2	013481-95-3	87





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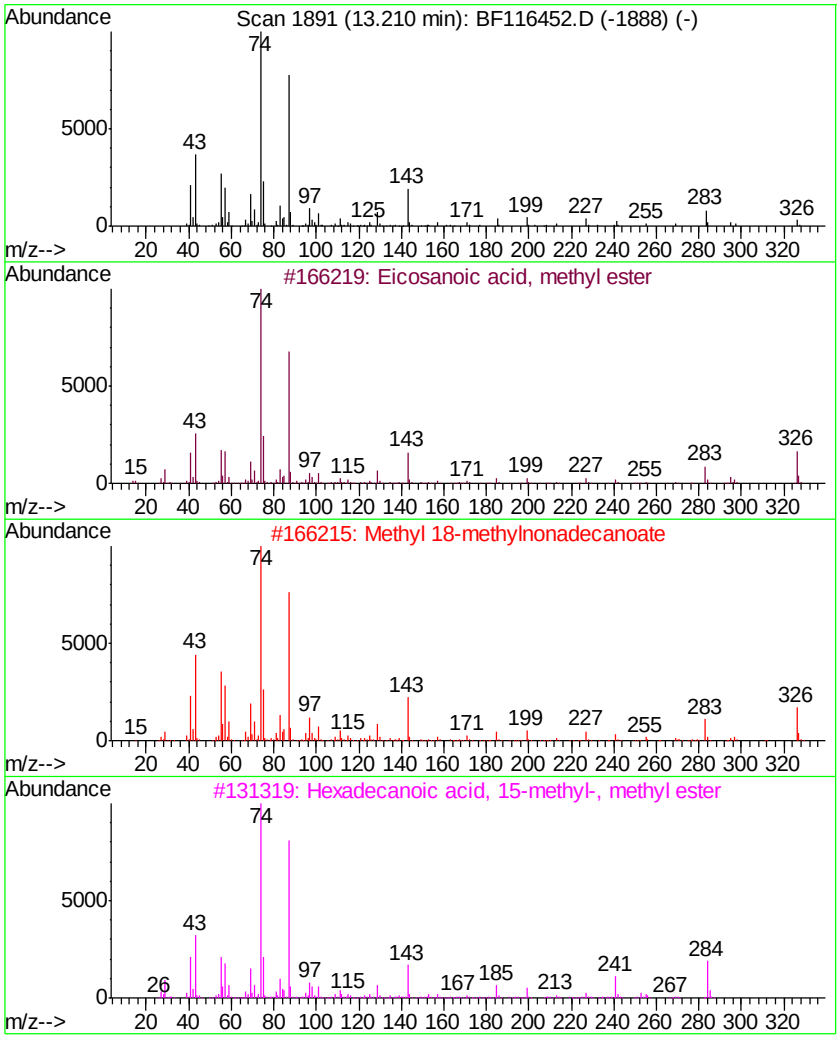
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

