LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032918\
Data File : BF104049.D
Acq On : 29 Mar 2018 14:30
Operator : JU/SJ
Sample : J1756-11 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-01-032718-A

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-BF032818.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	5.598	593	597	619	rBV	97822	362755	4.76%	1.282%
2	6.598	764	767	787	rBV	133001	480890	6.31%	1.699%
3	6.733	787	790	811	rVB	303591	577691	7.58%	2.041%
4	6.969	826	830	848	rBV	375923	654373	8.58%	2.312%
5	7.116	852	855	868	rVV	312627	424711	5.57%	1.501%
6	7.533	922	926	942	rBV	124966	337397	4.43%	1.192%
7	8.245	1044	1047	1059	rBV	661952	881791	11.57%	3.116%
8	9.316	1225	1229	1237	rBV	626048	718230	9.42%	2.538%
9	9.380	1237	1240	1245	rVB	140171	132170	1.73%	0.467%
10	9.657	1279	1287	1291	rBV8	42220	95539	1.25%	0.338%
11	9.704	1291	1295	1300	rVV3	67643	105566	1.38%	0.373%
12	9.910	1327	1330	1335	rVB	158458	142416	1.87%	0.503%
13	10.004	1342	1346	1351	rBV	961076	936823	12.29%	3.310%
14	10.410	1410	1415	1419	rBV	236645	226923	2.98%	0.802%
15	10.633	1448	1453	1455	rBV	76316	94236	1.24%	0.333%
16	10.798	1477	1481	1489	rBV	281677	396522	5.20%	1.401%
17	10.886	1493	1496	1506	rVB	203813	257397	3.38%	0.910%
18	11.333	1569	1572	1575	rBV	162157	131629	1.73%	0.465%
19	11.498	1597	1600	1603	rBV	709393	819442	10.75%	2.896%
20	11.521	1603	1604	1611	rVB	403611	418624	5.49%	1.479%
21	11.580	1611	1614	1617	rBV	83188	88490	1.16%	0.313%
22	11.763	1642	1645	1648	rVB	136427	102362	1.34%	0.362%
23	11.868	1659	1663	1669	rBV	2620868	2217341	29.08%	7.835%
24	12.004	1682	1686	1688	rBV	116078	132754	1.74%	0.469%
25	12.027	1688	1690	1697	rVB2	100568	122918	1.61%	0.434%
26	12.115	1701	1705	1707	rBV2	117632	139384	1.83%	0.493%
27	12.168	1712	1714	1717	rBV	103382	83320	1.09%	0.294%
28	12.568	1776	1782	1784	rBV	5030015	7623785	100.00%	26.939%
29	12.586	1784	1785	1792	rVV2	4360696	3530924	46.31%	12.477%
30	12.662	1794	1798	1803	rVB	1076345	986570	12.94%	3.486%
31	12.721	1804	1808	1816	rVB	505599	585814	7.68%	2.070%
32	12.933	1841	1844	1845	rBV	158619	148500	1.95%	0.525%
33	12.951	1845	1847	1853	rVV	500119	557891	7.32%	1.971%
34	13.080	1866	1869	1879	rVB	489759	550306	7.22%	1.945%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032918\
Data File : BF104049.D
Acq On : 29 Mar 2018 14:30
Operator : JU/SJ
Sample : J1756-11 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-01-032718-A

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-BF032818.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	13.286	1895	1904	1907	rBV2	105356	234557	3.08%	0.829%
36	13.386	1917	1921	1927	rBV3	156725	181151	2.38%	0.640%
37	13.962	2015	2019	2023	rBV3	92174	112763	1.48%	0.398%
38	14.057	2032	2035	2040	rBV2	94986	119020	1.56%	0.421%
39	14.156	2047	2052	2054	rBV2	698648	911449	11.96%	3.221%
40	14.180	2054	2056	2063	rVB	257274	292626	3.84%	1.034%
41	15.051	2199	2204	2214	rVB	189085	360994	4.74%	1.276%
42	15.245	2233	2237	2239	rBV	145036	232227	3.05%	0.821%
43	15.633	2300	2303	2307	rBV	110201	146062	1.92%	0.516%
44	15.698	2310	2314	2327	rVB	350490	643465	8.44%	2.274%

Sum of corrected areas: 28299798

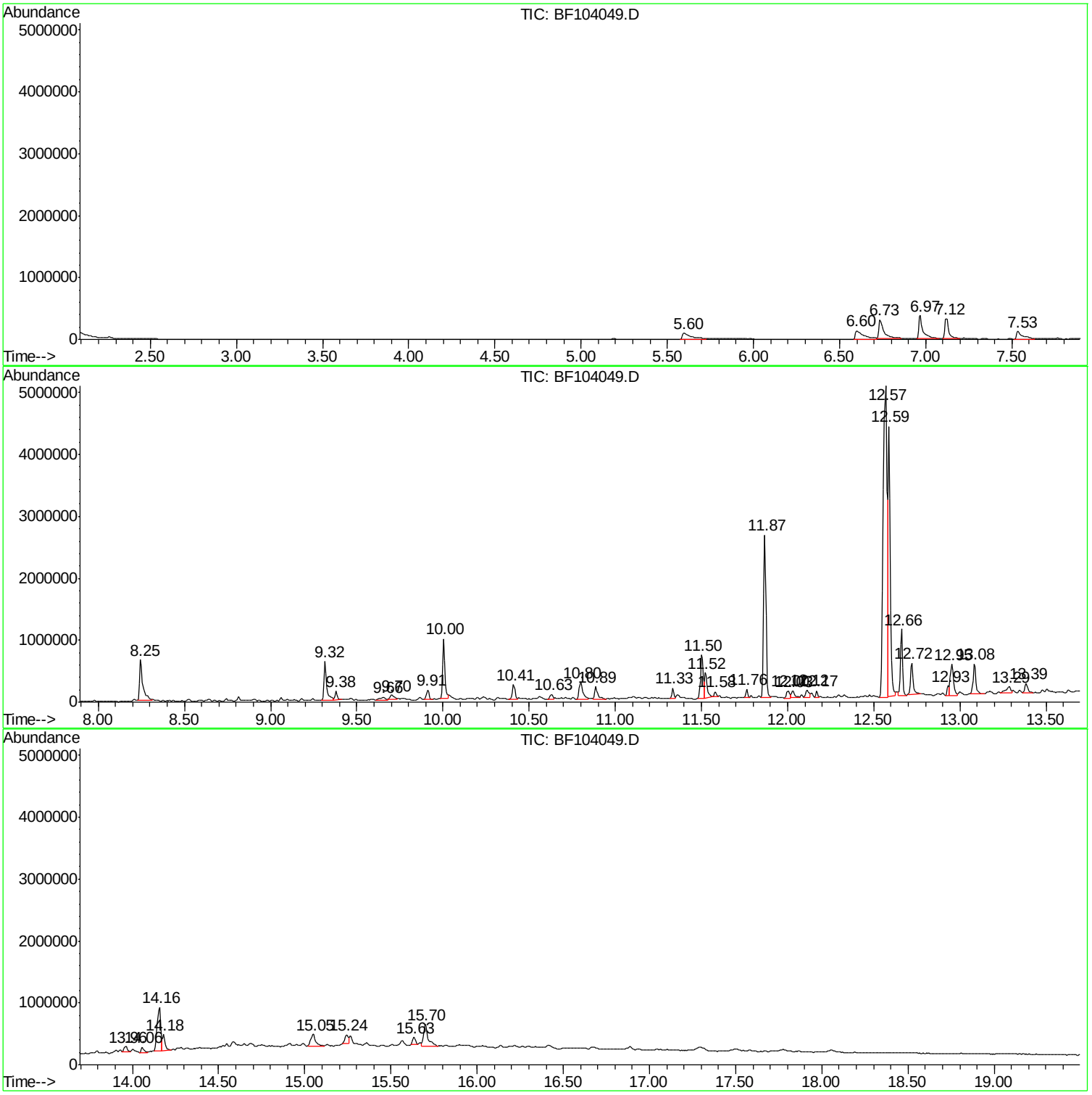
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032918\
Data File : BF104049.D
Acq On : 29 Mar 2018 14:30
Operator : JU/SJ
Sample : J1756-11 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-01-032718-A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032818.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\BF032918\
Data File : BF104049.D
Acq On : 29 Mar 2018 14:30
Operator : JU/SJ
Sample : J1756-11 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-01-032718-A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032818.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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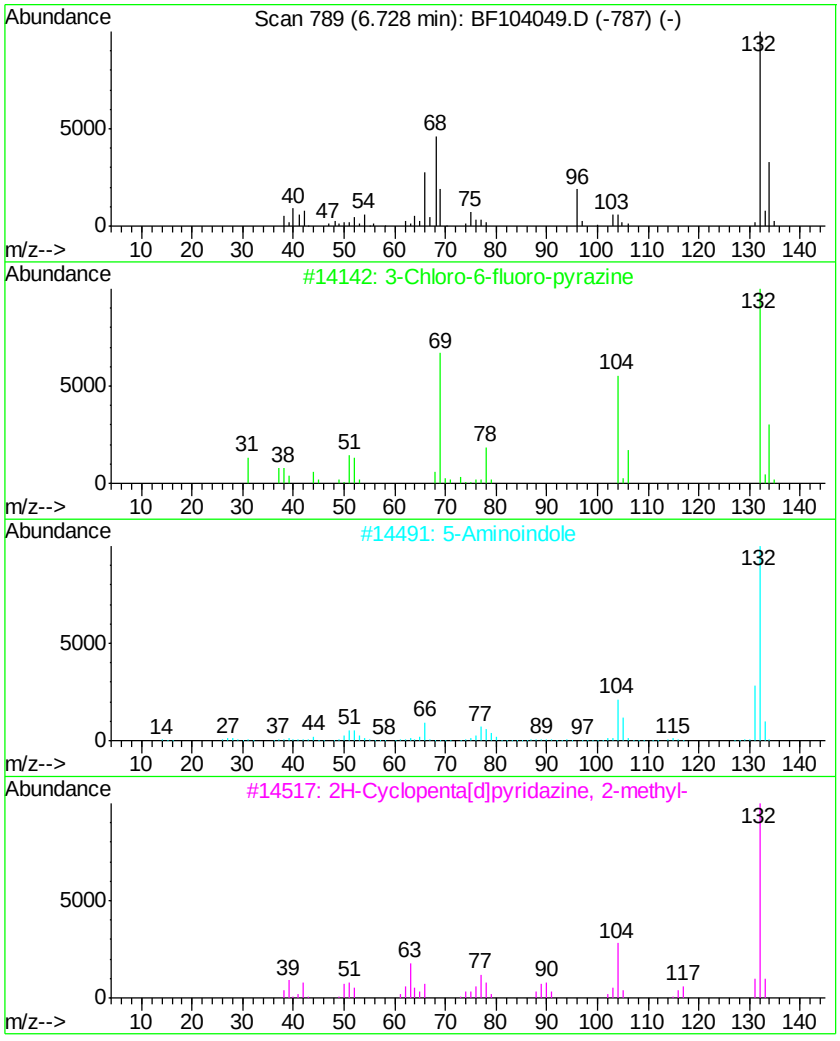
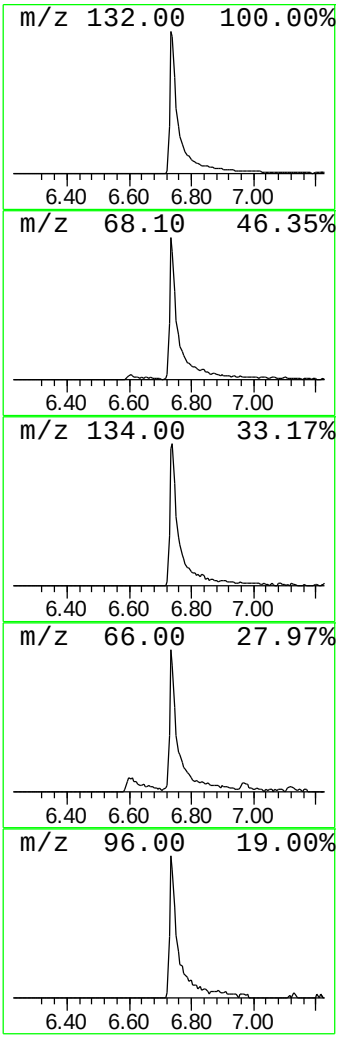
Peak Number 1 unknown6.73 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.73	17.66 ng	577691	1,4-Dichlorobenzene-d4	6.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Aminoindole	132	C8H8N2	005192-03-0	12
3	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9
4	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF032918\
Data File : BF104049.D
Acq On : 29 Mar 2018 14:30
Operator : JU/SJ
Sample : J1756-11 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-01-032718-A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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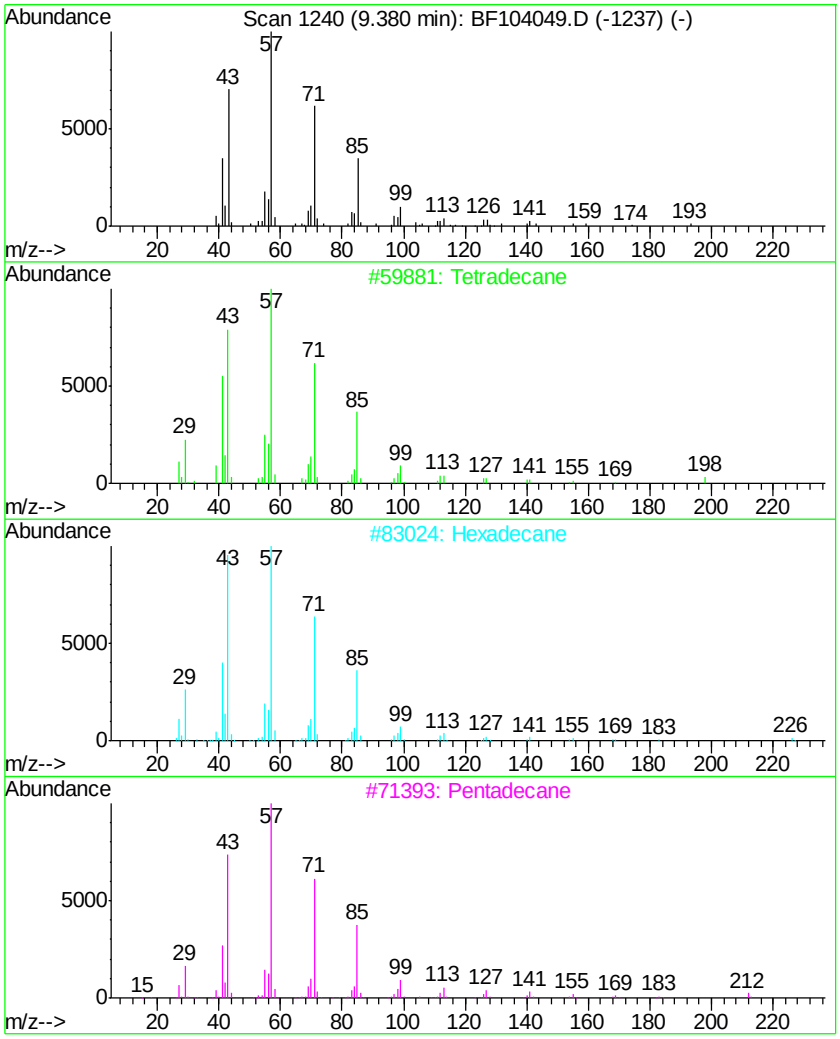
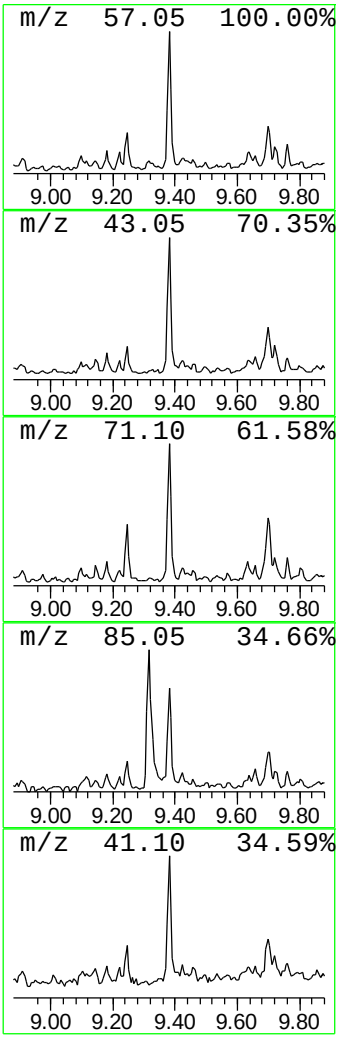
Peak Number 3 Tetradecane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.38	2.82 ng	132170	Acenaphthene-d10	10.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	87
2	Hexadecane	226	C16H34	000544-76-3	86
3	Pentadecane	212	C15H32	000629-62-9	86
4	Tridecane	184	C13H28	000629-50-5	86
5	Eicosane	282	C20H42	000112-95-8	86





