LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071618\
Data File : BF107431.D
Acq On : 17 Jul 2018 4:19
Operator : JU/SJ
Sample : J3819-01 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AU-05-071318-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:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071618.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	5.207	484	488	492	rVB2	233439	247245	1.17%	0.254%
2	5.601	546	555	558	rBV	2306002	2073565	9.85%	2.130%
3	6.601	719	725	728	rBV	2375374	2117468	10.05%	2.175%
4	6.748	746	750	754	rVB	2359662	2174007	10.32%	2.233%
5	6.984	786	790	793	rVB	1375419	1124950	5.34%	1.155%
6	7.137	810	816	820	rBV	2008978	1696929	8.06%	1.743%
7	7.542	881	885	888	rBV	1581944	1305332	6.20%	1.341%
8	8.266	1004	1008	1011	rBV	1581801	1249727	5.93%	1.284%
9	9.336	1187	1190	1194	rVB	2519489	2226526	10.57%	2.287%
10	9.595	1231	1234	1241	rBV3	276481	251884	1.20%	0.259%
11	9.731	1254	1257	1261	rVB	506420	402384	1.91%	0.413%
12	9.942	1289	1293	1297	rVB	268633	224892	1.07%	0.231%
13	10.025	1304	1307	1310	rBV2	1382960	1216009	5.77%	1.249%
14	10.054	1310	1312	1315	rVB	892386	621132	2.95%	0.638%
15	10.442	1374	1378	1381	rBV	413702	334693	1.59%	0.344%
16	10.660	1410	1415	1417	rBV3	170734	214824	1.02%	0.221%
17	10.813	1438	1441	1445	rBV	1384628	1143714	5.43%	1.175%
18	10.913	1455	1458	1464	rBV	455773	573769	2.72%	0.589%
19	11.025	1473	1477	1480	rVB	2391671	1854536	8.81%	1.905%
20	11.366	1533	1535	1537	rVB	434936	302413	1.44%	0.311%
21	11.395	1537	1540	1547	rVB5	169229	262309	1.25%	0.269%
22	11.466	1550	1552	1556	rVB2	255403	215043	1.02%	0.221%
23	11.519	1557	1561	1564	rBV	1373461	1236147	5.87%	1.270%
24	11.801	1606	1609	1610	rBV2	581807	565737	2.69%	0.581%
25	11.825	1610	1613	1617	rVB	3402824	2974012	14.12%	3.054%
26	11.925	1621	1630	1632	rBV	11544901	21059156	100.00%	21.629%
27	12.066	1647	1654	1658	rBV2	1539622	2109182	10.02%	2.166%
28	12.154	1666	1669	1673	rVB2	201111	223129	1.06%	0.229%
29	12.201	1673	1677	1678	rBV3	389891	476876	2.26%	0.490%
30	12.219	1678	1680	1684	rVB2	846486	782725	3.72%	0.804%
31	12.301	1691	1694	1699	rVB2	1015895	965770	4.59%	0.992%
32	12.354	1699	1703	1710	rBV9	244963	281373	1.34%	0.289%
33	12.724	1762	1766	1768	rVB	10285470	12876074	61.14%	13.224%
34	12.783	1768	1776	1781	rVV3	4347624	9142094	43.41%	9.389%

LSC Area Percent Report

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Acq On : 17 Jul 2018 4:19
Operator : JU/SJ
Sample : J3819-01 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AU-05-071318-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:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071618.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.836	1783	1785	1788	rVB2	681559	580242	2.76%	0.596%
36	12.936	1799	1802	1806	rVB2	2084764	1848244	8.78%	1.898%
37	12.995	1806	1812	1817	rVB4	413473	841329	4.00%	0.864%
38	13.054	1819	1822	1826	rBV5	185061	243551	1.16%	0.250%
39	13.119	1829	1833	1836	rBV	2407416	2316155	11.00%	2.379%
40	13.295	1856	1863	1866	rVB5	662105	1218895	5.79%	1.252%
41	13.348	1866	1872	1878	rVB	2968024	4259555	20.23%	4.375%
42	13.419	1881	1884	1887	rBV	2521819	2254402	10.71%	2.315%
43	13.442	1887	1888	1892	rVB4	296221	211836	1.01%	0.218%
44	13.483	1892	1895	1898	rBV4	310050	274474	1.30%	0.282%
45	13.530	1900	1903	1907	rVB4	600395	548252	2.60%	0.563%
46	13.583	1910	1912	1916	rVB2	413087	355927	1.69%	0.366%
47	13.754	1938	1941	1945	rVB5	363089	490976	2.33%	0.504%
48	13.854	1952	1958	1961	rBV4	921841	1603864	7.62%	1.647%
49	14.089	1994	1998	2001	rBV	2020309	1740949	8.27%	1.788%
50	14.171	2008	2012	2015	rBV	1215205	1172240	5.57%	1.204%
51	14.618	2085	2088	2090	rBV2	209097	212323	1.01%	0.218%
52	14.648	2091	2093	2101	rVB9	257054	289034	1.37%	0.297%
53	14.713	2101	2104	2107	rBV	826192	696711	3.31%	0.716%
54	15.307	2202	2205	2207	rBV3	319810	373655	1.77%	0.384%
55	15.707	2269	2273	2278	rVB2	674334	909664	4.32%	0.934%
56	16.183	2350	2354	2357	rVB5	282043	398304	1.89%	0.409%

Sum of corrected areas: 97366208

LSC Report - Integrated Chromatogram

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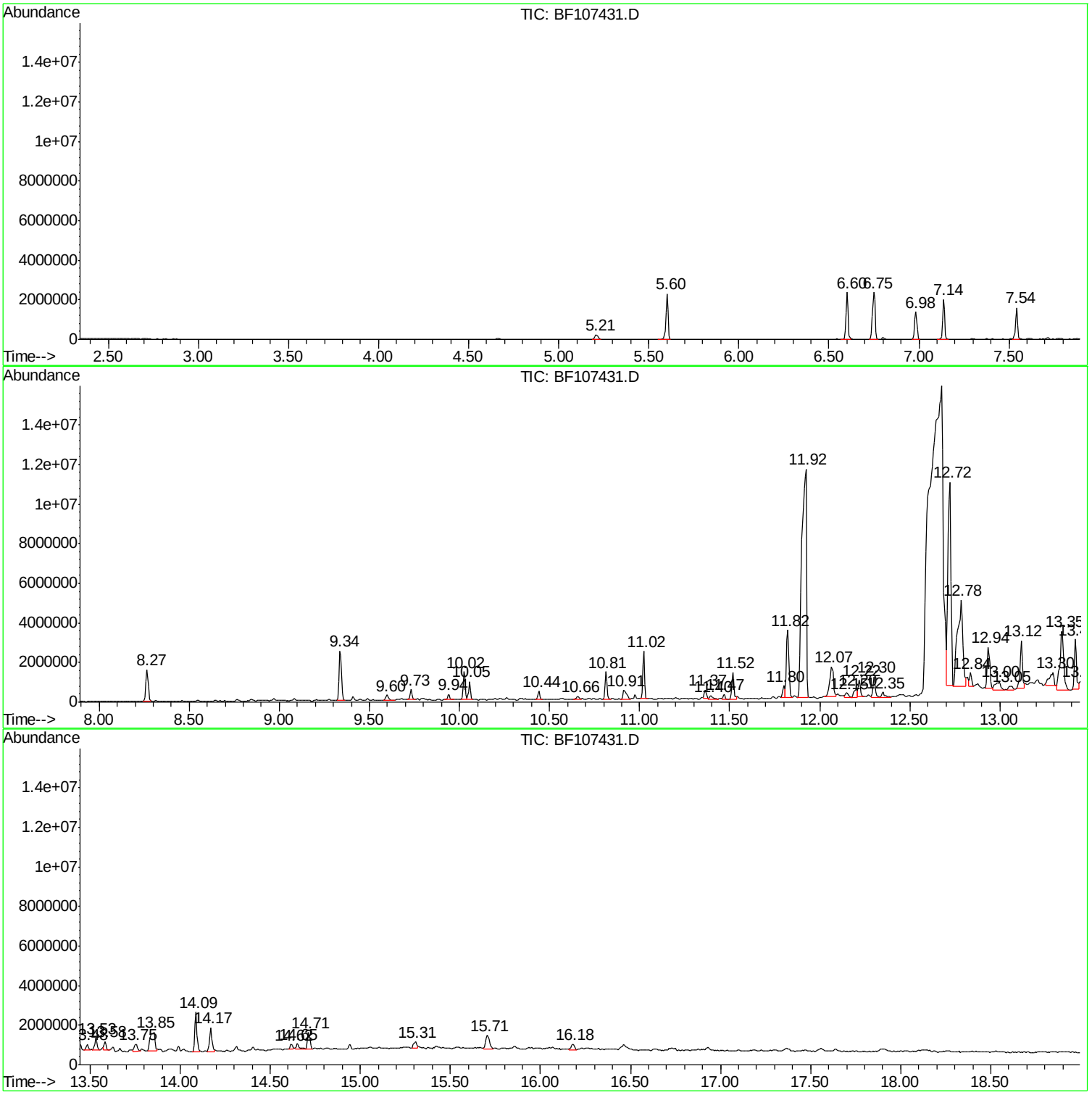
Data File : BF107431.D
Acq On : 17 Jul 2018 4:19
Operator : JU/SJ
Sample : J3819-01 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
AU-05-071318-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071618\
Data File : BF107431.D
Acq On : 17 Jul 2018 4:19
Operator : JU/SJ
Sample : J3819-01 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AU-05-071318-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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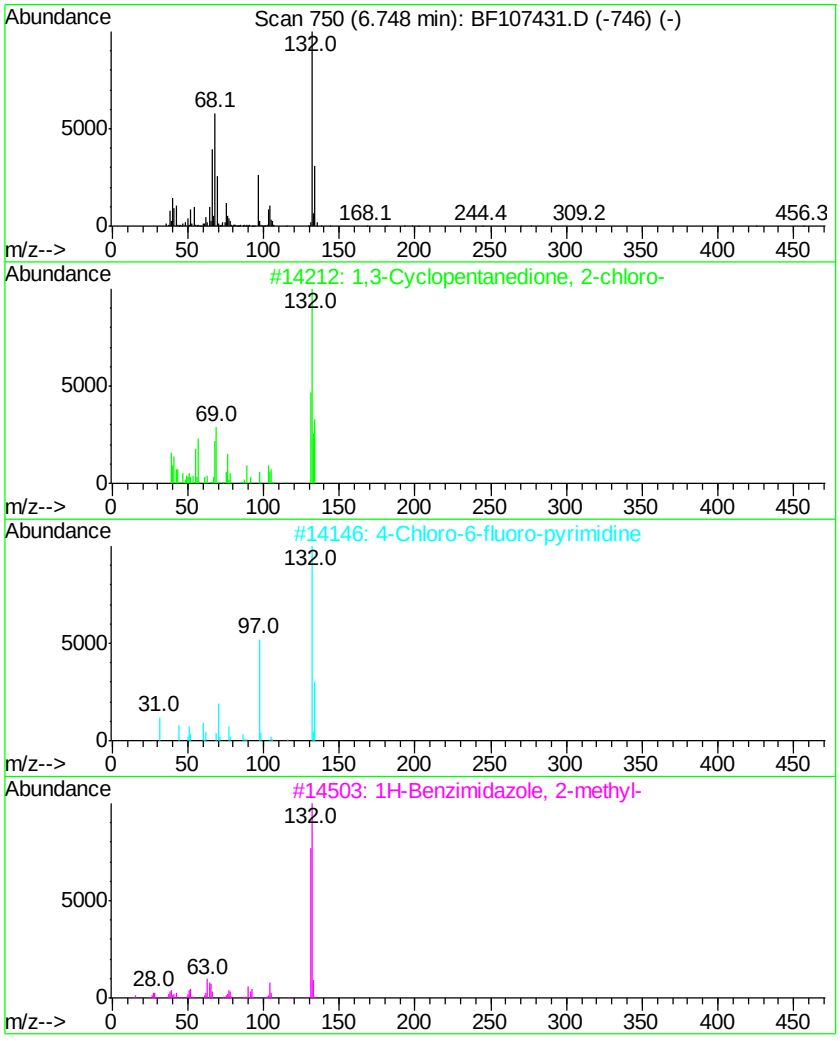
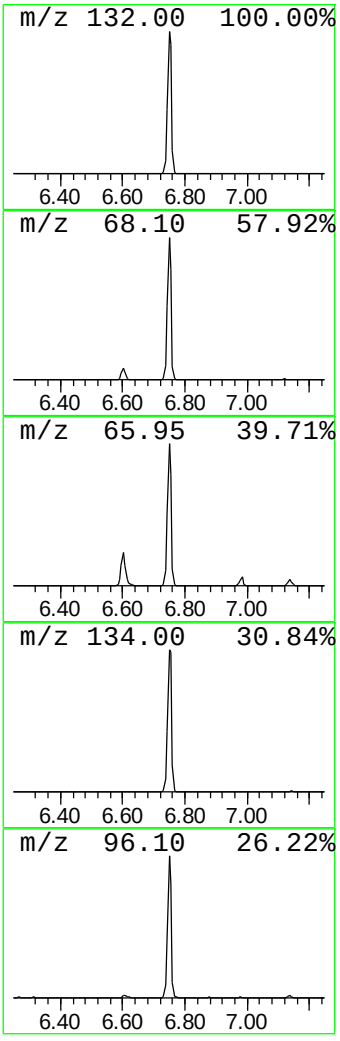
****

