LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092418\
Data File : BF109277.D
Acq On : 24 Sep 2018 19:29
Operator : JU/SJ
Sample : J4770-17 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-02-092118-I

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-BF092218.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	5.310	544	548	560	rVB	892778	855654	4.02%	1.411%
2	6.339	720	723	730	rBV	972958	867528	4.08%	1.431%
3	6.475	742	746	750	rBV	1106654	895974	4.21%	1.478%
4	6.710	782	786	789	rBV	717943	560167	2.63%	0.924%
5	6.863	809	812	816	rBV	867940	697110	3.28%	1.150%
6	7.263	872	880	884	rBV	609068	551341	2.59%	0.909%
7	7.992	1000	1004	1007	rBV	905829	762796	3.58%	1.258%
8	9.063	1183	1186	1192	rVB	1017907	897686	4.22%	1.481%
9	9.457	1251	1253	1255	rBV	261768	232089	1.09%	0.383%
10	9.686	1290	1292	1295	rBV	379383	289056	1.36%	0.477%
11	9.739	1296	1301	1305	rBV2	828722	801375	3.77%	1.322%
12	10.186	1374	1377	1380	rVB	495708	372490	1.75%	0.614%
13	10.404	1410	1414	1417	rBV	215671	236974	1.11%	0.391%
14	10.522	1431	1434	1439	rVB2	684342	590638	2.78%	0.974%
15	10.657	1454	1457	1464	rBV	649400	755635	3.55%	1.246%
16	11.104	1530	1533	1536	rBV	626371	501039	2.35%	0.826%
17	11.133	1536	1538	1544	rVB	265297	239856	1.13%	0.396%
18	11.221	1549	1553	1555	rBV	736630	657175	3.09%	1.084%
19	11.527	1602	1605	1608	rBV	583809	511747	2.40%	0.844%
20	11.633	1618	1623	1626	rVB	5821777	5500071	25.85%	9.072%
21	11.774	1642	1647	1653	rBV	590035	795637	3.74%	1.312%
22	11.933	1668	1674	1679	rBV	615134	638261	3.00%	1.053%
23	12.339	1734	1743	1745	rBV	8253141	21279037	100.00%	35.099%
24	12.427	1754	1758	1761	rBV	4277214	3928847	18.46%	6.480%
25	12.492	1761	1769	1777	rVV2	1822712	4112322	19.33%	6.783%
26	12.557	1777	1780	1785	rVB2	278849	316874	1.49%	0.523%
27	12.651	1793	1796	1800	rVB2	840703	797994	3.75%	1.316%
28	12.692	1800	1803	1808	rBV	530389	493355	2.32%	0.814%
29	12.804	1819	1822	1827	rVB	966749	836276	3.93%	1.379%
30	12.915	1836	1841	1847	rVB4	193630	325482	1.53%	0.537%
31	12.974	1847	1851	1853	rBV	875835	845130	3.97%	1.394%
32	12.992	1853	1854	1861	rVV3	446614	660576	3.10%	1.090%
33	13.045	1861	1863	1869	rVB2	723029	1043730	4.90%	1.722%
34	13.139	1876	1879	1882	rVB	714169	572451	2.69%	0.944%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092418\
Data File : BF109277.D
Acq On : 24 Sep 2018 19:29
Operator : JU/SJ
Sample : J4770-17 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-02-092118-I

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-BF092218.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	13.298	1903	1906	1909	rVB3	213711	221267	1.04%	0.365%
36	13.386	1918	1921	1924	rVB	587323	479984	2.26%	0.792%
37	13.557	1946	1950	1954	rVB2	313129	430058	2.02%	0.709%
38	13.715	1974	1977	1982	rVB	604606	529419	2.49%	0.873%
39	13.804	1989	1992	1995	rBV	545063	465597	2.19%	0.768%
40	13.845	1996	1999	2002	rVV	638123	598372	2.81%	0.987%
41	14.027	2027	2030	2034	rVB	602780	500282	2.35%	0.825%
42	14.333	2078	2082	2085	rVB	579756	572050	2.69%	0.944%
43	14.627	2129	2132	2137	rBV	512947	495849	2.33%	0.818%
44	14.733	2145	2150	2159	rVB	828677	1188800	5.59%	1.961%
45	14.945	2182	2186	2190	rVB	403056	439465	2.07%	0.725%
46	15.251	2235	2238	2241	rVB	314436	328140	1.54%	0.541%
47	15.298	2243	2246	2252	rVB	300332	339449	1.60%	0.560%
48	15.698	2311	2314	2320	rVB	279079	363997	1.71%	0.600%
49	16.162	2390	2393	2400	rVB	159853	251383	1.18%	0.415%

Sum of corrected areas: 60626485

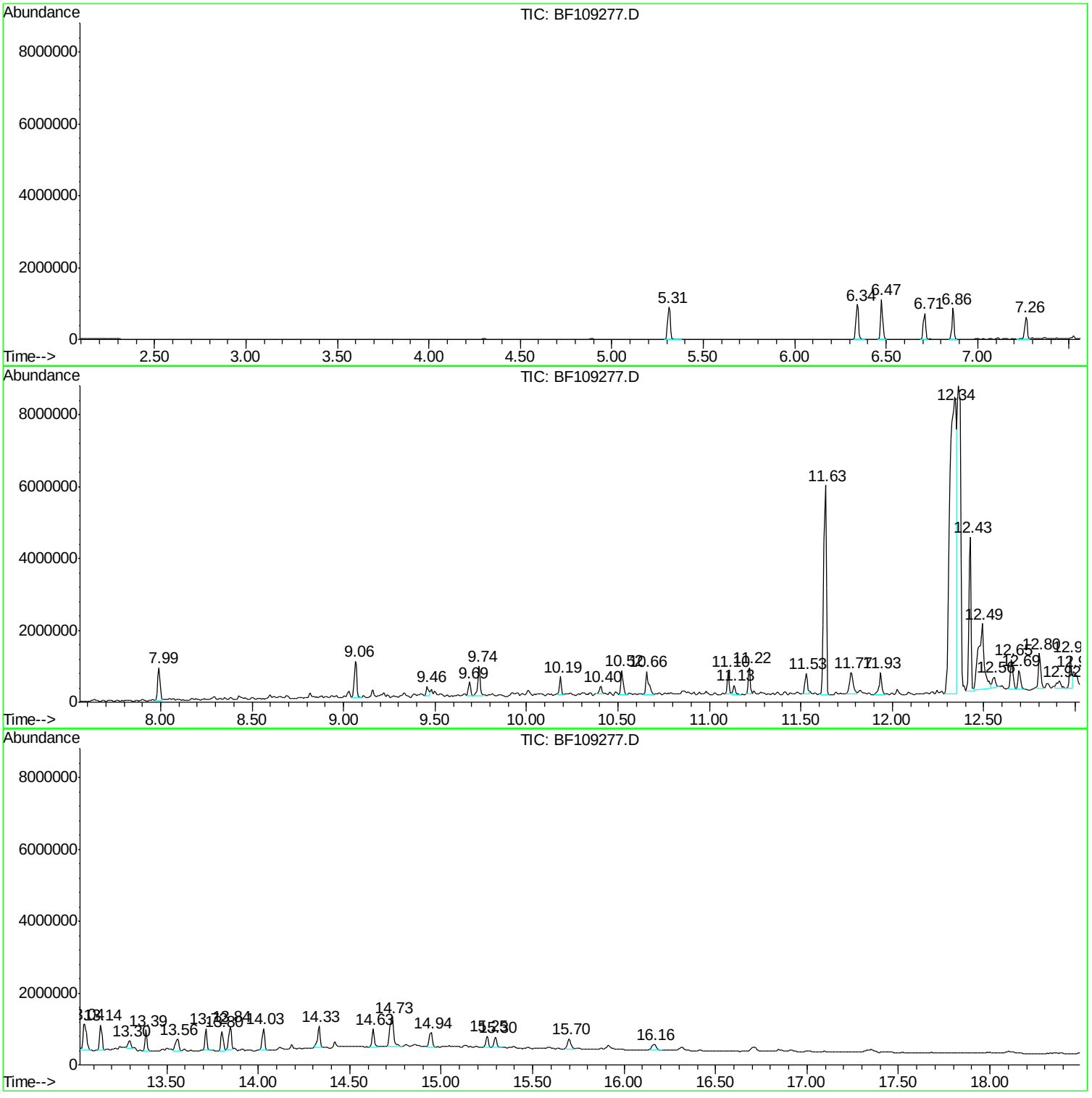
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092418\
Data File : BF109277.D
Acq On : 24 Sep 2018 19:29
Operator : JU/SJ
Sample : J4770-17 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-02-092118-I

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092418\
Data File : BF109277.D
Acq On : 24 Sep 2018 19:29
Operator : JU/SJ
Sample : J4770-17 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-02-092118-I

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

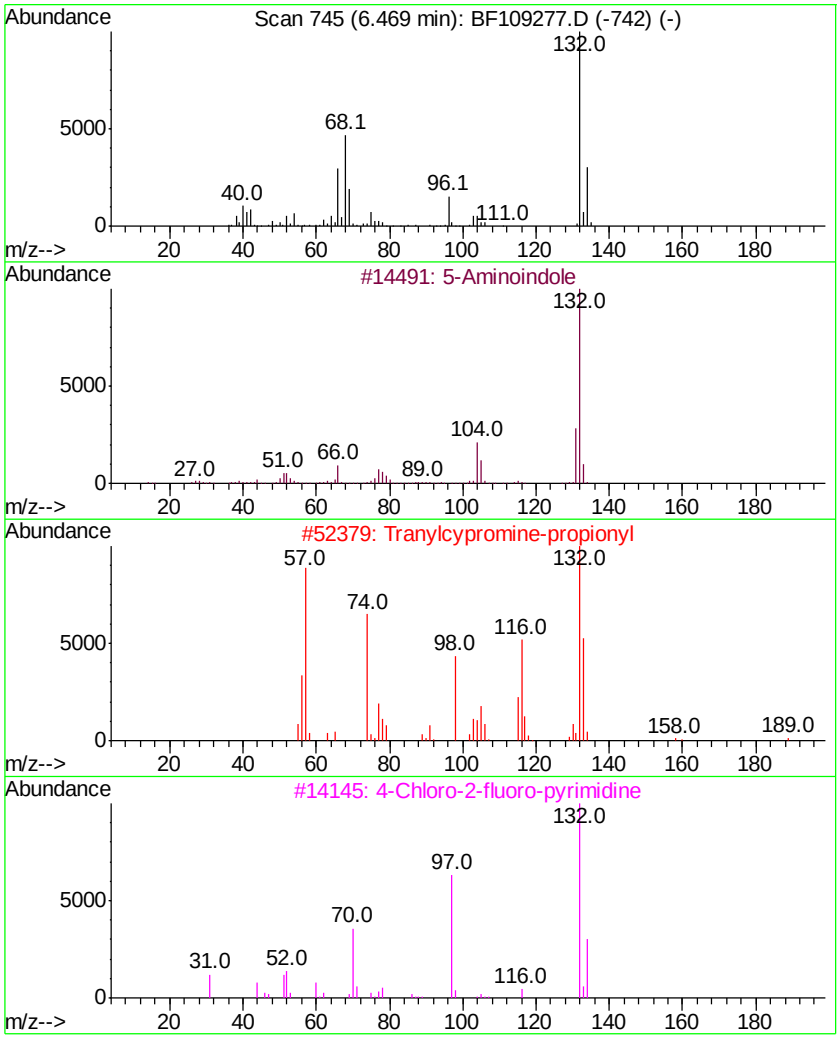
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