Data Path : Z:\HPCHEM1\BNA F\DATA\BF032918\
Data File : BF104049.D
Acq On : 29 Mar 2018 14:30
Operator : JU/SJ
Sample : J1756-11 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-01-032718-A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032818.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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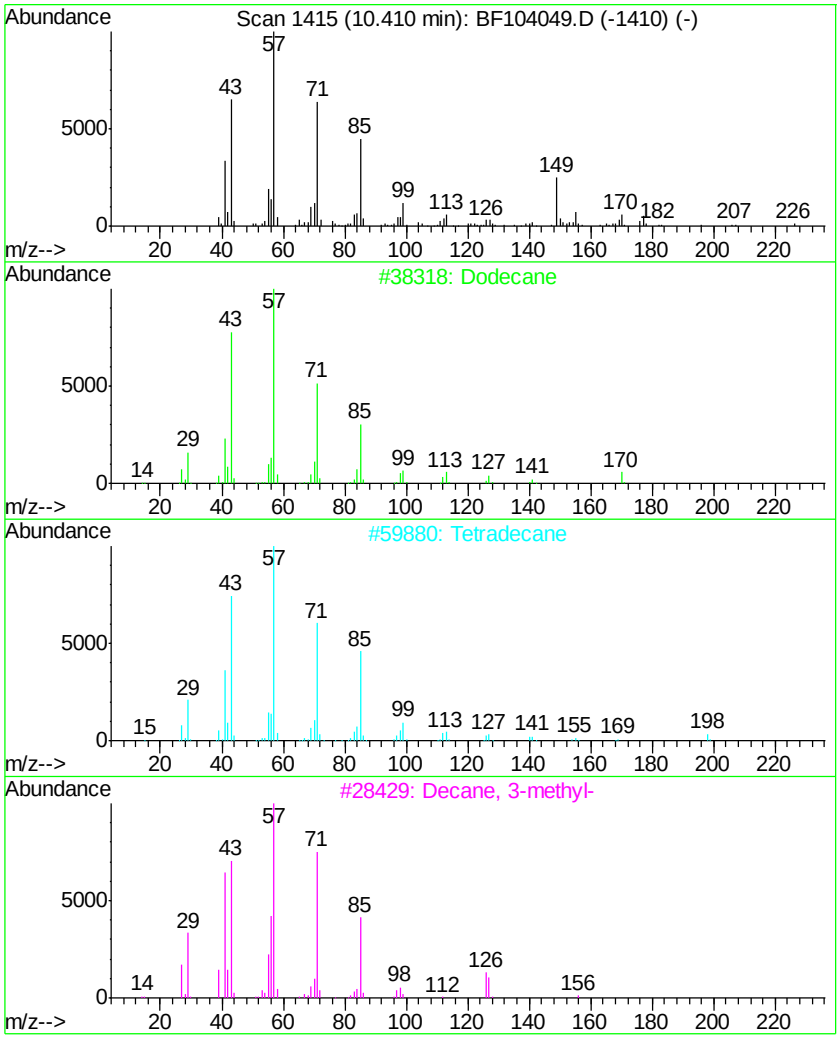
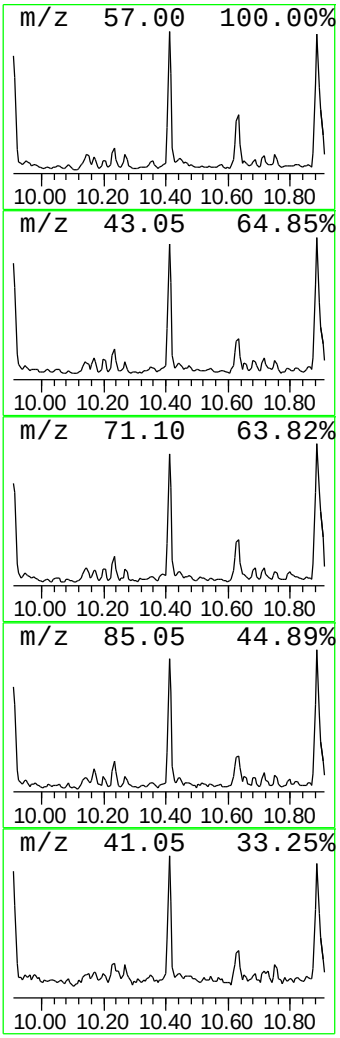
Peak Number 5 Dodecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.41	4.84 ng	226923	Acenaphthene-d10	10.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane	170	C12H26	000112-40-3	60
2	Tetradecane	198	C14H30	000629-59-4	58
3	Decane, 3-methyl-	156	C11H24	013151-34-3	58
4	Hexadecane	226	C16H34	000544-76-3	58
5	Nonadecane	268	C19H40	000629-92-5	58