Peak Number 1 unknown6.75 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.75	38.65 ng	2174010	1,4-Dichlorobenzene-d4	6.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	16
2	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	14
3	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	14
4	1H-Indazole, 3-methyl-	132	C8H8N2	1000316-00-2	10
5	3H-1,2-Dithiol-3-one, 5-methyl-	132	C4H4OS2	003620-08-4	10





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071618\
Data File : BF107431.D
Acq On : 17 Jul 2018 4:19
Operator : JU/SJ
Sample : J3819-01 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AU-05-071318-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

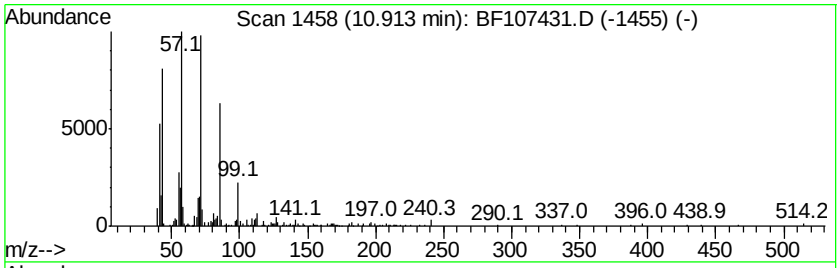
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

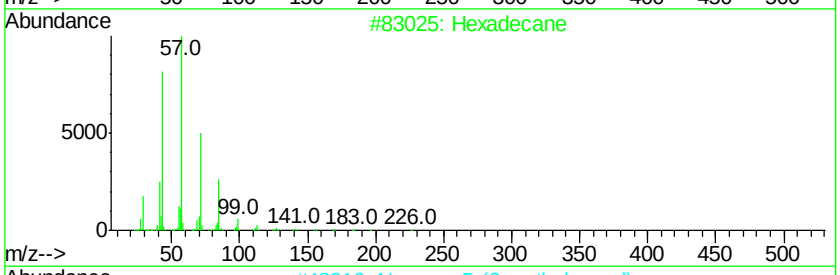
****

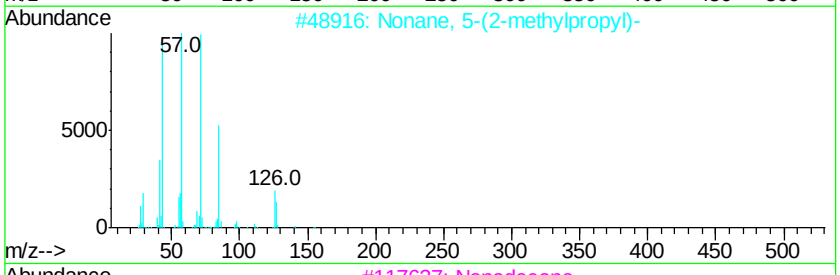
Peak Number 3 Hexadecane Concentration Rank 17

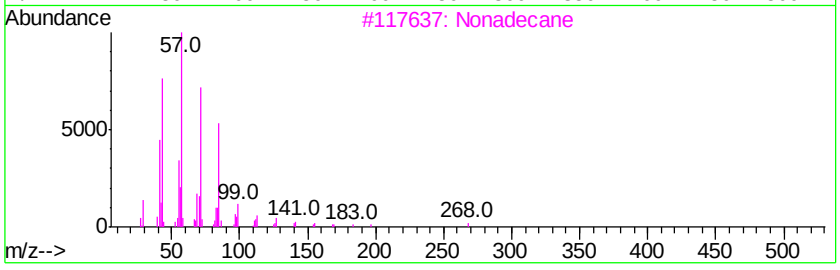
R.T.	EstConc	Area	Relative to ISTD	R.T.
10.91	9.28 ng	573769	Phenanthrene-d10	11.52

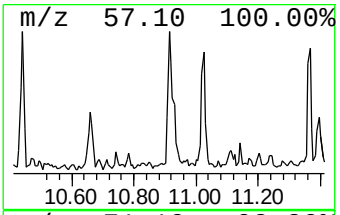
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	76
2	Nonane, 5-(2-methylpropyl)-	184	C13H28	062185-53-9	72
3	Nonadecane	268	C19H40	000629-92-5	72
4	1-Decene, 4-methyl-	154	C11H22	013151-29-6	60
5	Heptane, 3,3-dimethyl-	128	C9H20	004032-86-4	53

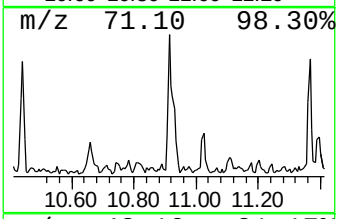


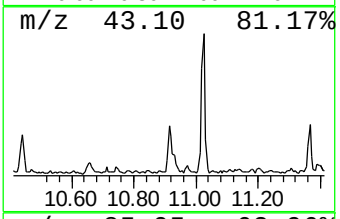


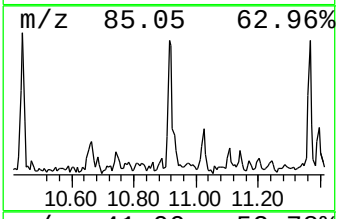


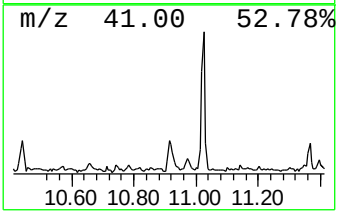












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Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AU-05-071318-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

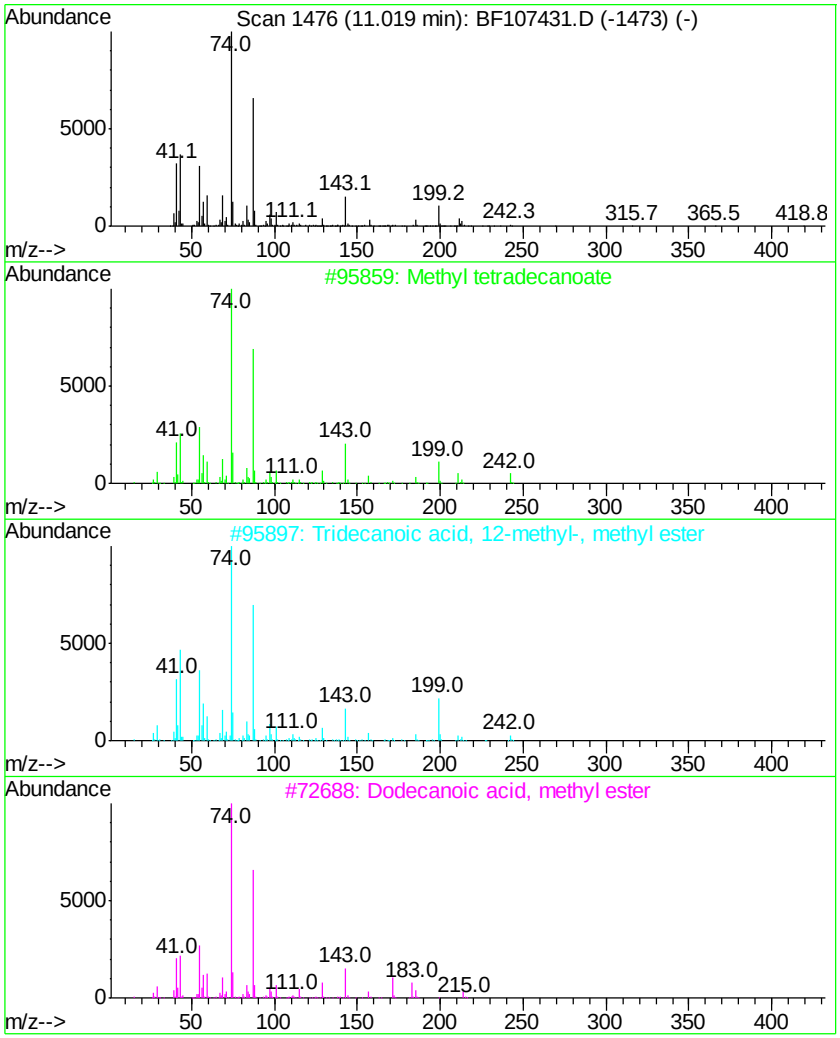
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

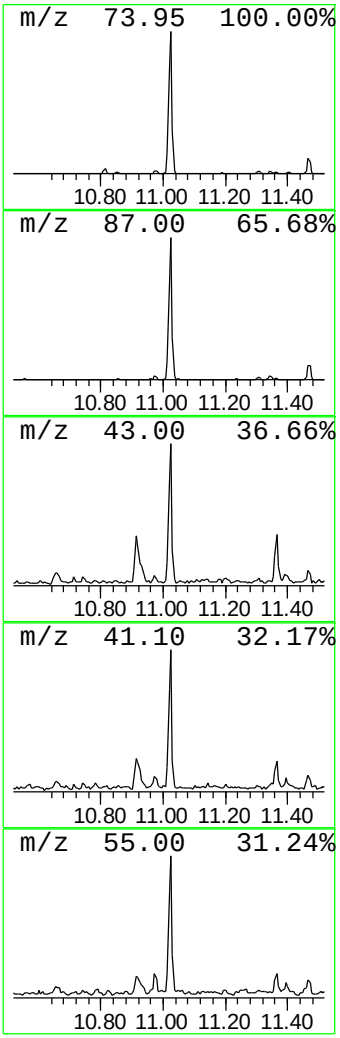
****

Peak Number 4 Methyl tetradecanoate Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.02	30.01 ng	1854540	Phenanthrene-d10	11.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl tetradecanoate	242	C15H30O2	000124-10-7	91
2	Tridecanoic acid, 12-methyl-, me...	242	C15H30O2	005129-58-8	90
3	Dodecanoic acid, methyl ester	214	C13H26O2	000111-82-0	86
4	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	86
5	Undecanoic acid, 10-methyl-, met...	214	C13H26O2	005129-56-6	86