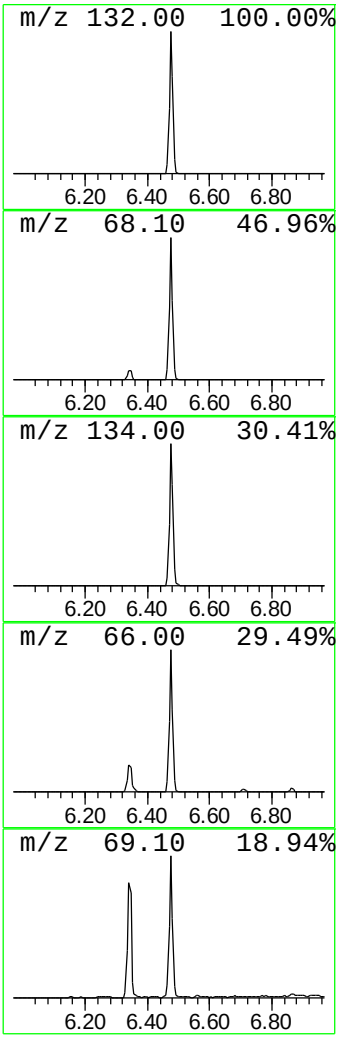
****

Peak Number 1 unknown6.47 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.47	31.99 ng	895974	1,4-Dichlorobenzene-d4	6.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Aminoindole	132	C8H8N2	005192-03-0	12
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
3	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
4	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9
5	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092418\
Data File : BF109277.D
Acq On : 24 Sep 2018 19:29
Operator : JU/SJ
Sample : J4770-17 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-02-092118-I

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

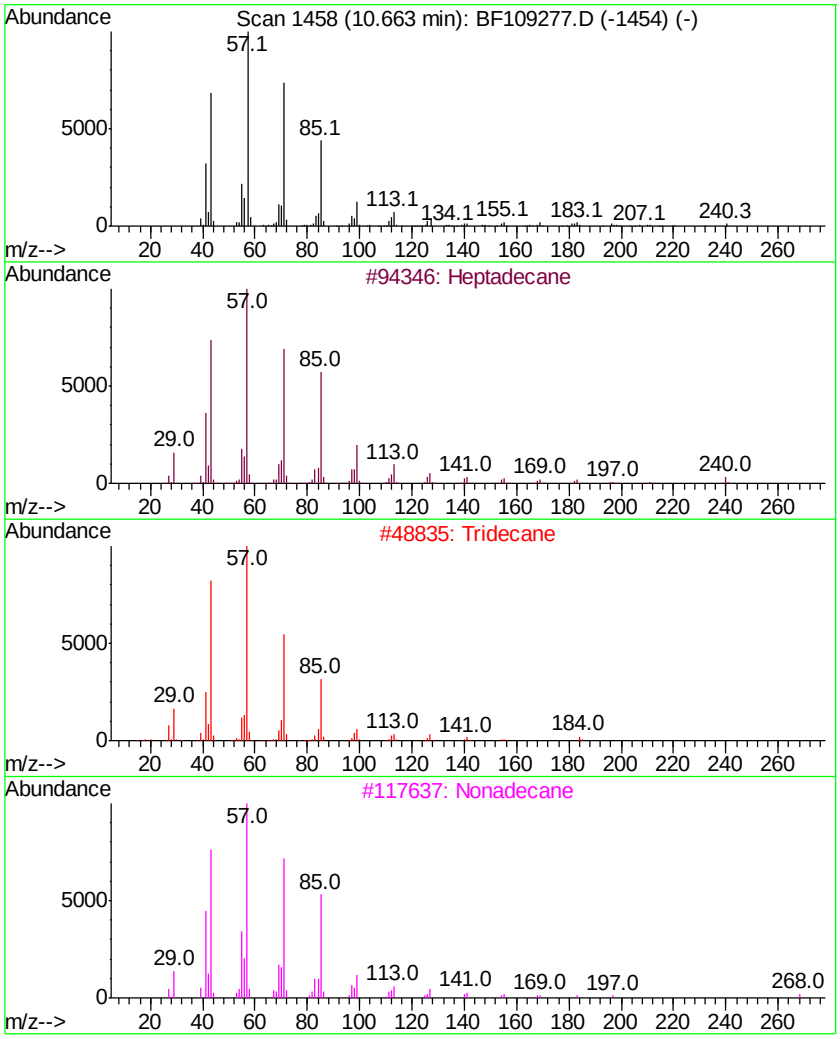
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

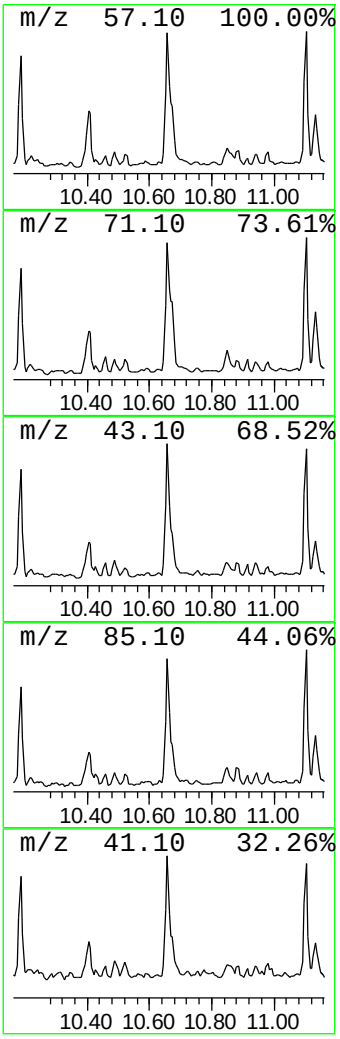
****

Peak Number 3 Heptadecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.66	23.00 ng	755635	Phenanthrene-d10	11.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	97
2	Tridecane	184	C13H28	000629-50-5	94
3	Nonadecane	268	C19H40	000629-92-5	91
4	Heneicosane	296	C21H44	000629-94-7	91
5	Octacosane	394	C28H58	000630-02-4	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092418\
Data File : BF109277.D
Acq On : 24 Sep 2018 19:29
Operator : JU/SJ
Sample : J4770-17 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-02-092118-I

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

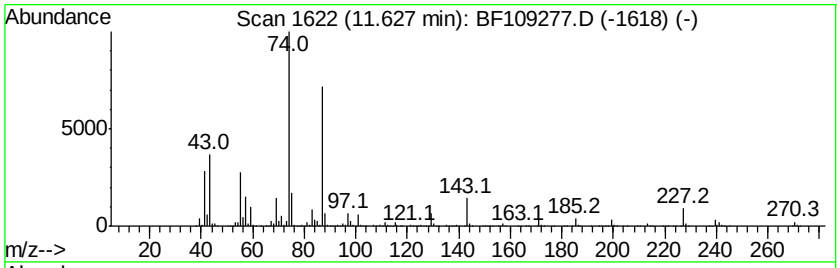
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

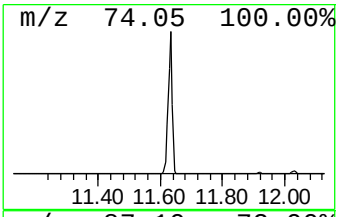
****

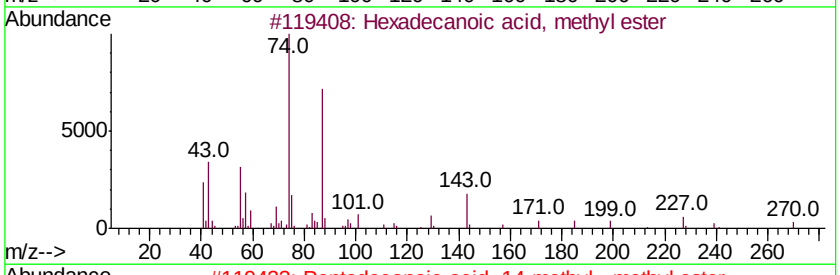
Peak Number 4 Hexadecanoic acid, methyl e... Concentration Rank 2

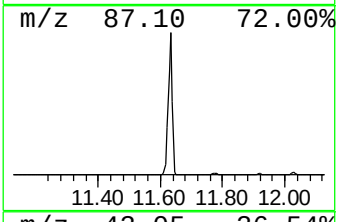
R.T.	EstConc	Area	Relative to ISTD	R.T.
11.63	167.39 ng	5500070	Phenanthrene-d10	11.22

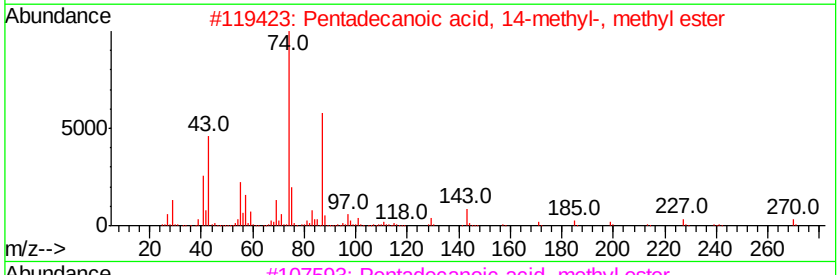
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	98
2	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	96
3	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	86
4	Hexadecanoic acid, 15-methyl-, m...	284	C18H36O2	006929-04-0	83
5	Methyl tetradecanoate	242	C15H30O2	000124-10-7	83

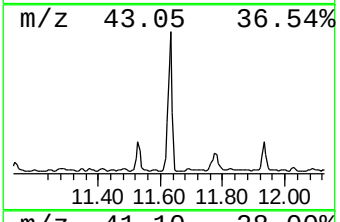


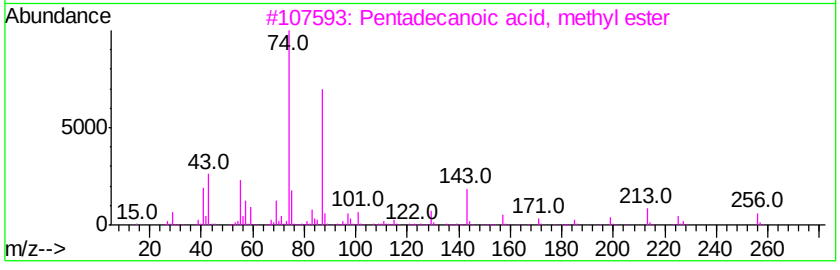


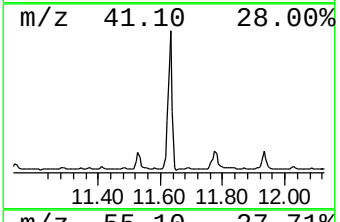


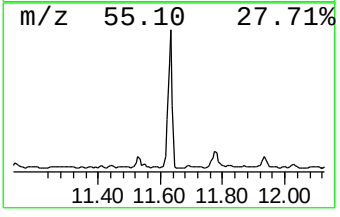












Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092418\
Data File : BF109277.D
Acq On : 24 Sep 2018 19:29
Operator : JU/SJ
Sample : J4770-17 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-02-092118-I

