LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081618\
Data File : BF108204.D
Acq On : 16 Aug 2018 19:27
Operator : JU/SJ
Sample : J4282-05 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-01-081518-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-BF080818.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	5.243	490	494	501	rBV	75203	74347	1.34%	0.200%
2	5.631	556	560	564	rBV	1661869	1563140	28.20%	4.205%
3	6.631	725	730	741	rBV	1759341	1716476	30.96%	4.617%
4	6.784	751	756	759	rBV	1900104	1696565	30.60%	4.563%
5	7.013	791	795	799	rBV	1293178	1084961	19.57%	2.918%
6	7.172	818	822	825	rBV	1530211	1260162	22.73%	3.390%
7	7.572	886	890	893	rBV	1303631	1079998	19.48%	2.905%
8	8.301	1009	1014	1017	rBV	1507833	1351169	24.37%	3.634%
9	9.372	1191	1196	1205	rBV	2162620	1927017	34.76%	5.183%
10	9.760	1259	1262	1267	rBV	223989	185418	3.34%	0.499%
11	9.966	1293	1297	1302	rBV	136250	134314	2.42%	0.361%
12	10.060	1306	1313	1318	rBV	1587232	1414431	25.52%	3.805%
13	10.472	1379	1383	1385	rBV	282396	238563	4.30%	0.642%
14	10.689	1416	1420	1423	rBV	139115	168603	3.04%	0.454%
15	10.848	1444	1447	1457	rBV	1028763	998294	18.01%	2.685%
16	10.942	1460	1463	1469	rBV	342785	421767	7.61%	1.134%
17	11.395	1537	1540	1542	rBV	372935	286765	5.17%	0.771%
18	11.425	1542	1545	1552	rVB	152699	179674	3.24%	0.483%
19	11.554	1564	1567	1570	rBV	1323139	1167655	21.06%	3.141%
20	11.825	1610	1613	1616	rVB	325414	267433	4.82%	0.719%
21	11.925	1627	1630	1634	rVB	2172073	1721253	31.05%	4.630%
22	11.989	1634	1641	1646	rBV5	45802	97966	1.77%	0.264%
23	12.060	1650	1653	1655	rBV	88754	77336	1.40%	0.208%
24	12.230	1679	1682	1685	rBV	291702	230910	4.17%	0.621%
25	12.619	1744	1748	1750	rBV	5404167	5543495	100.00%	14.911%
26	12.642	1750	1752	1758	rVV	6433952	5439171	98.12%	14.630%
27	12.719	1762	1765	1769	rVV	1438888	1225104	22.10%	3.295%
28	12.772	1772	1774	1778	rBV	66412	74527	1.34%	0.200%
29	12.960	1803	1806	1809	rBV	107741	100674	1.82%	0.271%
30	12.995	1809	1812	1820	rVB2	179086	263840	4.76%	0.710%
31	13.142	1833	1837	1840	rBV	1707864	1457294	26.29%	3.920%
32	13.283	1859	1861	1863	rBV	172166	157225	2.84%	0.423%
33	13.354	1870	1873	1875	rBV	115998	115702	2.09%	0.311%
34	13.371	1875	1876	1884	rVB3	169364	173400	3.13%	0.466%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081618\
Data File : BF108204.D
Acq On : 16 Aug 2018 19:27
Operator : JU/SJ
Sample : J4282-05 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-01-081518-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-BF080818.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	13.448	1886	1889	1891	rBV2	221309	185846	3.35%	0.500%
36	13.560	1905	1908	1911	rBV3	89972	110764	2.00%	0.298%
37	13.695	1929	1931	1934	rVB	89249	67543	1.22%	0.182%
38	14.024	1984	1987	1994	rVB2	124177	163906	2.96%	0.441%
39	14.118	2000	2003	2008	rBV	176865	179903	3.25%	0.484%
40	14.207	2014	2018	2022	rBV	1199668	1252478	22.59%	3.369%
41	15.113	2169	2172	2183	rVB	223671	328565	5.93%	0.884%
42	15.771	2279	2284	2292	rVB	704191	993763	17.93%	2.673%