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Instrument : BNA_F
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071618.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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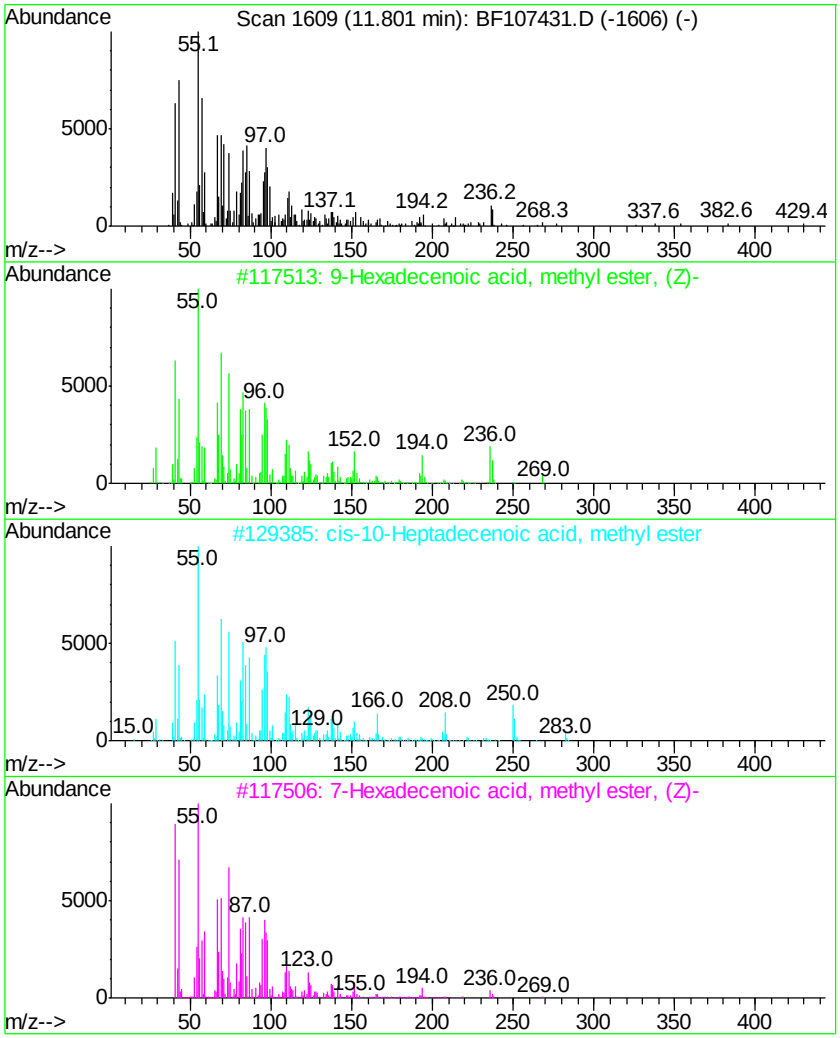
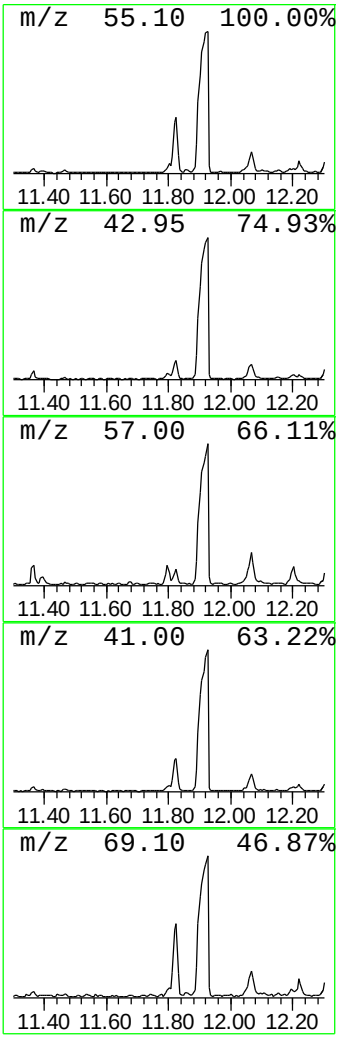
Peak Number 5 9-Hexadecenoic acid, methyl... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.80	9.15 ng	565737	Phenanthrene-d10	11.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Hexadecenoic acid, methyl este...	268	C17H32O2	001120-25-8	92
2	cis-10-Heptadecenoic acid, methy...	282	C18H34O2	1000333-62-1	70
3	7-Hexadecenoic acid, methyl este...	268	C17H32O2	056875-67-3	62
4	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	62
5	11-Octadecenoic acid, methyl ester	296	C19H36O2	052380-33-3	49





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

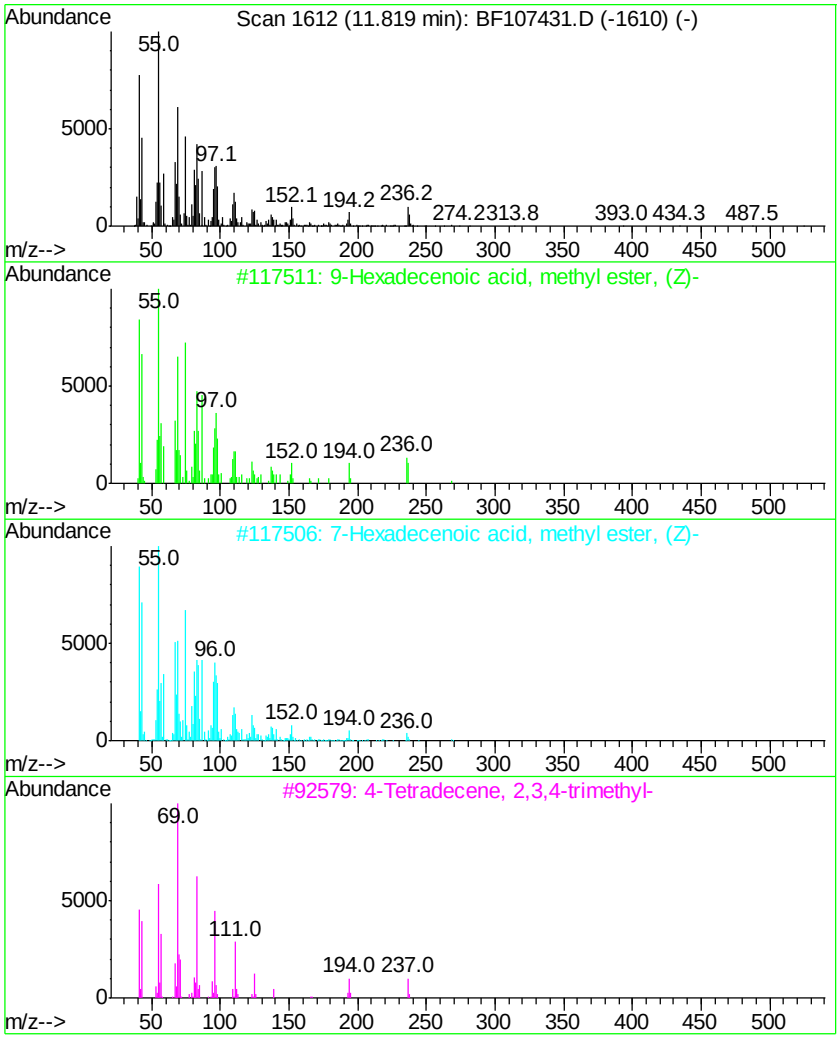
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

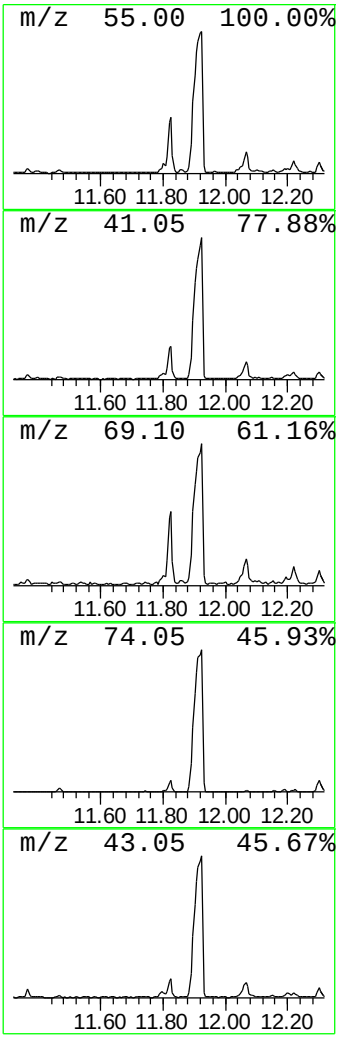
****

Peak Number 6 7-Hexadecenoic acid, methyl... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.82	48.12 ng	2974010	Phenanthrene-d10	11.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Hexadecenoic acid, methyl este...	268	C17H32O2	001120-25-8	91
2	7-Hexadecenoic acid, methyl este...	268	C17H32O2	056875-67-3	83
3	4-Tetradecene, 2,3,4-trimethyl-	238	C17H34	055103-81-6	55
4	cis-2-Methyl-4-n-pentylthiane, S...	218	C11H22O2S	1000215-67-9	55
5	1,19-Eicosadiene	278	C20H38	014811-95-1	43





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071618\
Data File : BF107431.D
Acq On : 17 Jul 2018 4:19
Operator : JU/SJ
Sample : J3819-01 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AU-05-071318-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

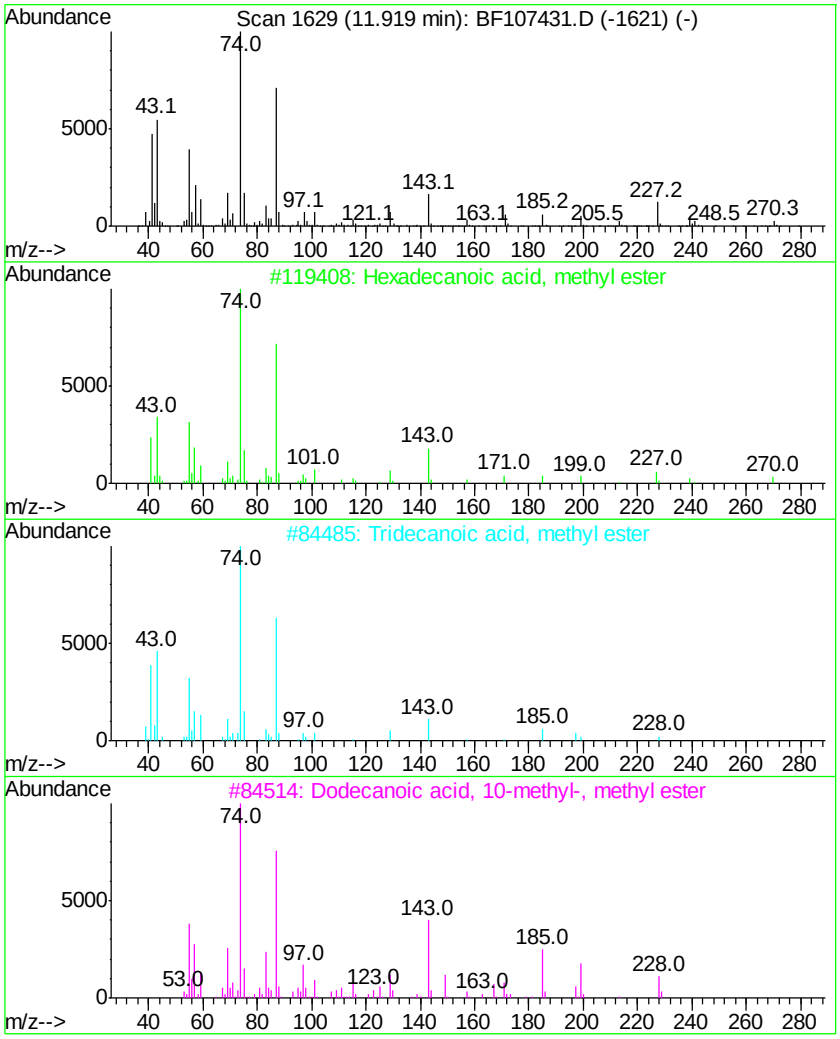
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

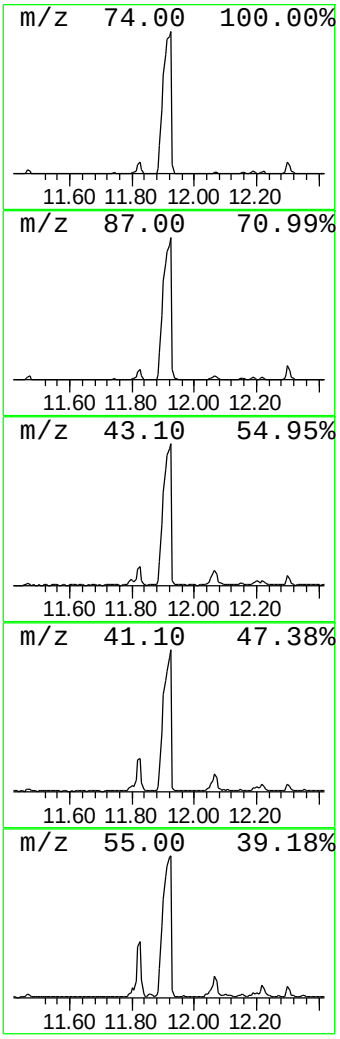
****

Peak Number 7 Hexadecanoic acid, methyl e... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.92	340.72 ng	21059200	Phenanthrene-d10	11.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	97
2	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	93
3	Dodecanoic acid, 10-methyl-, met...	228	C14H28O2	005129-65-7	83
4	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	81
5	Hexadecanoic acid, 15-methyl-, m...	284	C18H36O2	006929-04-0	80





Library Search Compound Report

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Acq On : 17 Jul 2018 4:19
Operator : JU/SJ
Sample : J3819-01 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AU-05-071318-A