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

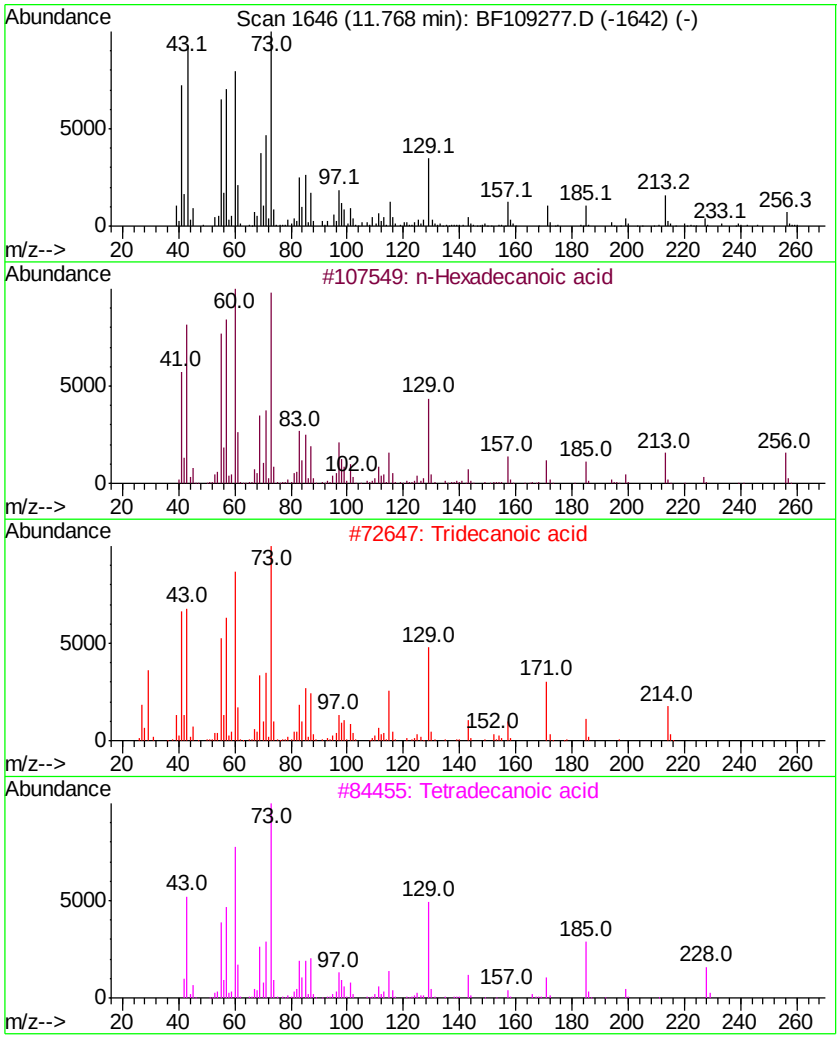
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

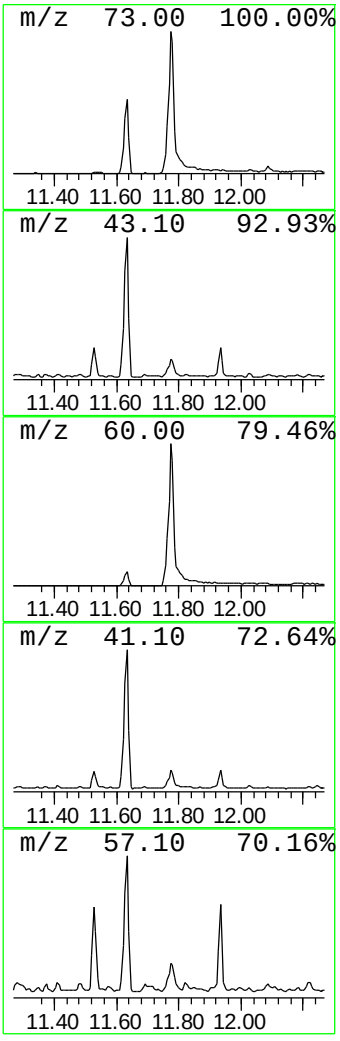
****

Peak Number 5 n-Hexadecanoic acid Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.77	24.21 ng	795637	Phenanthrene-d10	11.22

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	94
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	93
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	93
5	Dodecanoic acid, 1-methylethyl e...	242	C15H30O2	010233-13-3	52





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092418\
Data File : BF109277.D
Acq On : 24 Sep 2018 19:29
Operator : JU/SJ
Sample : J4770-17 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-02-092118-I

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

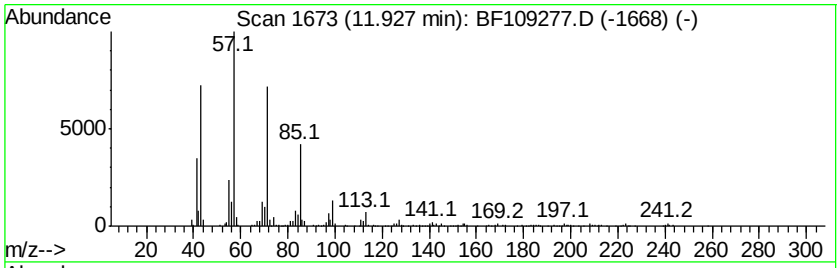
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

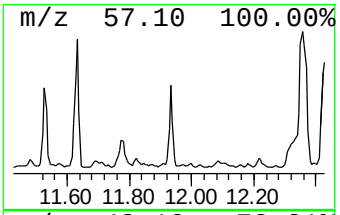
****

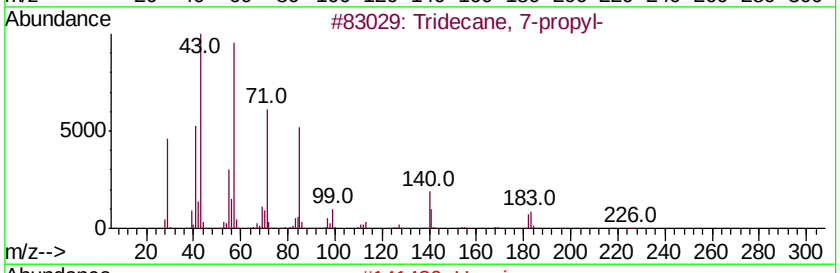
Peak Number 6 Tridecane, 7-propyl- Concentration Rank 16

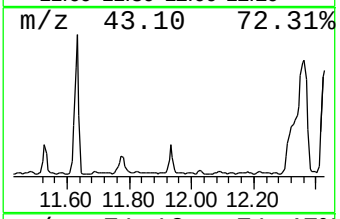
R.T.	EstConc	Area	Relative to ISTD	R.T.
11.93	19.42 ng	638261	Phenanthrene-d10	11.22

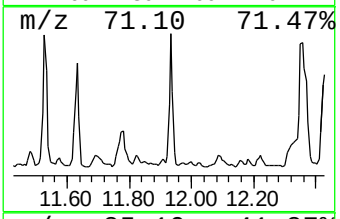
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 7-propyl-	226	C16H34	055045-09-5	93
2	Heneicosane	296	C21H44	000629-94-7	91
3	Pentadecane	212	C15H32	000629-62-9	91
4	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	90
5	Tetracosane	338	C24H50	000646-31-1	90

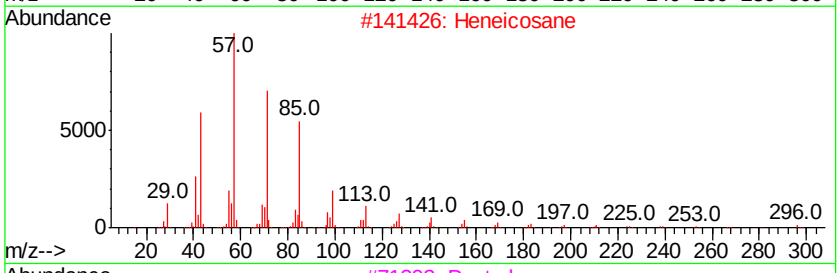


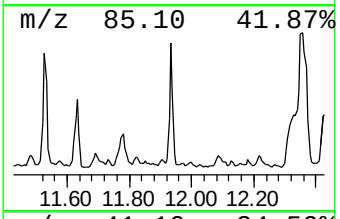


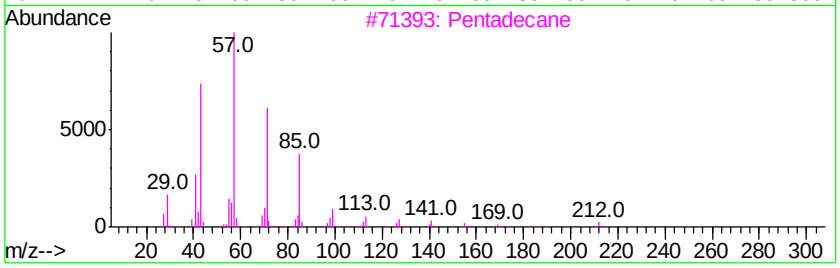


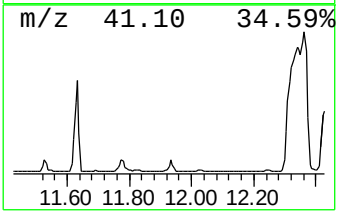












Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092418\
Data File : BF109277.D
Acq On : 24 Sep 2018 19:29
Operator : JU/SJ
Sample : J4770-17 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-02-092118-I

