LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022118\
Data File : BF103132.D
Acq On : 21 Feb 2018 13:24
Operator : SJ/JU
Sample : J1404-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-05-022018

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:\HPCHEM1\BNA_F\METHODS\8270-BF020318.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	2.134	3	8	19	rVB	854748	1099163	9.35%	1.827%
2	5.498	576	580	590	rBV	3295357	3411850	29.01%	5.670%
3	6.510	747	752	755	rBV	3111988	3118012	26.52%	5.181%
4	6.651	771	776	779	rBV	3246564	3287819	27.96%	5.464%
5	6.875	811	814	818	rBV	1136849	922613	7.85%	1.533%
6	7.034	837	841	844	rBV	2902855	2536344	21.57%	4.215%
7	7.439	906	910	913	rBV	2271946	2125149	18.07%	3.531%
8	8.157	1029	1032	1038	rBV	1272540	1117999	9.51%	1.858%
9	9.233	1211	1215	1218	rBV	3236929	2987805	25.41%	4.965%
10	9.492	1256	1259	1265	rBV	194519	187533	1.59%	0.312%
11	9.622	1277	1281	1288	rVB	332179	313914	2.67%	0.522%
12	9.833	1313	1317	1321	rVB	187966	152829	1.30%	0.254%
13	9.916	1327	1331	1335	rBV	1194942	1050008	8.93%	1.745%
14	10.333	1399	1402	1405	rVB	237644	204639	1.74%	0.340%
15	10.704	1461	1465	1474	rBV	1613418	1519821	12.92%	2.526%
16	10.804	1479	1482	1492	rBV	194394	267522	2.27%	0.445%
17	11.251	1555	1558	1561	rBV	144015	131126	1.12%	0.218%
18	11.404	1580	1584	1587	rBV	1043202	909921	7.74%	1.512%
19	11.786	1645	1649	1653	rBV	5237279	5487895	46.67%	9.120%
20	11.922	1668	1672	1677	rBV2	230314	258932	2.20%	0.430%
21	12.486	1761	1768	1770	rBV	6289523	11759413	100.00%	19.541%
22	12.510	1770	1772	1777	rVV2	6526233	6994297	59.48%	11.623%
23	12.580	1780	1784	1787	rVB	3353454	3049581	25.93%	5.068%
24	12.851	1827	1830	1831	rBV	136287	127822	1.09%	0.212%
25	12.992	1850	1854	1857	rBV	2096631	1981670	16.85%	3.293%
26	13.221	1891	1893	1899	rVB	315164	333615	2.84%	0.554%
27	13.298	1903	1906	1908	rBV	357536	346465	2.95%	0.576%
28	13.321	1908	1910	1915	rVV3	358664	438644	3.73%	0.729%
29	13.369	1915	1918	1922	rVV3	346494	405954	3.45%	0.675%
30	13.410	1923	1925	1930	rVV	189341	191871	1.63%	0.319%
31	13.510	1939	1942	1945	rVB	442712	403441	3.43%	0.670%
32	13.733	1975	1980	1985	rVB2	454916	662325	5.63%	1.101%
33	13.874	2001	2004	2007	rVB	204331	192318	1.64%	0.320%
34	13.904	2007	2009	2014	rVB	141205	146848	1.25%	0.244%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022118\
Data File : BF103132.D
Acq On : 21 Feb 2018 13:24
Operator : SJ/JU
Sample : J1404-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-05-022018

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:\HPCHEM1\BNA_F\METHODS\8270-BF020318.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	13.968	2017	2020	2023	rBV	385651	312967	2.66%	0.520%
36	14.051	2030	2034	2037	rBV	902870	858981	7.30%	1.427%
37	15.545	2284	2288	2295	rVB2	626192	880477	7.49%	1.463%

Sum of corrected areas: 60177583

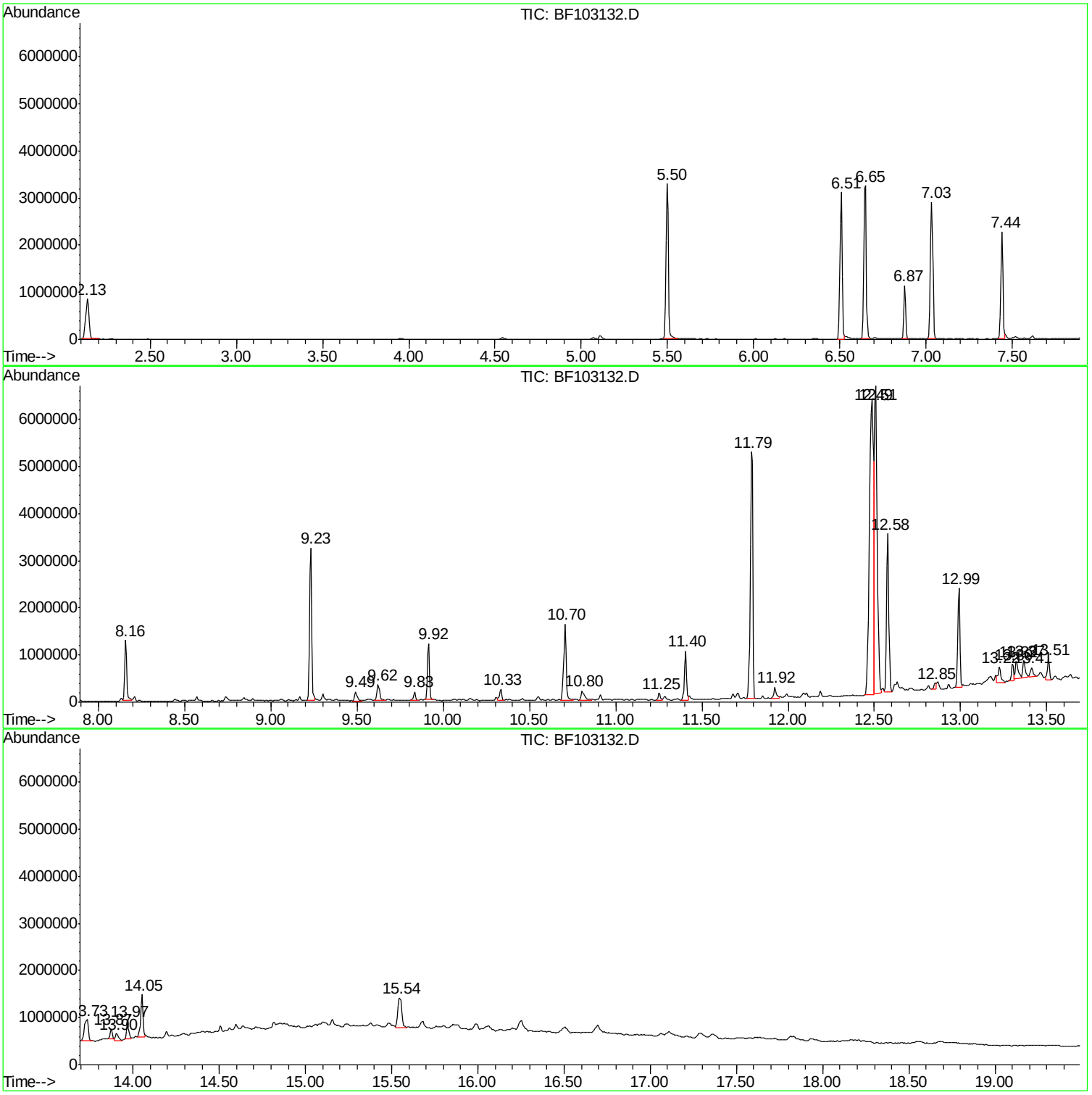
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022118\
Data File : BF103132.D
Acq On : 21 Feb 2018 13:24
Operator : SJ/JU
Sample : J1404-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-05-022018

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA F\DATA\BF022118\
Data File : BF103132.D
Acq On : 21 Feb 2018 13:24
Operator : SJ/JU
Sample : J1404-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-05-022018

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

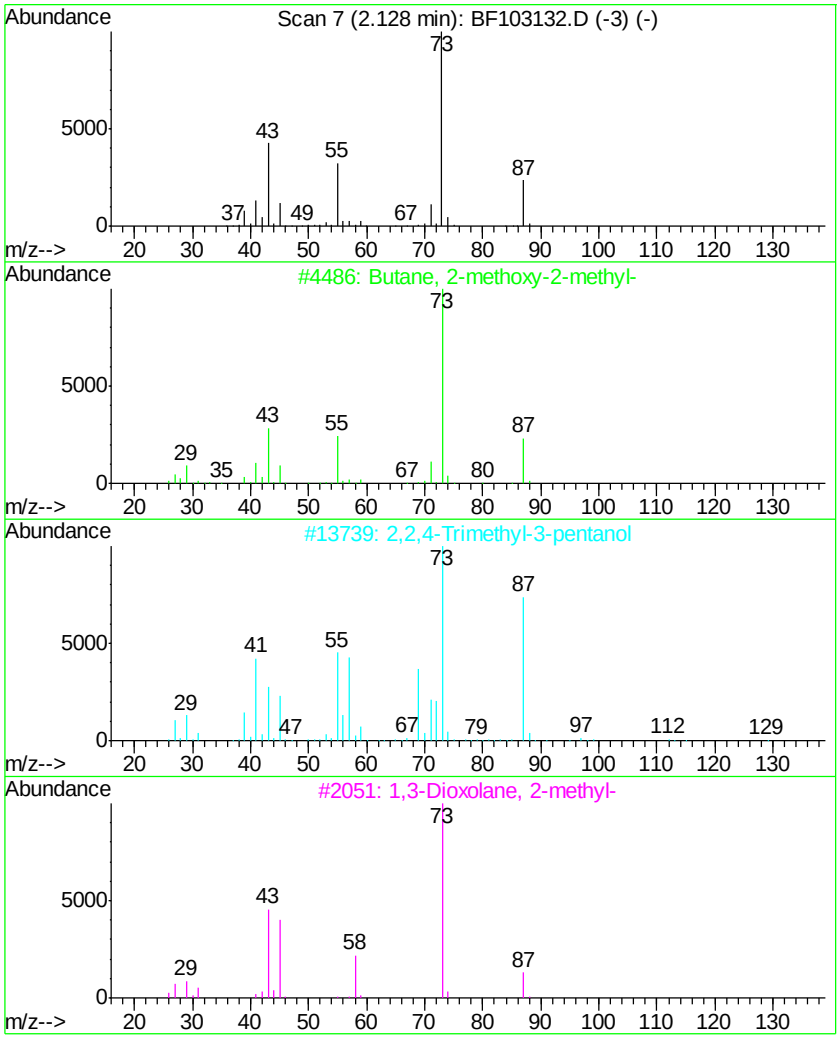
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

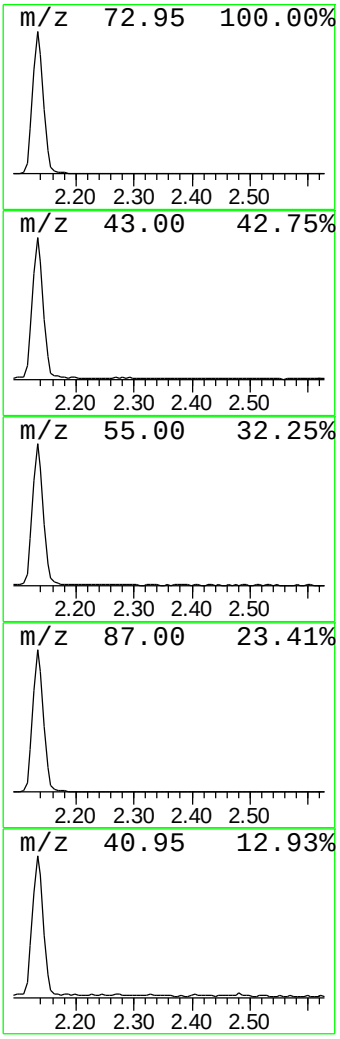
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.13	23.83 ng	1099160	1,4-Dichlorobenzene-d4	6.87

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	12
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF022118\
Data File : BF103132.D
Acq On : 21 Feb 2018 13:24
Operator : SJ/JU
Sample : J1404-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-05-022018