Sum of corrected areas: 37177417

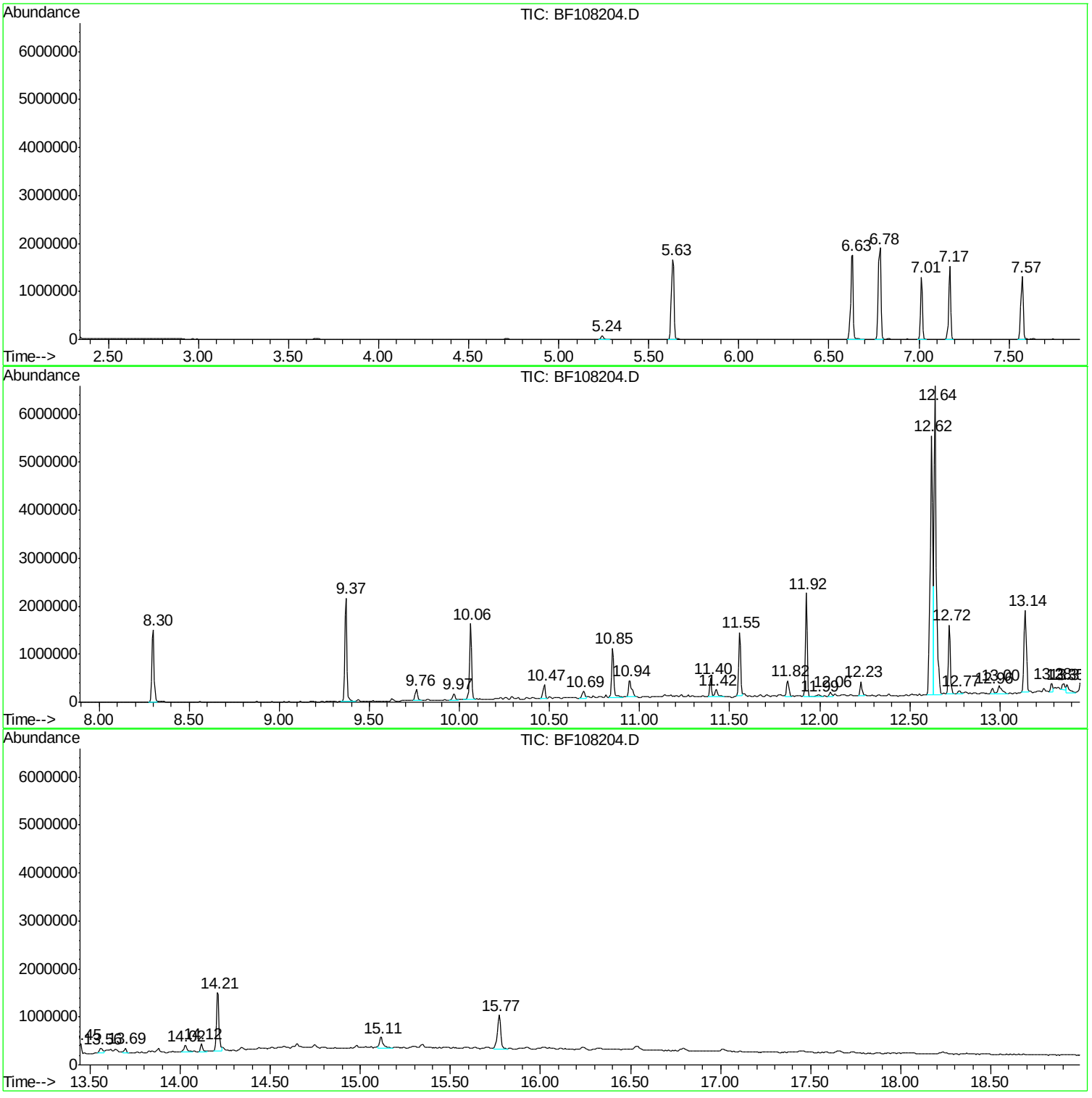
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081618\
Data File : BF108204.D
Acq On : 16 Aug 2018 19:27
Operator : JU/SJ
Sample : J4282-05 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-01-081518-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.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\BF081618\
Data File : BF108204.D
Acq On : 16 Aug 2018 19:27
Operator : JU/SJ
Sample : J4282-05 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-01-081518-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.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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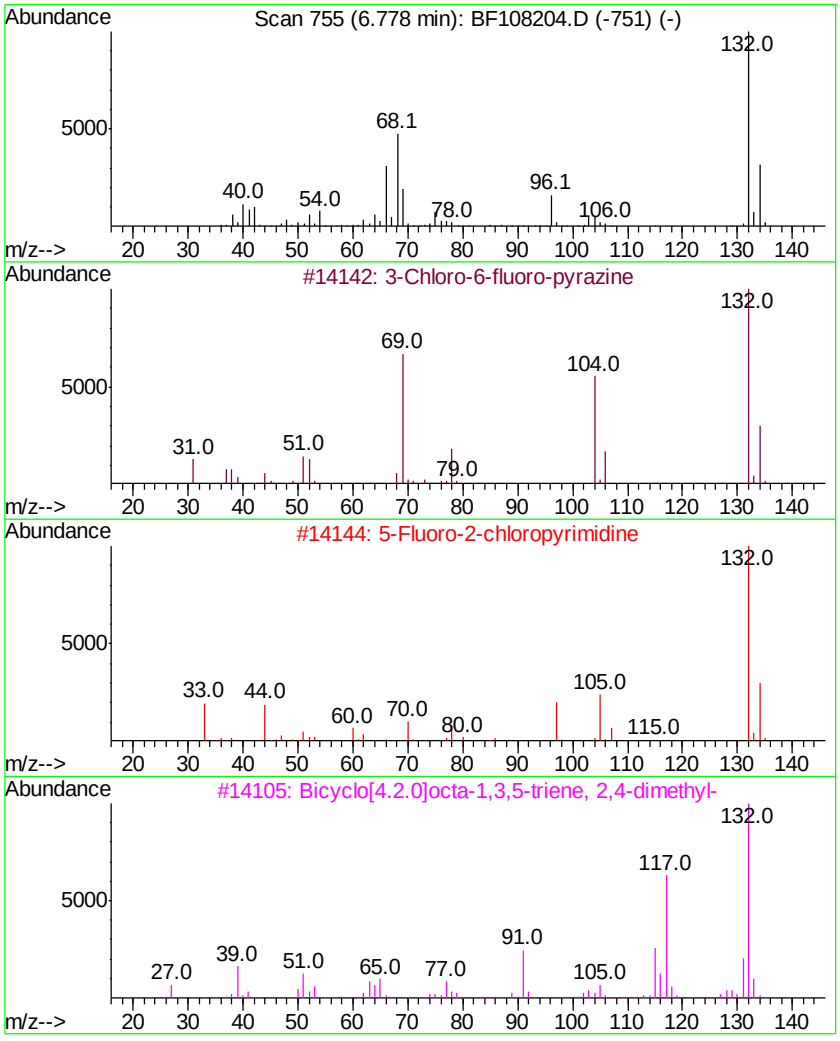
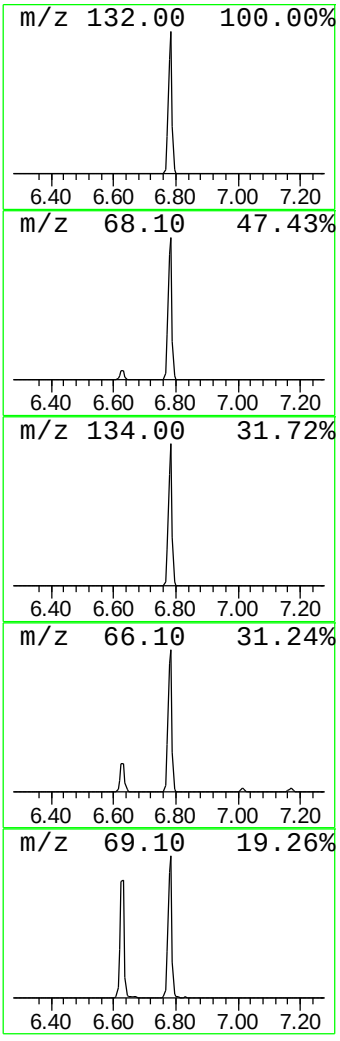
Peak Number 1 unknown6.78 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.78	31.27 ng	1696570	1,4-Dichlorobenzene-d4	7.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
3	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9
5	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081618\
Data File : BF108204.D
Acq On : 16 Aug 2018 19:27
Operator : JU/SJ
Sample : J4282-05 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-01-081518-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.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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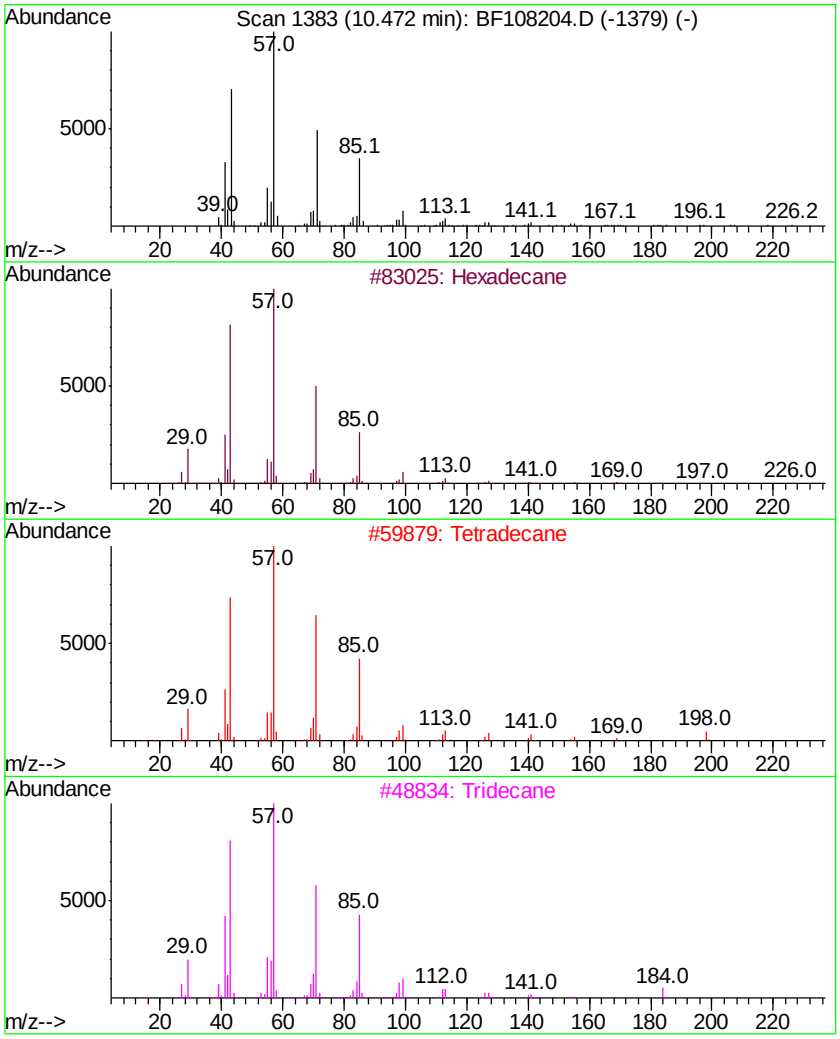
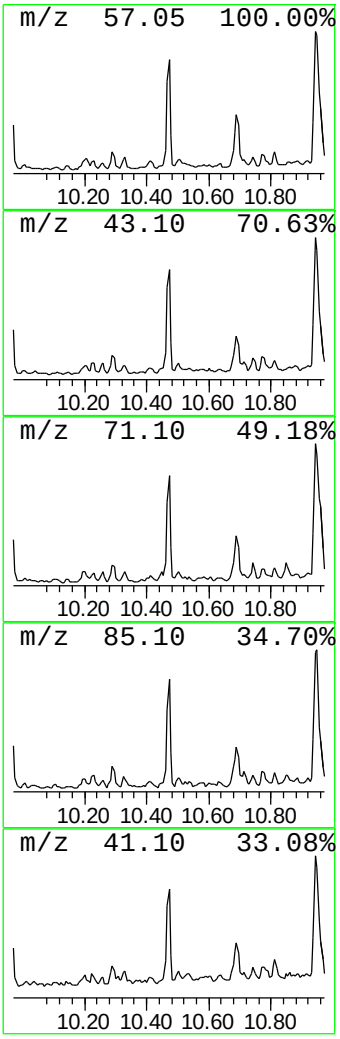
Peak Number 3 Hexadecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.47	3.37 ng	238563	Acenaphthene-d10	10.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	96
2	Tetradecane	198	C14H30	000629-59-4	86
3	Tridecane	184	C13H28	000629-50-5	80
4	Undecane, 2-methyl-	170	C12H26	007045-71-8	80
5	Tridecane, 7-propyl-	226	C16H34	055045-09-5	72