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.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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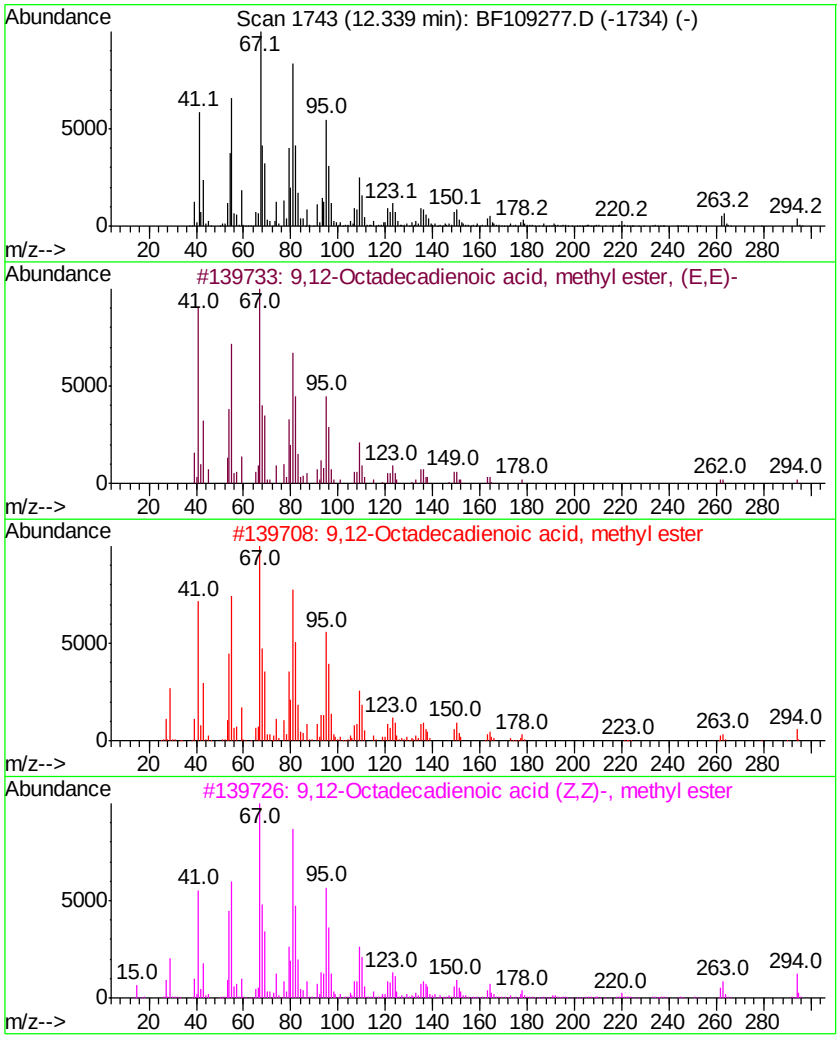
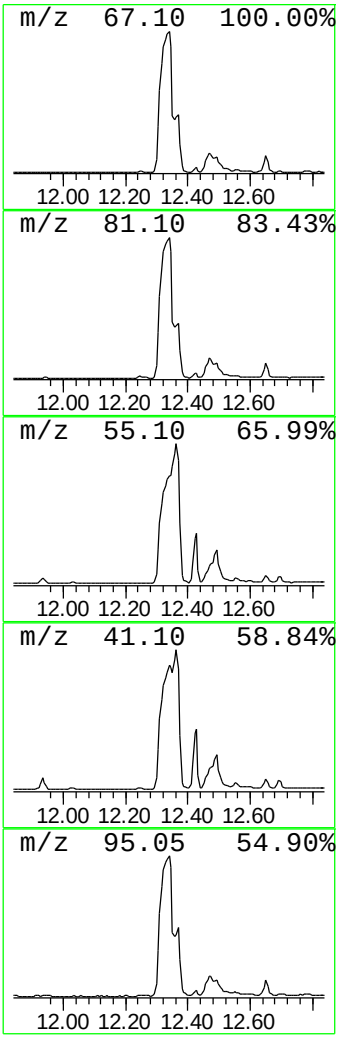
Peak Number 7 9,12-Octadecadienoic acid, ... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.34	647.59 ng	21279000	Phenanthrene-d10	11.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
2	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99
3	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	99
4	9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	99
5	Methyl 9-cis,11-trans-octadecadi...	294	C19H34O2	1000336-44-0	99





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Acq On : 24 Sep 2018 19:29
Operator : JU/SJ
Sample : J4770-17 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-02-092118-I

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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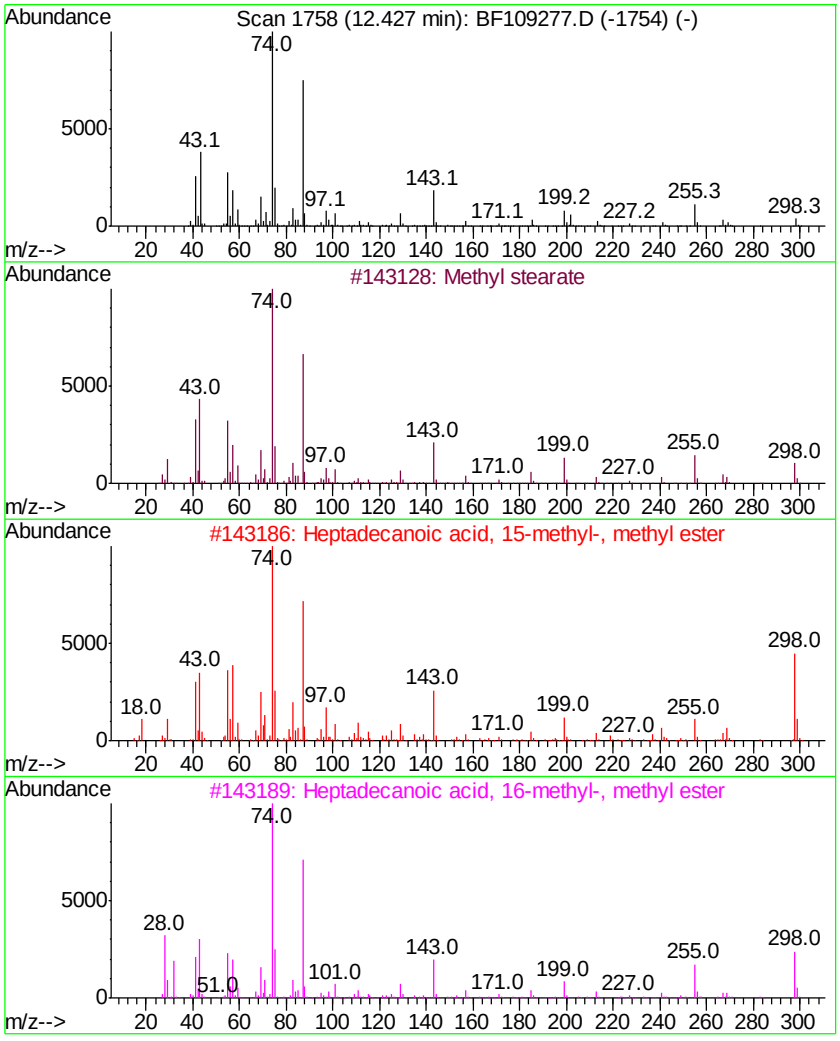
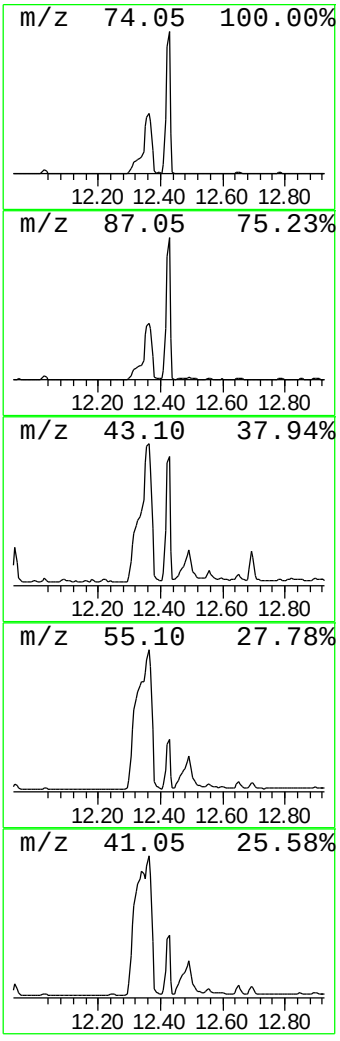
Peak Number 8 Methyl stearate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.43	119.57 ng	3928850	Phenanthrene-d10	11.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl stearate	298	C19H38O2	000112-61-8	98
2	Heptadecanoic acid, 15-methyl-, ...	298	C19H38O2	054833-55-5	93
3	Heptadecanoic acid, 16-methyl-, ...	298	C19H38O2	005129-61-3	92
4	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	87
5	Methyl tetradecanoate	242	C15H30O2	000124-10-7	87





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Sample : J4770-17 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-02-092118-I

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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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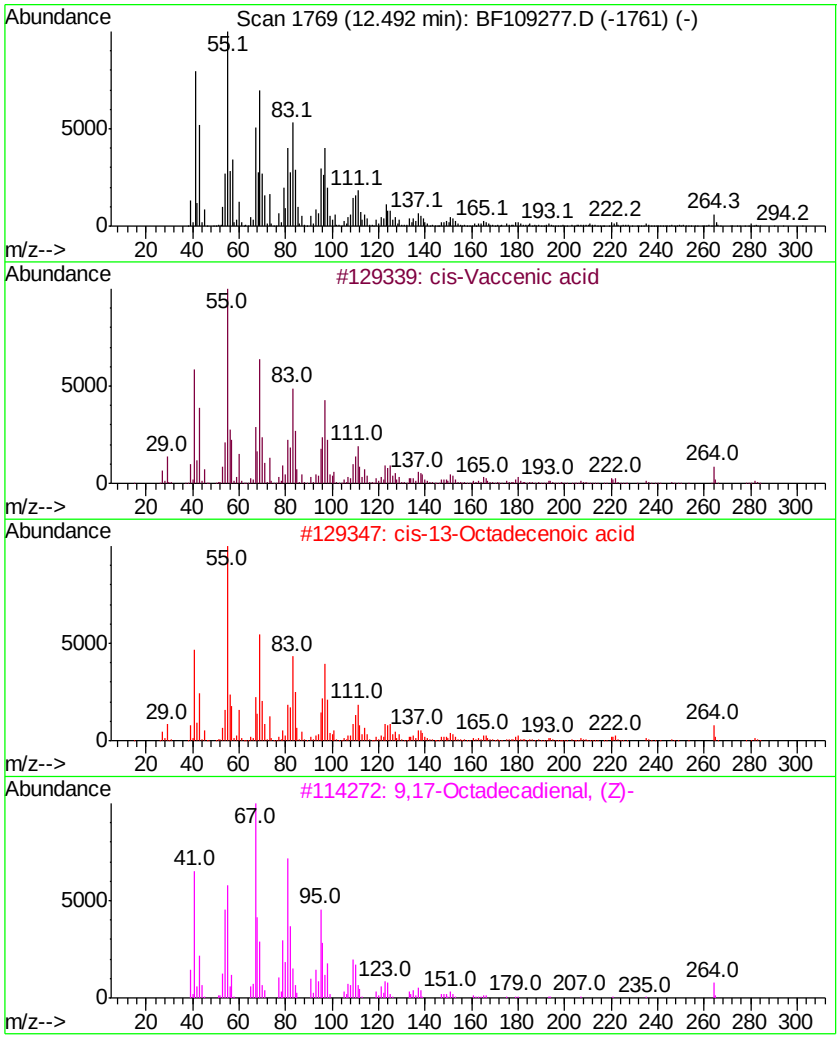
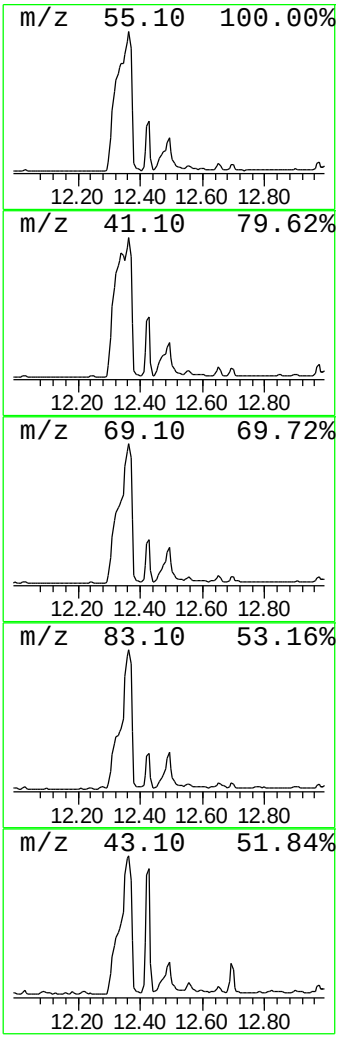
Peak Number 9 cis-Vaccenic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.49	125.15 ng	4112320	Phenanthrene-d10	11.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	cis-Vaccenic acid	282	C18H34O2	000506-17-2	98
2	cis-13-Octadecenoic acid	282	C18H34O2	013126-39-1	97
3	9,17-Octadecadienal, (Z)-	264	C18H32O	056554-35-9	93
4	trans-13-Octadecenoic acid	282	C18H34O2	000693-71-0	91
5	9-Octadecenoic acid (Z)-, 2,3-di...	356	C21H40O4	000111-03-5	90