Data Path : Z:\HPCHEM1\BNA F\DATA\BF032918\
Data File : BF104049.D
Acq On : 29 Mar 2018 14:30
Operator : JU/SJ
Sample : J1756-11 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-01-032718-A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032818.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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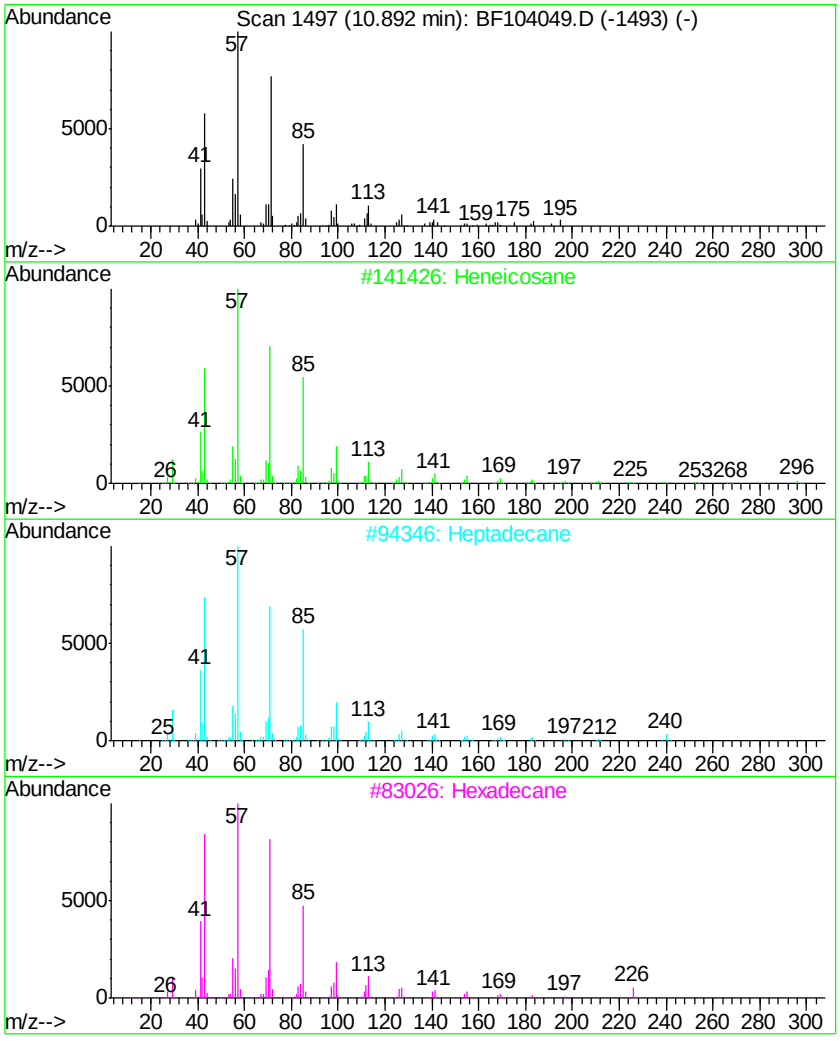
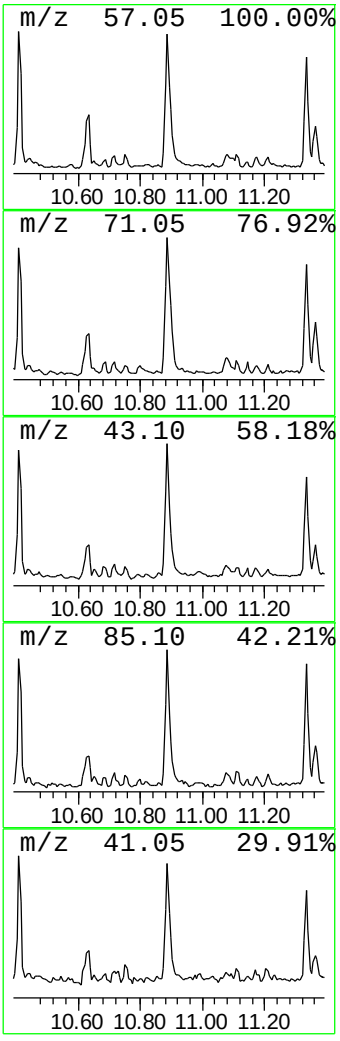
Peak Number 6 Heneicosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.89	6.28 ng	257397	Phenanthrene-d10	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Heptadecane	240	C17H36	000629-78-7	91
3	Hexadecane	226	C16H34	000544-76-3	91
4	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	90
5	Octadecane	254	C18H38	000593-45-3	90





Data Path : Z:\HPCHEM1\BNA F\DATA\BF032918\
Data File : BF104049.D
Acq On : 29 Mar 2018 14:30
Operator : JU/SJ
Sample : J1756-11 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-01-032718-A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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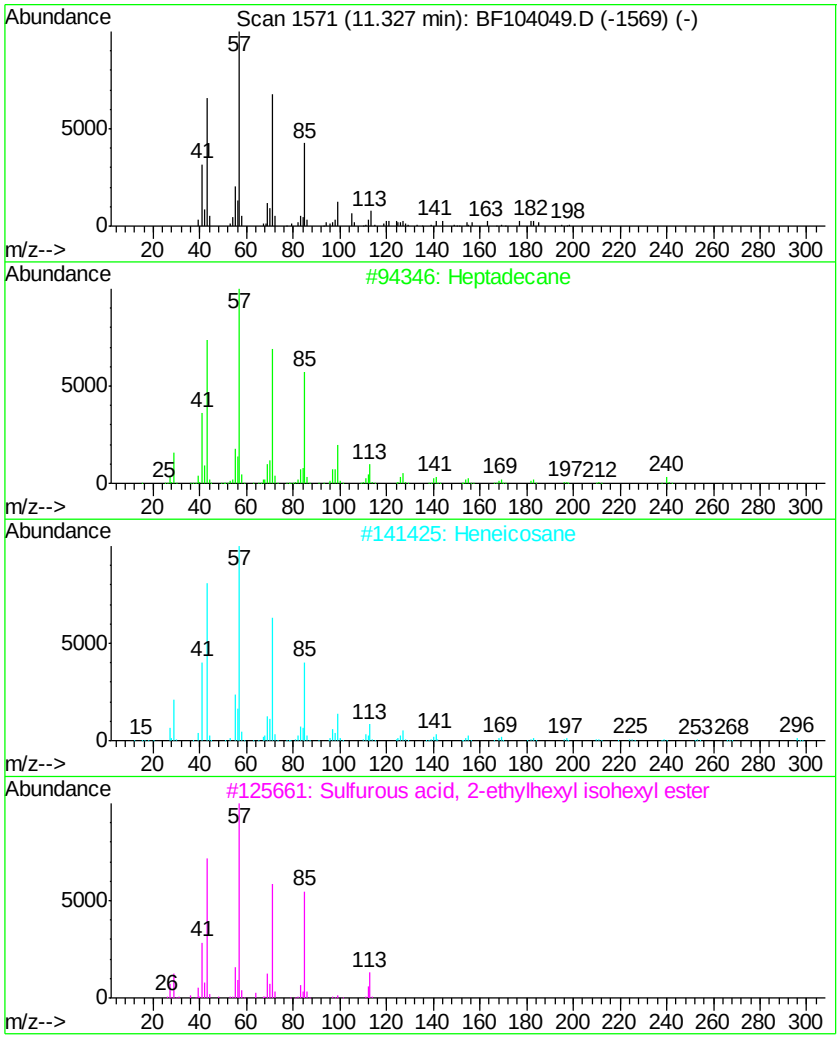
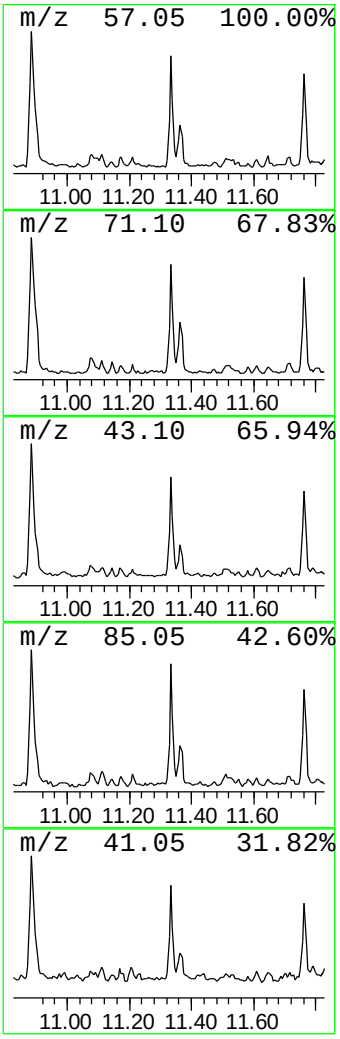
Peak Number 7 Heptadecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.33	3.21 ng	131629	Phenanthrene-d10	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	86
2	Heneicosane	296	C21H44	000629-94-7	74
3	Sulfurous acid, 2-ethylhexyl iso...	278	C14H30O3S	1000309-19-0	72
4	Tetracosane	338	C24H50	000646-31-1	72
5	Heptacosane	380	C27H56	000593-49-7	72





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032918\
Data File : BF104049.D
Acq On : 29 Mar 2018 14:30
Operator : JU/SJ
Sample : J1756-11 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-01-032718-A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032818.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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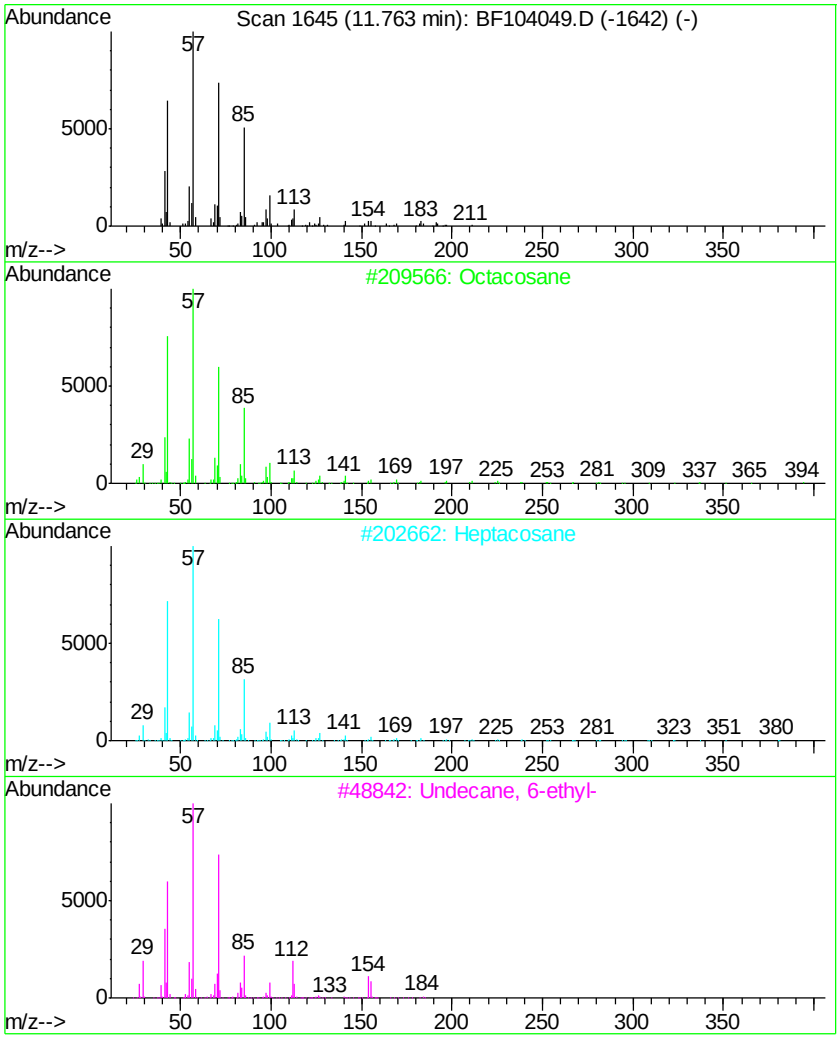
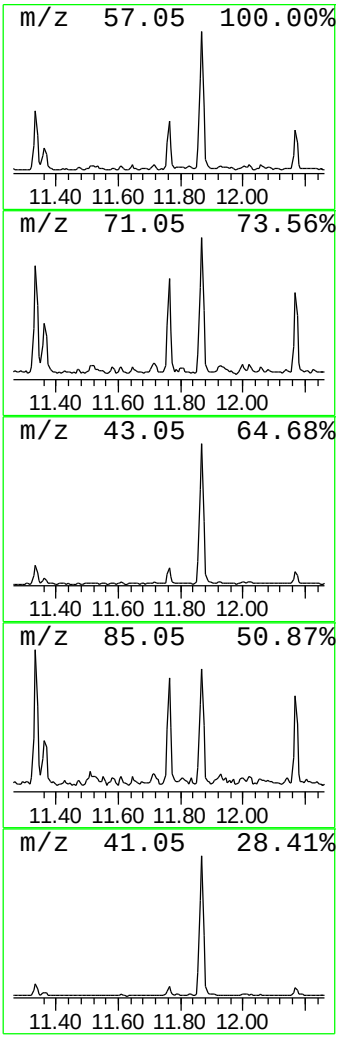
Peak Number 8 Octacosane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.76	2.50 ng	102362	Phenanthrene-d10	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	90
2	Heptacosane	380	C27H56	000593-49-7	80
3	Undecane, 6-ethyl-	184	C13H28	017312-60-6	74
4	Sulfurous acid, 2-ethylhexyl iso...	278	C14H30O3S	1000309-19-0	72
5	Heneicosane	296	C21H44	000629-94-7	68