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081618\
Data File : BF108204.D
Acq On : 16 Aug 2018 19:27
Operator : JU/SJ
Sample : J4282-05 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-01-081518-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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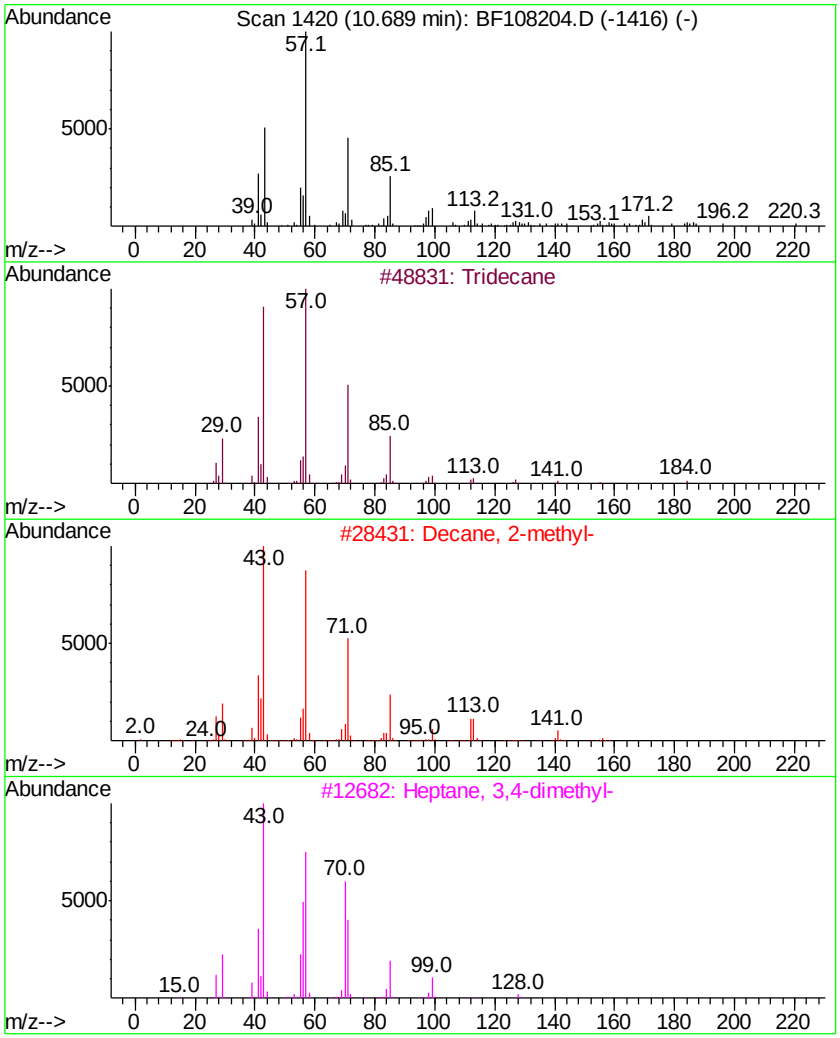
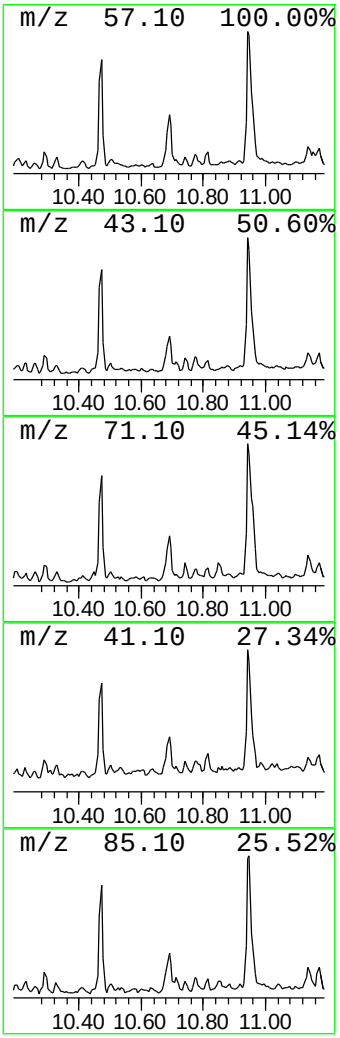
Peak Number 4 Tridecane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.69	2.38 ng	168603	Acenaphthene-d10	10.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	74
2	Decane, 2-methyl-	156	C11H24	006975-98-0	74
3	Heptane, 3,4-dimethyl-	128	C9H20	000922-28-1	74
4	Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	70
5	Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	70