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Instrument : BNA_F
ClientSampleId : JC-02-092118-I

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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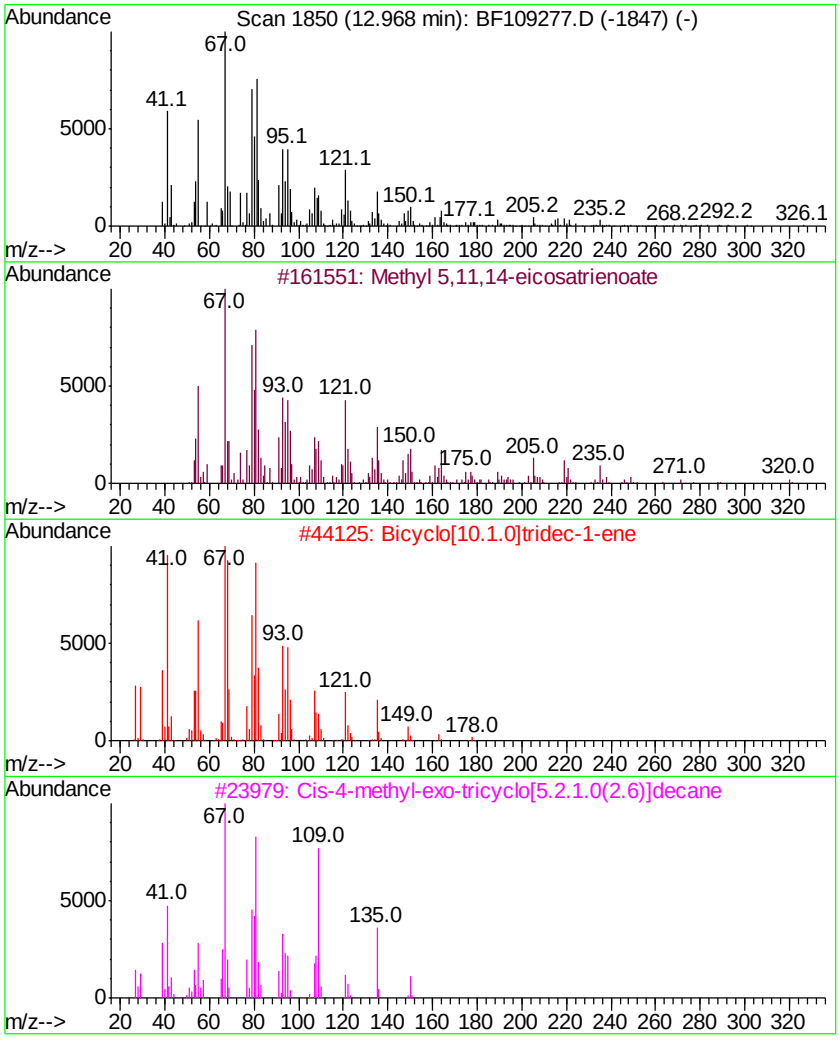
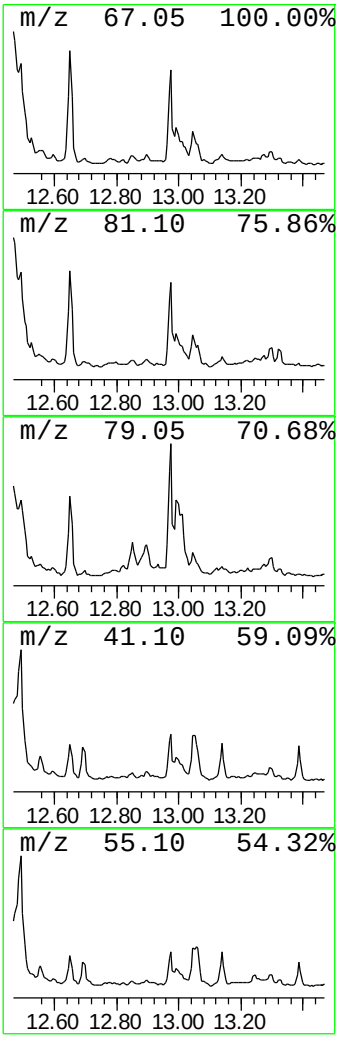
Peak Number 10 Methyl 5,11,14-eicosatrienoate Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.97	28.25 ng	845130	Chrysene-d12	13.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl 5,11,14-eicosatrienoate	320	C21H36O2	1000336-40-2	99
2	Bicyclo[10.1.0]tridec-1-ene	178	C13H22	054766-91-5	93
3	Cis-4-methyl-exo-tricyclo[5.2.1....	150	C11H18	1000215-29-2	68
4	Bicyclo[6.1.0]non-1-ene	122	C9H14	002570-06-1	60
5	Butyl 6,9,12-hexadecatrienoate	306	C20H34O2	1000336-80-1	58





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Acq On : 24 Sep 2018 19:29
Operator : JU/SJ
Sample : J4770-17 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-02-092118-I

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.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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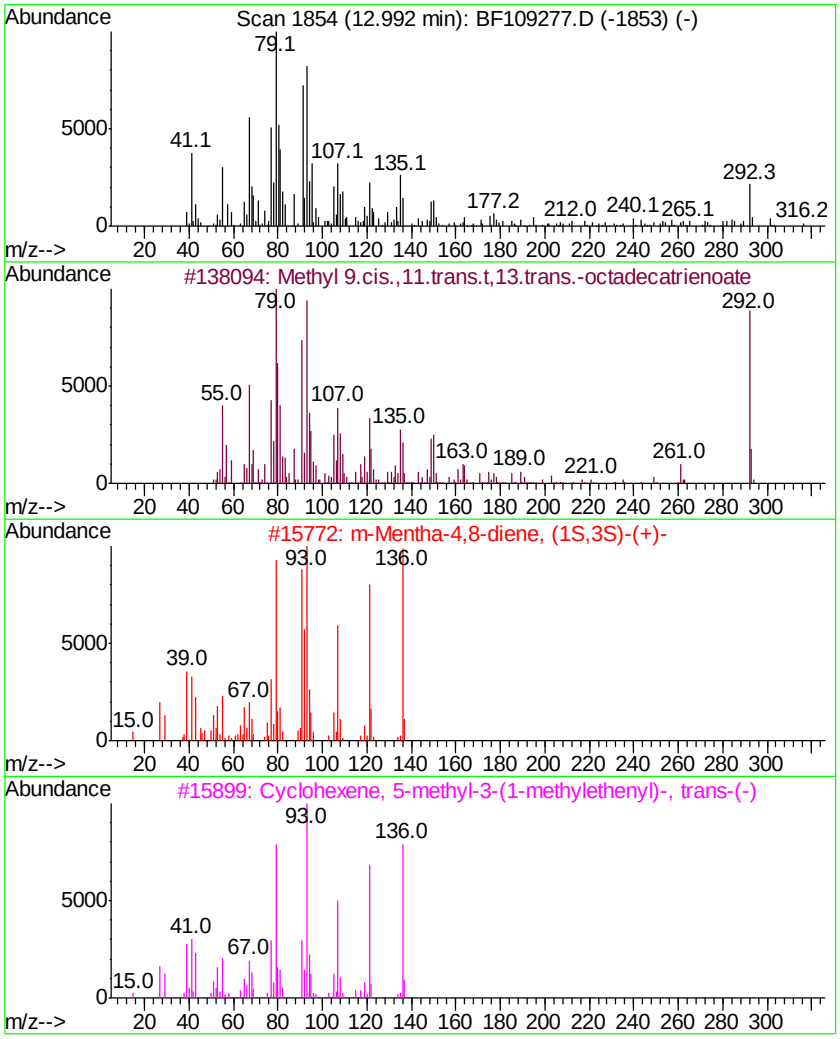
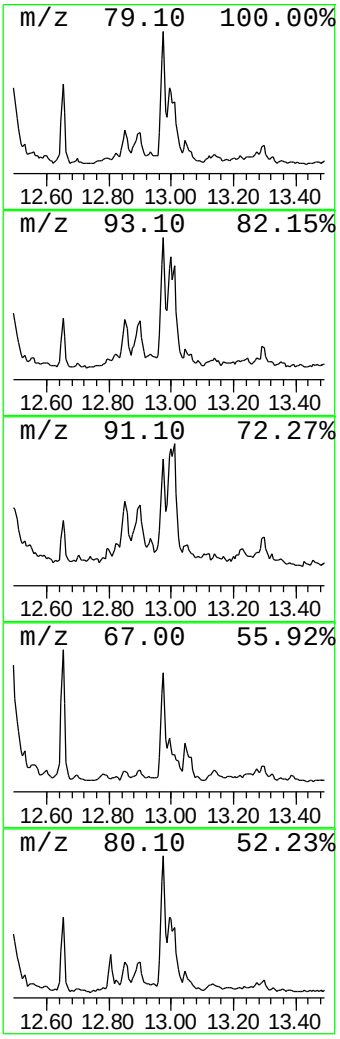
Peak Number 11 Methyl 9.cis.,11.trans.t,13... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.99	22.08 ng	660576	Chrysene-d12	13.84

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	m-Mentha-4,8-diene, (1S,3S)-(+)-	136	C10H16	005208-51-5	62
3	Cyclohexene, 5-methyl-3-(1-methy...	136	C10H16	056816-08-1	58
4	Cyclohexene, 3-methyl-6-(1-methy...	136	C10H16	005113-87-1	52
5	6,9,12-Octadecatrienoic acid, me...	292	C19H32O2	002676-41-7	52





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Operator : JU/SJ
Sample : J4770-17 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-02-092118-I