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

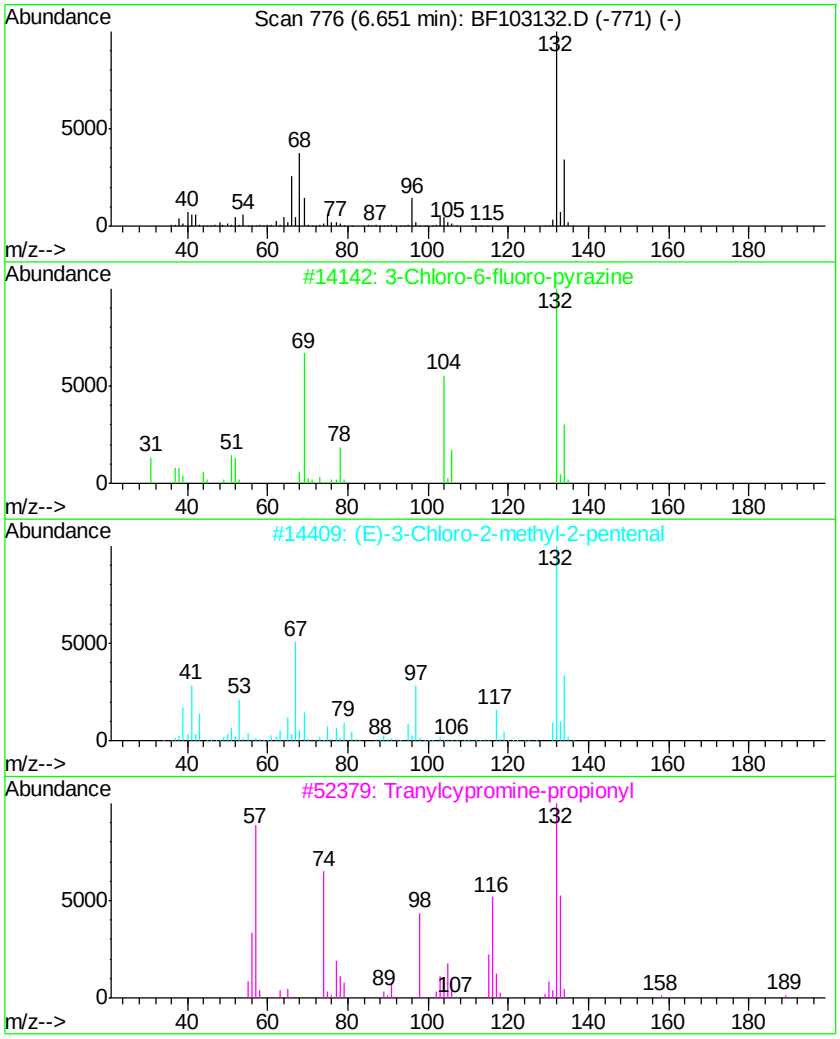
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

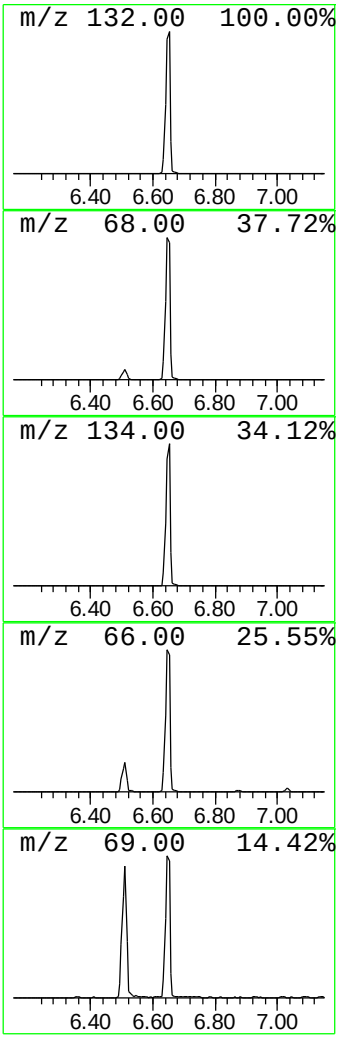
****

Peak Number 2 unknown6.65 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.65	71.27 ng	3287820	1,4-Dichlorobenzene-d4	6.87

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	17
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF022118\
Data File : BF103132.D
Acq On : 21 Feb 2018 13:24
Operator : SJ/JU
Sample : J1404-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-05-022018

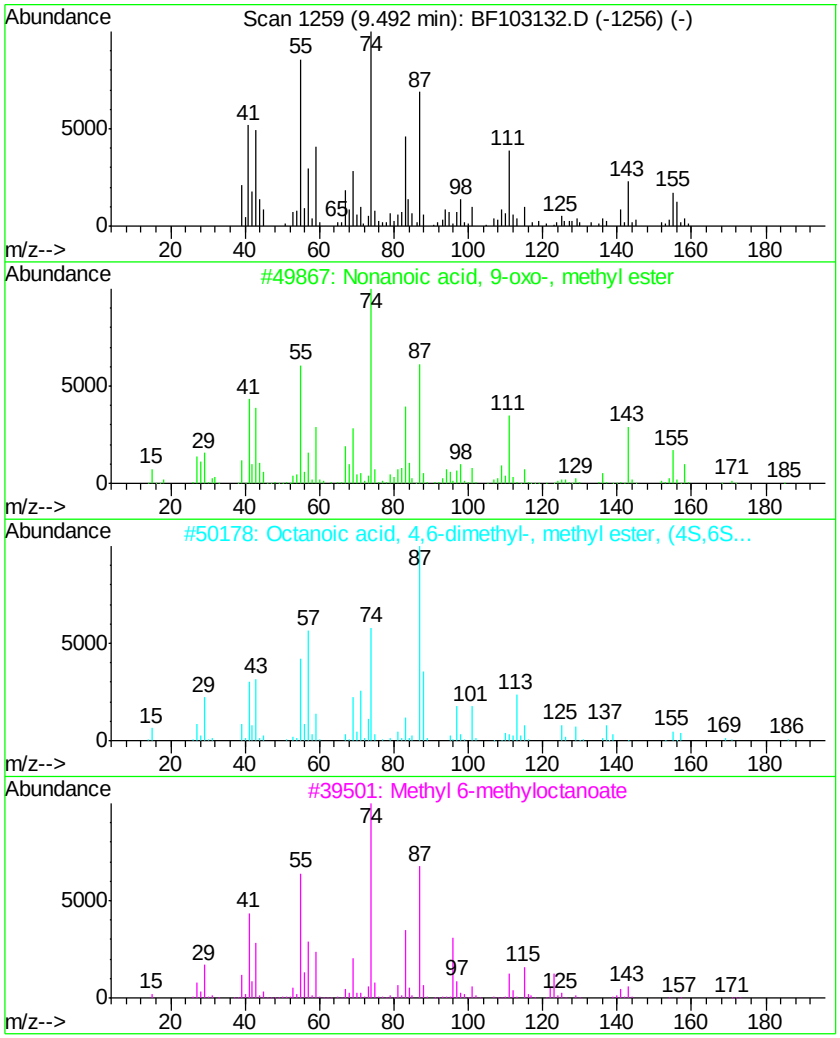
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

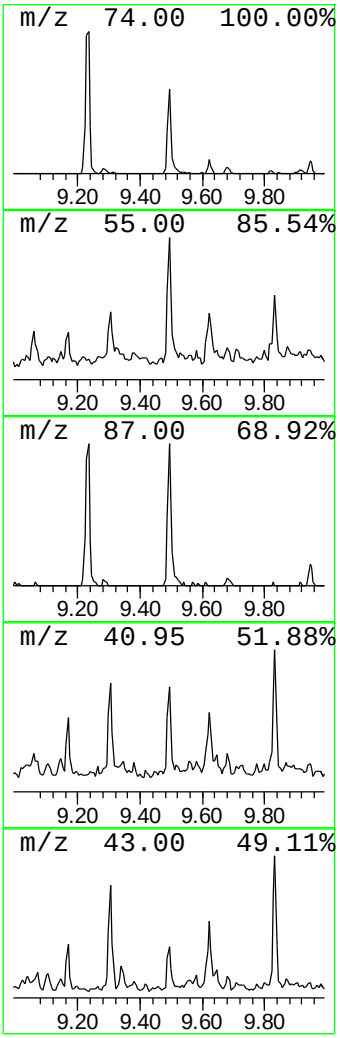
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Nonanoic acid, 9-oxo-, meth... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.49	3.57 ng	187533	Acenaphthene-d10	9.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonanoic acid, 9-oxo-, methyl ester	186	C10H18O3	001931-63-1	80
2	Octanoic acid, 4,6-dimethyl-, me...	186	C11H22O2	002553-96-0	43
3	Methyl 6-methyloctanoate	172	C10H20O2	005129-62-4	40
4	Methyl 8-methyl-nonanoate	186	C11H22O2	1000336-43-6	38
5	Pentanoic acid, 4-methyl-, methy...	130	C7H14O2	002412-80-8	38





Data Path : Z:\HPCHEM1\BNA F\DATA\BF022118\
Data File : BF103132.D
Acq On : 21 Feb 2018 13:24
Operator : SJ/JU
Sample : J1404-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-05-022018

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

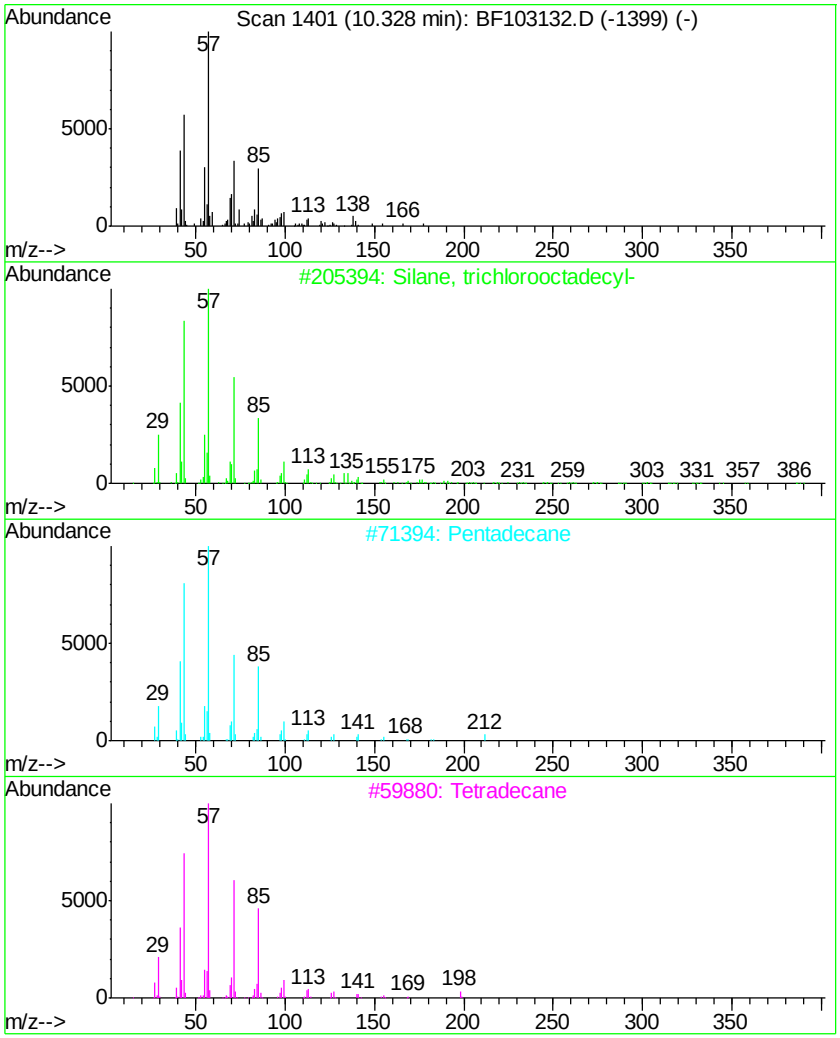
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