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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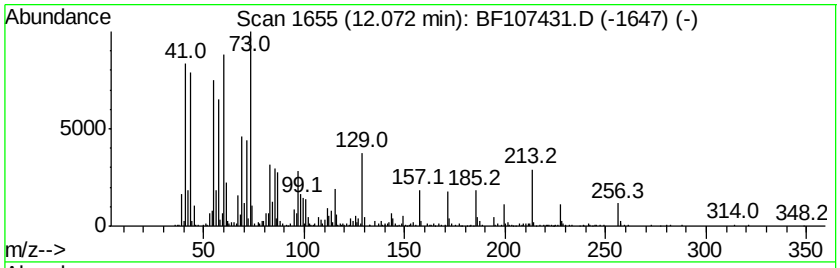
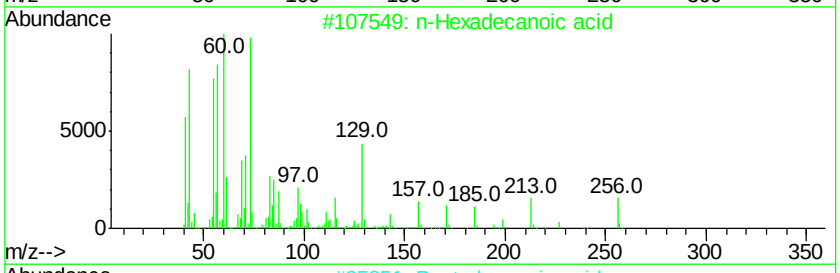
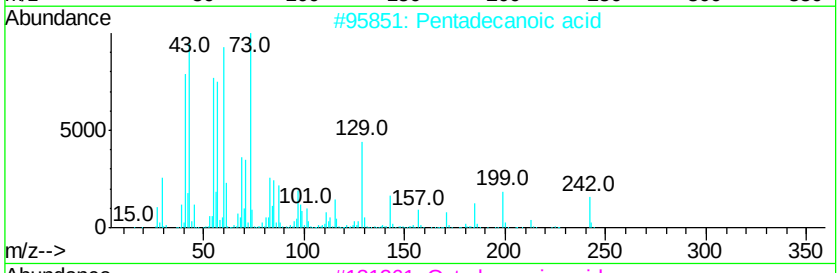
Peak Number 8 n-Hexadecanoic acid Concentration Rank 6

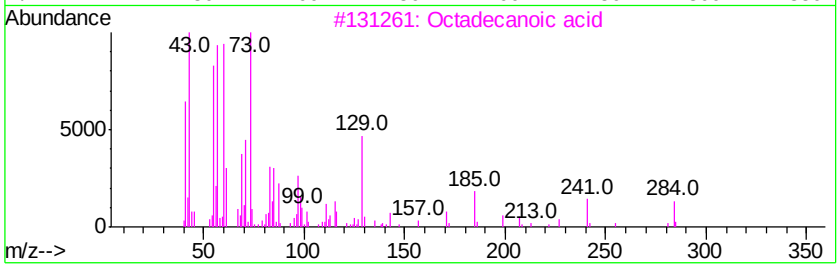
R.T.	EstConc	Area	Relative to ISTD	R.T.
12.07	34.13 ng	2109180	Phenanthrene-d10	11.52

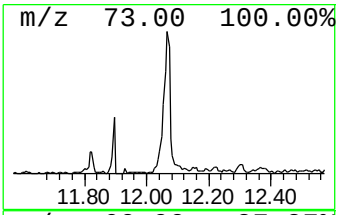
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
3	Octadecanoic acid	284	C18H36O2	000057-11-4	74
4	Tridecanoic acid	214	C13H26O2	000638-53-9	64
5	n-Decanoic acid	172	C10H20O2	000334-48-5	64

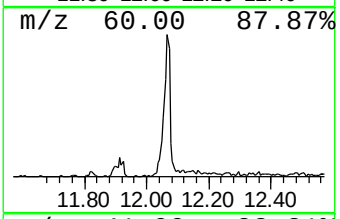


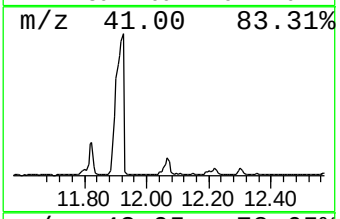


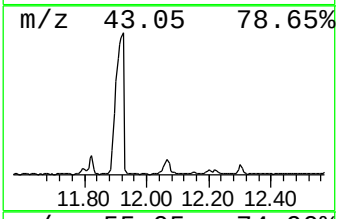


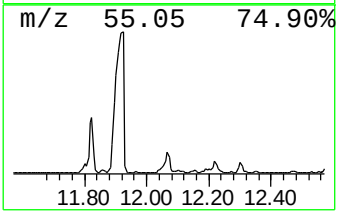












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Acq On : 17 Jul 2018 4:19
Operator : JU/SJ
Sample : J3819-01 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AU-05-071318-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

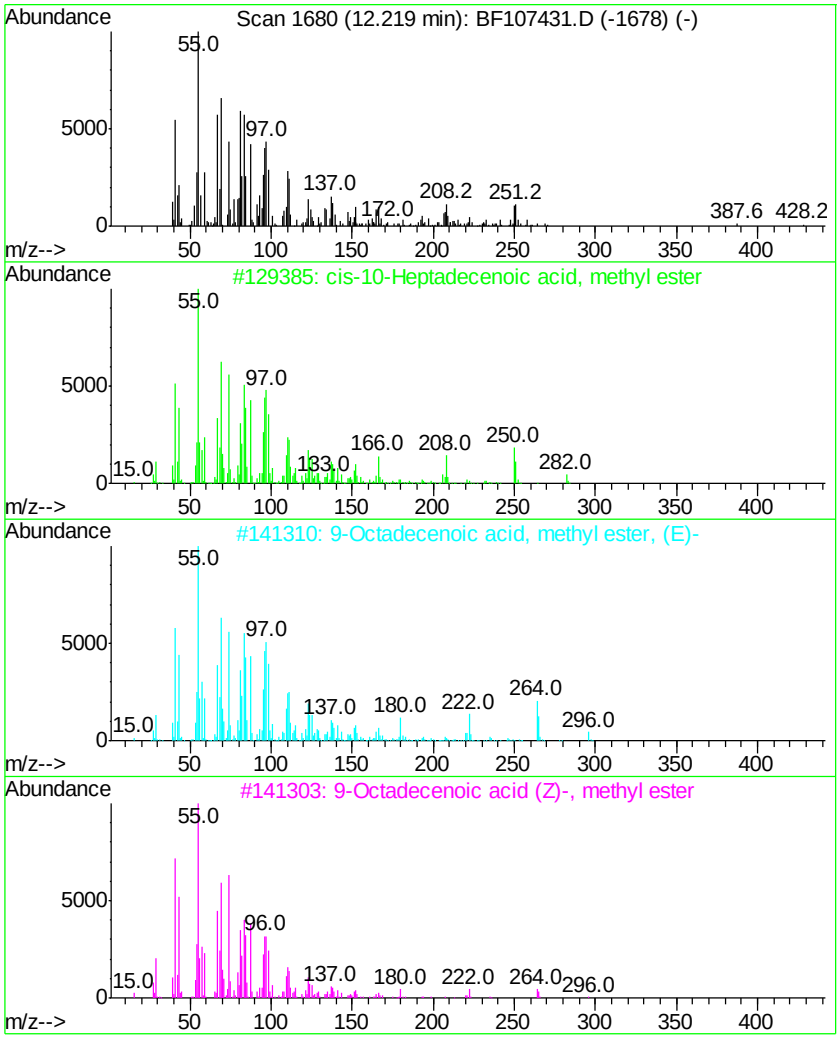
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

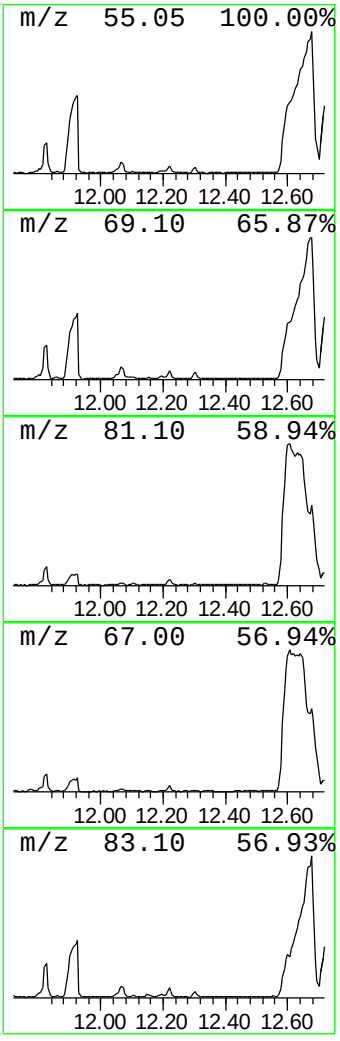
****

Peak Number 9 cis-10-Heptadecenoic acid, ... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.22	12.66 ng	782725	Phenanthrene-d10	11.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	cis-10-Heptadecenoic acid, methy...	282	C18H34O2	1000333-62-1	87
2	9-Octadecenoic acid, methyl este...	296	C19H36O2	001937-62-8	72
3	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	64
4	Methyl 8-heptadecenoate	282	C18H34O2	1000336-36-4	58
5	Cyclohexane, 1-(cyclohexylmethyl...	208	C15H28	054934-92-8	38





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Instrument : BNA_F
ClientSampleId : AU-05-071318-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

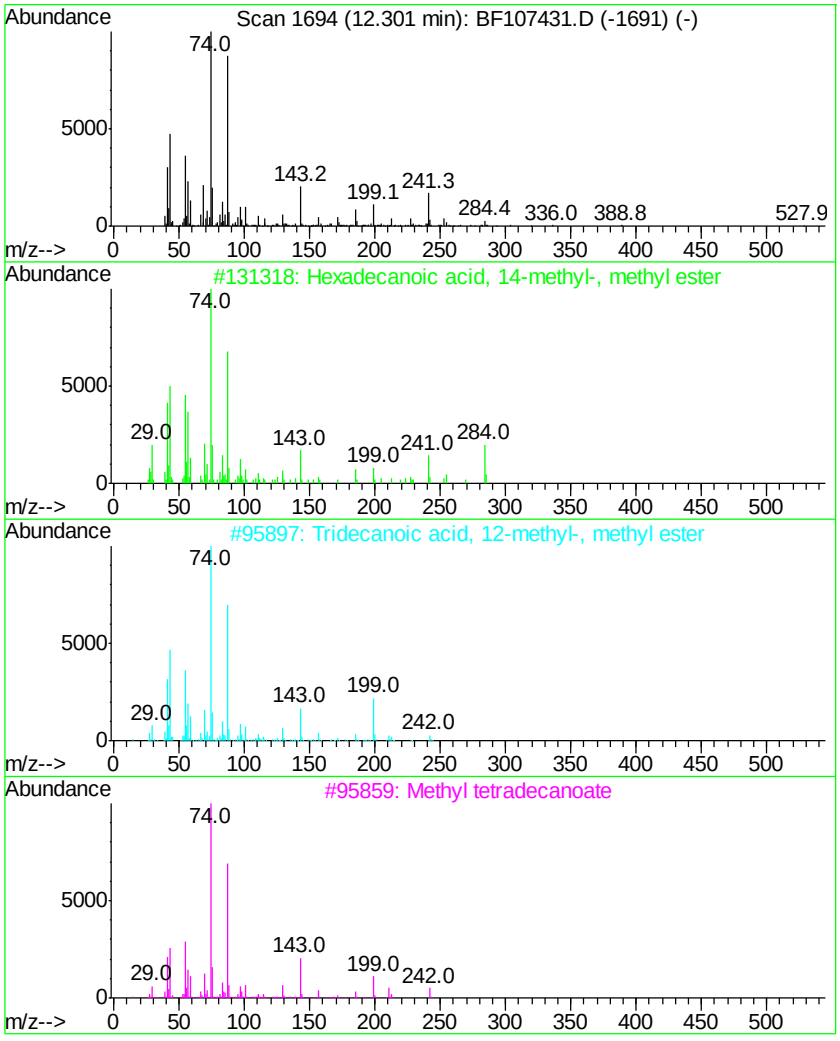
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