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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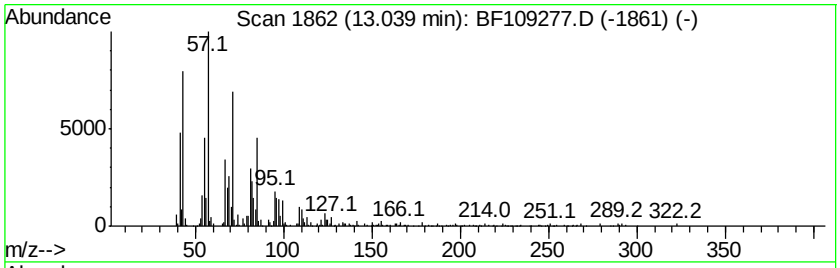
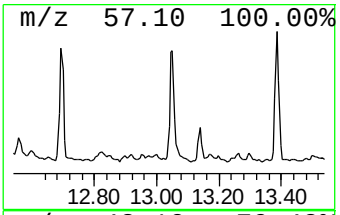
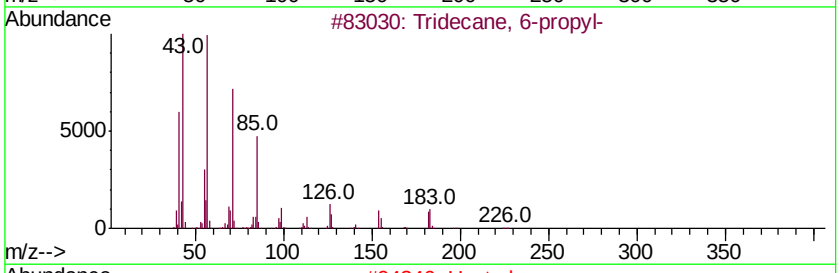
Peak Number 12 Tridecane, 6-propyl- Concentration Rank 6

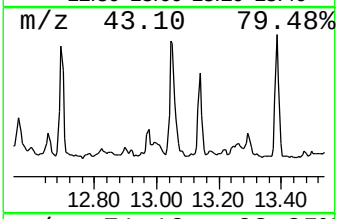
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.04	34.89 ng	1043730	Chrysene-d12	13.84

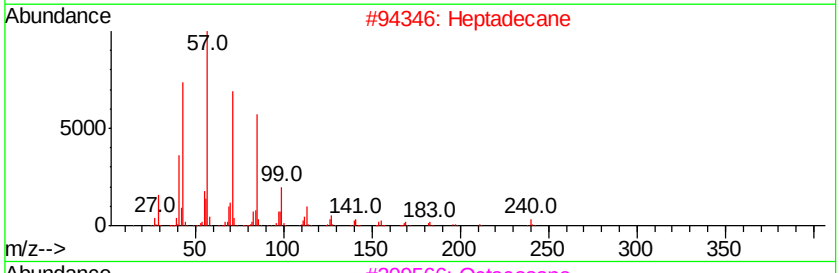
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 6-propyl-	226	C16H34	055045-10-8	70
2	Heptadecane	240	C17H36	000629-78-7	70
3	Octacosane	394	C28H58	000630-02-4	62
4	10-Methylnonadecane	282	C20H42	056862-62-5	62
5	Tridecane, 7-propyl-	226	C16H34	055045-09-5	62

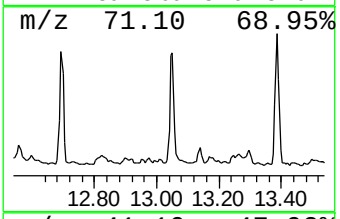


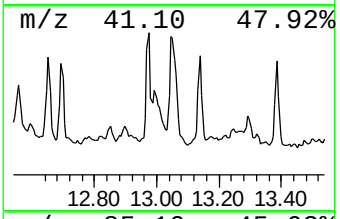


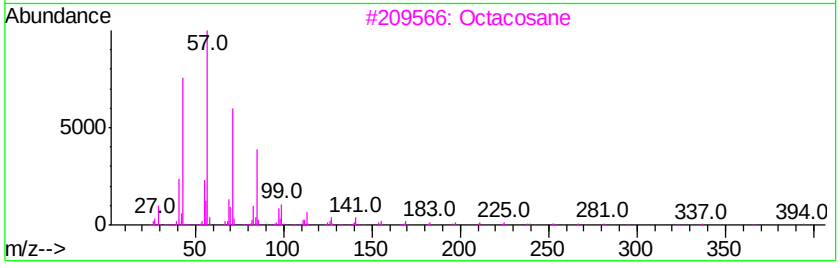


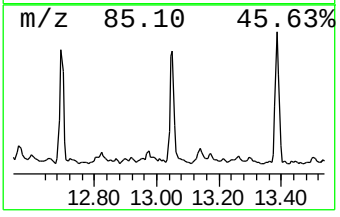












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Data File : BF109277.D
Acq On : 24 Sep 2018 19:29
Operator : JU/SJ
Sample : J4770-17 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-02-092118-I

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.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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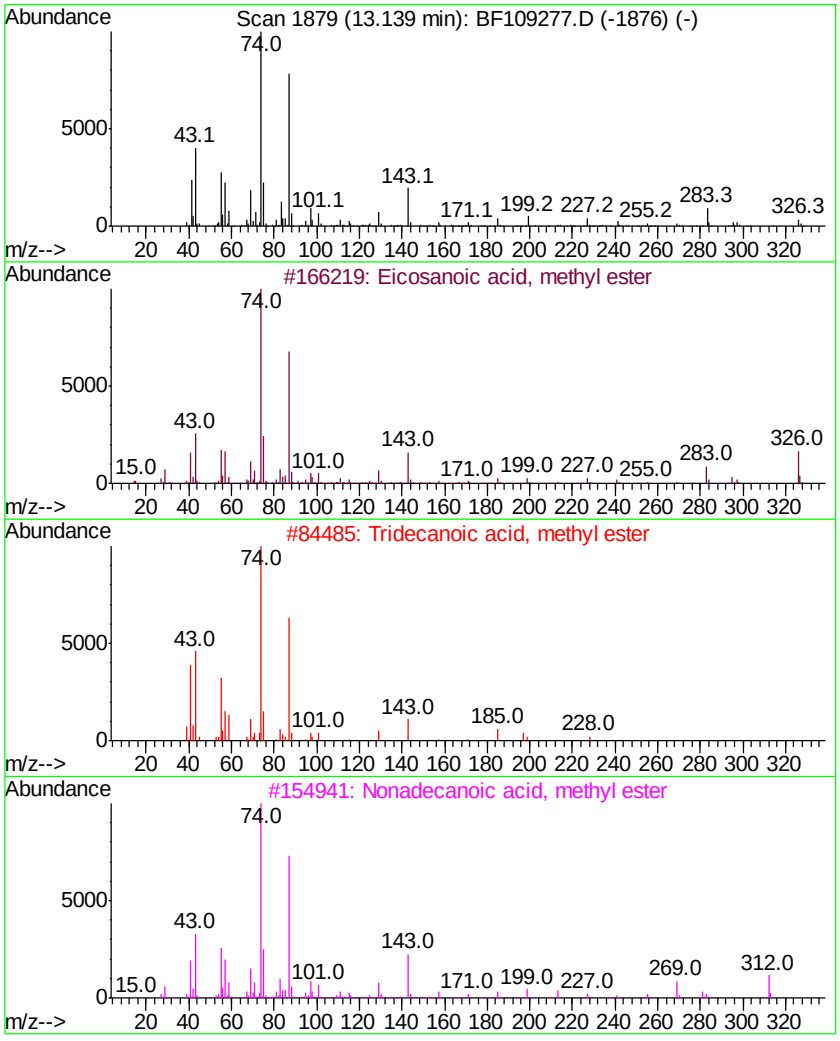
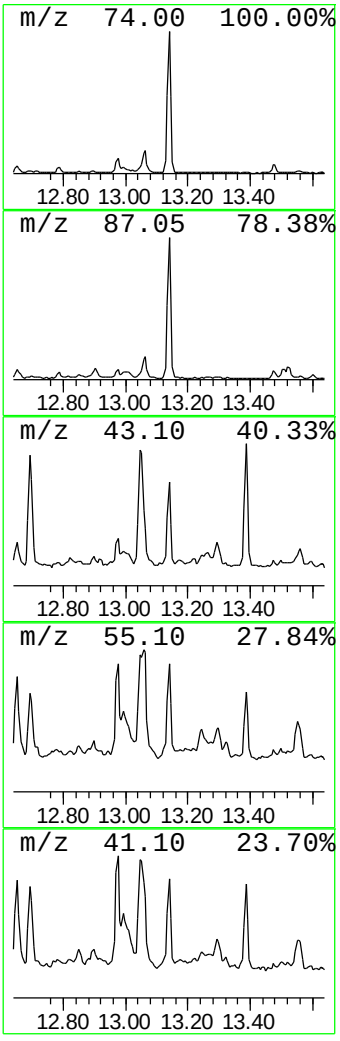
Peak Number 13 Eicosanoic acid, methyl ester Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.14	19.13 ng	572451	Chrysene-d12	13.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosanoic acid, methyl ester	326	C21H42O2	001120-28-1	98
2	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	90
3	Nonadecanoic acid, methyl ester	312	C20H40O2	001731-94-8	90
4	Methyl stearate	298	C19H38O2	000112-61-8	90
5	Heptadecanoic acid, 16-methyl-, ...	298	C19H38O2	005129-61-3	87





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Sample : J4770-17 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-02-092118-I