Data Path : Z:\HPCHEM1\BNA F\DATA\BF032918\
Data File : BF104049.D
Acq On : 29 Mar 2018 14:30
Operator : JU/SJ
Sample : J1756-11 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-01-032718-A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032818.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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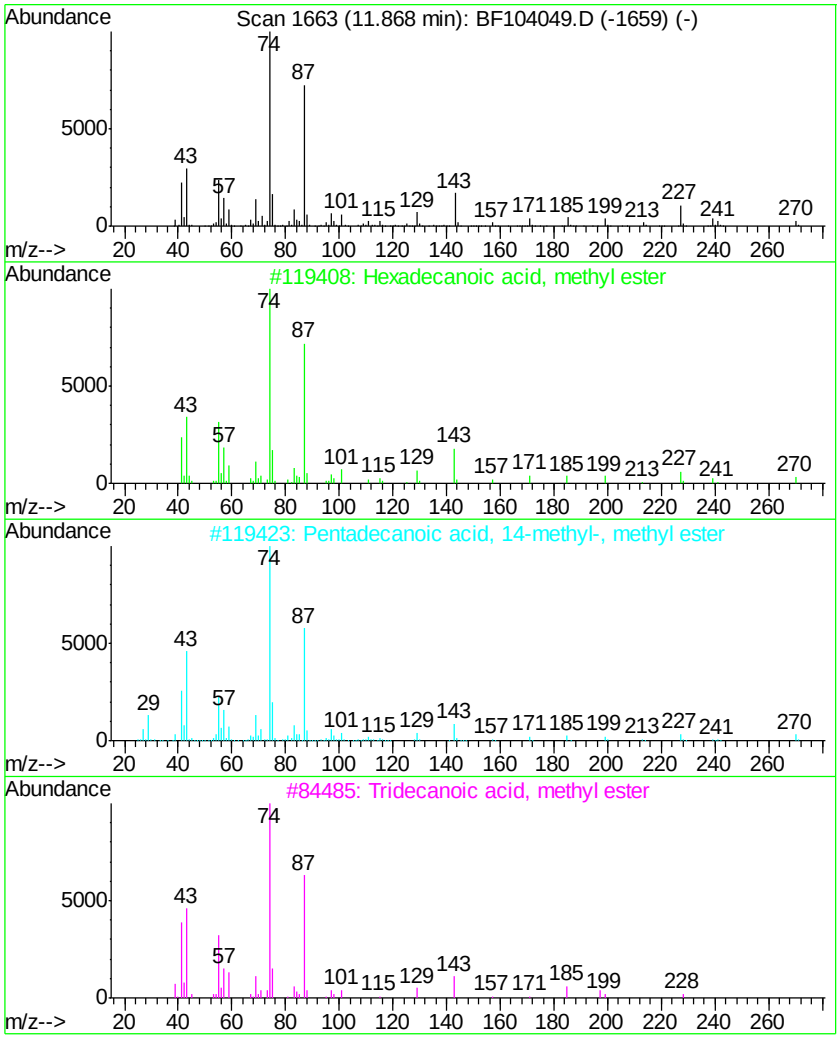
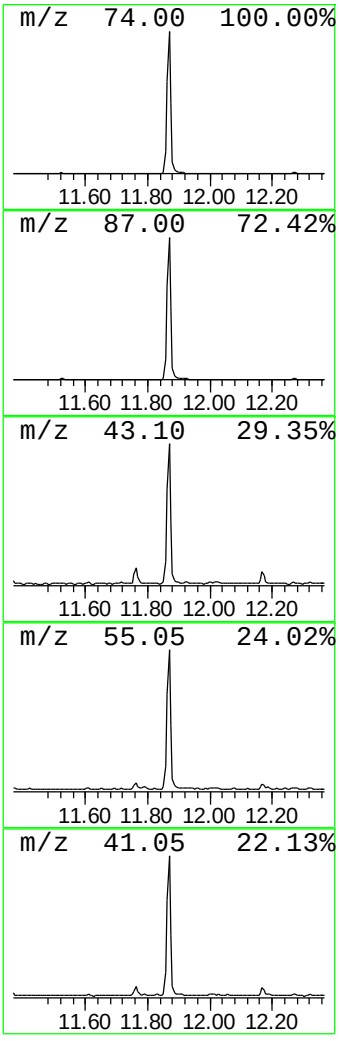
Peak Number 9 Hexadecanoic acid, methyl e... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.87	54.12 ng	2217340	Phenanthrene-d10	11.50

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	96
3	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	90
4	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	86
5	Hexadecanoic acid, 15-methyl-, m...	284	C18H36O2	006929-04-0	83





Data Path : Z:\HPCHEM1\BNA F\DATA\BF032918\
Data File : BF104049.D
Acq On : 29 Mar 2018 14:30
Operator : JU/SJ
Sample : J1756-11 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-01-032718-A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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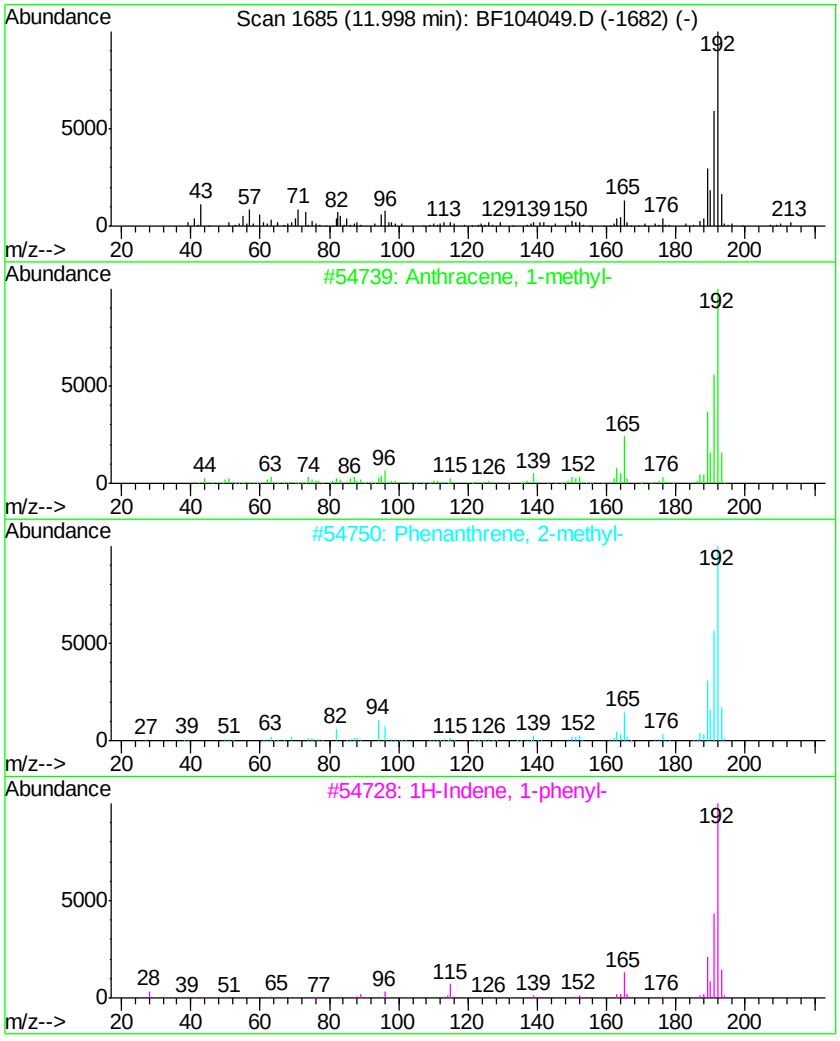
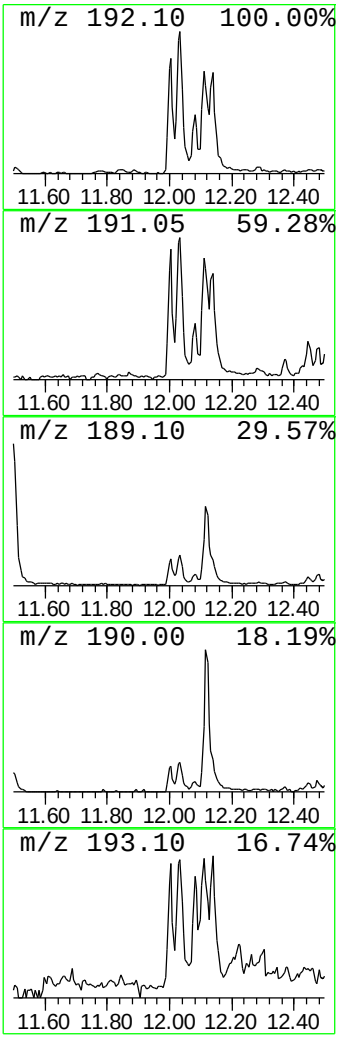
Peak Number 10 Anthracene, 1-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.00	3.24 ng	132754	Phenanthrene-d10	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
3	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	93
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93