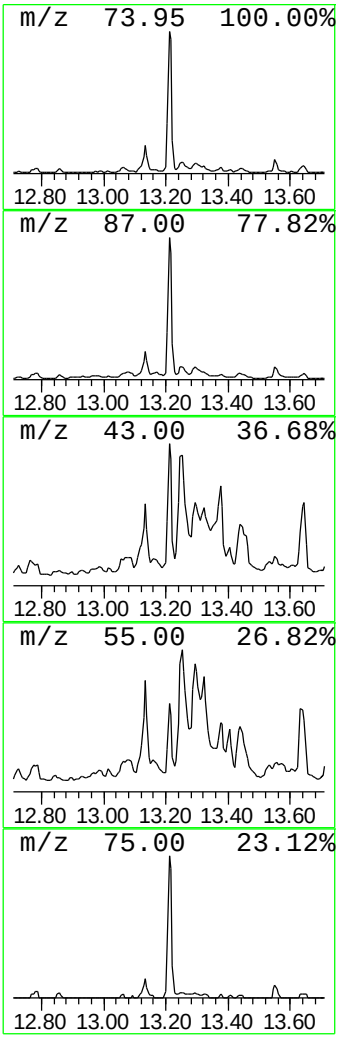
****

Peak Number 14 Eicosanoic acid, methyl ester Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.21	7.44 ng	328432	Chrysene-d12	13.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosanoic acid, methyl ester	326	C21H42O2	001120-28-1	98
2	Methyl 18-methylnonadecanoate	326	C21H42O2	1000352-20-6	95
3	Hexadecanoic acid, 15-methyl-, m...	284	C18H36O2	006929-04-0	93
4	Methyl stearate	298	C19H38O2	000112-61-8	90
5	Nonadecanoic acid, methyl ester	312	C20H40O2	001731-94-8	90





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ClientSampleId : TR-05-081919

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TIC Integration Parameters: LSCINT.P

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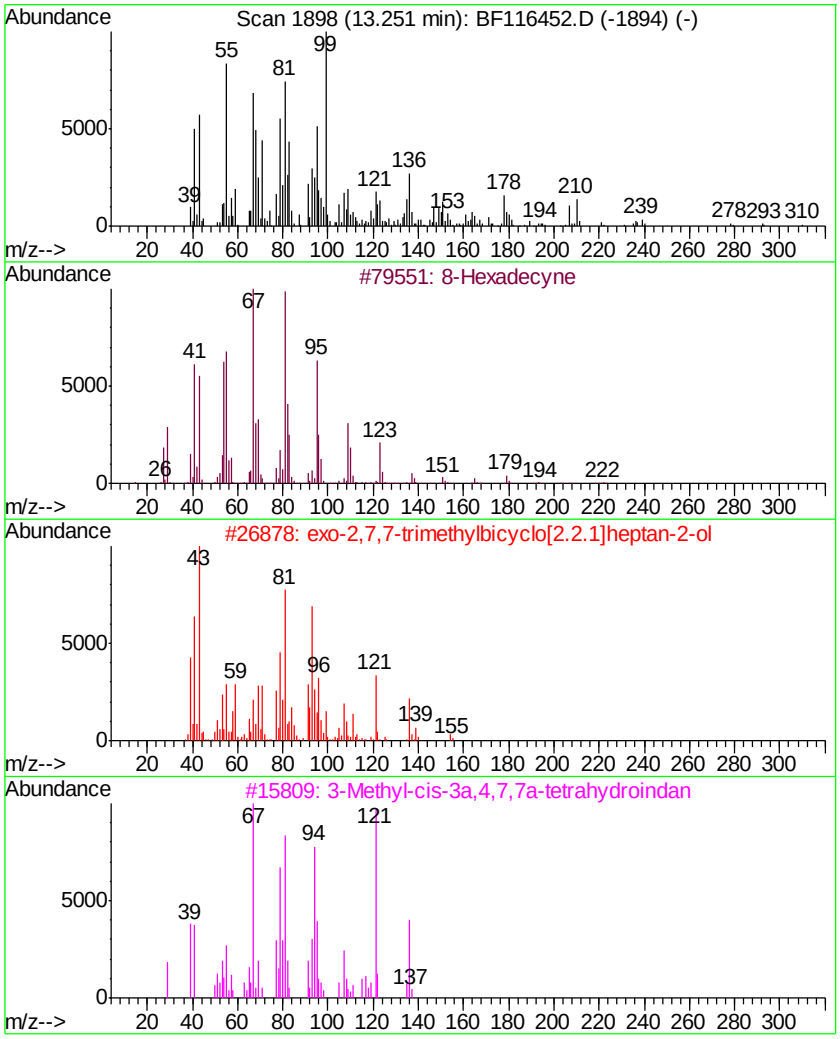
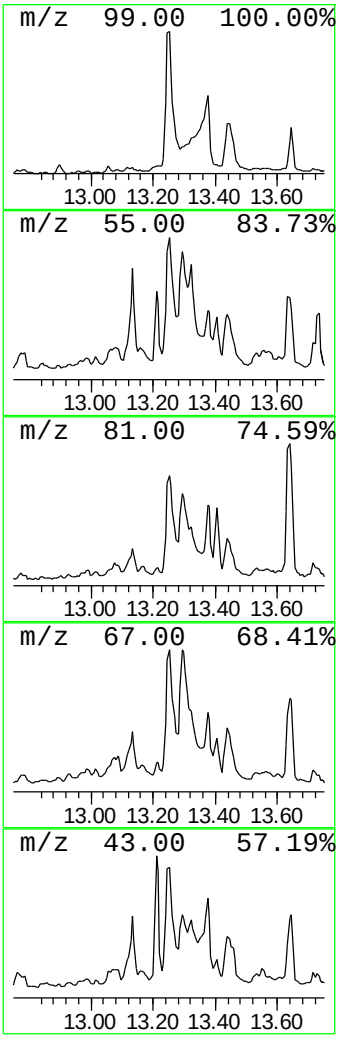
Peak Number 15 8-Hexadecyne Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.25	20.39 ng	899526	Chrysene-d12	13.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	8-Hexadecyne	222	C16H30	019781-86-3	55
2	exo-2,7,7-trimethylbicyclo[2.2.1...	154	C10H18O	1000374-19-3	50
3	3-Methyl-cis-3a,4,7,7a-tetrahydr...	136	C10H16	1000144-04-4	46
4	1,6-Cyclodecadiene	136	C10H16	007049-13-0	45
5	8,10-Dodecadien-1-ol, acetate, (...	224	C14H24O2	053880-51-6	43