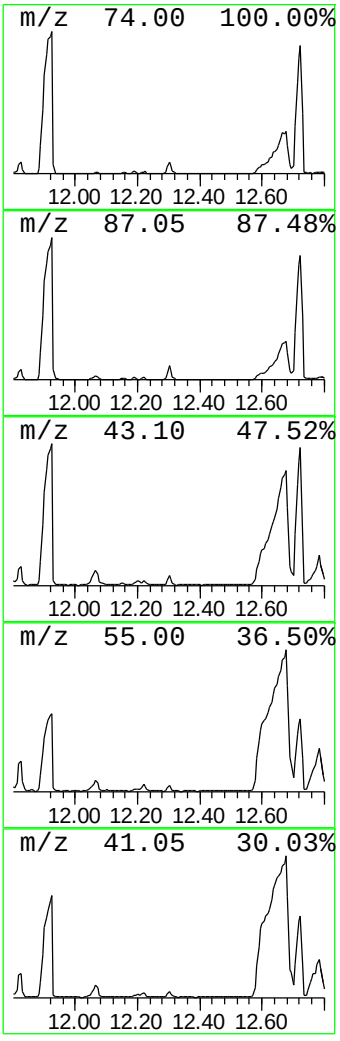
****

Peak Number 10 Hexadecanoic acid, 14-methy... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.30	15.63 ng	965770	Phenanthrene-d10	11.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, 14-methyl-, m...	284	C18H36O2	002490-49-5	97
2	Tridecanoic acid, 12-methyl-, me...	242	C15H30O2	005129-58-8	93
3	Methyl tetradecanoate	242	C15H30O2	000124-10-7	91
4	Methyl stearate	298	C19H38O2	000112-61-8	90
5	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	87





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Sample : J3819-01 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AU-05-071318-A

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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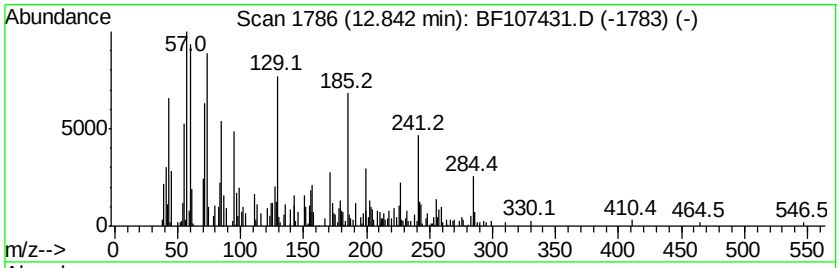
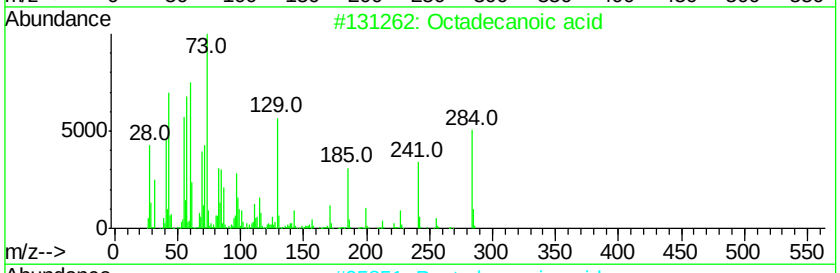
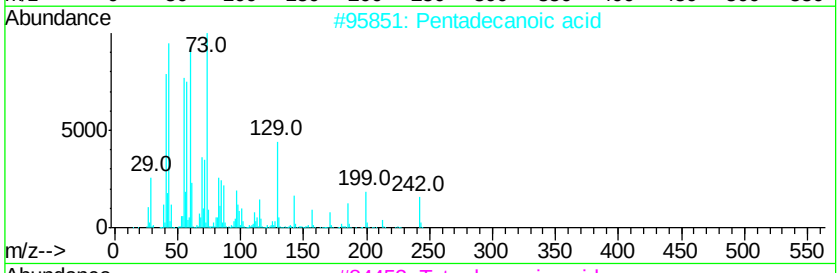
Peak Number 11 Octadecanoic acid Concentration Rank 15

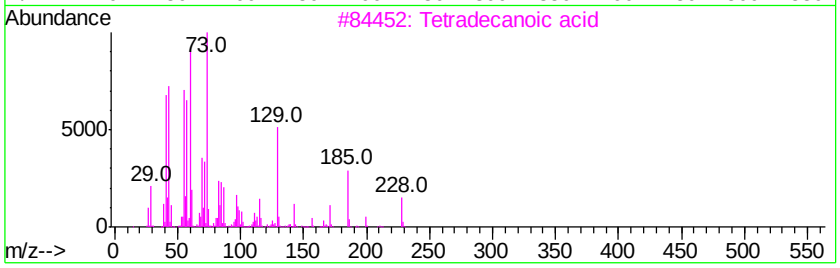
R.T.	EstConc	Area	Relative to ISTD	R.T.
12.84	9.39 ng	580242	Phenanthrene-d10	11.52

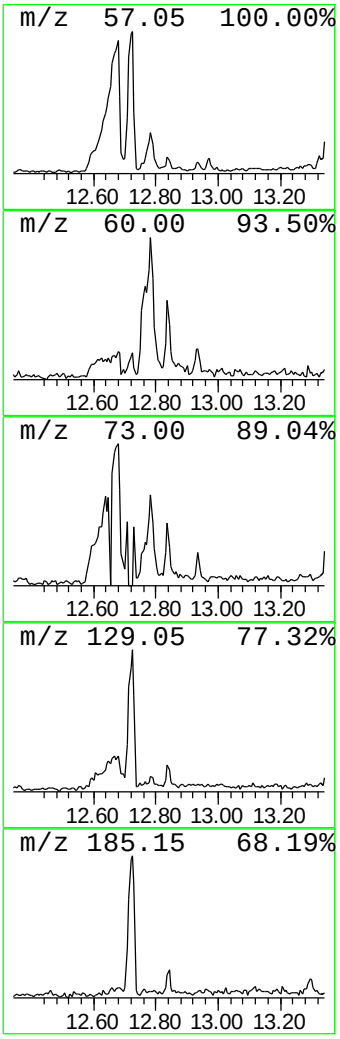
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	81
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	70
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	68
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	64
5	i-Propyl 16-methyl-heptadecanoate	326	C21H42O2	1000336-66-3	53











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Operator : JU/SJ
Sample : J3819-01 2X
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Instrument : BNA_F
ClientSampleId : AU-05-071318-A

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

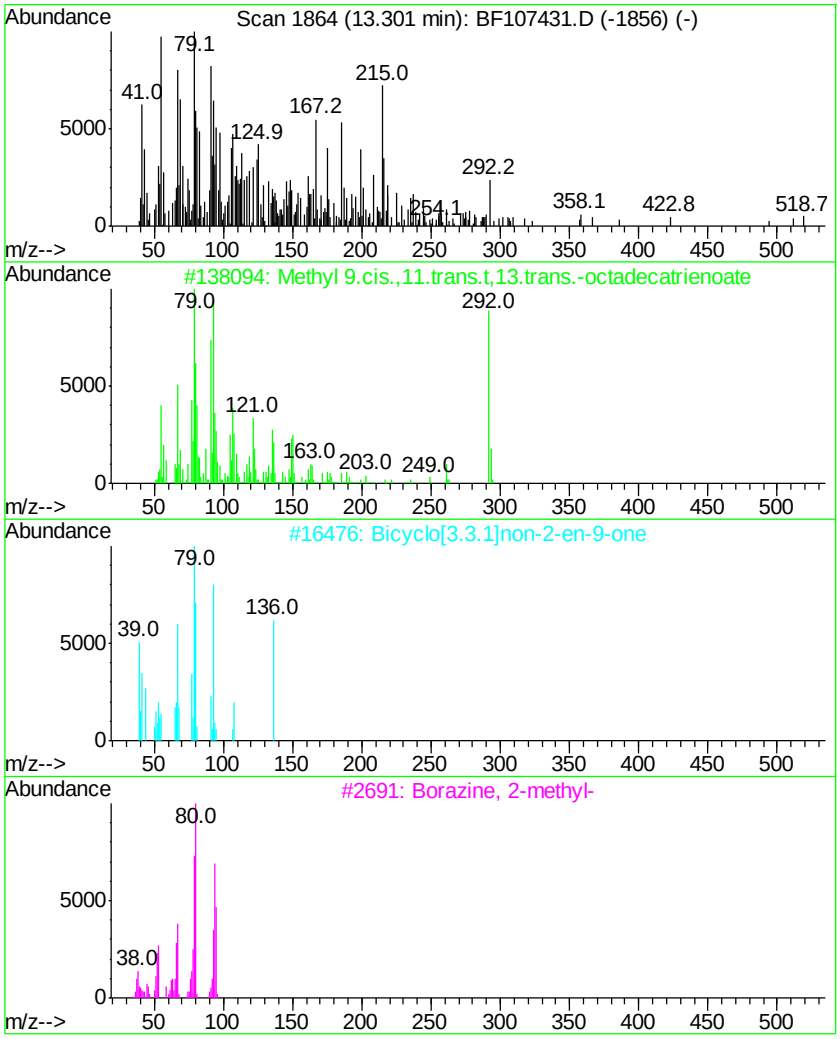
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

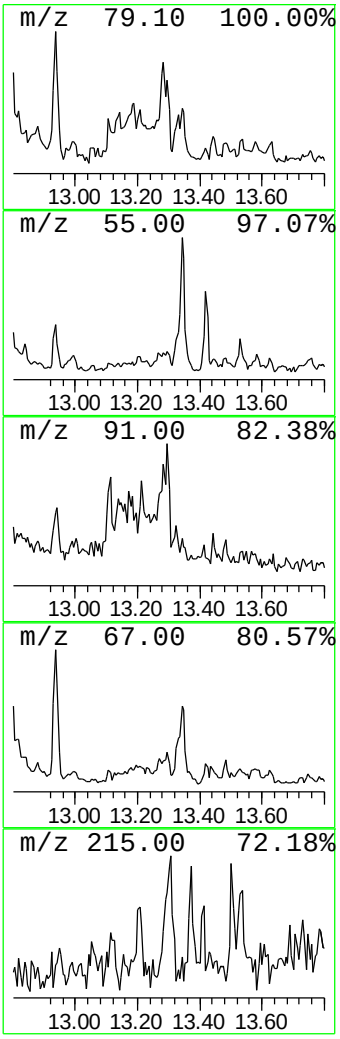
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.30	20.80 ng	1218900	Chrysene-d12	14.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl 9.cis.,11.trans.t,13.tran...	292	C19H32O2	1000336-42-6	89
2	Bicyclo[3.3.1]non-2-en-9-one	136	C9H12O	004844-11-5	87
3	Borazine, 2-methyl-	95	CH8B3N3	021127-95-7	64
4	1,3-Cyclododecadiene, (E,Z)-	164	C12H20	001129-92-6	64
5	6,9,12-Octadecatrienoic acid, me...	292	C19H32O2	002676-41-7	62