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081618\
Data File : BF108204.D
Acq On : 16 Aug 2018 19:27
Operator : JU/SJ
Sample : J4282-05 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-01-081518-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.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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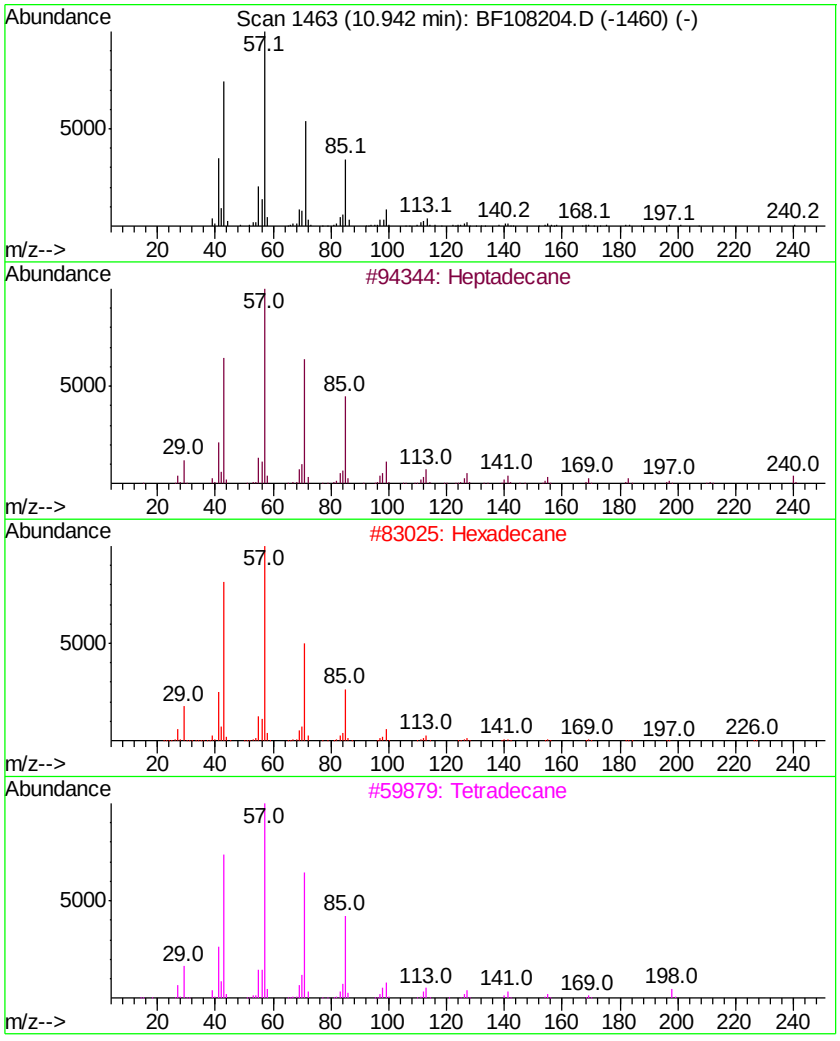
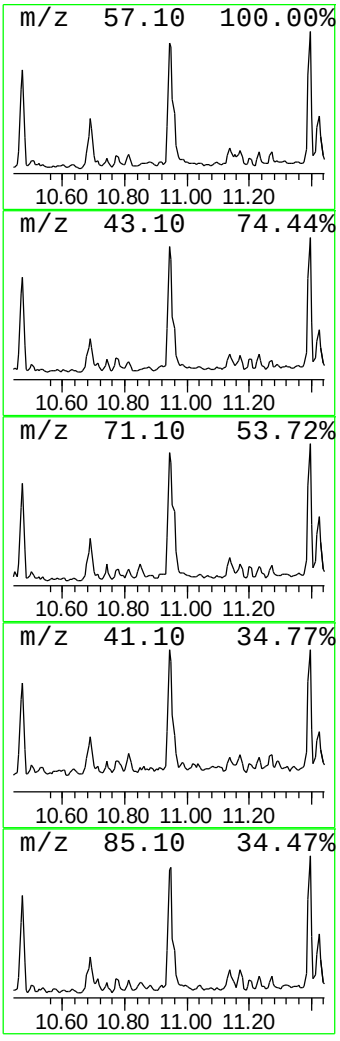
Peak Number 5 Heptadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.94	7.22 ng	421767	Phenanthrene-d10	11.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	93
2	Hexadecane	226	C16H34	000544-76-3	90
3	Tetradecane	198	C14H30	000629-59-4	90
4	Bacchotricuneatin c	342	C20H22O5	066563-30-2	81
5	Heneicosane	296	C21H44	000629-94-7	80