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Instrument : BNA_F
ClientSampleId : TR-05-081919

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

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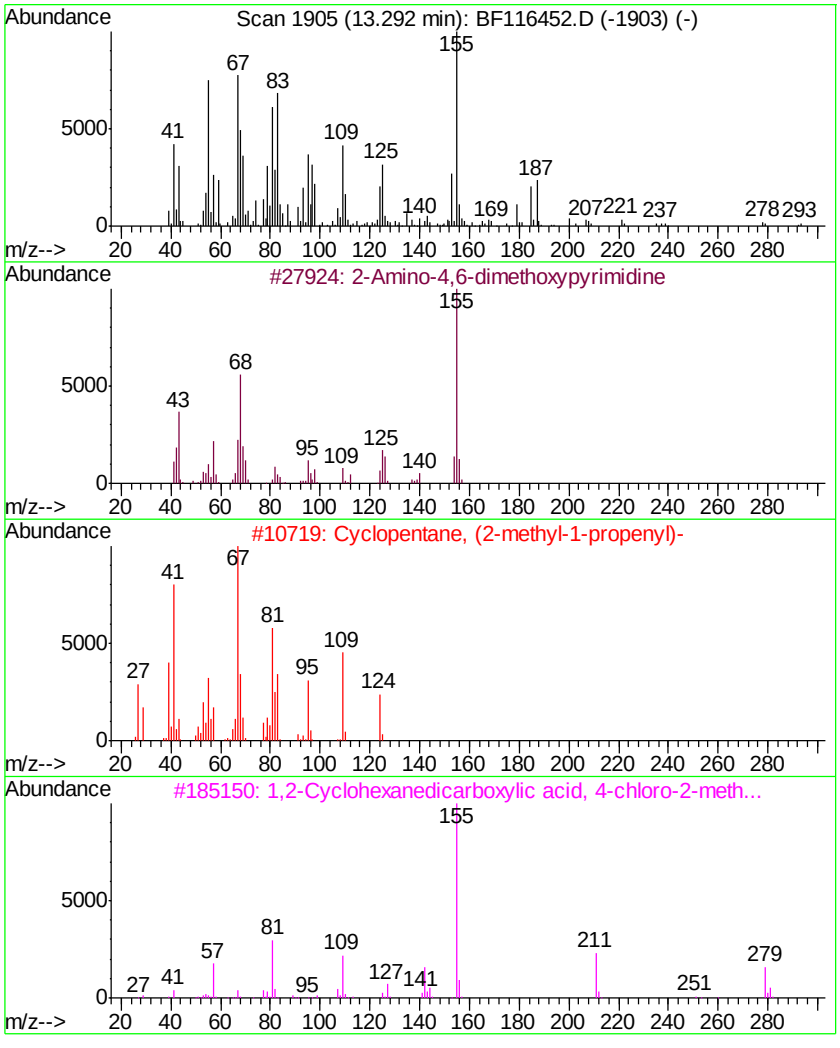
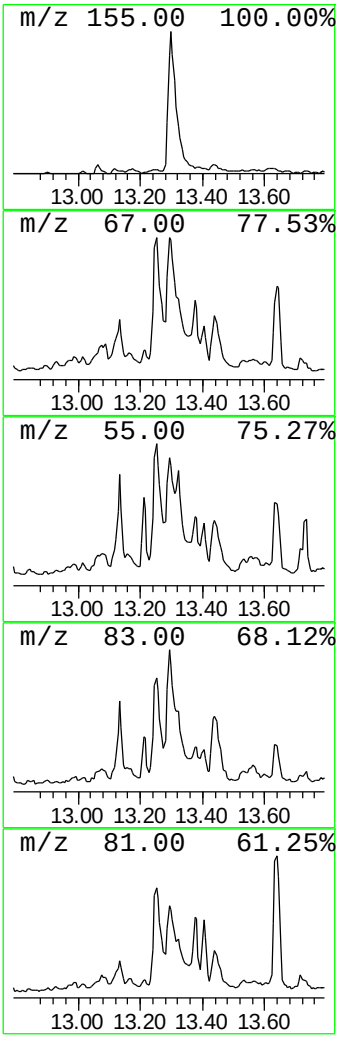
Peak Number 16 unknown13.29 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.29	9.56 ng	421623	Chrysene-d12	13.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Amino-4,6-dimethoxypyrimidine	155	C6H9N3O2	036315-01-2	35
2	Cyclopentane, (2-methyl-1-propen...	124	C9H16	053366-57-7	27
3	1,2-Cyclohexanedicarboxylic acid...	352	C19H25ClO4	1000339-79-1	27
4	3-Oxatricyclo[4.1.1.0(2,4)]octan...	152	C10H16O	001686-14-2	22
5	2-Ethylidenecyclohexanone	124	C8H12O	001122-24-3	22