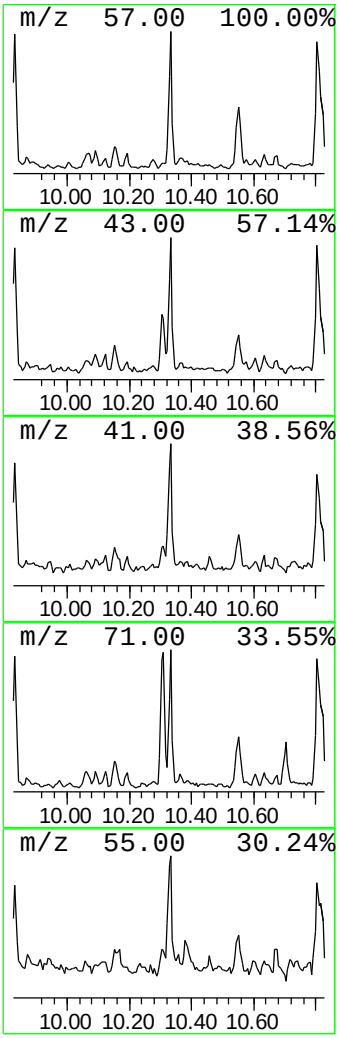
****

Peak Number 5 Silane, trichlorooctadecyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.33	3.90 ng	204639	Acenaphthene-d10	9.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	90
2	Pentadecane	212	C15H32	000629-62-9	90
3	Tetradecane	198	C14H30	000629-59-4	90
4	Hexadecane	226	C16H34	000544-76-3	87
5	Tetracosane	338	C24H50	000646-31-1	83





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022118\
Data File : BF103132.D
Acq On : 21 Feb 2018 13:24
Operator : SJ/JU
Sample : J1404-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-05-022018

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

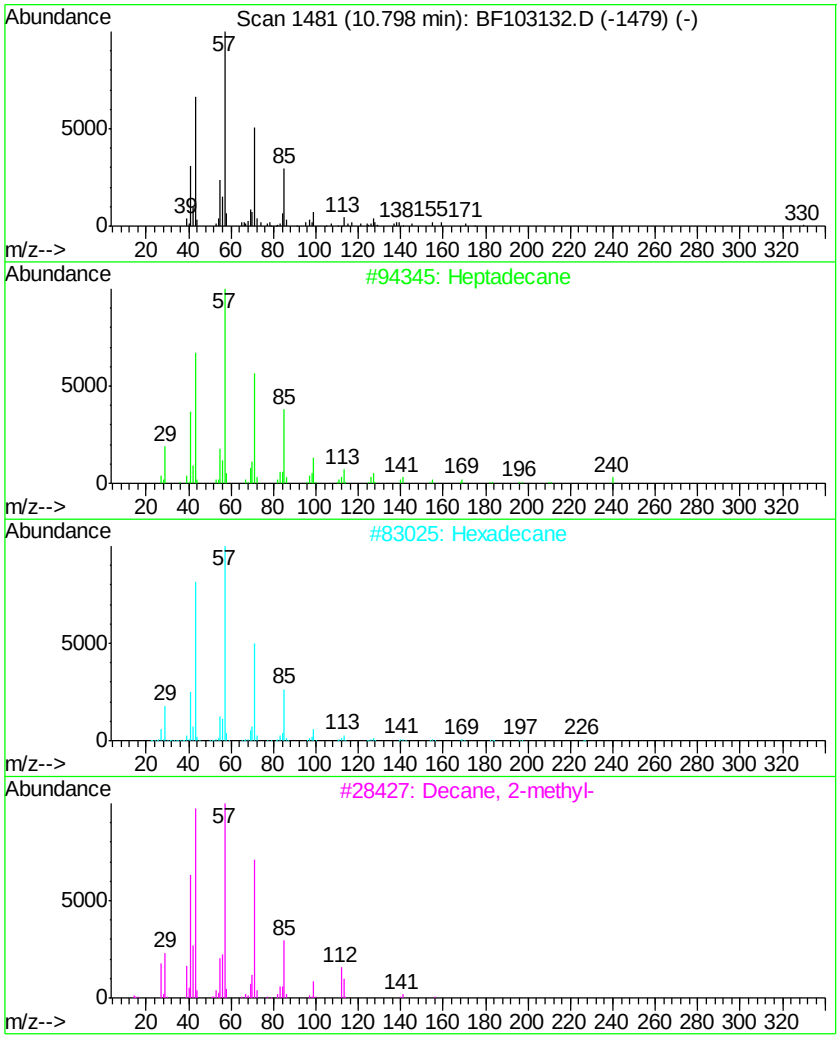
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

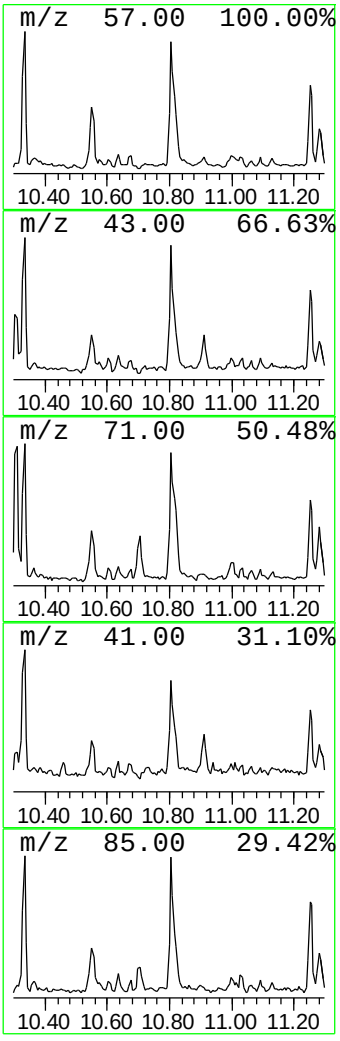
****

Peak Number 6 Heptadecane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.80	5.88 ng	267522	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	90
2	Hexadecane	226	C16H34	000544-76-3	90
3	Decane, 2-methyl-	156	C11H24	006975-98-0	74
4	Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	72
5	Decane, 3-methyl-	156	C11H24	013151-34-3	68





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Data File : BF103132.D
Acq On : 21 Feb 2018 13:24
Operator : SJ/JU
Sample : J1404-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-05-022018

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

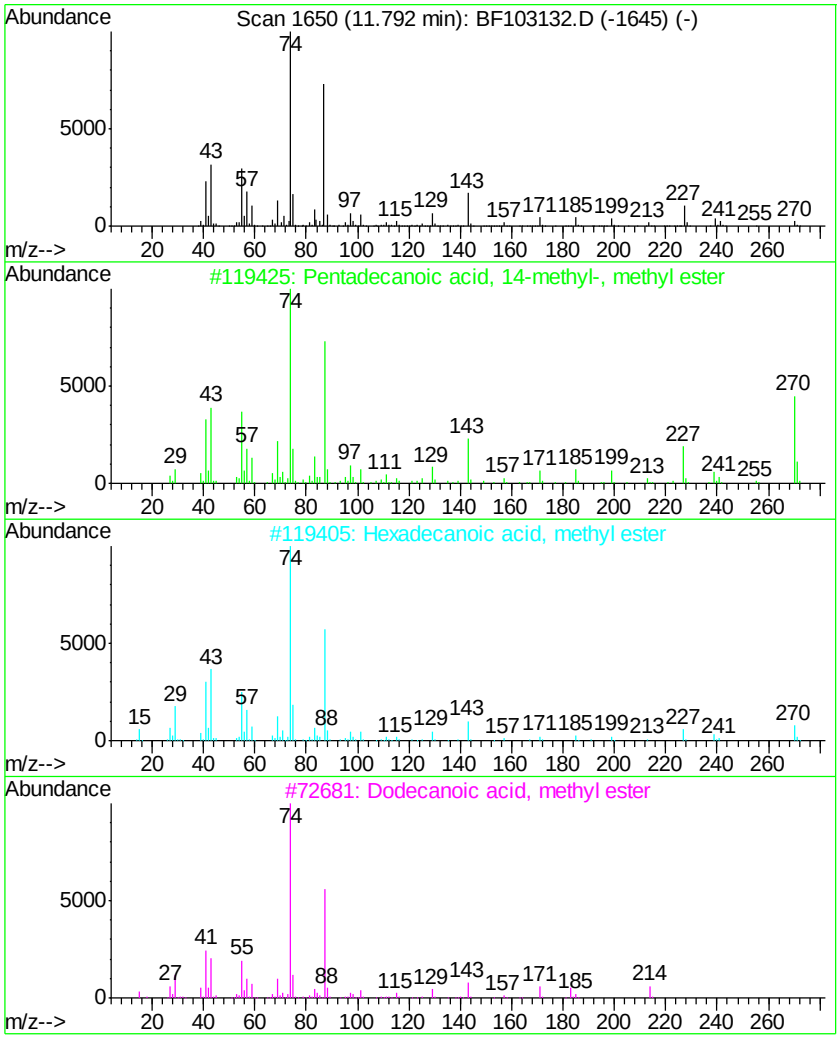
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

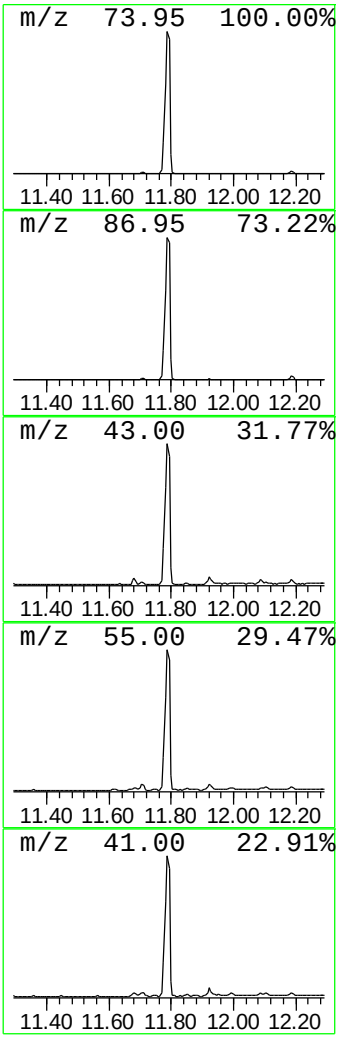
****

Peak Number 7 Pentadecanoic acid, 14-meth... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.79	120.62 ng	5487900	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	94
2	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	91
3	Dodecanoic acid, methyl ester	214	C13H26O2	000111-82-0	90
4	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	90
5	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	86





Data Path : Z:\HPCHEM1\BNA F\DATA\BF022118\
Data File : BF103132.D
Acq On : 21 Feb 2018 13:24
Operator : SJ/JU
Sample : J1404-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-05-022018

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

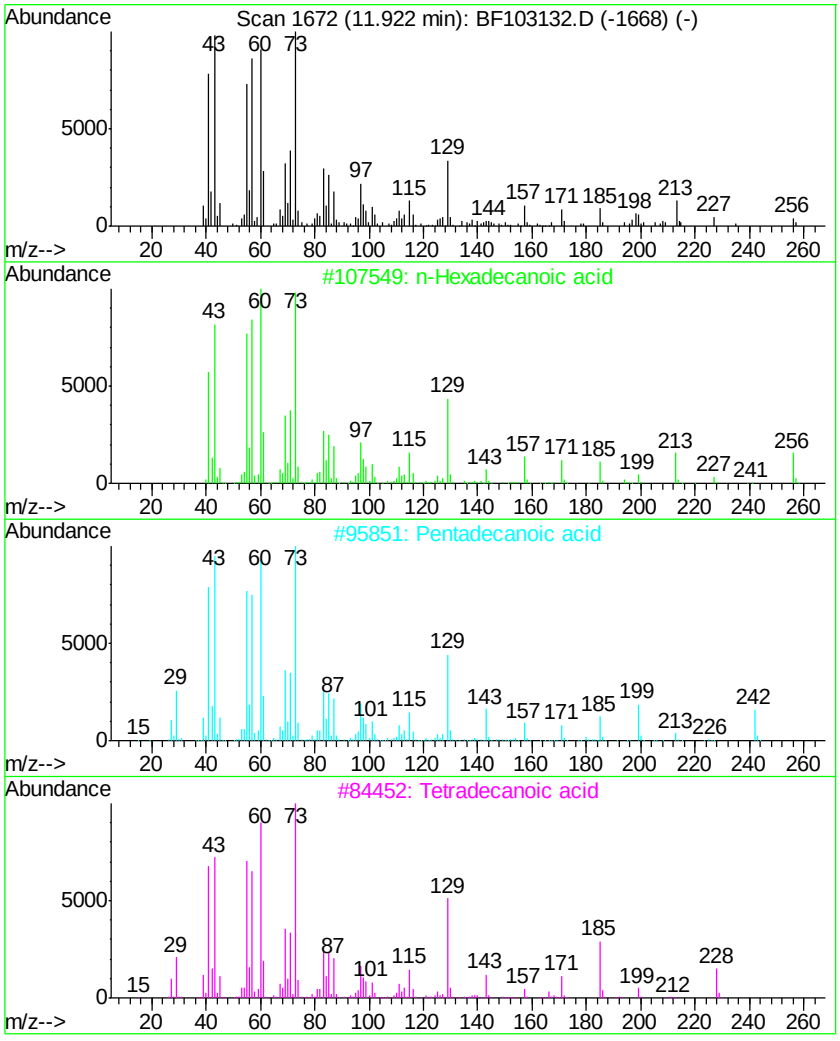
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