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081618\
Data File : BF108204.D
Acq On : 16 Aug 2018 19:27
Operator : JU/SJ
Sample : J4282-05 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-01-081518-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.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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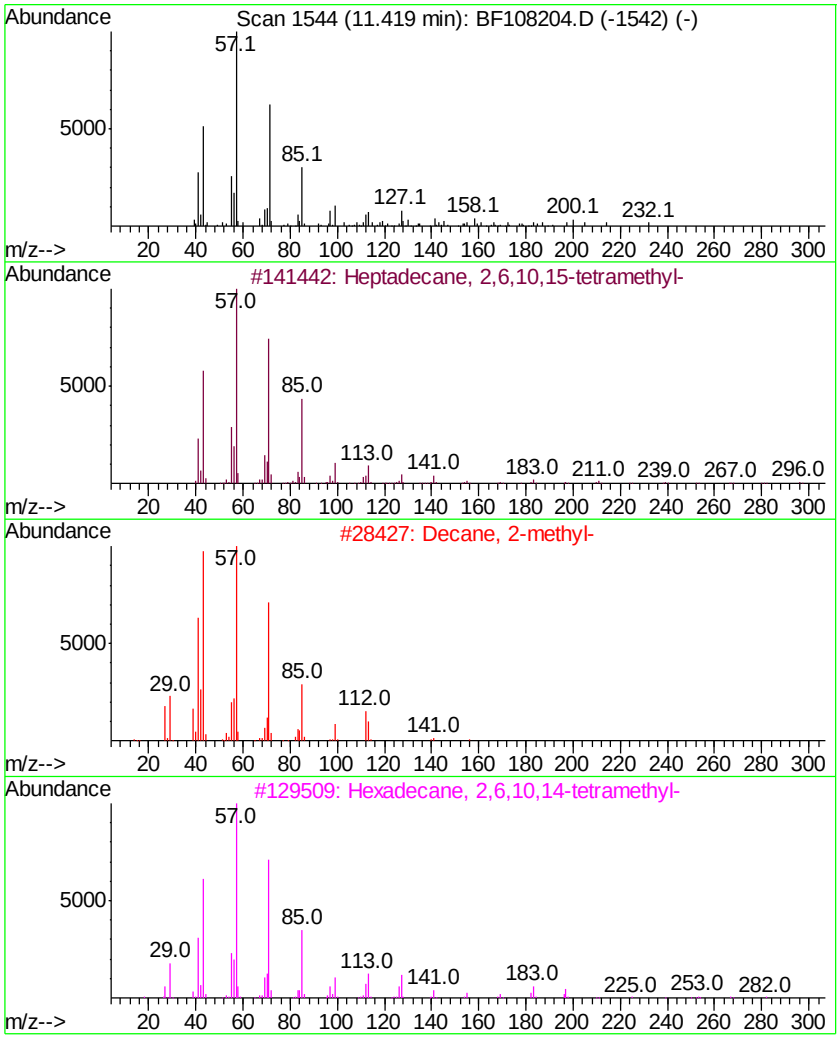
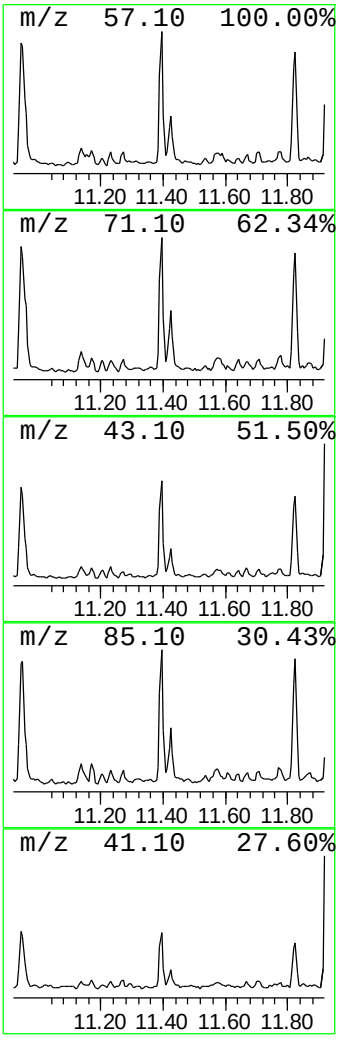
Peak Number 7 Heptadecane, 2,6,10,15-tetr... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.42	3.08 ng	179674	Phenanthrene-d10	11.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	87
2	Decane, 2-methyl-	156	C11H24	006975-98-0	80
3	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	78
4	Decane, 3-methyl-	156	C11H24	013151-34-3	74
5	Octane, 5-ethyl-2-methyl-	156	C11H24	062016-18-6	72