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.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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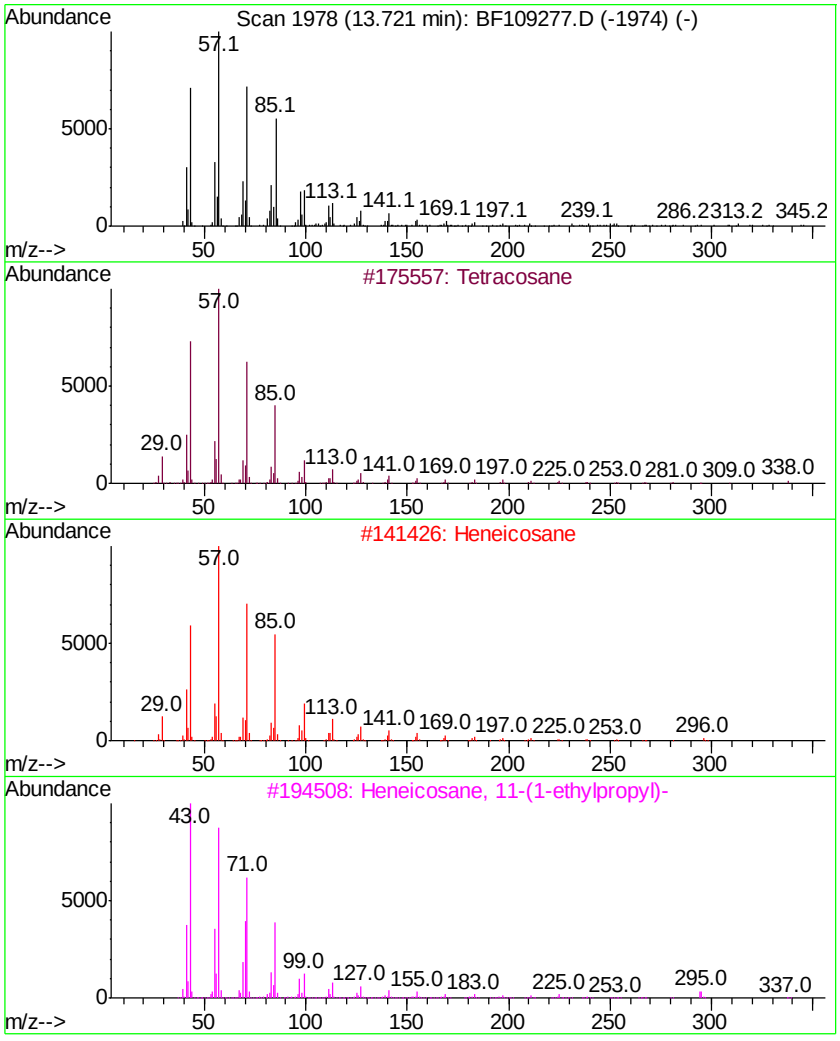
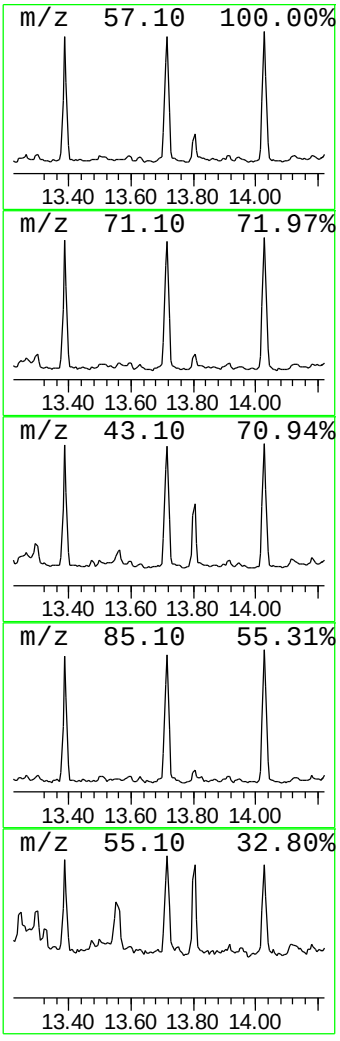
Peak Number 14 Tetracosane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.72	17.70 ng	529419	Chrysene-d12	13.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	91
2	Heneicosane	296	C21H44	000629-94-7	91
3	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	91
4	Sulfurous acid, butyl dodecyl ester	306	C16H34O3S	1000309-17-9	91
5	Octacosane	394	C28H58	000630-02-4	90





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Sample : J4770-17 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-02-092118-I

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TIC Library : C:\DATABASE\NIST11.L
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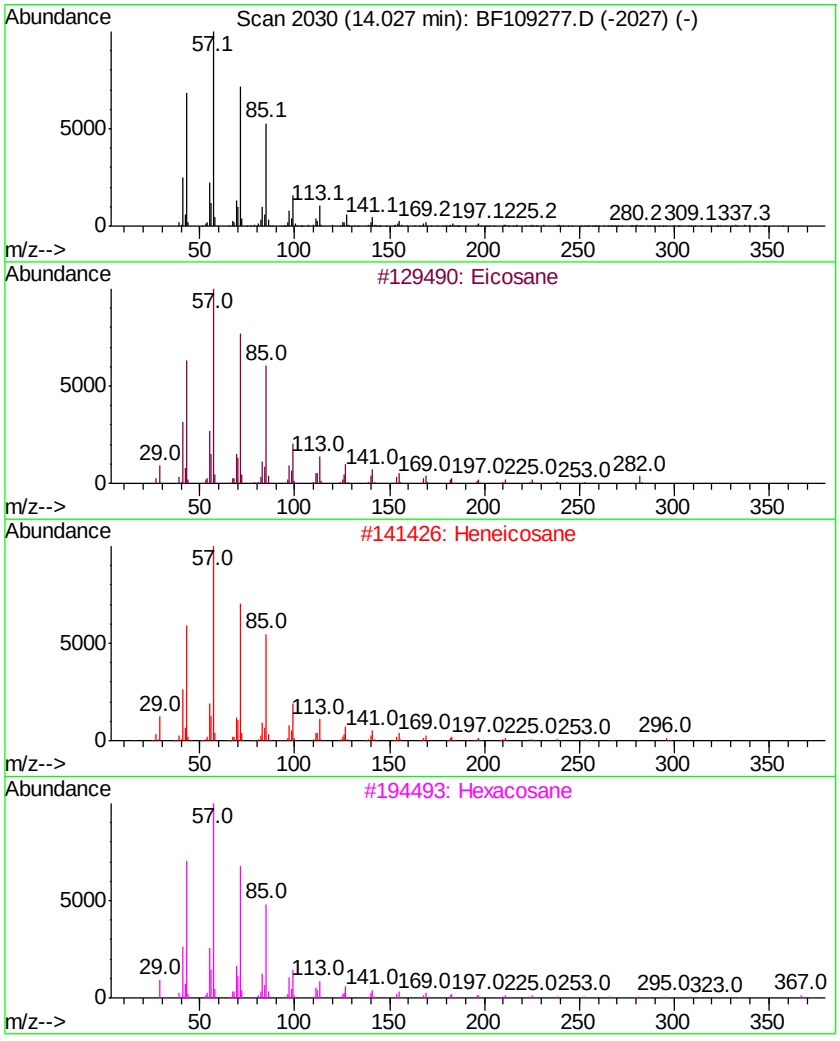
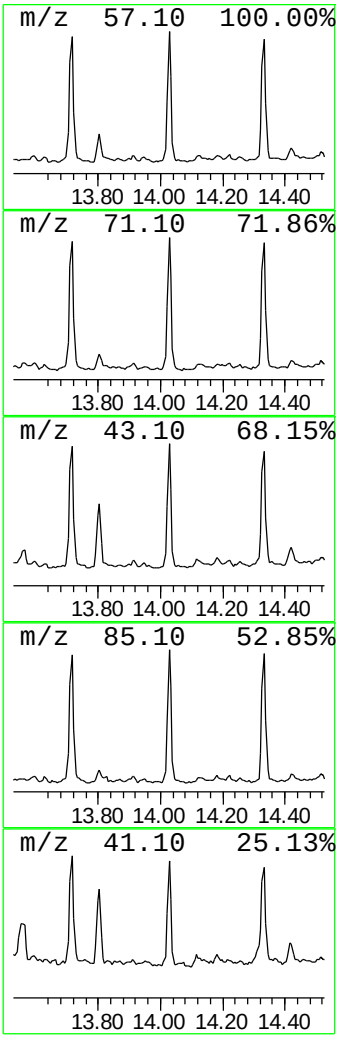
Peak Number 15 Eicosane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.03	16.72 ng	500282	Chrysene-d12	13.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	97
2	Heneicosane	296	C21H44	000629-94-7	91
3	Hexacosane	366	C26H54	000630-01-3	91
4	Tetracosane	338	C24H50	000646-31-1	91
5	Octadecane	254	C18H38	000593-45-3	91





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

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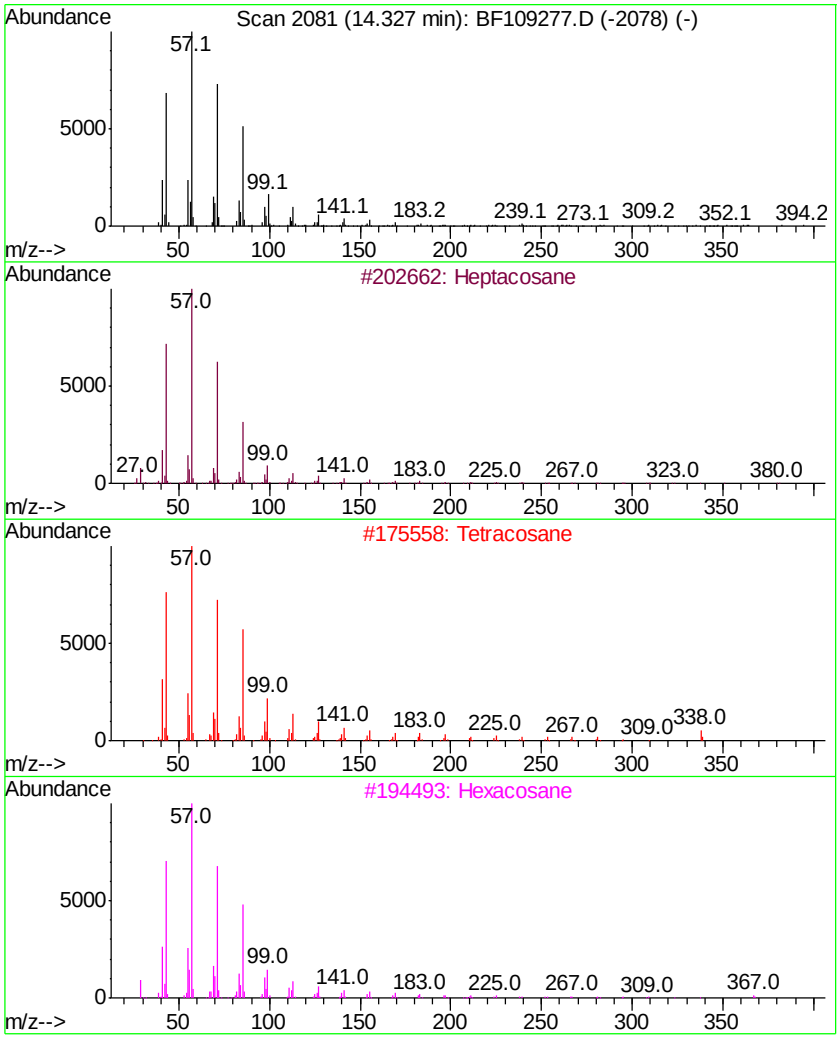
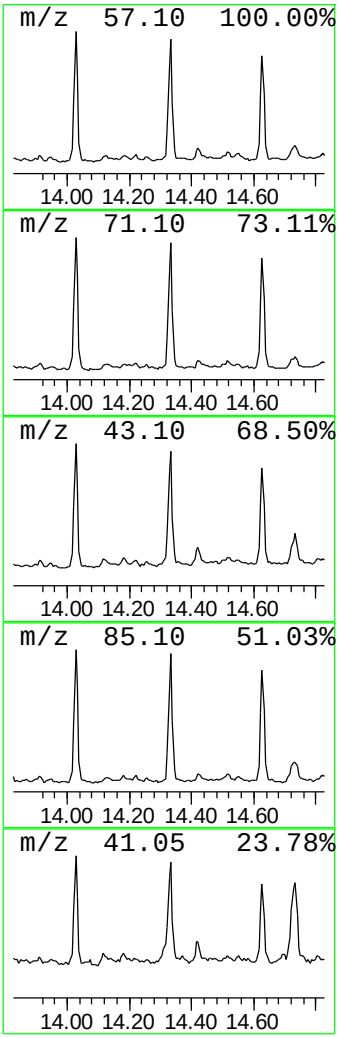
Peak Number 16 Heptacosane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.33	19.12 ng	572050	Chrysene-d12	13.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	96
2	Tetracosane	338	C24H50	000646-31-1	96
3	Hexacosane	366	C26H54	000630-01-3	91
4	Heneicosane	296	C21H44	000629-94-7	91
5	Nonadecane	268	C19H40	000629-92-5	86