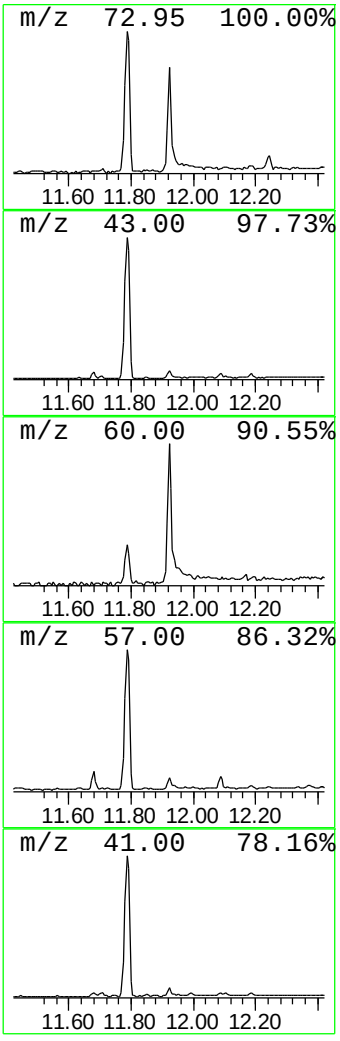
****

Peak Number 8 n-Hexadecanoic acid Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.92	5.69 ng	258932	Phenanthrene-d10	11.40

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	90
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	80
4	Tridecanoic acid	214	C13H26O2	000638-53-9	72
5	Dodecanoic acid	200	C12H24O2	000143-07-7	58





Data Path : Z:\HPCHEM1\BNA F\DATA\BF022118\
Data File : BF103132.D
Acq On : 21 Feb 2018 13:24
Operator : SJ/JU
Sample : J1404-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-05-022018

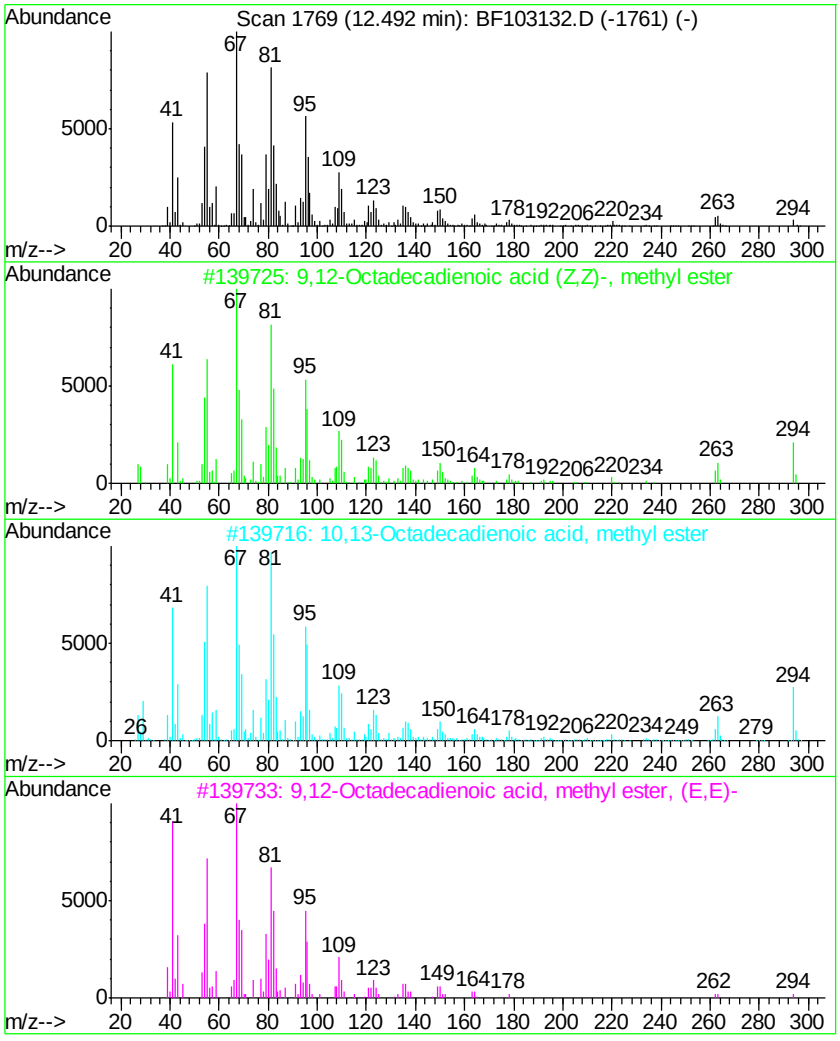
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

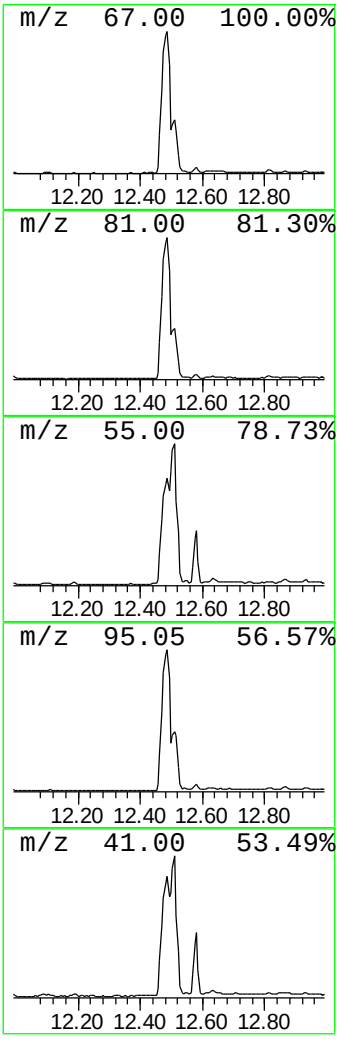
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.49	258.47 ng	11759400	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	99
2	10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	99
3	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	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





Data Path : Z:\HPCHEM1\BNA F\DATA\BF022118\
Data File : BF103132.D
Acq On : 21 Feb 2018 13:24
Operator : SJ/JU
Sample : J1404-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-05-022018

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

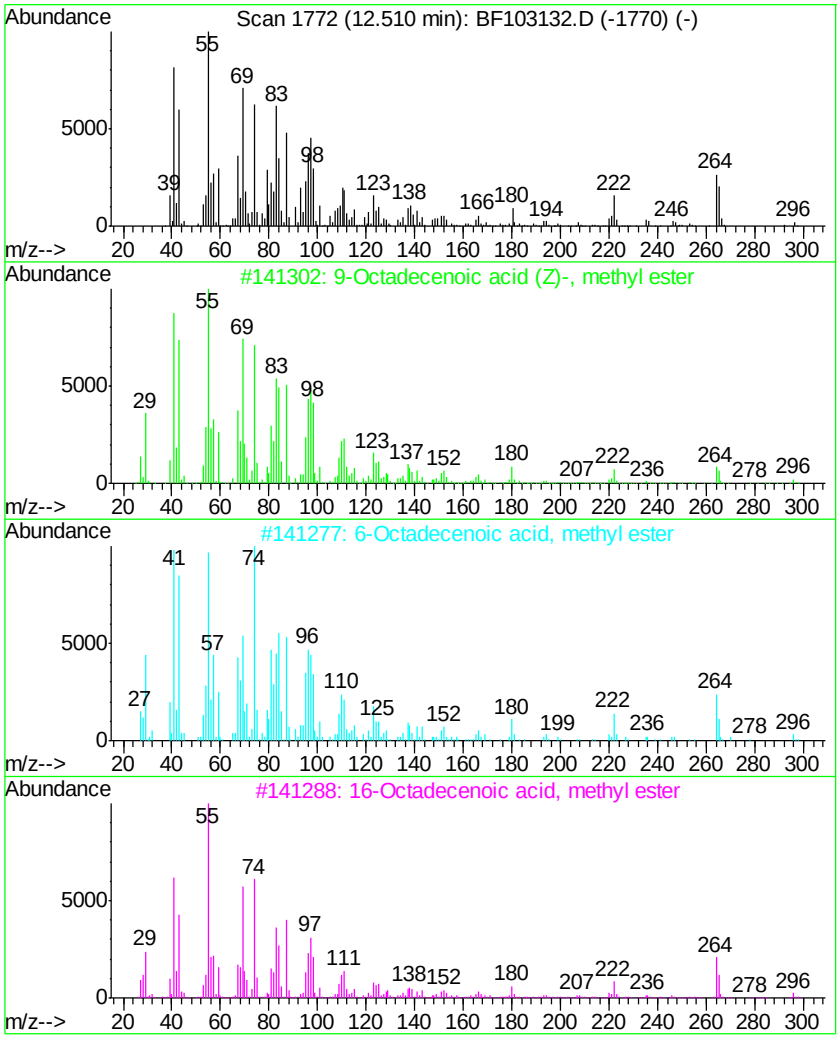
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

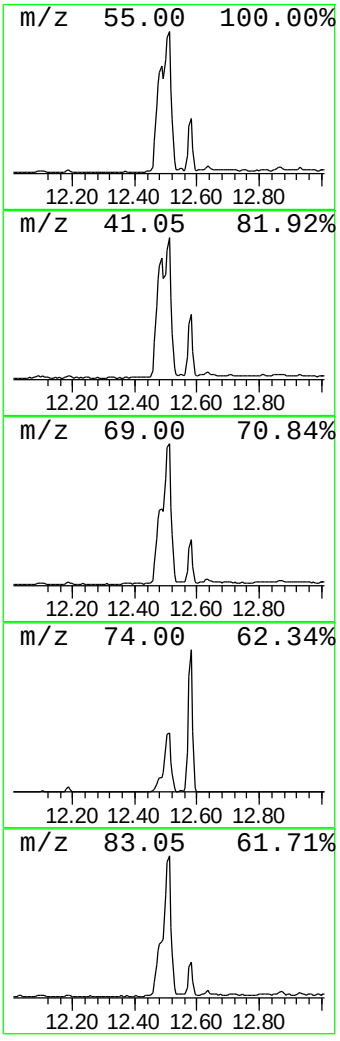
****

Peak Number 10 9-Octadecenoic acid (Z)-, m... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.51	153.73 ng	6994300	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	99
2	6-Octadecenoic acid, methyl ester	296	C19H36O2	052355-31-4	99
3	16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	98
4	13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	98
5	6-Octadecenoic acid, methyl este...	296	C19H36O2	002777-58-4	96





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Data File : BF103132.D
Acq On : 21 Feb 2018 13:24
Operator : SJ/JU
Sample : J1404-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-05-022018