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ClientSampleId : TR-05-081919

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TIC Library : C:\DATABASE\NIST11.L
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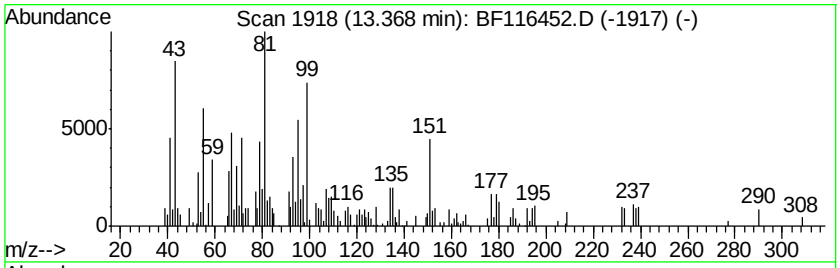
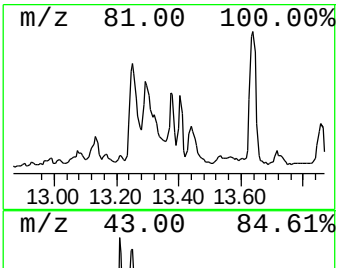
Peak Number 17 unknown13.37 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.37	4.90 ng	216367	Chrysene-d12	13.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,6-dimethyl-4-nitroso-	151	C8H9NO2	013331-93-6	38
2	Cis-3-ethyl-endo-tricyclo[5.2.1....	164	C12H20	1000215-29-1	35
3	Dicyclopentadiene diepoxide	164	C10H12O2	000081-21-0	27
4	1-Cyclopenteneacetic acid, 5-oxo-	140	C7H8O3	022060-62-4	22
5	Tricyclo[4.2.1.1(2,5)]decan-9-ol...	152	C10H16O	066953-30-8	18