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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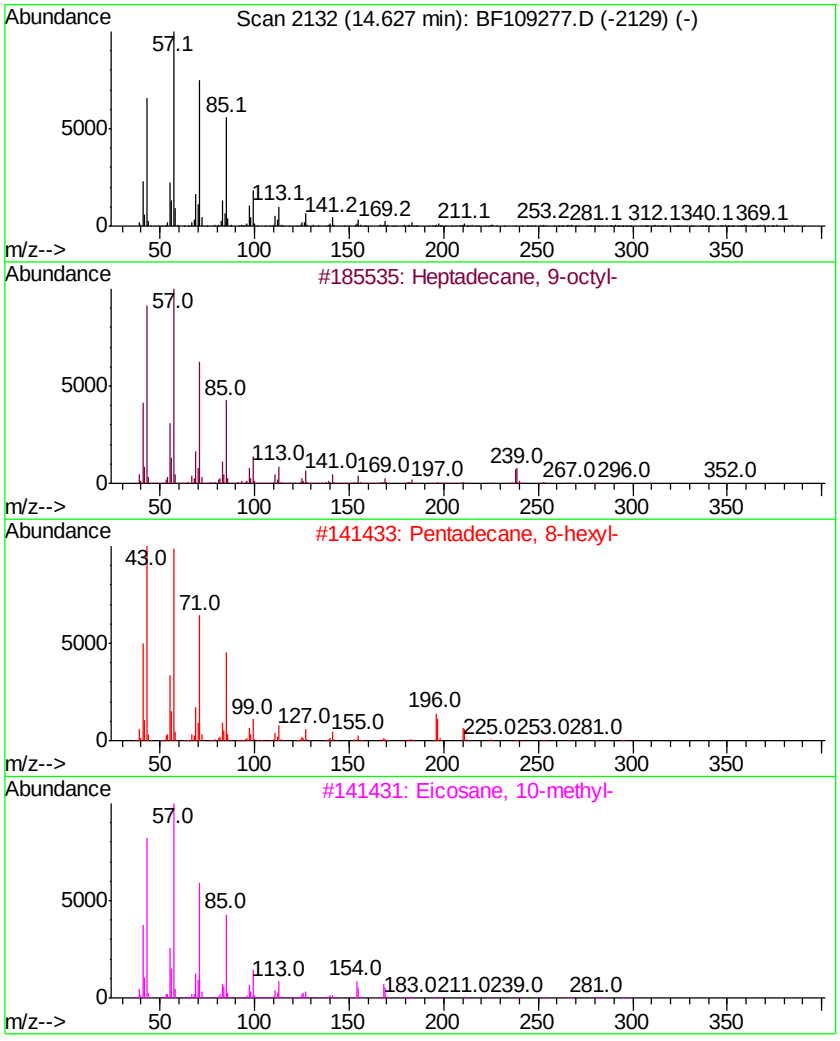
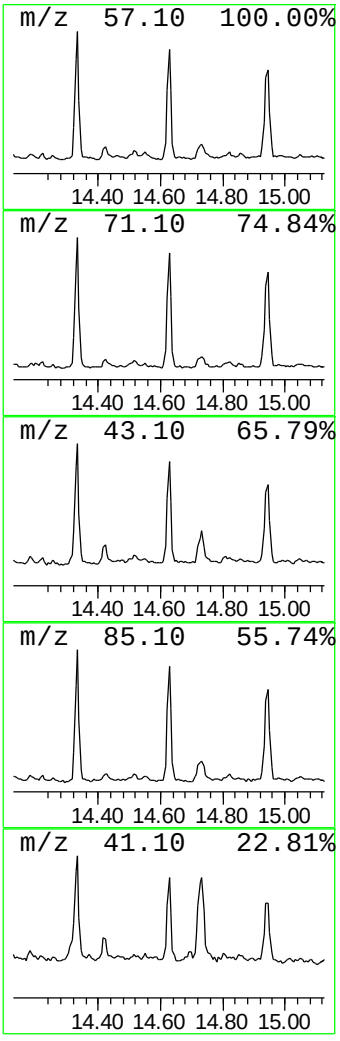
Peak Number 17 Heptadecane, 9-octyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.63	30.22 ng	495849	Perylene-d12	15.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	96
2	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	94
3	Eicosane, 10-methyl-	296	C21H44	054833-23-7	93
4	Hexacosane	366	C26H54	000630-01-3	91
5	Heneicosane	296	C21H44	000629-94-7	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092418\
Data File : BF109277.D
Acq On : 24 Sep 2018 19:29
Operator : JU/SJ
Sample : J4770-17 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-02-092118-I

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

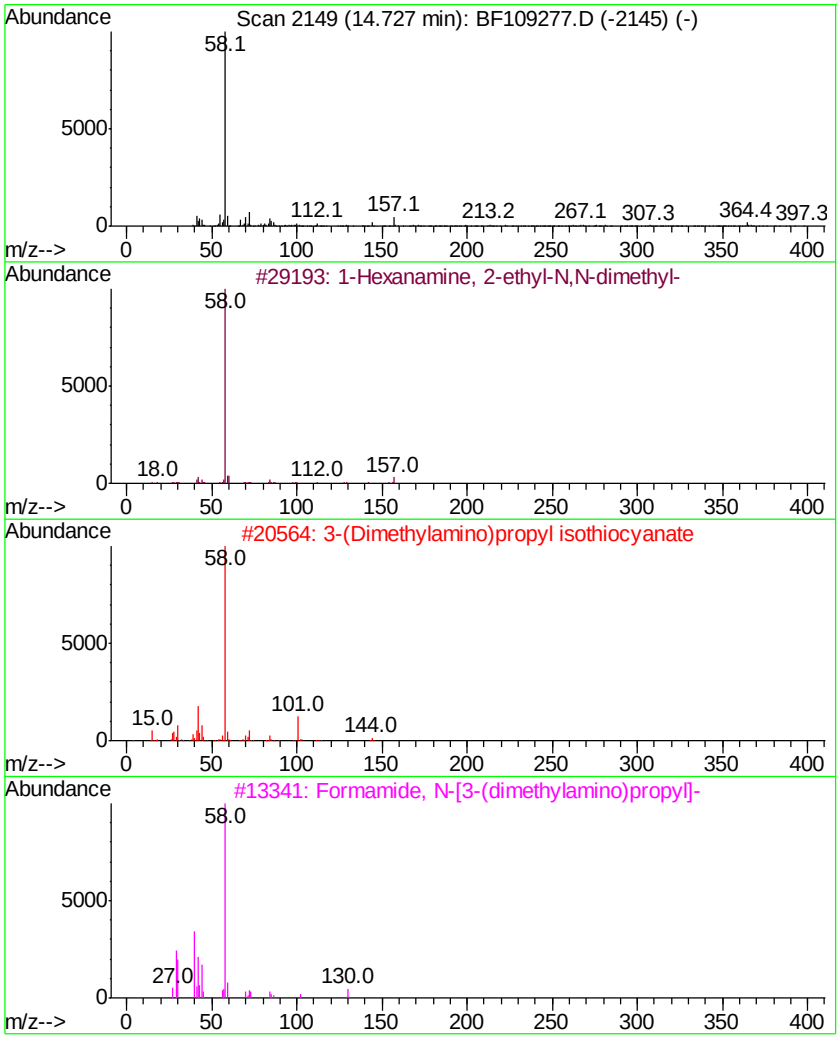
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

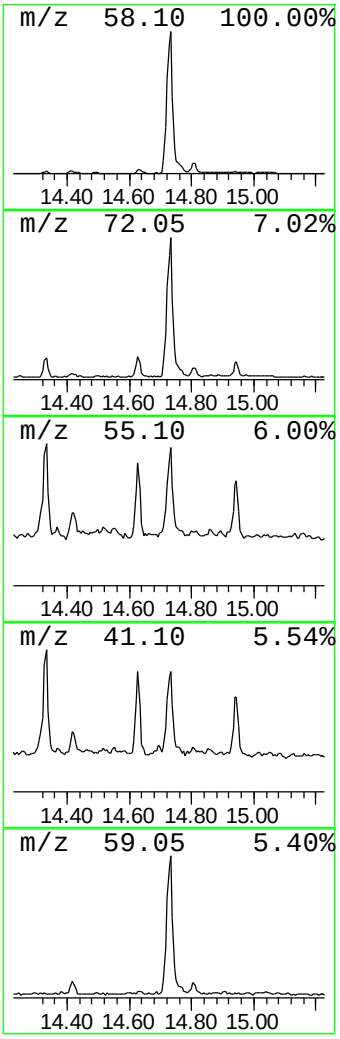
****

Peak Number 18 1-Hexanamine, 2-ethyl-N,N-d... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.73	72.46 ng	1188800	Perylene-d12	15.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanamine, 2-ethyl-N,N-dimethyl-	157	C10H23N	028056-87-3	72
2	3-(Dimethylamino)propyl isothioc...	144	C6H12N2S	027421-70-1	72
3	Formamide, N-[3-(dimethylamino)p...	130	C6H14N2O	005922-69-0	72
4	n-Octyl trimethyl ammonium bromide	251	C11H26BrN	002083-68-3	64
5	N,N-Dimethyloctylamine	157	C10H23N	007378-99-6	64





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF092418\
Data File : BF109277.D
Acq On : 24 Sep 2018 19:29
Operator : JU/SJ
Sample : J4770-17 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-02-092118-I

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.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
unknown6.47	6.47	32.0	ng	895974	1	6.71	560167	20.0
Heptadecane	10.66	23.0	ng	755635	4	11.22	657175	20.0
Hexadecanoic acid...	11.63	167.4	ng	5500070	4	11.22	657175	20.0
n-Hexadecanoic acid	11.77	24.2	ng	795637	4	11.22	657175	20.0
Tridecane, 7-propyl-	11.93	19.4	ng	638261	4	11.22	657175	20.0
9,12-Octadecadien...	12.34	647.6	ng	21279000	4	11.22	657175	20.0
Methyl stearate	12.43	119.6	ng	3928850	4	11.22	657175	20.0
cis-Vaccenic acid	12.49	125.2	ng	4112320	4	11.22	657175	20.0
Methyl 5,11,14-ei...	12.97	28.3	ng	845130	5	13.84	598372	20.0
Methyl 9.cis.,11....	12.99	22.1	ng	660576	5	13.84	598372	20.0
Tridecane, 6-propyl-	13.04	34.9	ng	1043730	5	13.84	598372	20.0
Eicosanoic acid, ...	13.14	19.1	ng	572451	5	13.84	598372	20.0
Tetracosane	13.72	17.7	ng	529419	5	13.84	598372	20.0
Eicosane	14.03	16.7	ng	500282	5	13.84	598372	20.0
Heptacosane	14.33	19.1	ng	572050	5	13.84	598372	20.0
Heptadecane, 9-oc...	14.63	30.2	ng	495849	6	15.25	328140	20.0
1-Hexanamine, 2-e...	14.73	72.5	ng	1188800	6	15.25	328140	20.0