Data Path : Z:\HPCHEM1\BNA F\DATA\BF032918\
Data File : BF104049.D
Acq On : 29 Mar 2018 14:30
Operator : JU/SJ
Sample : J1756-11 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-01-032718-A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032818.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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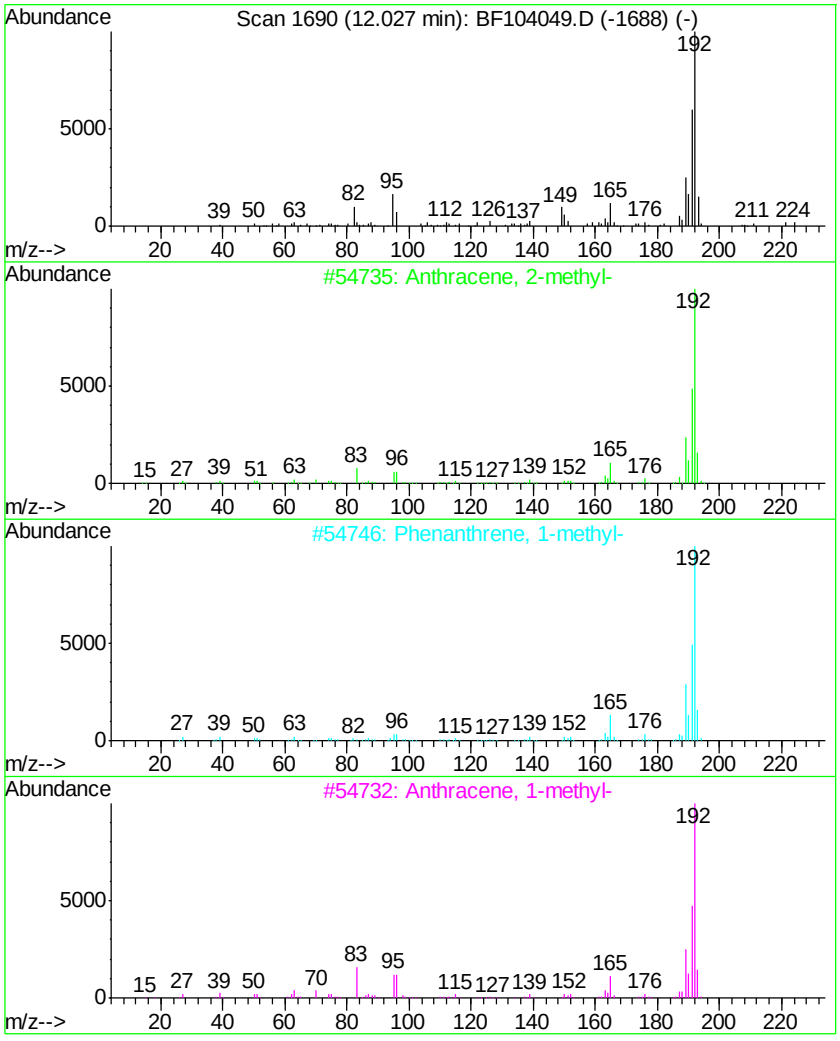
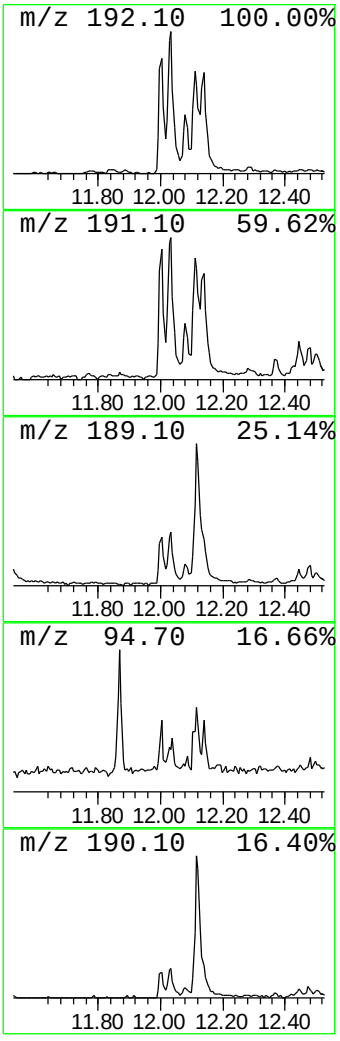
Peak Number 11 Anthracene, 2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.03	3.00 ng	122918	Phenanthrene-d10	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	90
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	90
5	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	81





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Data File : BF104049.D
Acq On : 29 Mar 2018 14:30
Operator : JU/SJ
Sample : J1756-11 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-01-032718-A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

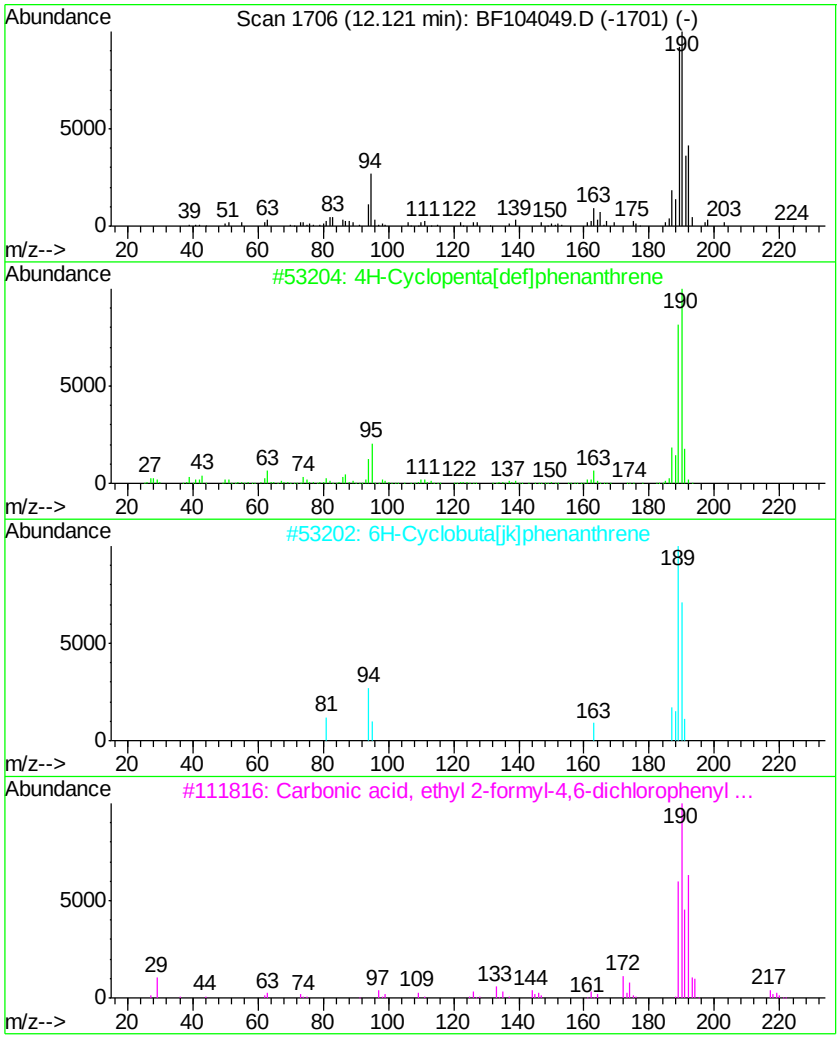
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

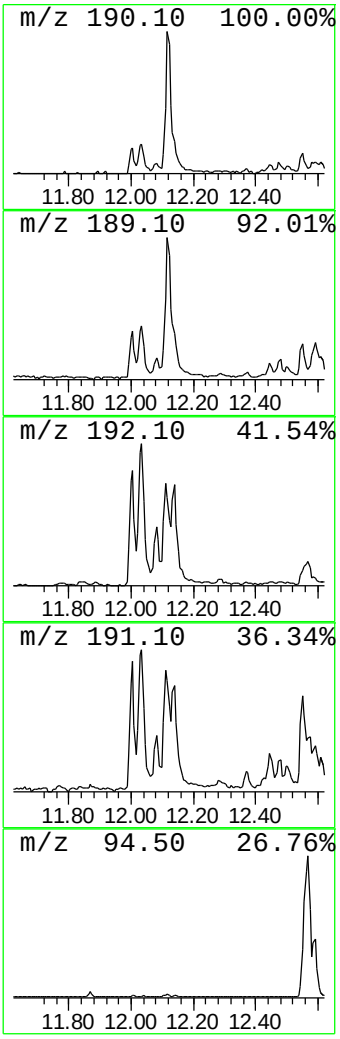
****

Peak Number 12 4H-Cyclopenta[def]phenanthrene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.12	3.40 ng	139384	Phenanthrene-d10	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	58
3	Carbonic acid, ethyl 2-formyl-4,...	262	C10H8Cl2O4	1000331-34-4	38
4	Propyne, 1,3-diphenyl-	192	C15H12	004980-70-5	14
5	Naphtho[1,2-b]norbornadiene	192	C15H12	1000210-14-8	14





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Acq On : 29 Mar 2018 14:30
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Sample : J1756-11 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-01-032718-A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

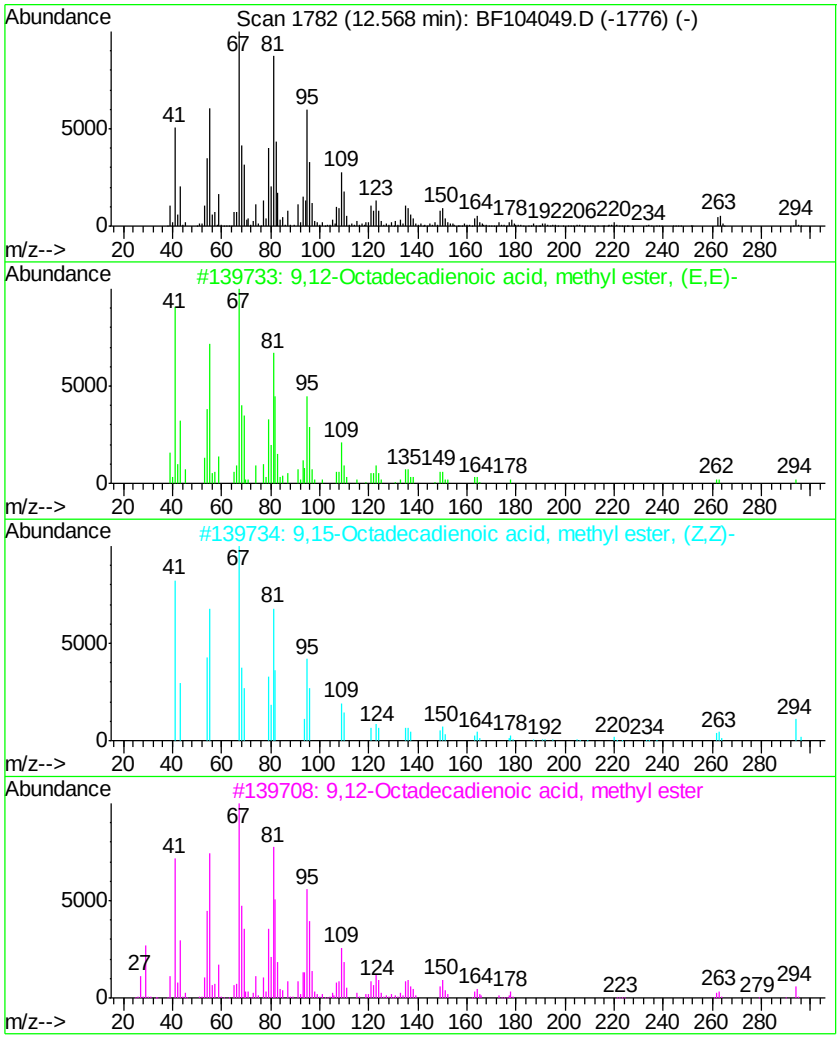
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

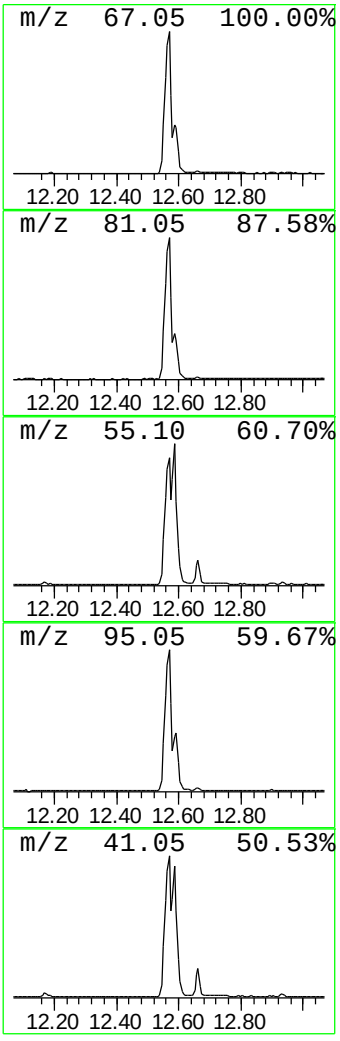
****

Peak Number 13 9,12-Octadecadienoic acid, ... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.57	186.07 ng	7623790	Phenanthrene-d10	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
2	9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	99
3	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99
4	10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	98
5	Methyl 9-cis,11-trans-octadecadi...	294	C19H34O2	1000336-44-0	96