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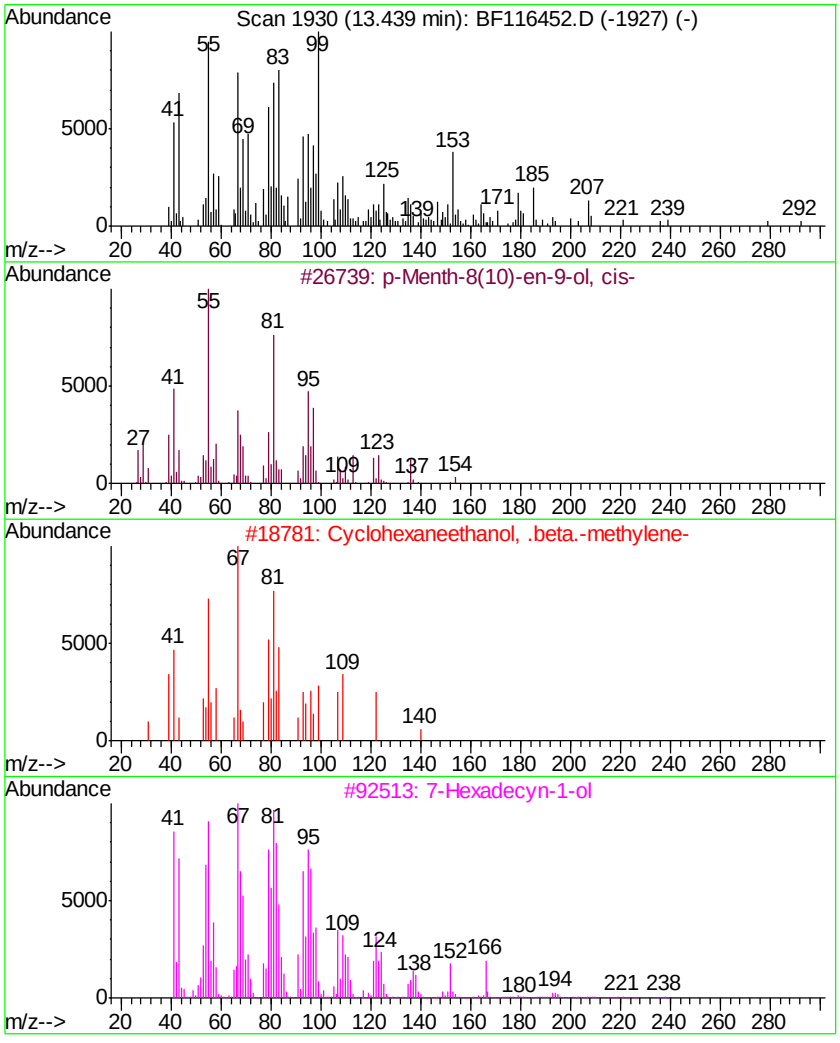
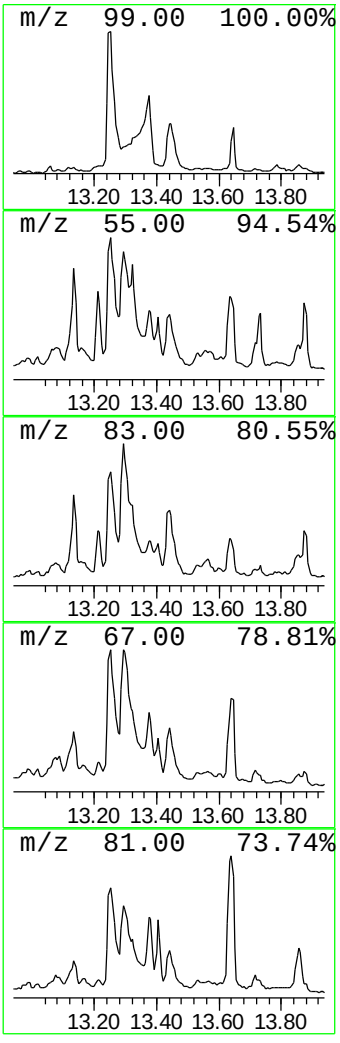
Peak Number 18 unknown13.44 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.44	10.29 ng	454006	Chrysene-d12	13.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Menth-8(10)-en-9-ol, cis-	154	C10H18O	015714-13-3	47
2	Cyclohexaneethanol, .beta.-methy...	140	C9H16O	007697-55-4	46
3	7-Hexadecyn-1-ol	238	C16H30O	000822-21-9	43
4	5-Dodecyne	166	C12H22	019780-12-2	41
5	1-Cyclohexylheptene	180	C13H24	114614-83-4	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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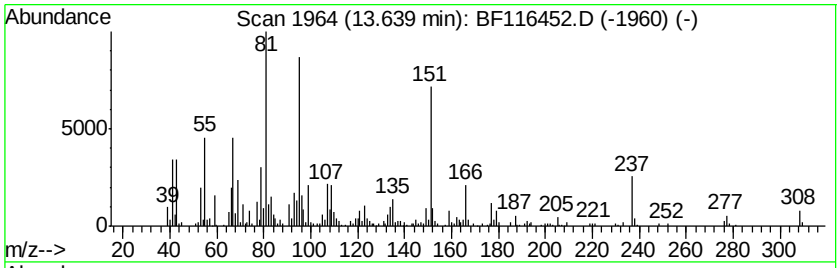
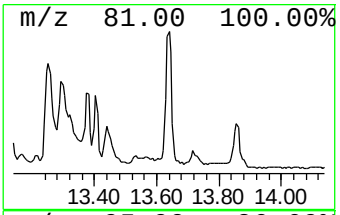
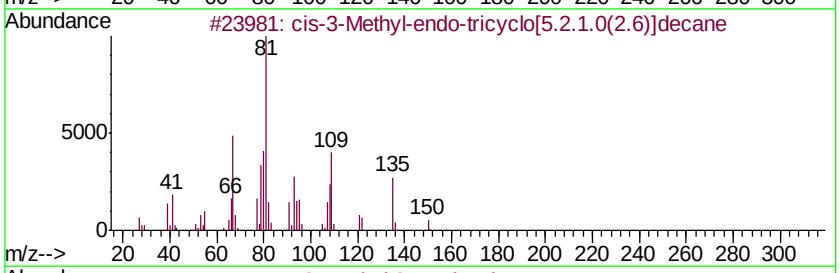
Peak Number 19 unknown13.64 Concentration Rank 7