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081618\
Data File : BF108204.D
Acq On : 16 Aug 2018 19:27
Operator : JU/SJ
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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-01-081518-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.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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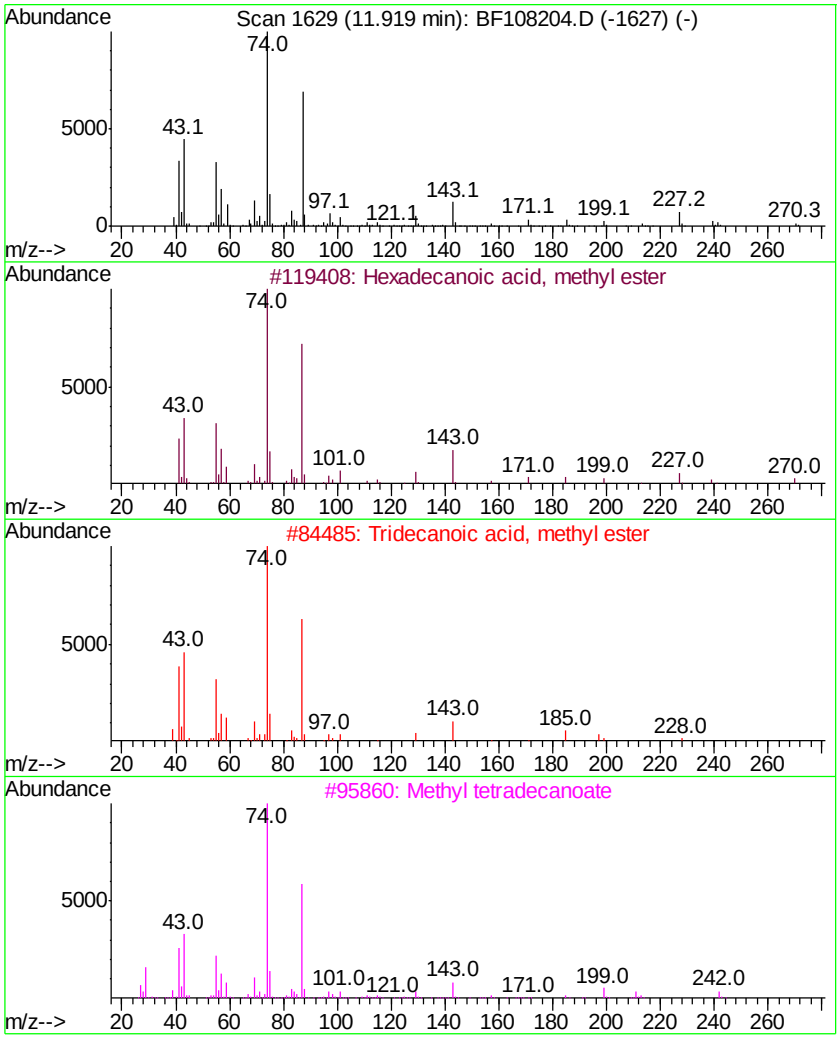
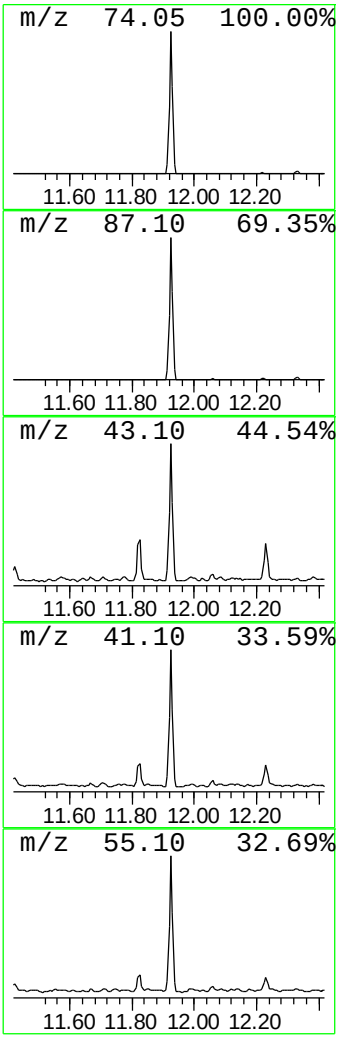
Peak Number 9 Hexadecanoic acid, methyl e... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.92	29.48 ng	1721250	Phenanthrene-d10	11.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	98
2	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	91
3	Methyl tetradecanoate	242	C15H30O2	000124-10-7	87
4	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	87
5	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	86