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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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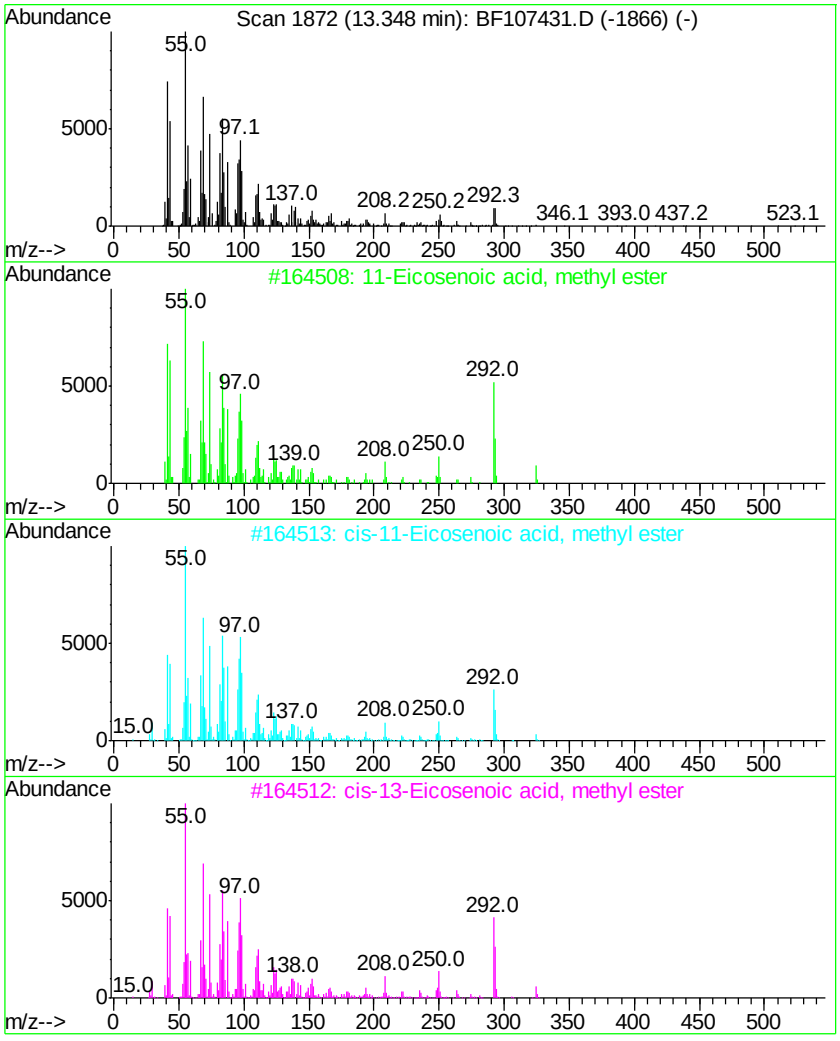
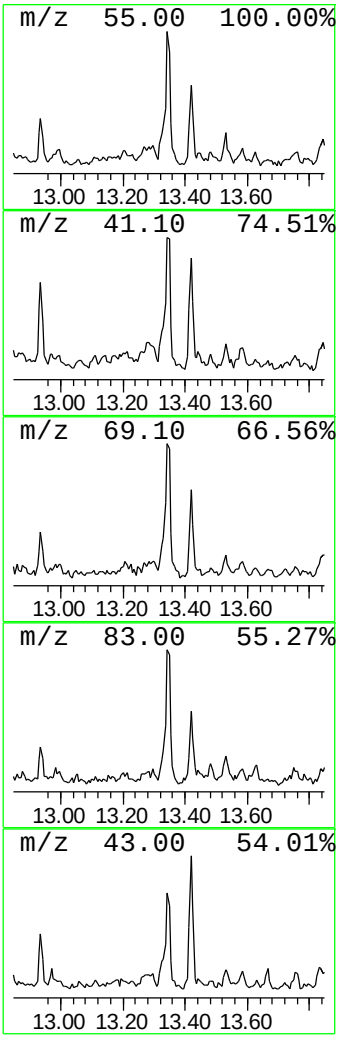
Peak Number 13 11-Eicosenoic acid, methyl ... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.35	72.67 ng	4259560	Chrysene-d12	14.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11-Eicosenoic acid, methyl ester	324	C21H40O2	003946-08-5	99
2	cis-11-Eicosenoic acid, methyl e...	324	C21H40O2	1000333-63-8	91
3	cis-13-Eicosenoic acid, methyl e...	324	C21H40O2	1000333-52-1	91
4	12-Octadecenoic acid, methyl ester	296	C19H36O2	056554-46-2	87
5	cis-13-Octadecenoic acid, methyl...	296	C19H36O2	1000333-58-3	76





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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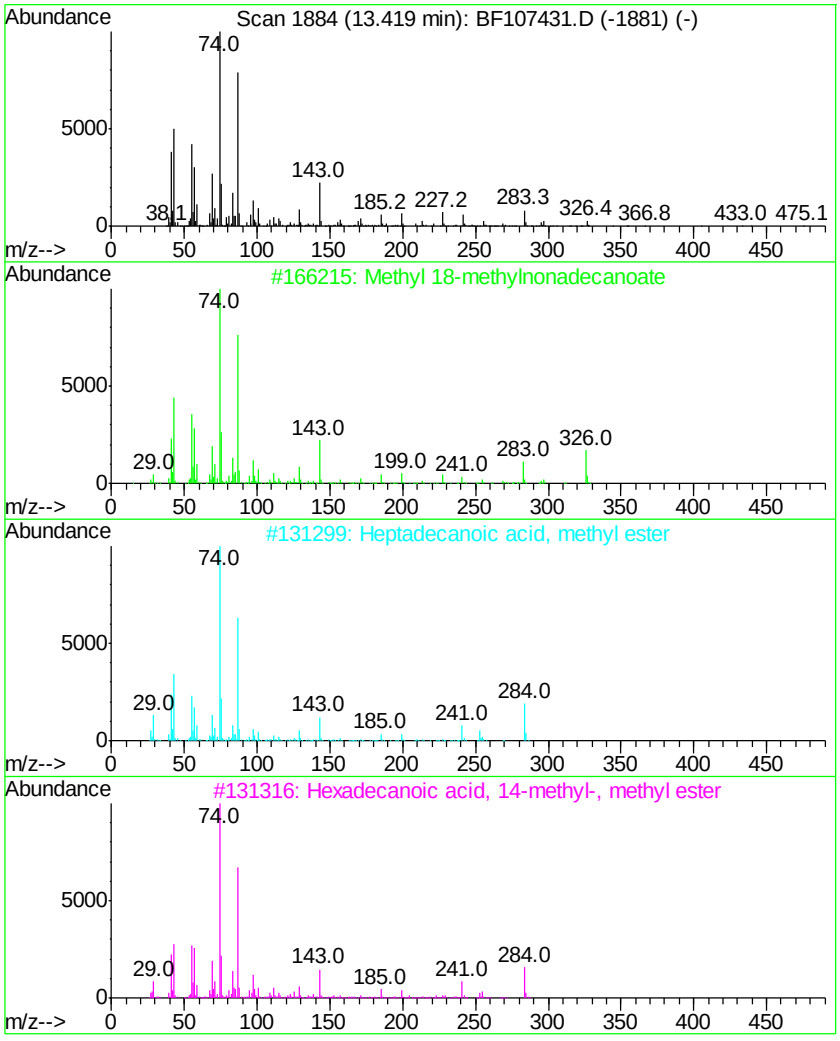
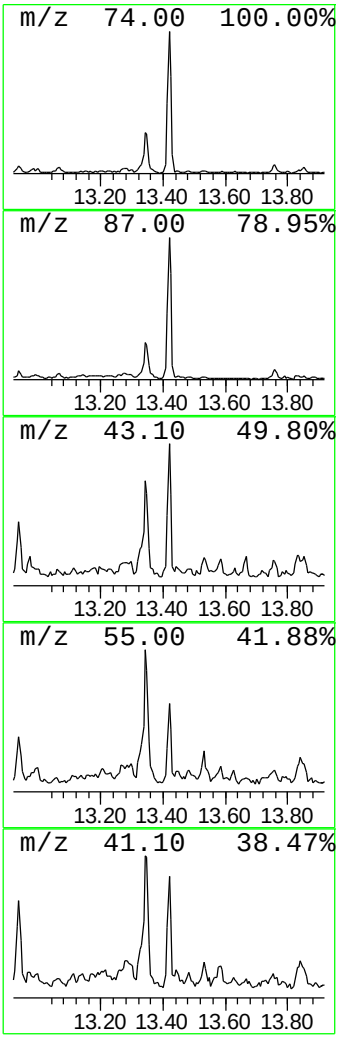
Peak Number 14 Methyl 18-methylnonadecanoate Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.42	38.46 ng	2254400	Chrysene-d12	14.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl 18-methylnonadecanoate	326	C21H42O2	1000352-20-6	98
2	Heptadecanoic acid, methyl ester	284	C18H36O2	001731-92-6	95
3	Hexadecanoic acid, 14-methyl-, m...	284	C18H36O2	002490-49-5	94
4	Eicosanoic acid, methyl ester	326	C21H42O2	001120-28-1	93
5	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	91





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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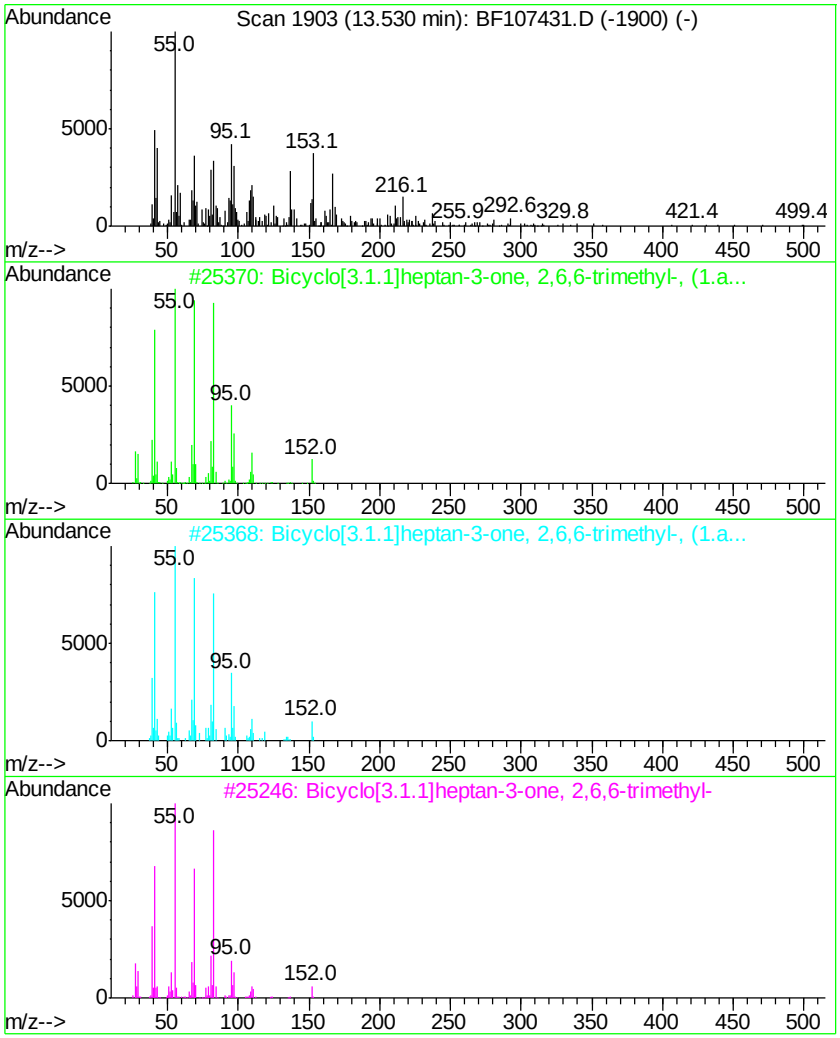
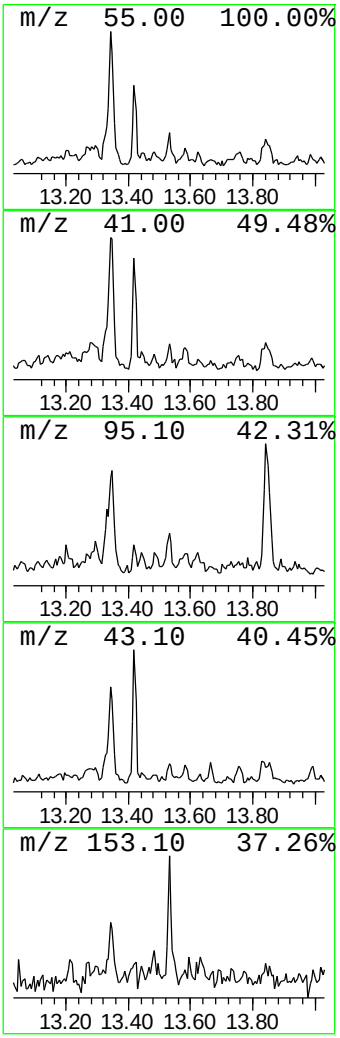
Peak Number 15 unknown13.53 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.53	9.35 ng	548252	Chrysene-d12	14.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[3.1.1]heptan-3-one, 2,6,...	152	C10H16O	000547-60-4	38
2	Bicyclo[3.1.1]heptan-3-one, 2,6,...	152	C10H16O	015358-88-0	27
3	Bicyclo[3.1.1]heptan-3-one, 2,6,...	152	C10H16O	018358-53-7	16
4	Cyclopentanecarboxylic acid, 1-(...	210	C12H18O3	112825-89-5	15
5	2-Butyl-3-methyl-5-(2-methylprop...	222	C15H26O	1000281-10-7	12