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ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-01-032718-A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

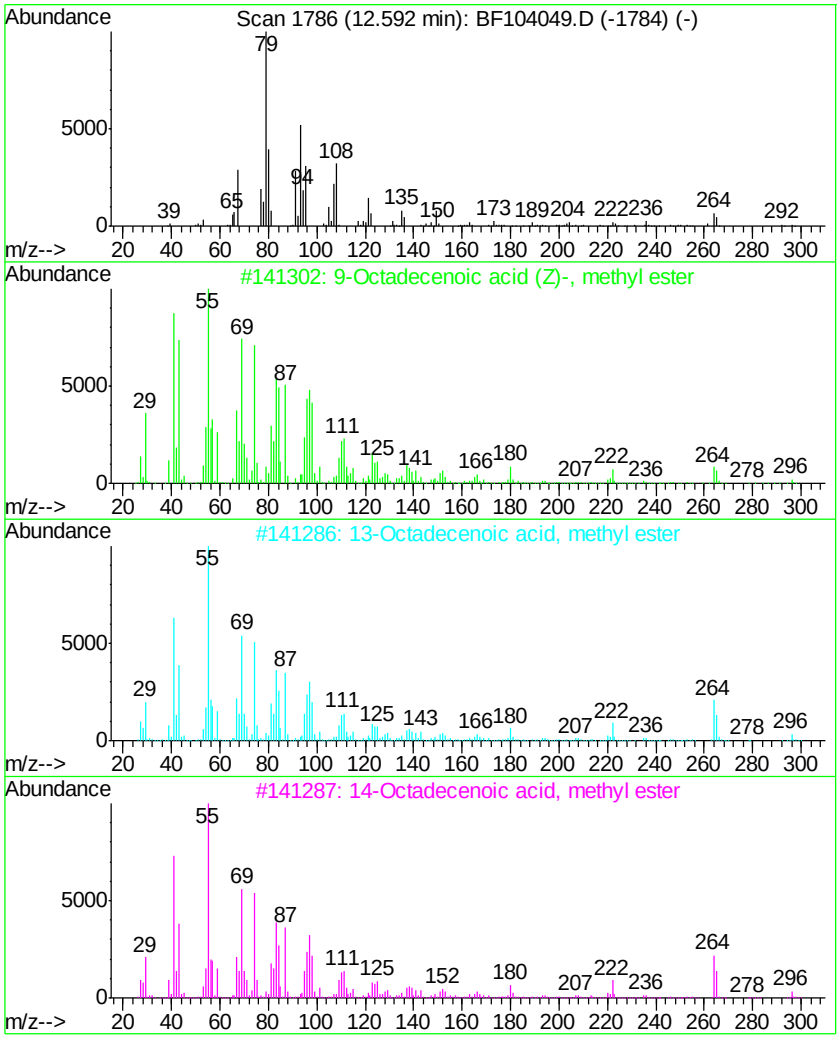
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

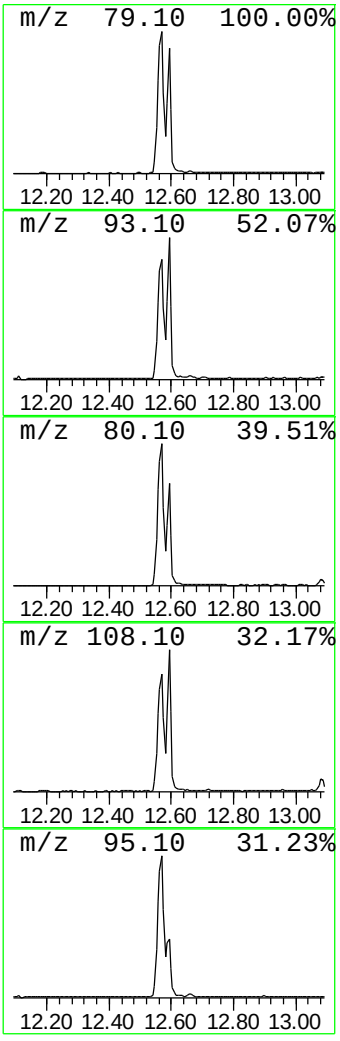
****

Peak Number 14 9-Octadecenoic acid (Z)-, m... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.59	86.18 ng	3530920	Phenanthrene-d10	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	99
2	13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	99
3	14-Octadecenoic acid, methyl ester	296	C19H36O2	056554-48-4	99
4	15-Octadecenoic acid, methyl ester	296	C19H36O2	004764-72-1	96
5	12-Octadecenoic acid, methyl ester	296	C19H36O2	056554-46-2	96





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Operator : JU/SJ
Sample : J1756-11 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-01-032718-A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032818.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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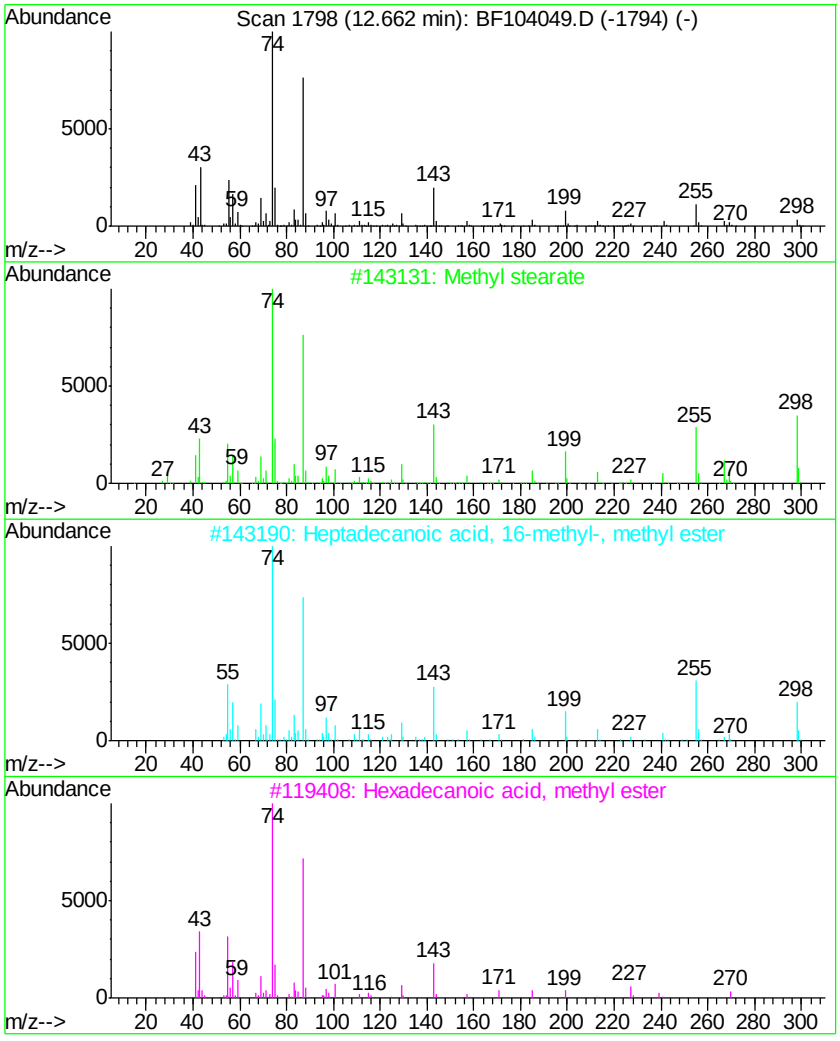
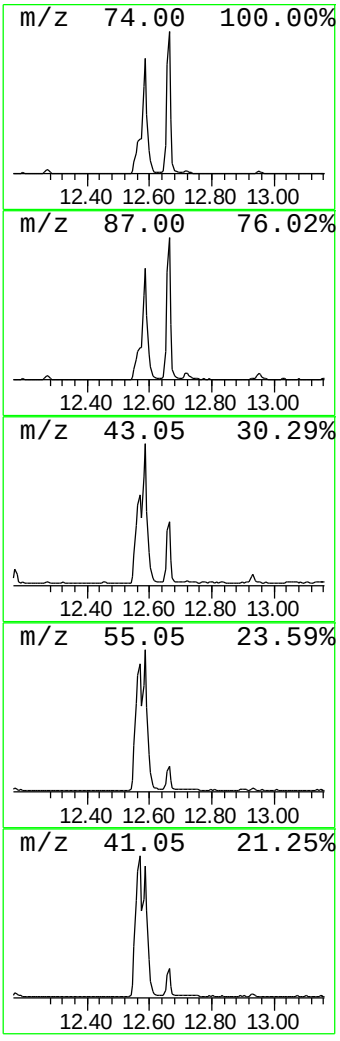
Peak Number 15 Methyl stearate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.66	24.08 ng	986570	Phenanthrene-d10	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl stearate	298	C19H38O2	000112-61-8	99
2	Heptadecanoic acid, 16-methyl-, ...	298	C19H38O2	005129-61-3	91
3	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	87
4	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	87
5	Heptadecanoic acid, methyl ester	284	C18H36O2	001731-92-6	86





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032918\
Data File : BF104049.D
Acq On : 29 Mar 2018 14:30
Operator : JU/SJ
Sample : J1756-11 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-01-032718-A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

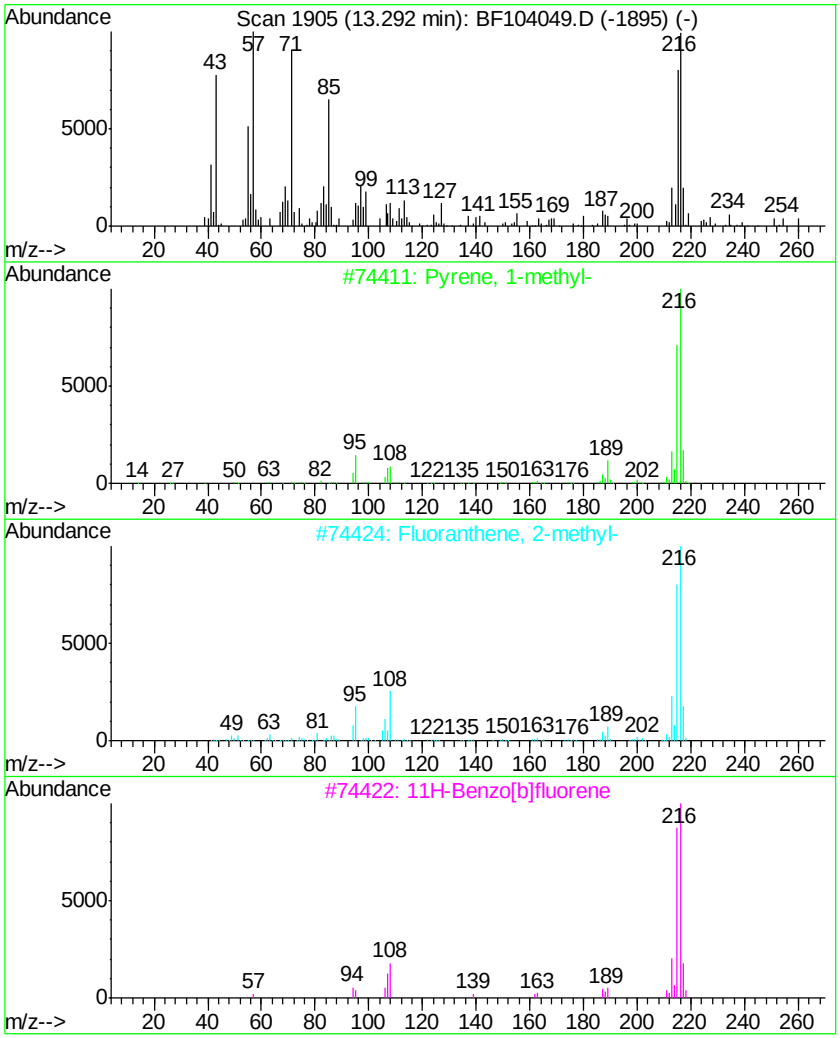
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