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.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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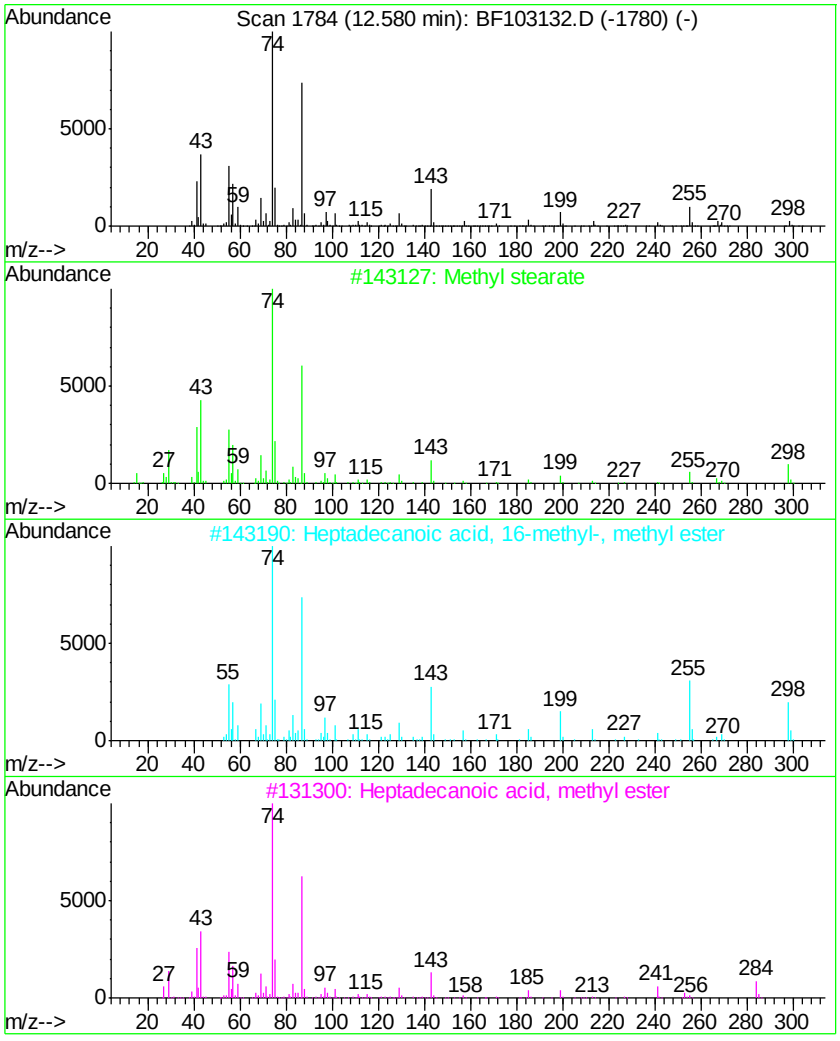
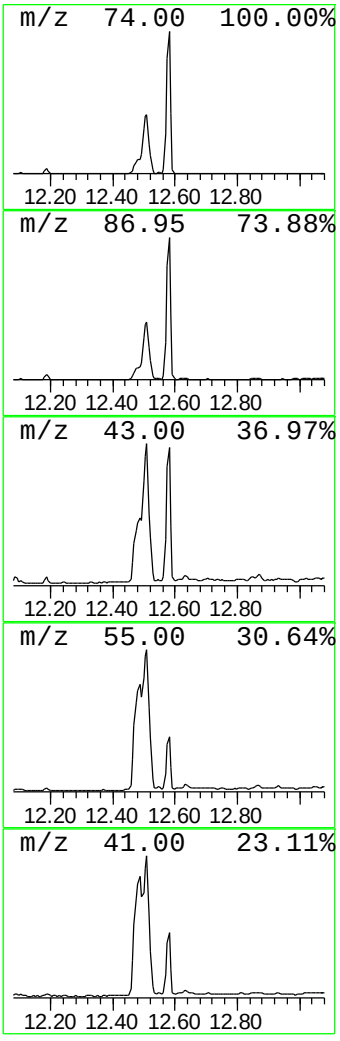
Peak Number 11 Methyl stearate Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.58	67.03 ng	3049580	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl stearate	298	C19H38O2	000112-61-8	97
2	Heptadecanoic acid, 16-methyl-, ...	298	C19H38O2	005129-61-3	91
3	Heptadecanoic acid, methyl ester	284	C18H36O2	001731-92-6	91
4	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	90
5	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	90





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Acq On : 21 Feb 2018 13:24
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Sample : J1404-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-05-022018

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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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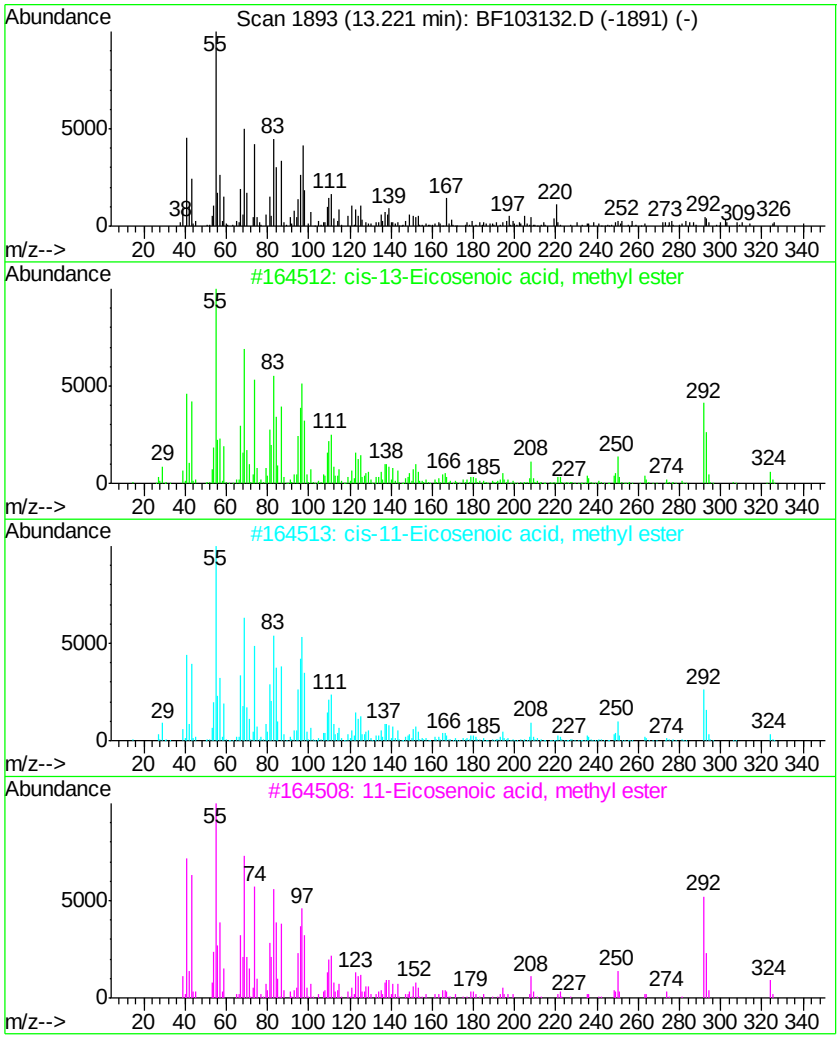
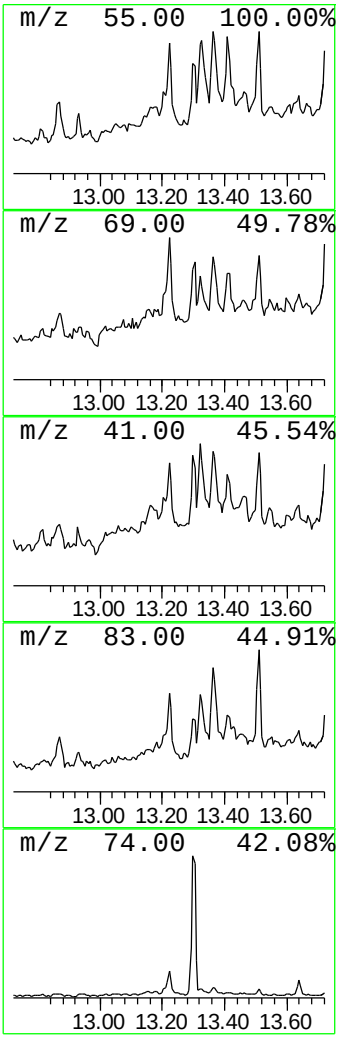
Peak Number 12 cis-13-Eicosenoic acid, met... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.22	7.77 ng	333615	Chrysene-d12	14.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	cis-13-Eicosenoic acid, methyl e...	324	C21H40O2	1000333-52-1	91
2	cis-11-Eicosenoic acid, methyl e...	324	C21H40O2	1000333-63-8	90
3	11-Eicosenoic acid, methyl ester	324	C21H40O2	003946-08-5	83
4	cis-10-Heptadecenoic acid, methy...	282	C18H34O2	1000333-62-1	70
5	Cyclopropaneoctanoic acid, 2-hex...	282	C18H34O2	010152-61-1	62





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Operator : SJ/JU
Sample : J1404-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-05-022018

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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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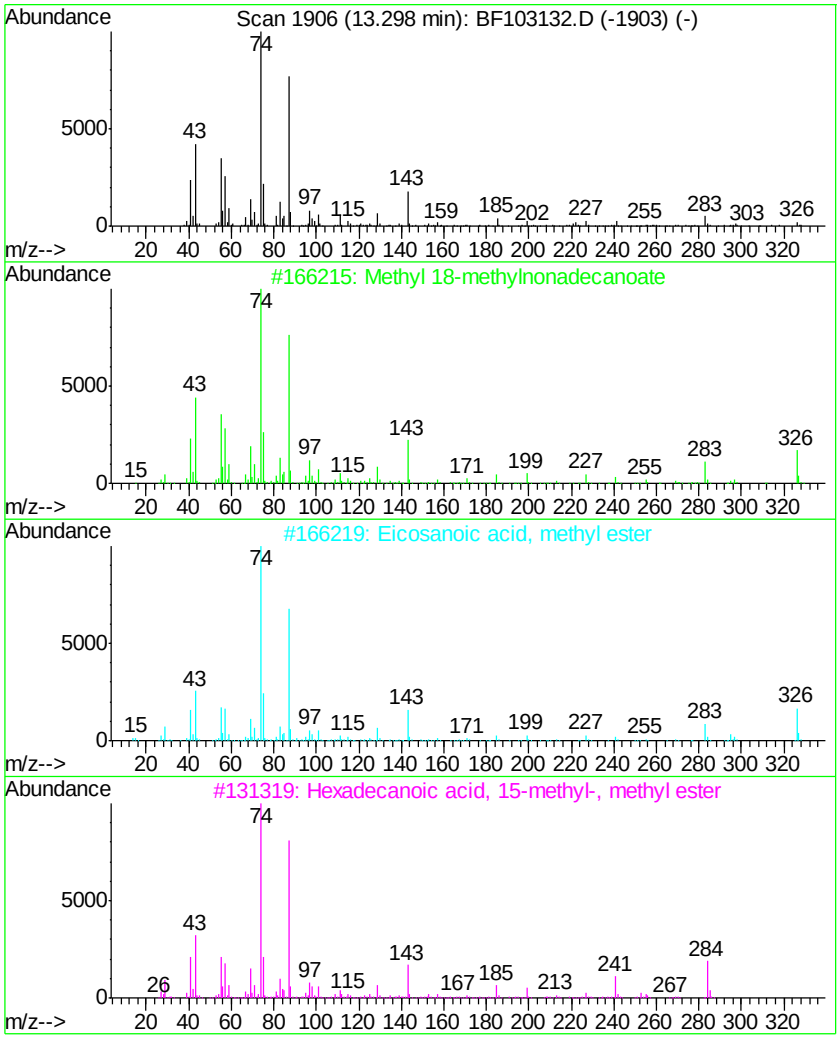
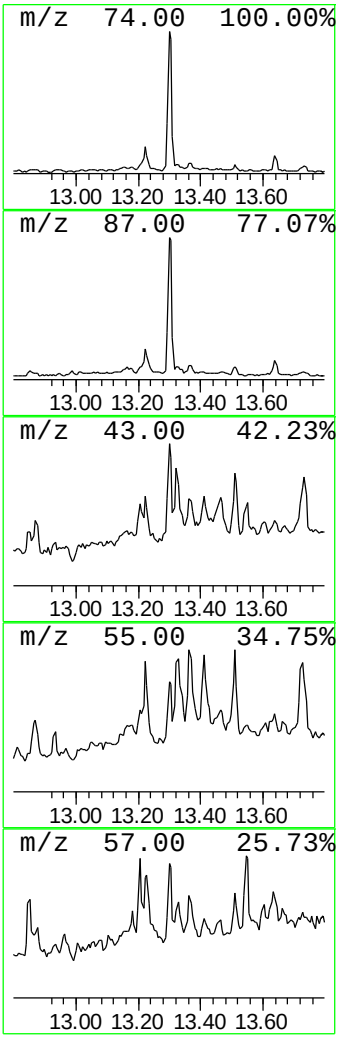
Peak Number 13 Methyl 18-methylnonadecanoate Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.30	8.07 ng	346465	Chrysene-d12	14.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl 18-methylnonadecanoate	326	C21H42O2	1000352-20-6	95
2	Eicosanoic acid, methyl ester	326	C21H42O2	001120-28-1	95
3	Hexadecanoic acid, 15-methyl-, m...	284	C18H36O2	006929-04-0	93
4	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	93
5	Methyl stearate	298	C19H38O2	000112-61-8	90