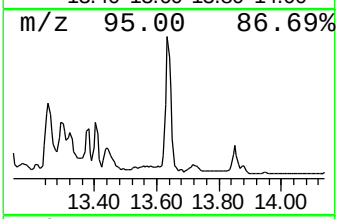
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.64	14.41 ng	635933	Chrysene-d12	13.97

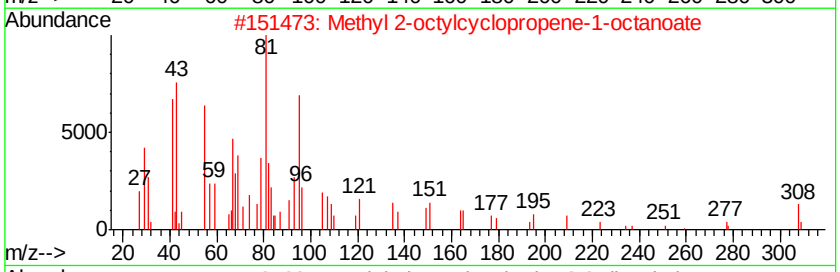
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	cis-3-Methyl-endo-tricyclo[5.2.1...	150	C11H18	1000215-29-0	35
2	Methyl 2-octylcyclopropene-1-oct...	308	C20H36O2	003220-60-8	30
3	Naphthalene, decahydro-2,2-dimet...	166	C12H22	031124-85-3	30
4	Piperidine, 1-(1-oxo-2,4-hexadie...	179	C11H17NO	019074-11-4	25
5	2-Cyanomethyl-hexahydro-pyrimidi...	175	C8H9N5	1000185-88-3	15