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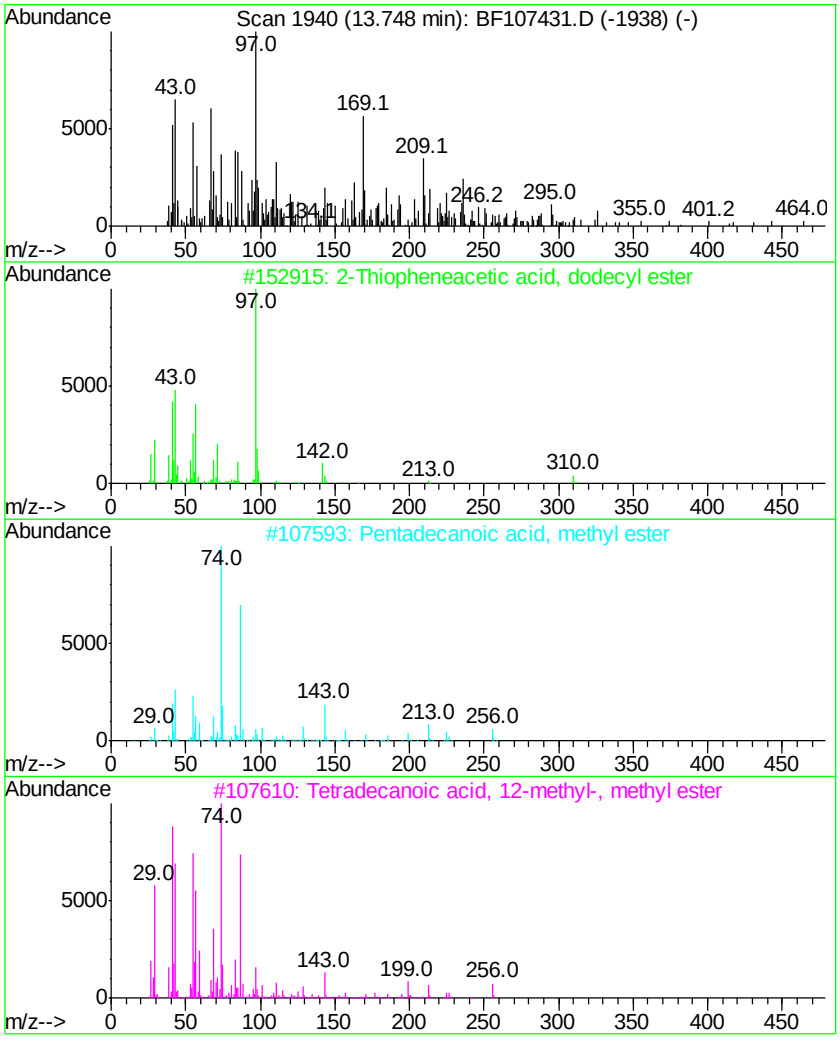
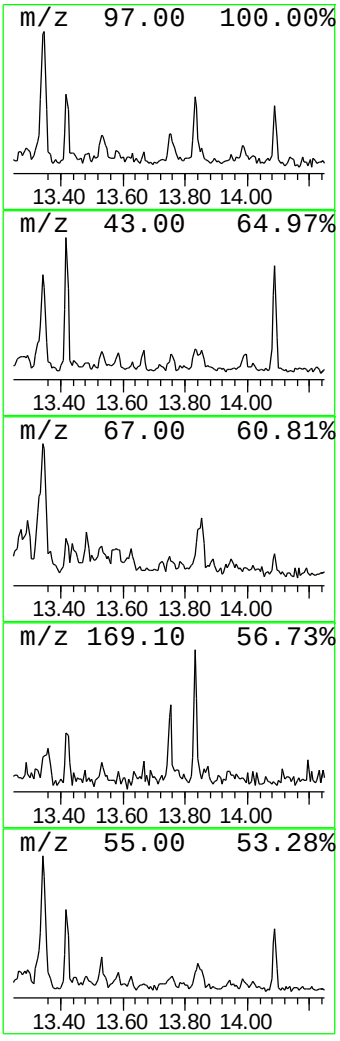
Peak Number 16 unknown13.75 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.75	8.38 ng	490976	Chrysene-d12	14.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Thiopheneacetic acid, dodecyl ...	310	C18H30O2S	1000278-91-7	25
2	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	25
3	Tetradecanoic acid, 12-methyl-, ...	256	C16H32O2	005129-66-8	25
4	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	25
5	Undecanoic acid, methyl ester	200	C12H24O2	001731-86-8	25





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ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AU-05-071318-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071618.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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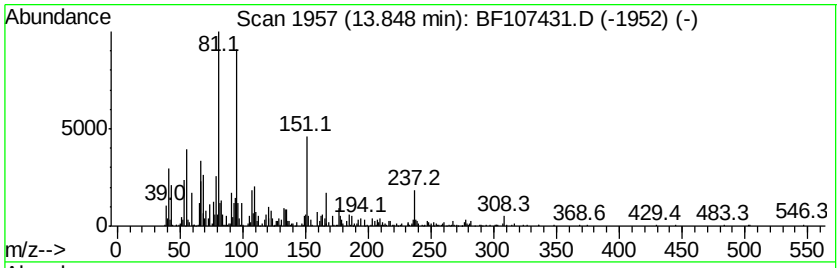
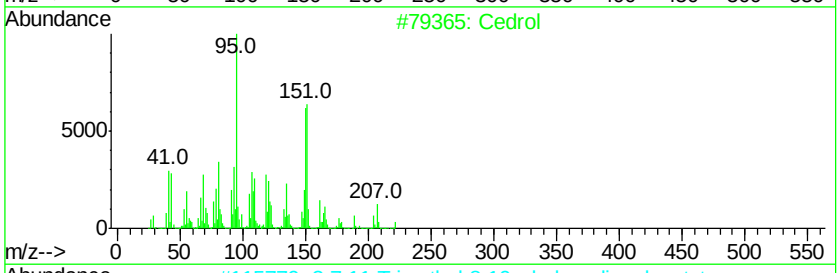
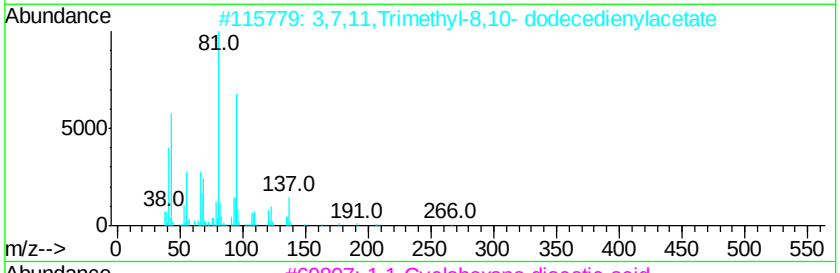
Peak Number 17 Cedrol Concentration Rank 10

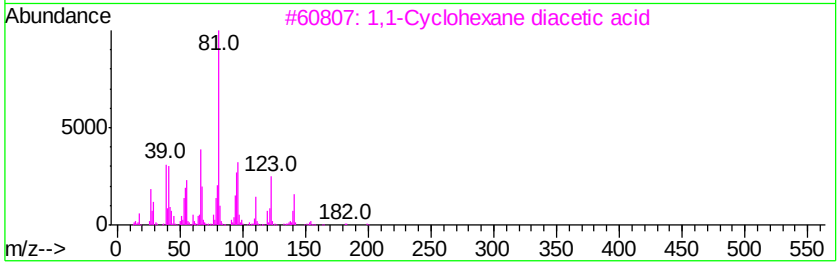
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.85	27.36 ng	1603860	Chrysene-d12	14.17

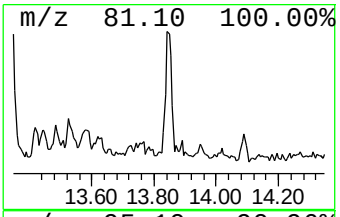
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cedrol	222	C15H26O	000077-53-2	50
2	3,7,11,Trimethyl-8,10- dodecedie...	266	C17H30O2	1000374-10-3	22
3	1,1-Cyclohexane diacetic acid	200	C10H16O4	009355-11-7	14
4	Cyclopentaneethanol, 2-(hydroxym...	172	C10H20O2	000485-42-7	14
5	Naphthalene, decahydro-2,2-dimet...	166	C12H22	031124-85-3	11

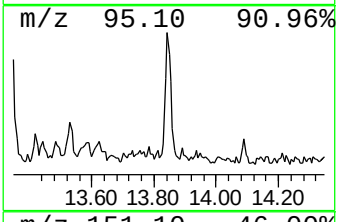


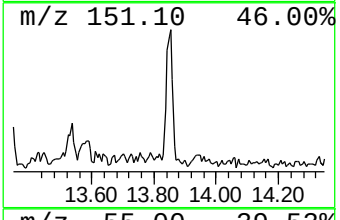


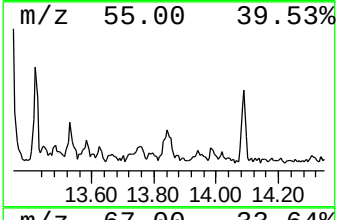


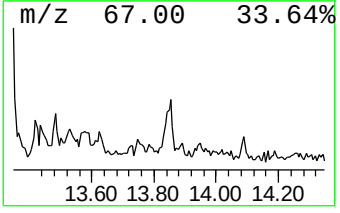












Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071618\
Data File : BF107431.D
Acq On : 17 Jul 2018 4:19
Operator : JU/SJ
Sample : J3819-01 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AU-05-071318-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071618.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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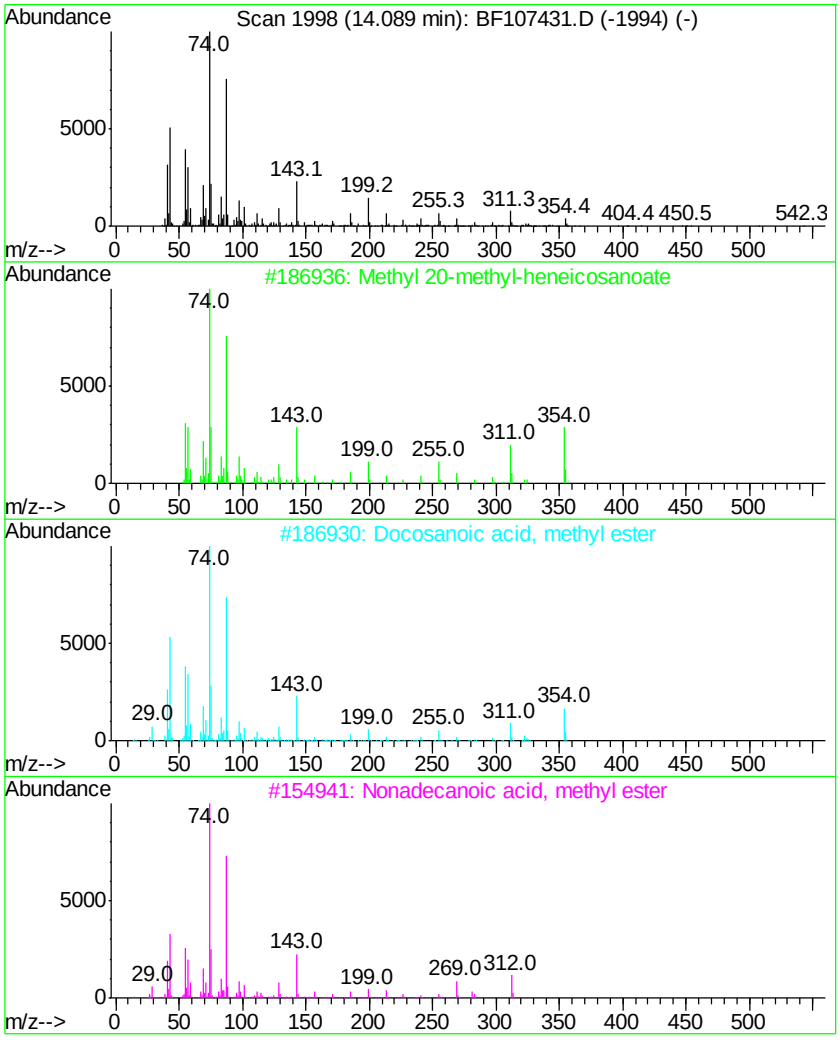
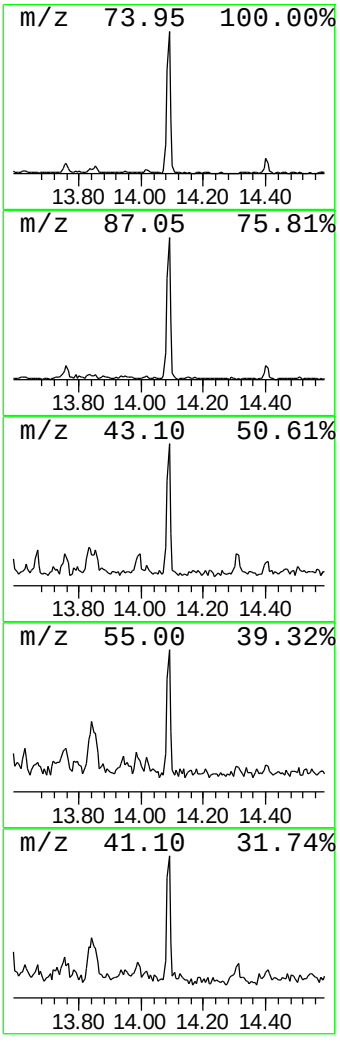
Peak Number 18 Methyl 20-methyl-heneicosan... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.09	29.70 ng	1740950	Chrysene-d12	14.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl 20-methyl-heneicosanoate	354	C23H46O2	1000336-47-4	98
2	Docosanoic acid, methyl ester	354	C23H46O2	000929-77-1	98
3	Nonadecanoic acid, methyl ester	312	C20H40O2	001731-94-8	93
4	Methyl stearate	298	C19H38O2	000112-61-8	90
5	Tridecanoic acid, 12-methyl-, me...	242	C15H30O2	005129-58-8	87