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Operator : SJ/JU
Sample : J1404-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-05-022018

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.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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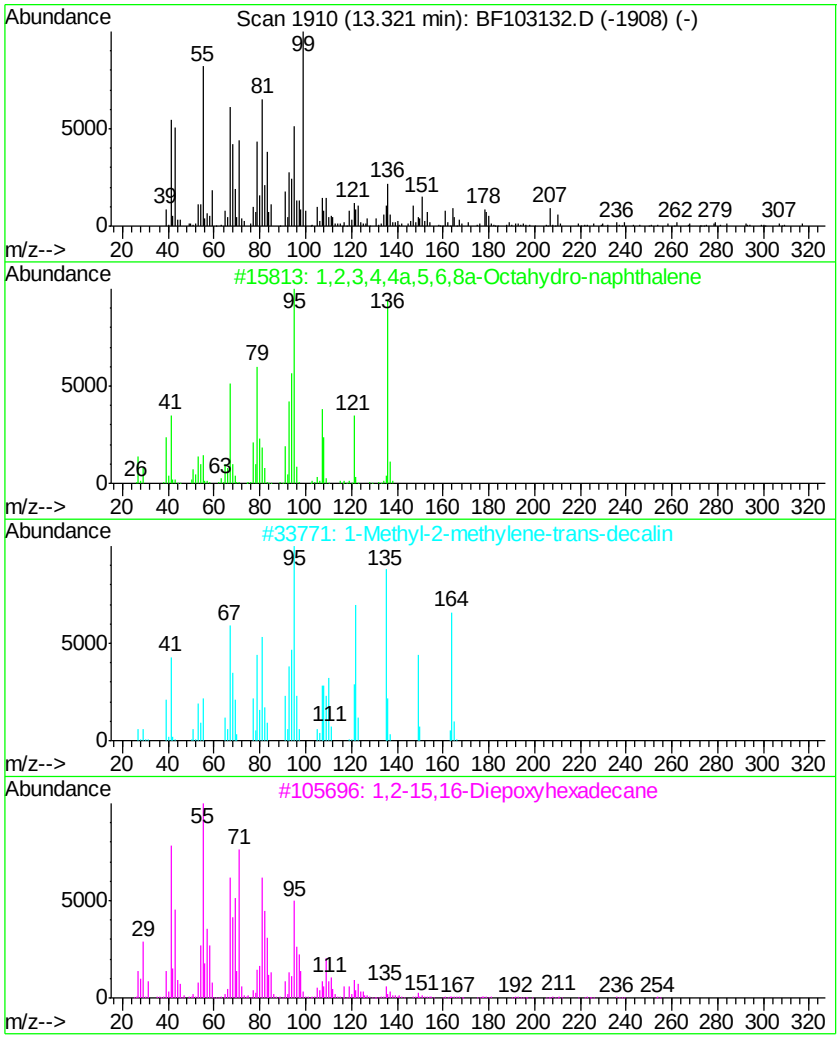
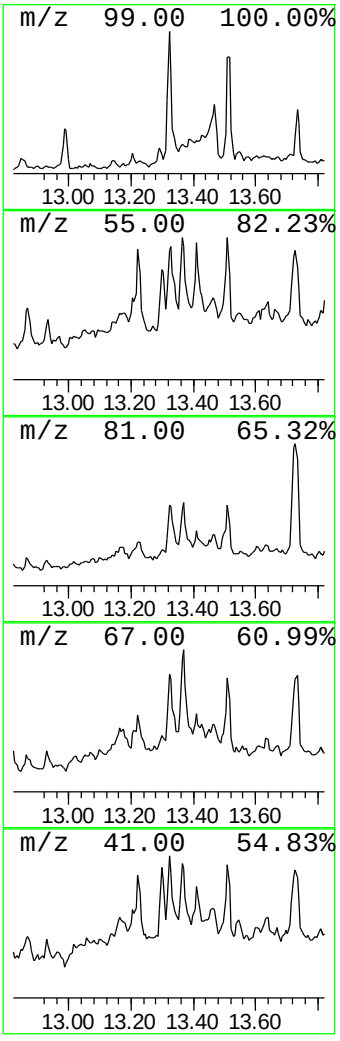
Peak Number 14 unknown13.32 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.32	10.21 ng	438644	Chrysene-d12	14.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2,3,4,4a,5,6,8a-Octahydro-naph...	136	C10H16	031244-58-3	42
2	1-Methyl-2-methylene-trans-decalin	164	C12H20	090548-09-7	42
3	1,2-15,16-Diepoxyhexadecane	254	C16H30O2	1000192-65-0	35
4	3-Methyl-cis-3a,4,7,7a-tetrahydr...	136	C10H16	1000144-04-4	35
5	2H-Pyran-2-one, tetrahydro-6-nonyl-	226	C14H26O2	002721-22-4	35





Data Path : Z:\HPCHEM1\BNA F\DATA\BF022118\
Data File : BF103132.D
Acq On : 21 Feb 2018 13:24
Operator : SJ/JU
Sample : J1404-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-05-022018

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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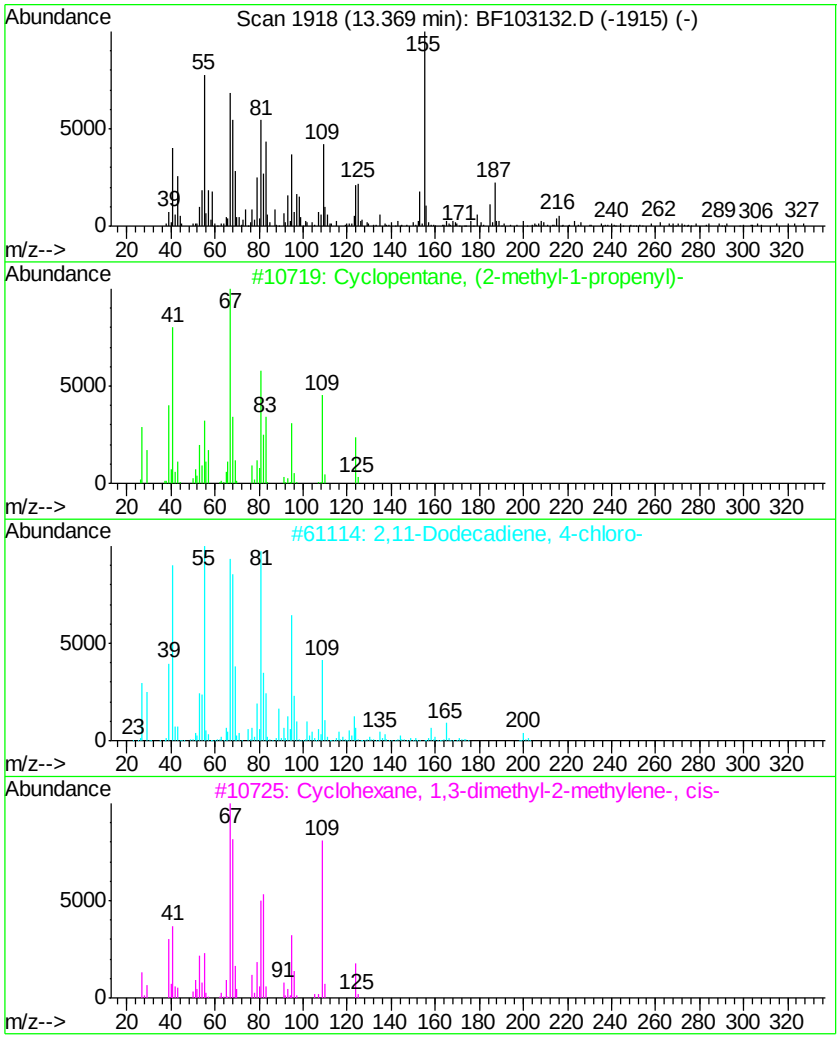
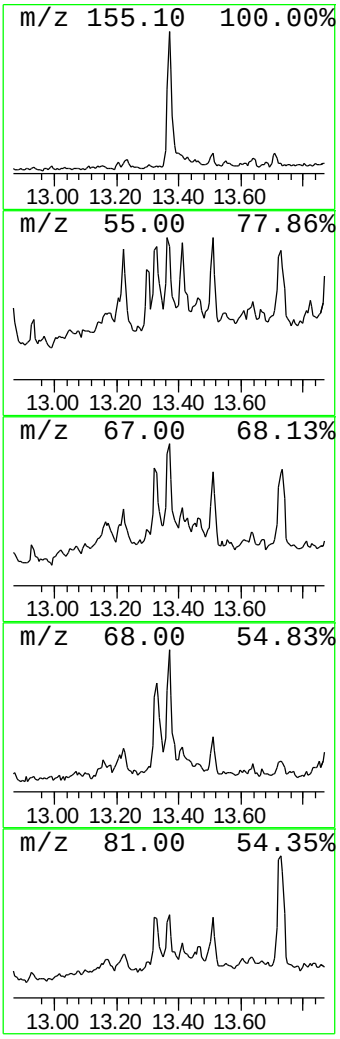
Peak Number 15 unknown13.37 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.37	9.45 ng	405954	Chrysene-d12	14.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, (2-methyl-1-propen...	124	C9H16	053366-57-7	30
2	2,11-Dodecadiene, 4-chloro-	200	C12H21Cl	1000155-54-5	30
3	Cyclohexane, 1,3-dimethyl-2-meth...	124	C9H16	019781-47-6	27
4	1-Methylbicyclo[3.2.1]octane	124	C9H16	119972-41-7	27
5	Benzene, 2-fluoro-1-methyl-4-nitro-	155	C7H6FNO2	001427-07-2	25





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Operator : SJ/JU
Sample : J1404-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-05-022018