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081618\
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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-01-081518-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.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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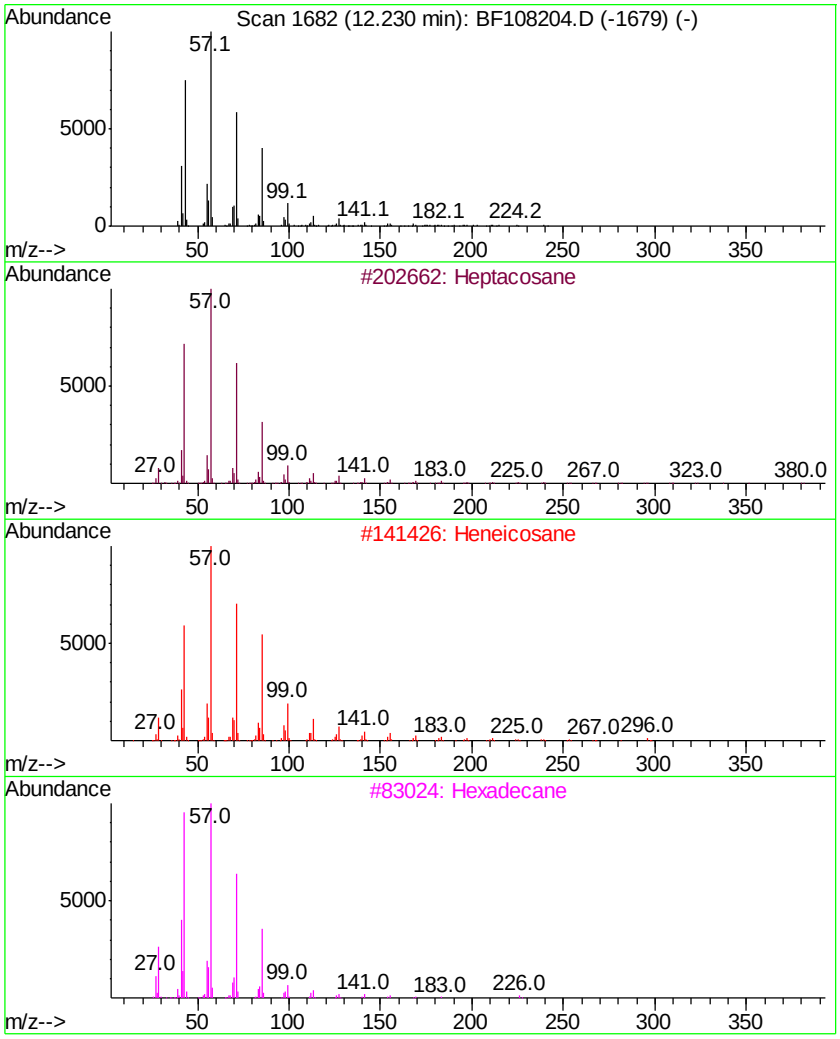
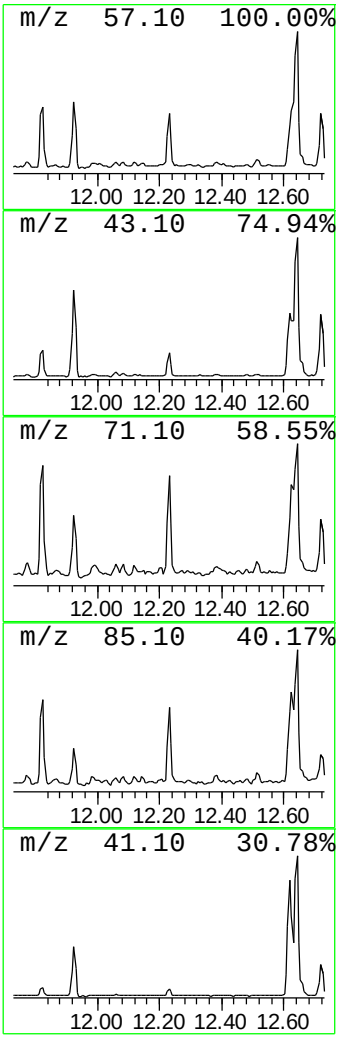
Peak Number 10 Heptacosane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.23	3.96 ng	230910	Phenanthrene-d10	11.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	91
2	Heneicosane	296	C21H44	000629-94-7	90
3	Hexadecane	226	C16H34	000544-76-3	90
4	Tridecane, 7-hexyl-	268	C19H40	007225-66-3	86
5	Tridecane, 7-propyl-	226	C16H34	055045-09-5	86





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081618\
Data File : BF108204.D
Acq On : 16 Aug 2018 19:27
Operator : JU/SJ
Sample : J4282-05 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-01-081518-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

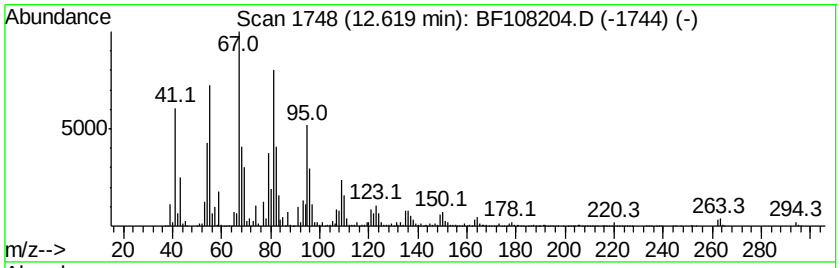
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

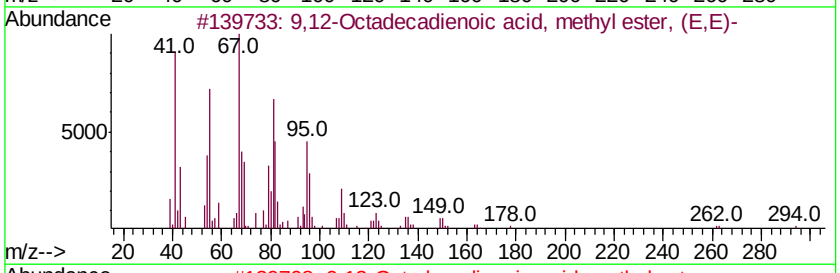
****

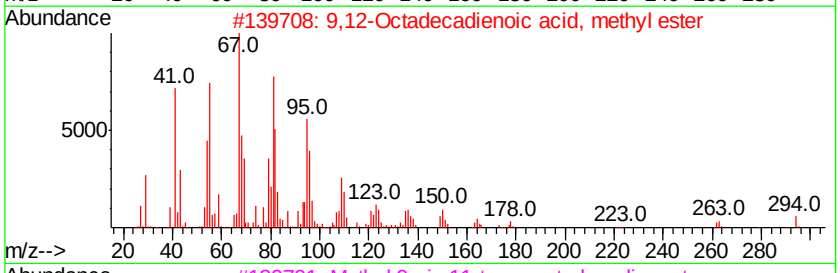
Peak Number 11 9,12-Octadecadienoic acid, ... Concentration Rank 1