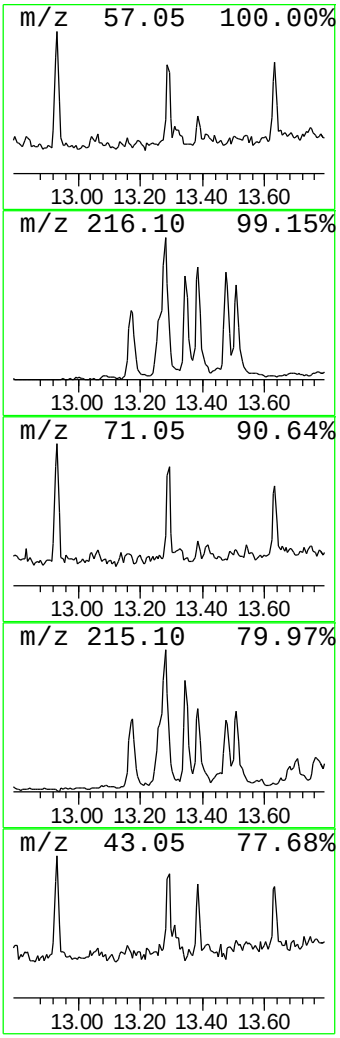
****

Peak Number 16 Pyrene, 1-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.29	5.15 ng	234557	Chrysene-d12	14.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	89
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	83
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	83
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	64
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	58





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Acq On : 29 Mar 2018 14:30
Operator : JU/SJ
Sample : J1756-11 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-01-032718-A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

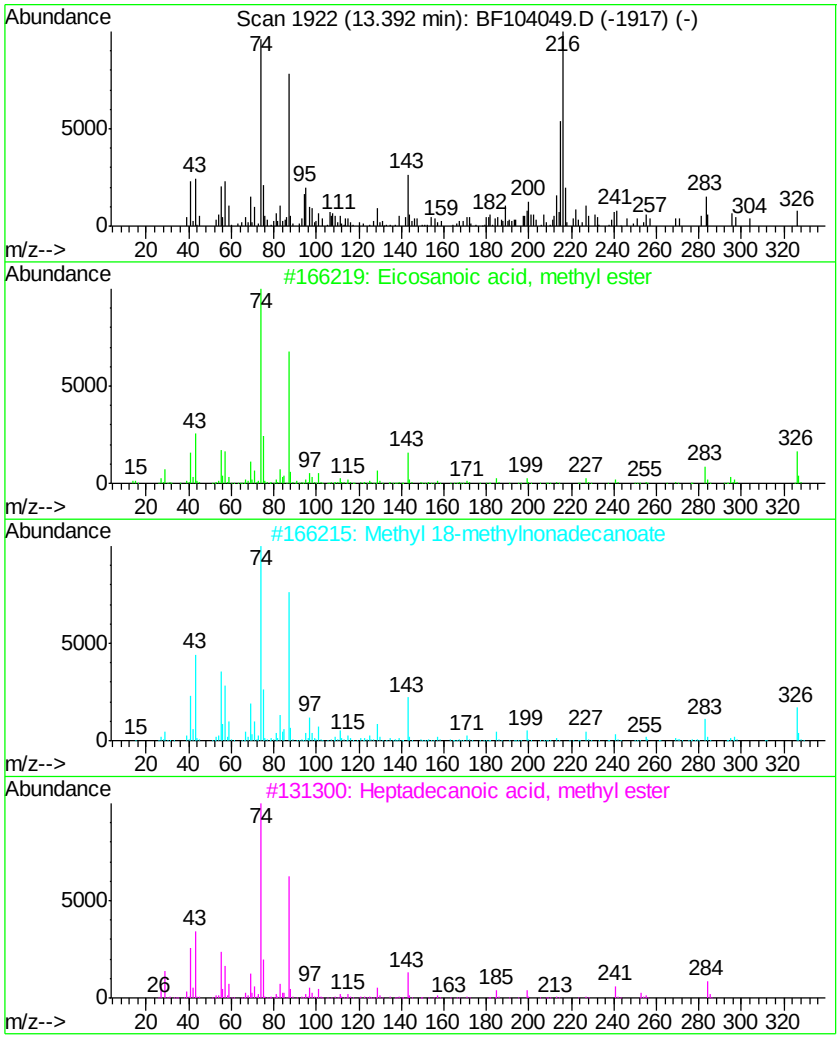
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

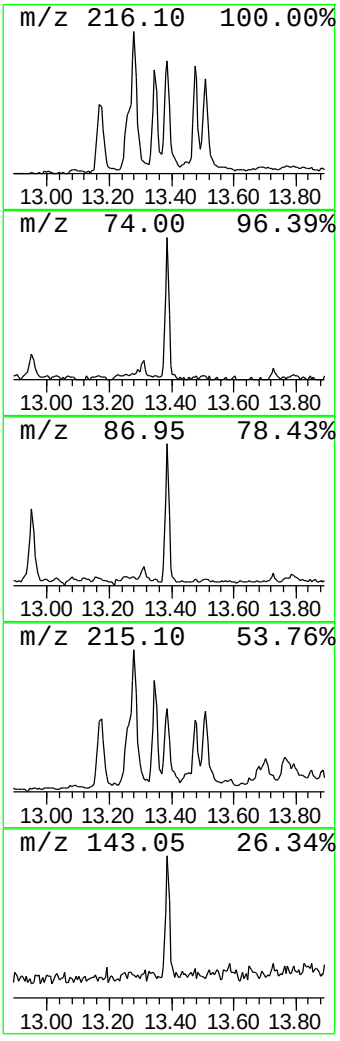
****

Peak Number 17 Eicosanoic acid, methyl ester Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.39	3.98 ng	181151	Chrysene-d12	14.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosanoic acid, methyl ester	326	C21H42O2	001120-28-1	95
2	Methyl 18-methylnonadecanoate	326	C21H42O2	1000352-20-6	92
3	Heptadecanoic acid, methyl ester	284	C18H36O2	001731-92-6	91
4	Pyrene, 4-methyl-	216	C17H12	003353-12-6	91
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	72





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Data File : BF104049.D
Acq On : 29 Mar 2018 14:30
Operator : JU/SJ
Sample : J1756-11 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-01-032718-A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

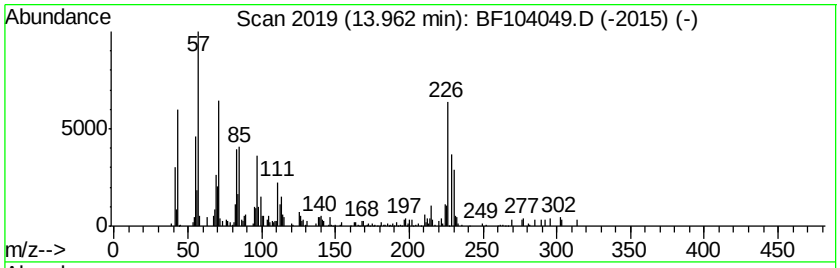
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

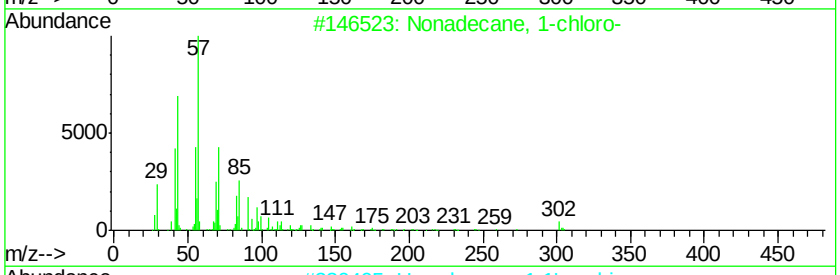
****

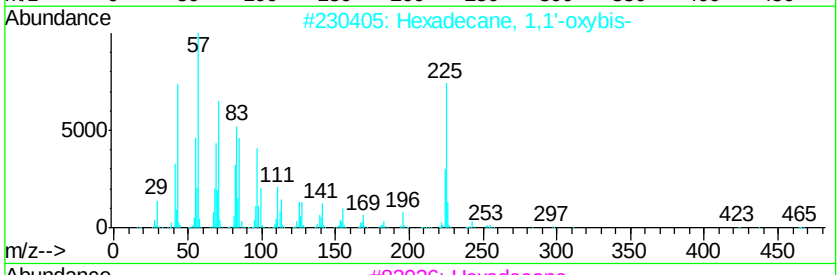
Peak Number 18 Nonadecane, 1-chloro- Concentration Rank 20

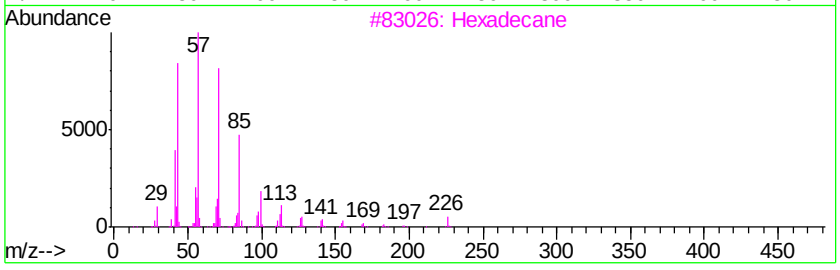
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.96	2.47 ng	112763	Chrysene-d12	14.16

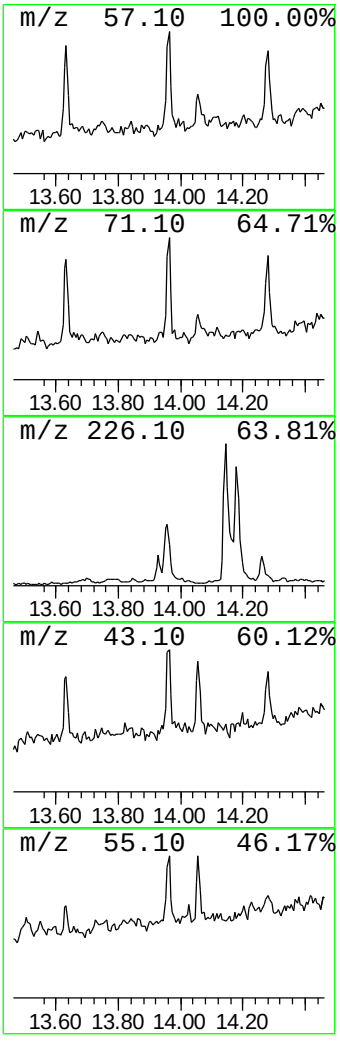
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane, 1-chloro-	302	C19H39Cl	062016-76-6	60
2	Hexadecane, 1,1'-oxybis-	467	C32H66O	004113-12-6	50
3	Hexadecane	226	C16H34	000544-76-3	50
4	1-Decanol, 2-octyl-	270	C18H38O	045235-48-1	49
5	Ethanol, 2-(octadecyloxy)-	314	C20H42O2	002136-72-3	47