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.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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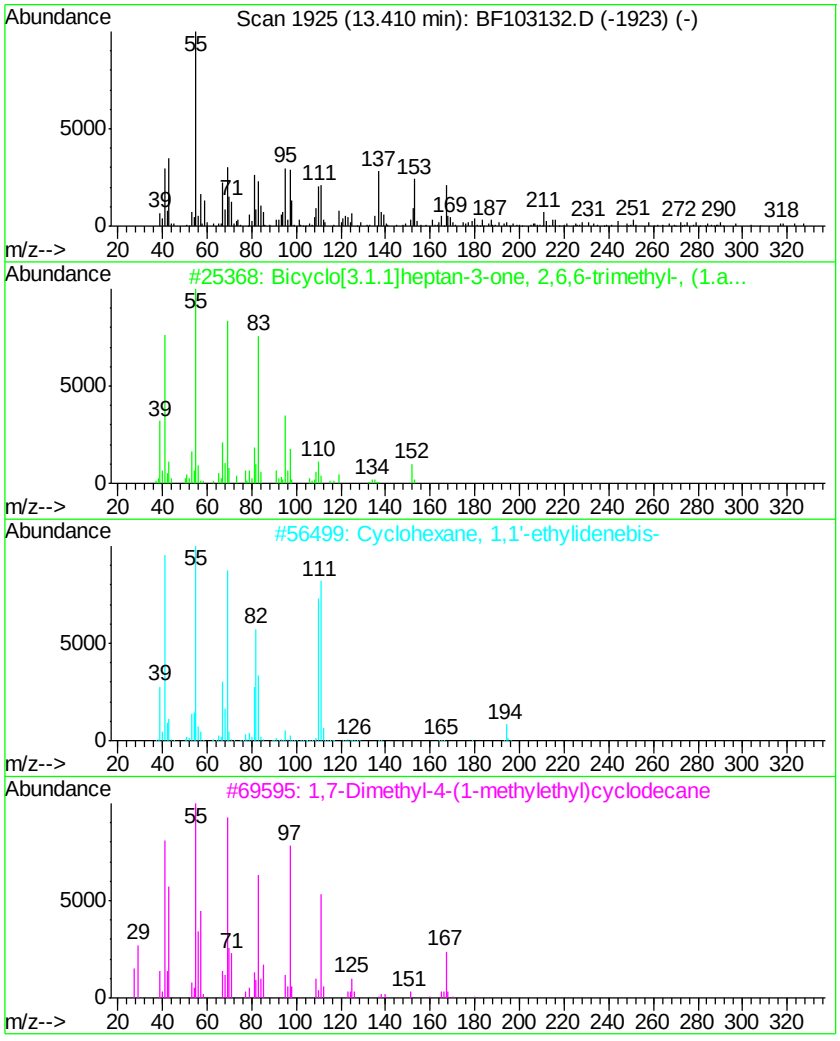
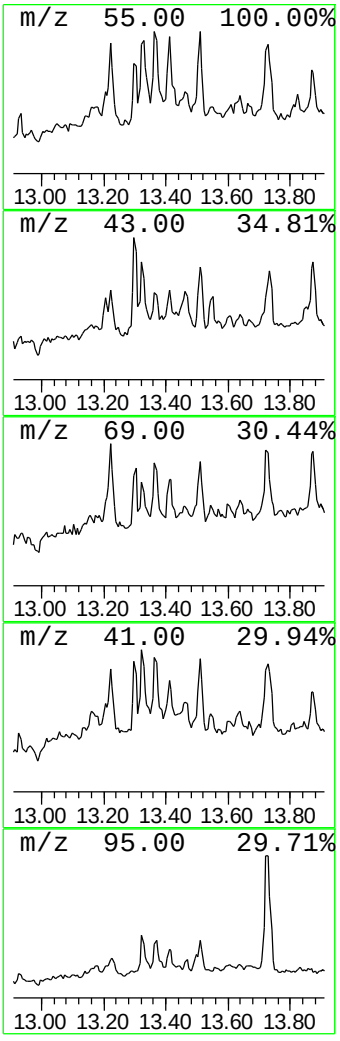
Peak Number 16 unknown13.42 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.41	4.47 ng	191871	Chrysene-d12	14.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[3.1.1]heptan-3-one, 2,6,...	152	C10H16O	015358-88-0	30
2	Cyclohexane, 1,1'-ethylidenebis-	194	C14H26	002319-61-1	15
3	1,7-Dimethyl-4-(1-methylethyl)cy...	210	C15H30	000645-10-3	14
4	6-Nitroundec-5-ene	199	C11H21NO2	1000192-40-3	14
5	Bicyclo[3.1.1]heptan-3-one, 2,6,...	152	C10H16O	000547-60-4	12





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Acq On : 21 Feb 2018 13:24
Operator : SJ/JU
Sample : J1404-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-05-022018

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.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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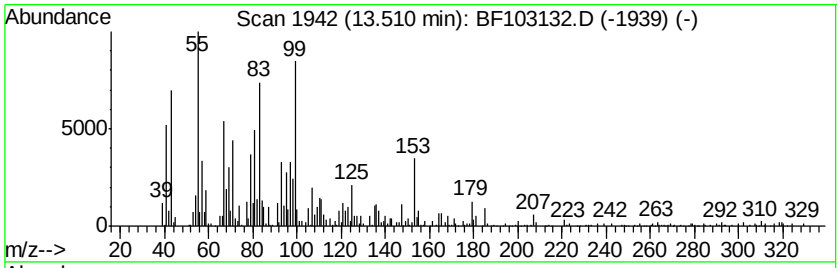
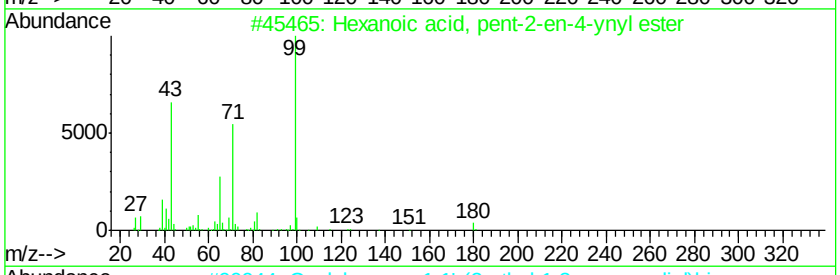
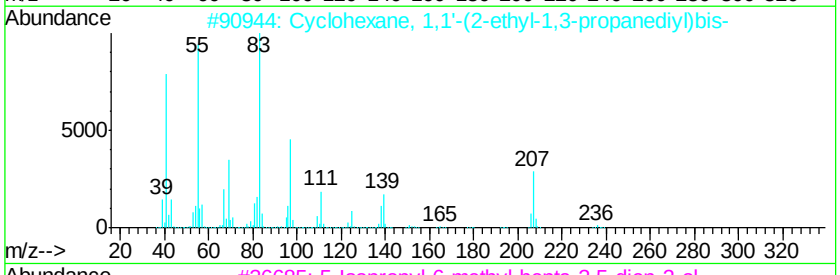
Peak Number 17 unknown13.51 Concentration Rank 11

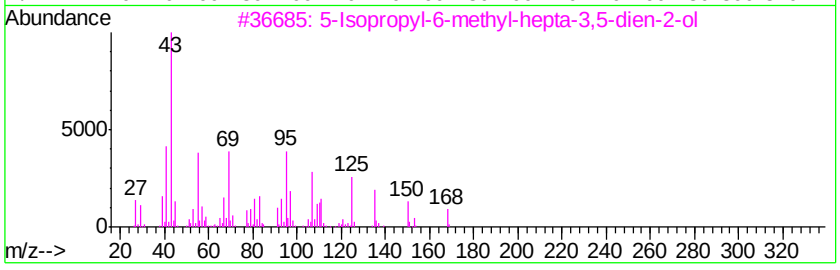
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.51	9.39 ng	403441	Chrysene-d12	14.05

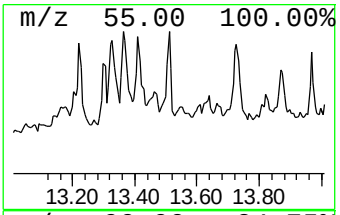
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoic acid, pent-2-en-4-ynyl ...	180	C11H16O2	1000299-35-3	25
2	Cyclohexane, 1,1'-(2-ethyl-1,3-p...	236	C17H32	054833-34-0	25
3	5-Isopropyl-6-methyl-hepta-3,5-d...	168	C11H20O	1000187-77-8	25
4	Oxirane, 3-[5-(4-azidophenoxy)-3...	287	C16H21N3O2	106929-45-7	25
5	Cycloheptanol, 2-methylene	126	C8H14O	016240-38-3	22

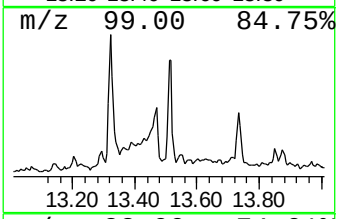


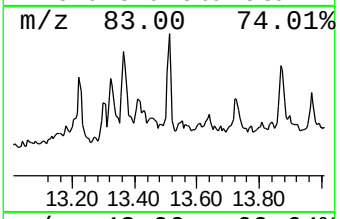


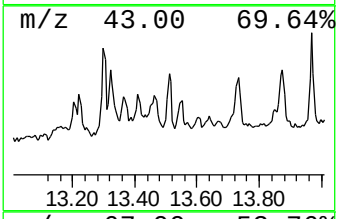


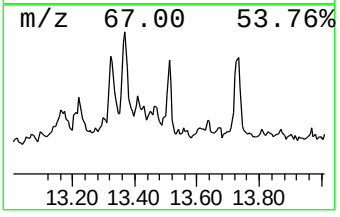












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Instrument : BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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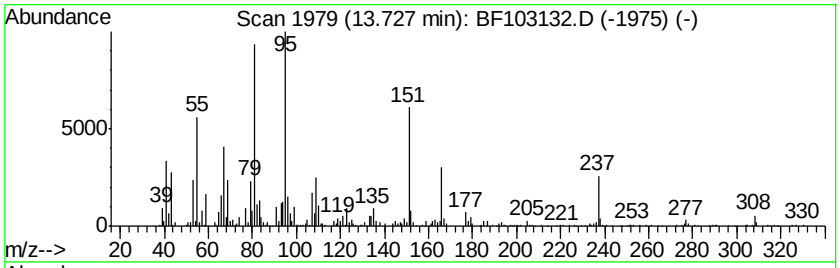
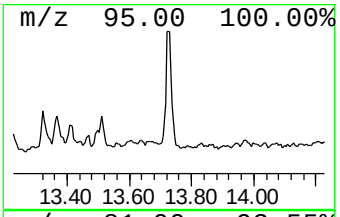
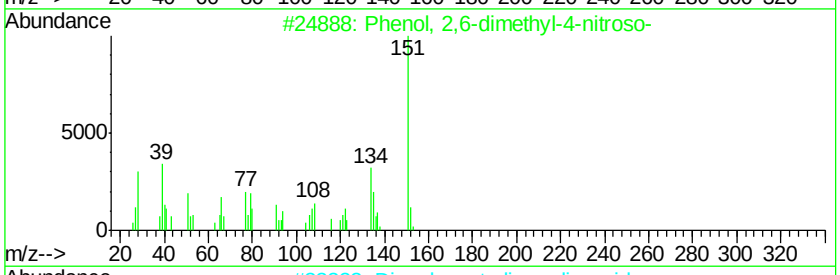
Peak Number 18 unknown13.73 Concentration Rank 8

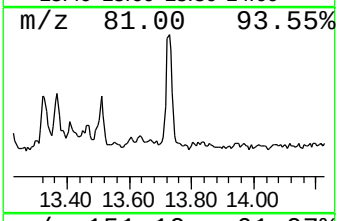
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.73	15.42 ng	662325	Chrysene-d12	14.05

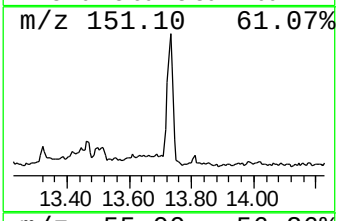
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,6-dimethyl-4-nitroso-	151	C8H9NO2	013331-93-6	35
2	Dicyclopentadiene diepoxide	164	C10H12O2	000081-21-0	30
3	Methyl 2-octylcyclopropene-1-oct...	308	C20H36O2	003220-60-8	20
4	Guanine	151	C5H5N5O	000073-40-5	11
5	1,7,7-Trimethylbicyclo[2.2.1]hep...	154	C10H18O	010385-78-1	11

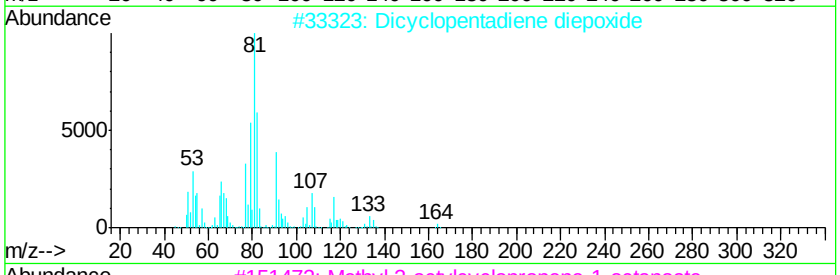


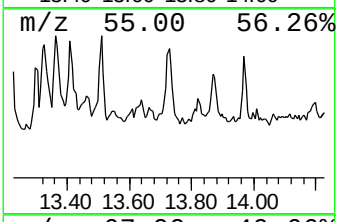


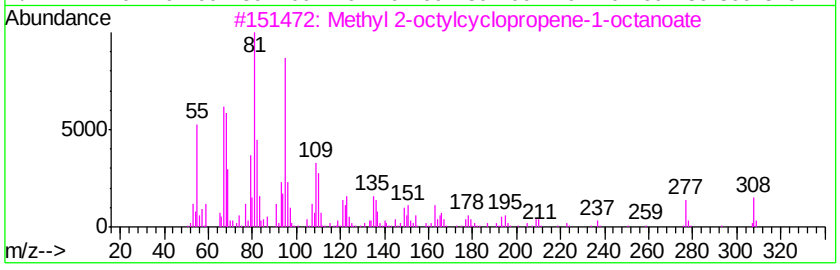


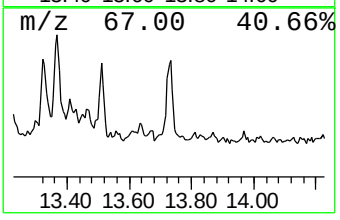












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Sample : J1404-05
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ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-05-022018