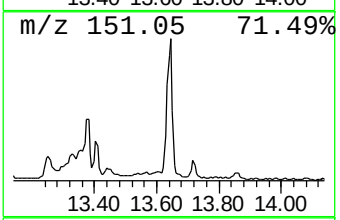


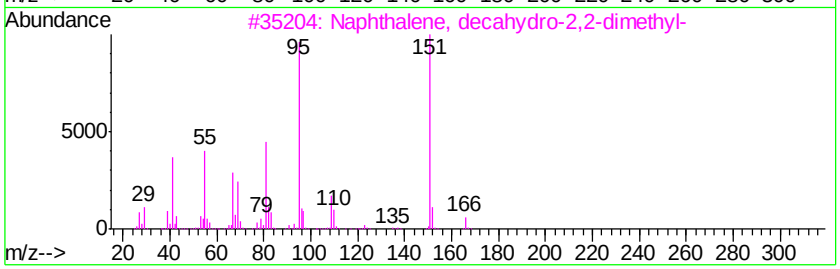


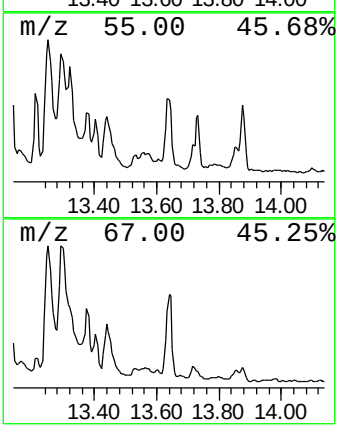












Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082019\
Data File : BF116452.D
Acq On : 21 Aug 2019 1:21
Operator : HP/JU
Sample : K4096-04 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-05-081919

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

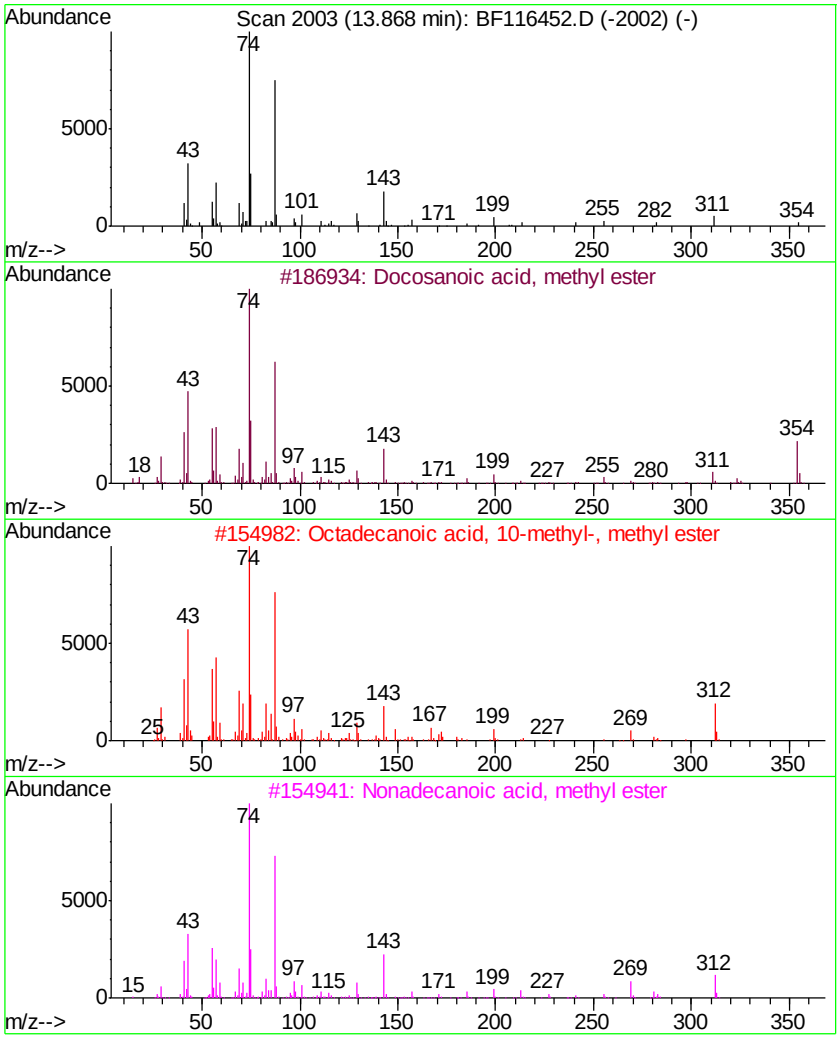
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