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Operator : JU/SJ
Sample : J3819-01 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AU-05-071318-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071618.M
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TIC Integration Parameters: LSCINT.P

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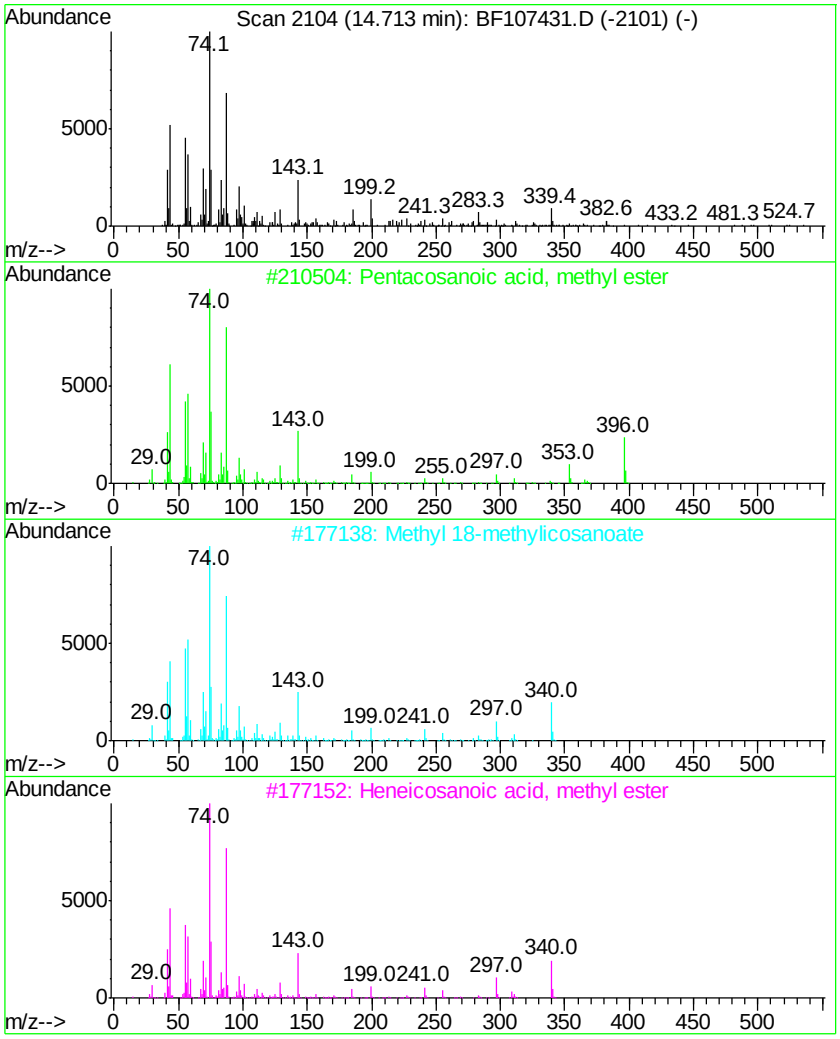
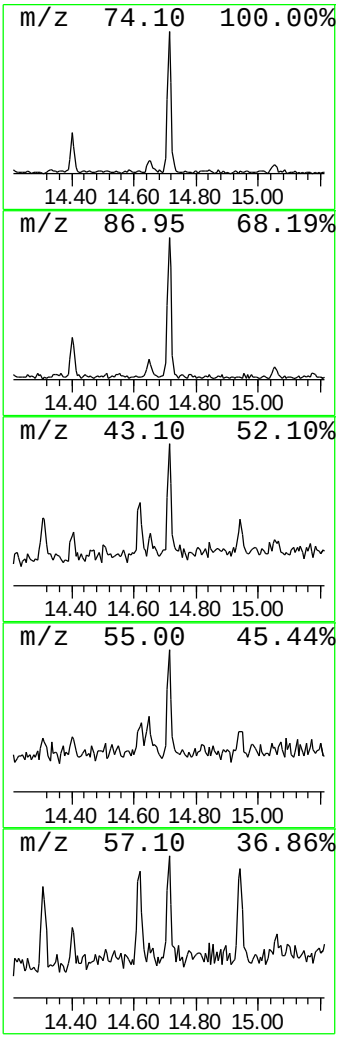
Peak Number 19 Pentacosanoic acid, methyl ... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.71	11.89 ng	696711	Chrysene-d12	14.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentacosanoic acid, methyl ester	396	C26H52O2	055373-89-2	95
2	Methyl 18-methylicosanoate	340	C22H44O2	1000352-20-5	93
3	Heneicosanoic acid, methyl ester	340	C22H44O2	006064-90-0	93
4	Tetracosanoic acid, methyl ester	382	C25H50O2	002442-49-1	91
5	Hexadecanoic acid, 14-methyl-, m...	284	C18H36O2	002490-49-5	91





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Data File : BF107431.D
Acq On : 17 Jul 2018 4:19
Operator : JU/SJ
Sample : J3819-01 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AU-05-071318-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071618.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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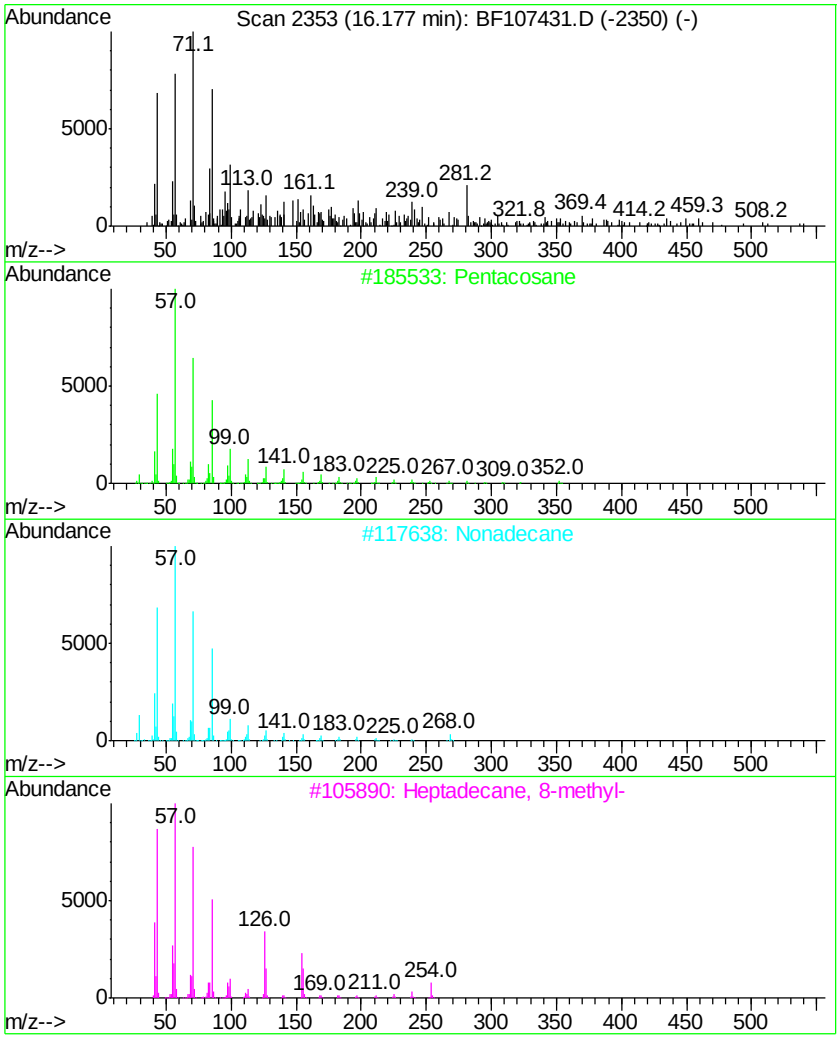
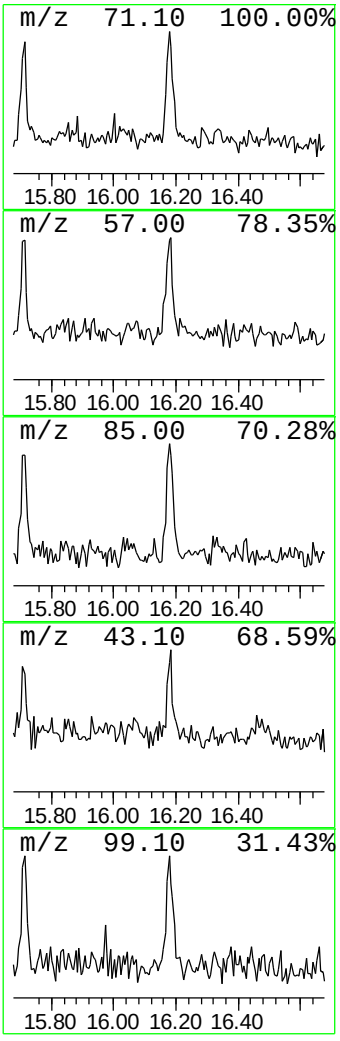
Peak Number 20 Pentacosane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.18	8.76 ng	398304	Perylene-d12	15.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentacosane	352	C25H52	000629-99-2	90
2	Nonadecane	268	C19H40	000629-92-5	90
3	Heptadecane, 8-methyl-	254	C18H38	013287-23-5	90
4	Octadecane	254	C18H38	000593-45-3	90
5	Tetracosane	338	C24H50	000646-31-1	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF071618\
Data File : BF107431.D
Acq On : 17 Jul 2018 4:19
Operator : JU/SJ
Sample : J3819-01 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AU-05-071318-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071618.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
unknown6.75	6.75	38.6	ng	2174010	1	6.98	1124950	20.0
Hexadecane	10.91	9.3	ng	573769	4	11.52	1236150	20.0
Methyl tetradecan...	11.02	30.0	ng	1854540	4	11.52	1236150	20.0
9-Hexadecenoic ac...	11.80	9.2	ng	565737	4	11.52	1236150	20.0
7-Hexadecenoic ac...	11.82	48.1	ng	2974010	4	11.52	1236150	20.0
Hexadecanoic acid...	11.92	340.7	ng	21059200	4	11.52	1236150	20.0
n-Hexadecanoic acid	12.07	34.1	ng	2109180	4	11.52	1236150	20.0
cis-10-Heptadecen...	12.22	12.7	ng	782725	4	11.52	1236150	20.0
Hexadecanoic acid...	12.30	15.6	ng	965770	4	11.52	1236150	20.0
Octadecanoic acid	12.84	9.4	ng	580242	4	11.52	1236150	20.0
Methyl 9.cis.,11....	13.30	20.8	ng	1218900	5	14.17	1172240	20.0
11-Eicosenoic aci...	13.35	72.7	ng	4259560	5	14.17	1172240	20.0
Methyl 18-methyln...	13.42	38.5	ng	2254400	5	14.17	1172240	20.0
unknown13.53	13.53	9.3	ng	548252	5	14.17	1172240	20.0
unknown13.75	13.75	8.4	ng	490976	5	14.17	1172240	20.0
Cedrol	13.85	27.4	ng	1603860	5	14.17	1172240	20.0
Methyl 20-methyl-...	14.09	29.7	ng	1740950	5	14.17	1172240	20.0
Pentacosanoic aci...	14.71	11.9	ng	696711	5	14.17	1172240	20.0
Pentacosane	16.18	8.8	ng	398304	6	15.71	909664	20.0