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Data File : BF104049.D
Acq On : 29 Mar 2018 14:30
Operator : JU/SJ
Sample : J1756-11 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-01-032718-A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

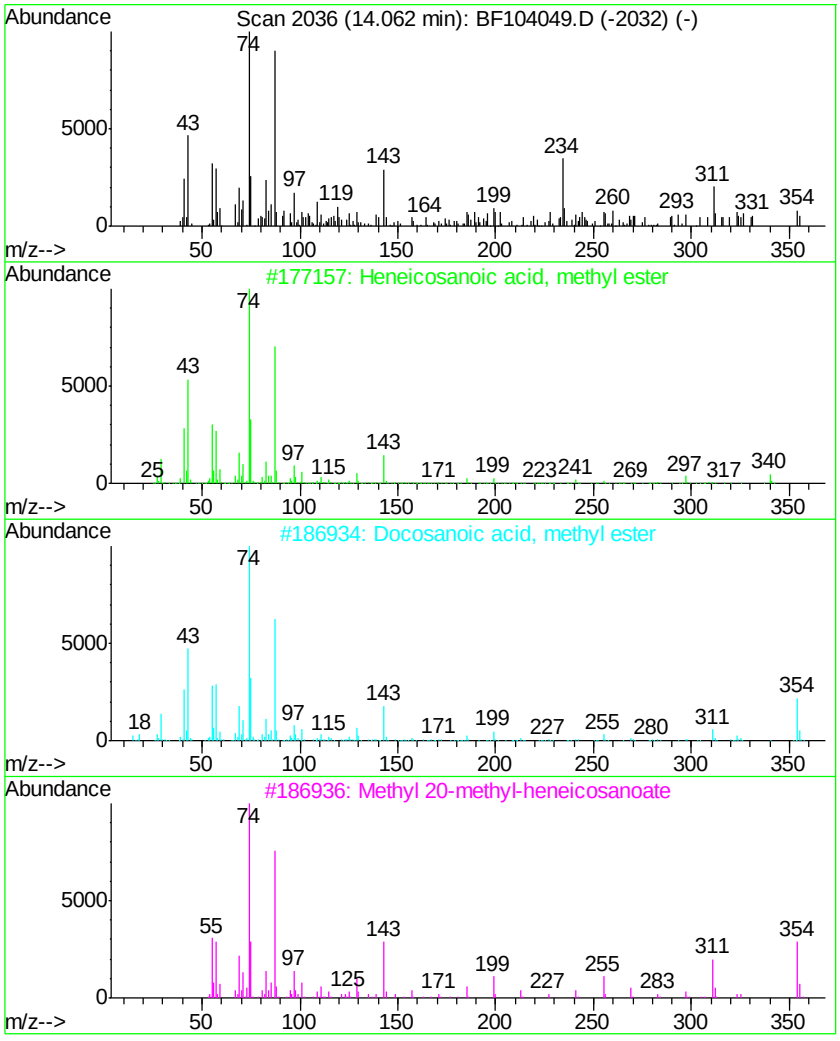
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

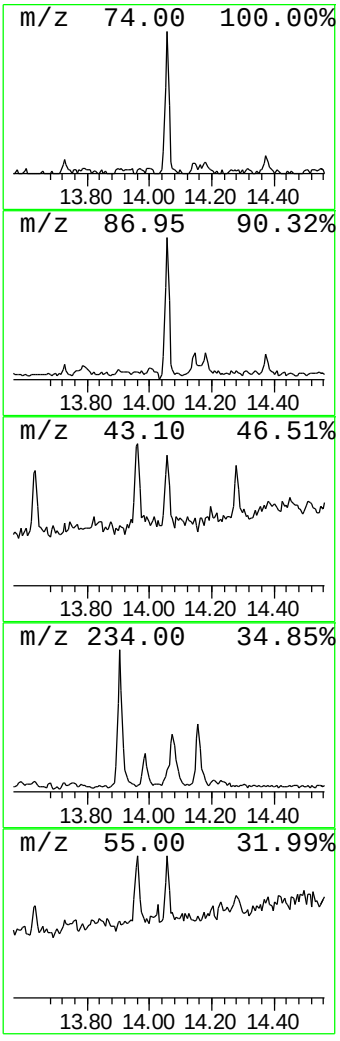
****

Peak Number 19 Heneicosanoic acid, methyl ... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.06	2.61 ng	119020	Chrysene-d12	14.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosanoic acid, methyl ester	340	C22H44O2	006064-90-0	95
2	Docosanoic acid, methyl ester	354	C23H46O2	000929-77-1	93
3	Methyl 20-methyl-heneicosanoate	354	C23H46O2	1000336-47-4	93
4	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	89
5	Methyl 18-methylnonadecanoate	326	C21H42O2	1000352-20-6	87





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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032818.M
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TIC Integration Parameters: LSCINT.P

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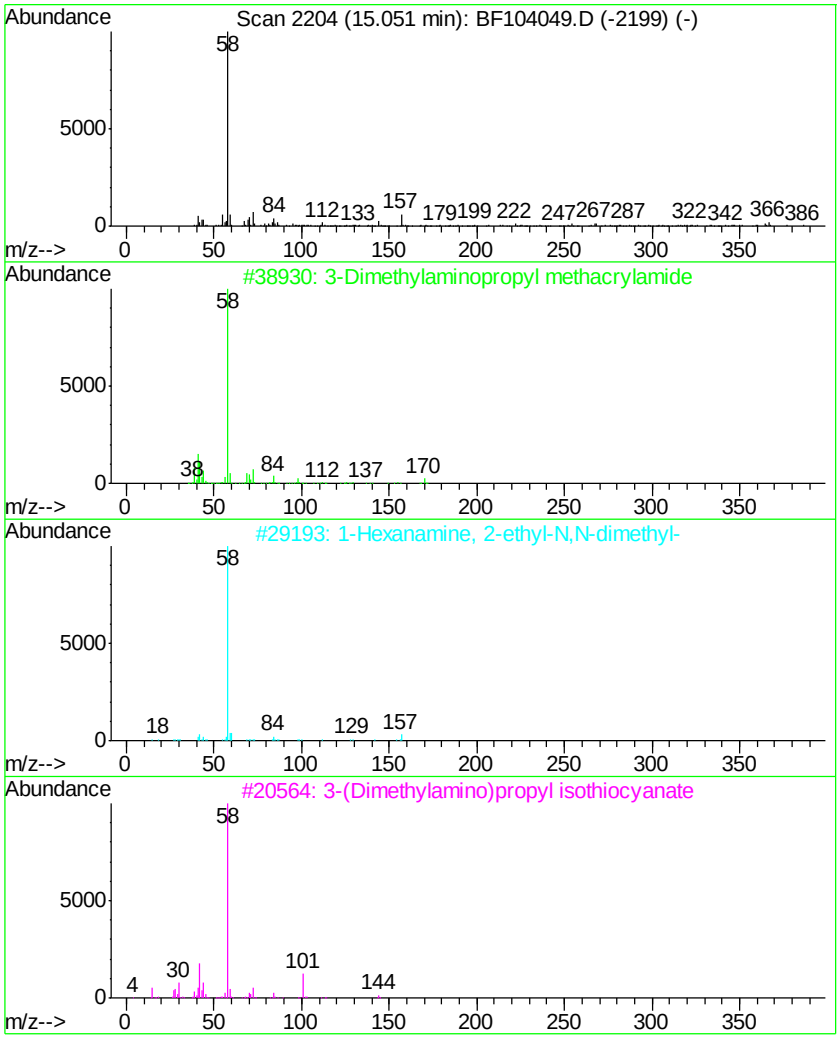
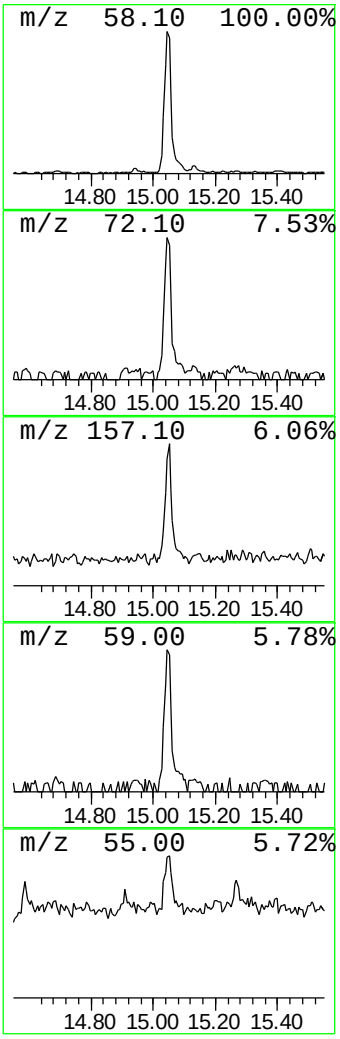
Peak Number 20 3-Dimethylaminopropyl metha... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.05	11.22 ng	360994	Perylene-d12	15.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Dimethylaminopropyl methacryla...	170	C9H18N2O	005205-93-6	64
2	1-Hexanamine, 2-ethyl-N,N-dimethyl-	157	C10H23N	028056-87-3	64
3	3-(Dimethylamino)propyl isothioc...	144	C6H12N2S	027421-70-1	64
4	N,N-Dimethyloctylamine	157	C10H23N	007378-99-6	64
5	2-Propanol, 1-(dimethylamino)-, ...	145	C7H15NO2	032188-28-6	59





Tentatively Identified Compound (LSC) summary

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Data File : BF104049.D
Acq On : 29 Mar 2018 14:30
Operator : JU/SJ
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Misc :
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown6.73	6.73	17.7	ng	577691	1	6.97	654373	20.0
Tetradecane	9.38	2.8	ng	132170	3	10.00	936823	20.0
Dodecane	10.41	4.8	ng	226923	3	10.00	936823	20.0
Heneicosane	10.89	6.3	ng	257397	4	11.50	819442	20.0
Heptadecane	11.33	3.2	ng	131629	4	11.50	819442	20.0
Octacosane	11.76	2.5	ng	102362	4	11.50	819442	20.0
Hexadecanoic acid...	11.87	54.1	ng	2217340	4	11.50	819442	20.0
Anthracene, 1-met...	12.00	3.2	ng	132754	4	11.50	819442	20.0
Anthracene, 2-met...	12.03	3.0	ng	122918	4	11.50	819442	20.0
4H-Cyclopenta[def...	12.12	3.4	ng	139384	4	11.50	819442	20.0
9,12-Octadecadien...	12.57	186.1	ng	7623790	4	11.50	819442	20.0
9-Octadecenoic ac...	12.59	86.2	ng	3530920	4	11.50	819442	20.0
Methyl stearate	12.66	24.1	ng	986570	4	11.50	819442	20.0
Pyrene, 1-methyl-	13.29	5.2	ng	234557	5	14.16	911449	20.0
Eicosanoic acid, ...	13.39	4.0	ng	181151	5	14.16	911449	20.0
Nonadecane, 1-chl...	13.96	2.5	ng	112763	5	14.16	911449	20.0
Heneicosanoic aci...	14.06	2.6	ng	119020	5	14.16	911449	20.0
3-Dimethylaminopr...	15.05	11.2	ng	360994	6	15.70	643465	20.0