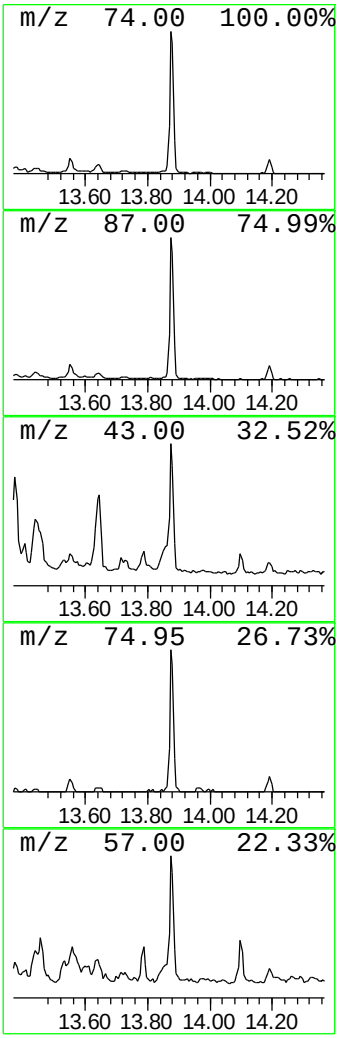
****

Peak Number 20 Docosanoic acid, methyl ester Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.87	7.17 ng	316295	Chrysene-d12	13.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosanoic acid, methyl ester	354	C23H46O2	000929-77-1	95
2	Octadecanoic acid, 10-methyl-, m...	312	C20H40O2	002490-19-9	86
3	Nonadecanoic acid, methyl ester	312	C20H40O2	001731-94-8	78
4	Hexadecanoic acid, 15-methyl-, m...	284	C18H36O2	006929-04-0	72
5	Heptadecanoic acid, methyl ester	284	C18H36O2	001731-92-6	72





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF082019\
Data File : BF116452.D
Acq On : 21 Aug 2019 1:21
Operator : HP/JU
Sample : K4096-04 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-05-081919

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.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
unknown6.60	6.60	13.3	ng	310520	1	6.80	467006	20.0
9-Hexadecenoic ac...	11.62	4.8	ng	220328	4	11.32	913517	20.0
Hexadecanoic acid...	11.71	113.8	ng	5195390	4	11.32	913517	20.0
n-Hexadecanoic acid	11.85	5.3	ng	242937	4	11.32	913517	20.0
9,12-Octadecadien...	12.40	216.5	ng	9889480	4	11.32	913517	20.0
3-Octadecenoic ac...	12.43	194.9	ng	8903650	4	11.32	913517	20.0
Methyl stearate	12.50	75.0	ng	3426010	4	11.32	913517	20.0
Oleic Acid	12.55	22.0	ng	1004280	4	11.32	913517	20.0
Tetradecanoic acid	12.63	5.1	ng	232698	4	11.32	913517	20.0
Benzene, 1,1'-(1,...	12.78	4.0	ng	175632	5	13.97	882401	20.0
Methyl 9.cis.,11....	13.09	5.3	ng	231633	5	13.97	882401	20.0
trans-13-Octadece...	13.13	7.7	ng	340672	5	13.97	882401	20.0
Eicosanoic acid, ...	13.21	7.4	ng	328432	5	13.97	882401	20.0
8-Hexadecyne	13.25	20.4	ng	899526	5	13.97	882401	20.0
unknown13.29	13.29	9.6	ng	421623	5	13.97	882401	20.0
unknown13.37	13.37	4.9	ng	216367	5	13.97	882401	20.0
unknown13.44	13.44	10.3	ng	454006	5	13.97	882401	20.0
unknown13.64	13.64	14.4	ng	635933	5	13.97	882401	20.0
Docosanoic acid, ...	13.87	7.2	ng	316295	5	13.97	882401	20.0