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.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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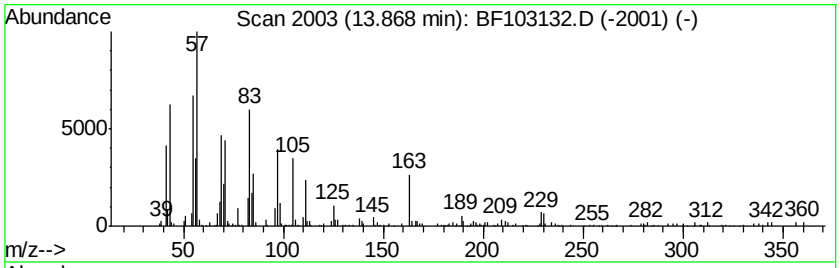
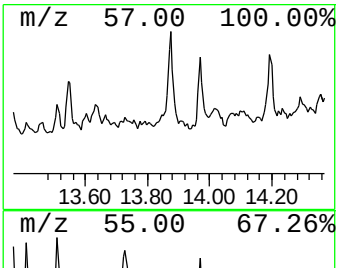
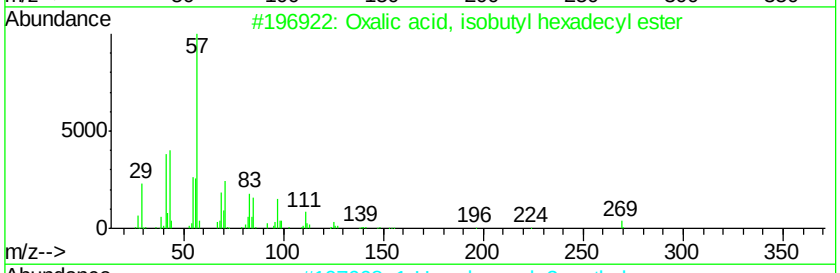
Peak Number 19 Oxalic acid, isobutyl hexad... Concentration Rank 17

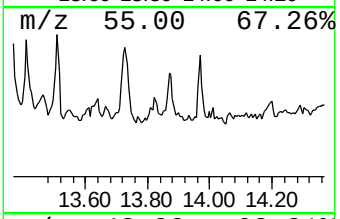
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.87	4.48 ng	192318	Chrysene-d12	14.05

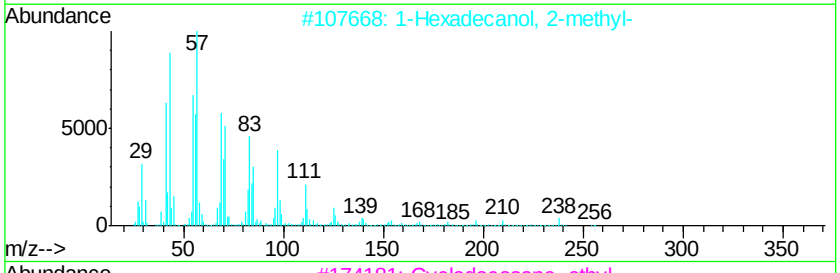
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxalic acid, isobutyl hexadecyl ...	370	C22H42O4	1000309-38-1	68
2	1-Hexadecanol, 2-methyl-	256	C17H36O	002490-48-4	58
3	Cyclodocosane, ethyl-	336	C24H48	1000151-22-6	46
4	Oxalic acid, decyl propyl ester	272	C15H28O4	1000309-26-3	43
5	Carbonic acid, isobutyl octadecy...	370	C23H46O3	1000314-61-5	43

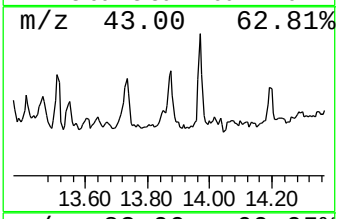


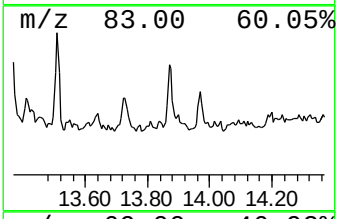


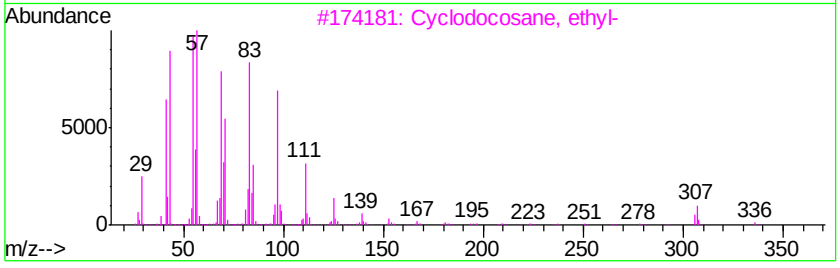


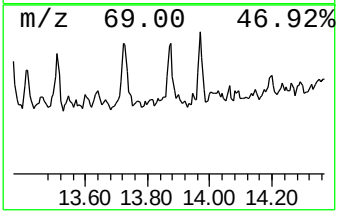












Data Path : Z:\HPCHEM1\BNA F\DATA\BF022118\
Data File : BF103132.D
Acq On : 21 Feb 2018 13:24
Operator : SJ/JU
Sample : J1404-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-05-022018

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

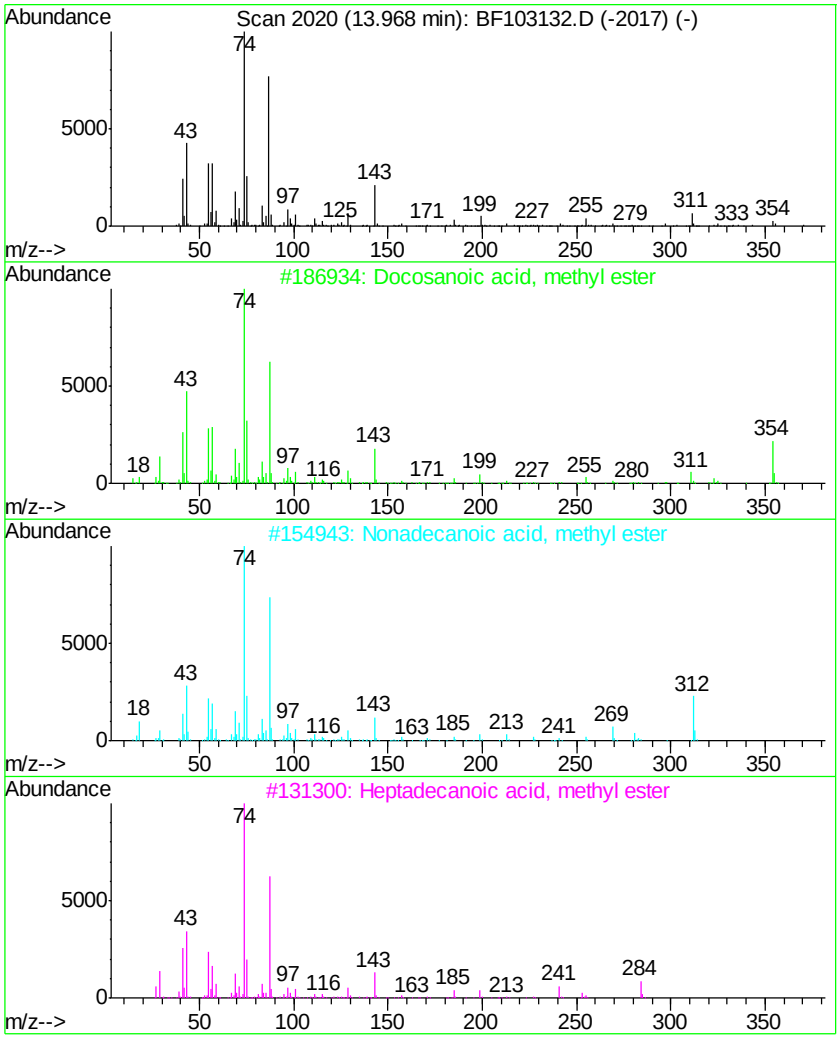
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

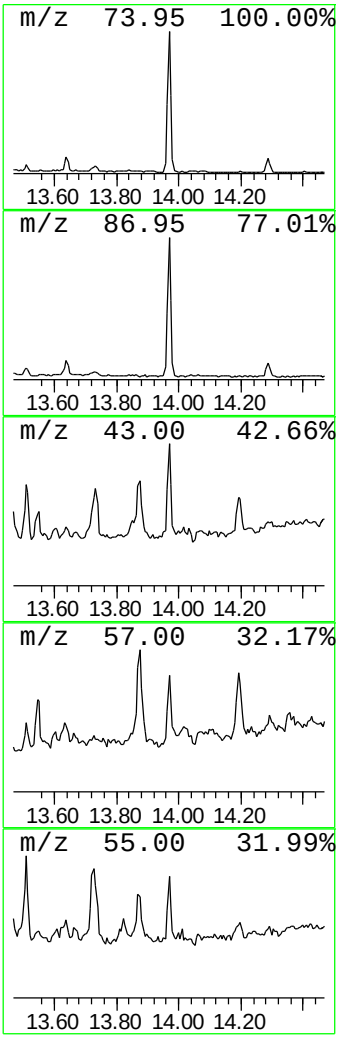
****

Peak Number 20 Docosanoic acid, methyl ester Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.97	7.29 ng	312967	Chrysene-d12	14.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosanoic acid, methyl ester	354	C23H46O2	000929-77-1	96
2	Nonadecanoic acid, methyl ester	312	C20H40O2	001731-94-8	91
3	Heptadecanoic acid, methyl ester	284	C18H36O2	001731-92-6	90
4	Methyl stearate	298	C19H38O2	000112-61-8	86
5	Eicosanoic acid, methyl ester	326	C21H42O2	001120-28-1	86





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022118\
Data File : BF103132.D
Acq On : 21 Feb 2018 13:24
Operator : SJ/JU
Sample : J1404-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-05-022018

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.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...	2.13	23.8	ng	1099160	1	6.87	922613	20.0
unknown6.65	6.65	71.3	ng	3287820	1	6.87	922613	20.0
Nonanoic acid, 9-...	9.49	3.6	ng	187533	3	9.92	1050010	20.0
Silane, trichloro...	10.33	3.9	ng	204639	3	9.92	1050010	20.0
Heptadecane	10.80	5.9	ng	267522	4	11.40	909921	20.0
Pentadecanoic aci...	11.79	120.6	ng	5487900	4	11.40	909921	20.0
n-Hexadecanoic acid	11.92	5.7	ng	258932	4	11.40	909921	20.0
9,12-Octadecadien...	12.49	258.5	ng	11759400	4	11.40	909921	20.0
9-Octadecenoic ac...	12.51	153.7	ng	6994300	4	11.40	909921	20.0
Methyl stearate	12.58	67.0	ng	3049580	4	11.40	909921	20.0
cis-13-Eicosenoic...	13.22	7.8	ng	333615	5	14.05	858981	20.0
Methyl 18-methyln...	13.30	8.1	ng	346465	5	14.05	858981	20.0
unknown13.32	13.32	10.2	ng	438644	5	14.05	858981	20.0
unknown13.37	13.37	9.4	ng	405954	5	14.05	858981	20.0
unknown13.42	13.41	4.5	ng	191871	5	14.05	858981	20.0
unknown13.51	13.51	9.4	ng	403441	5	14.05	858981	20.0
unknown13.73	13.73	15.4	ng	662325	5	14.05	858981	20.0
Oxalic acid, isob...	13.87	4.5	ng	192318	5	14.05	858981	20.0
Docosanoic acid, ...	13.97	7.3	ng	312967	5	14.05	858981	20.0