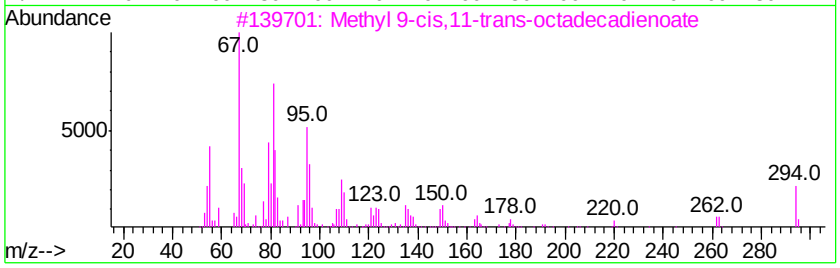
R.T.	EstConc	Area	Relative to ISTD	R.T.
12.62	94.95 ng	5543500	Phenanthrene-d10	11.55

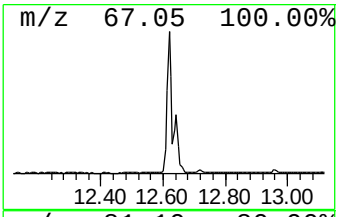
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
2	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99
3	Methyl 9-cis,11-trans-octadecadi...	294	C19H34O2	1000336-44-0	99
4	9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6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

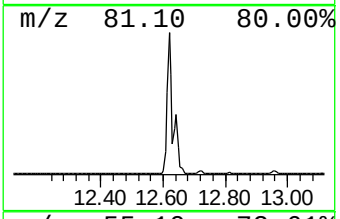


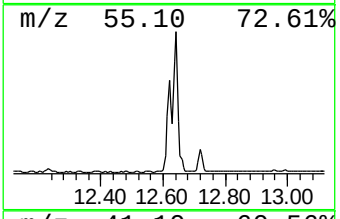


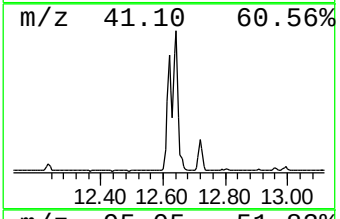


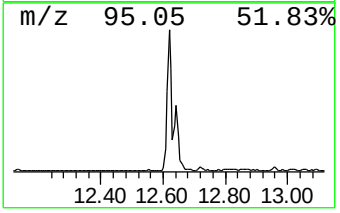












Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081618\
Data File : BF108204.D
Acq On : 16 Aug 2018 19:27
Operator : JU/SJ
Sample : J4282-05 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-01-081518-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

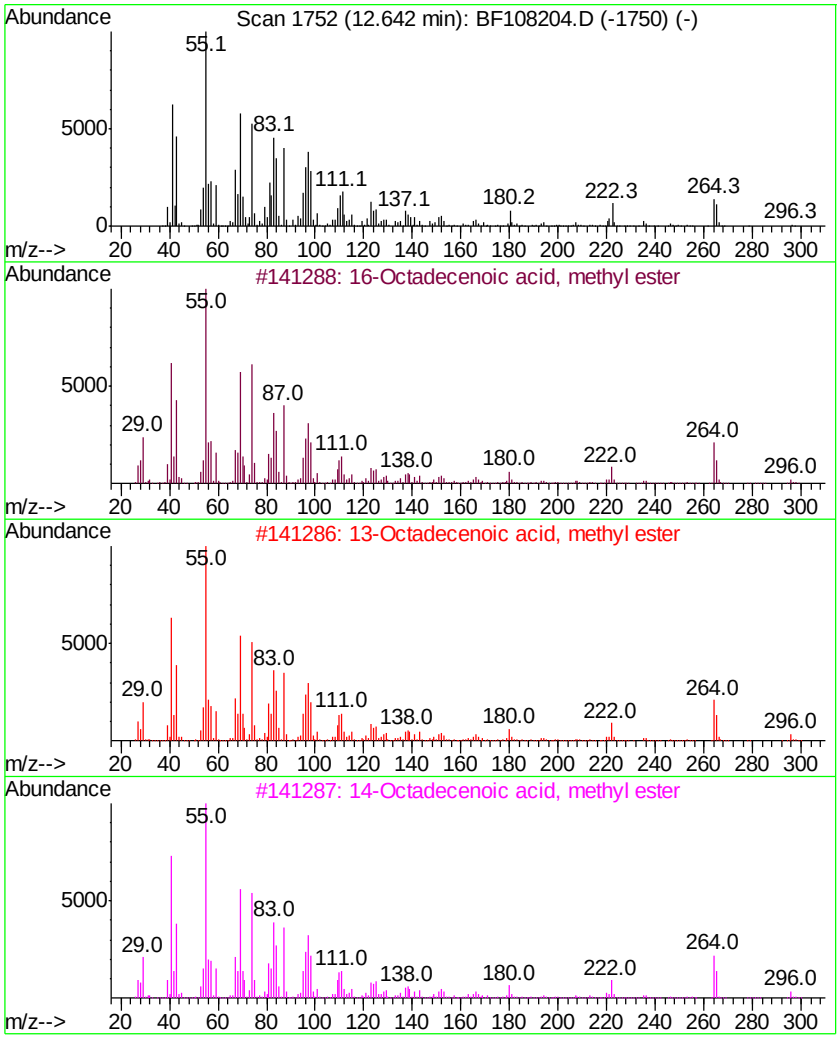
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

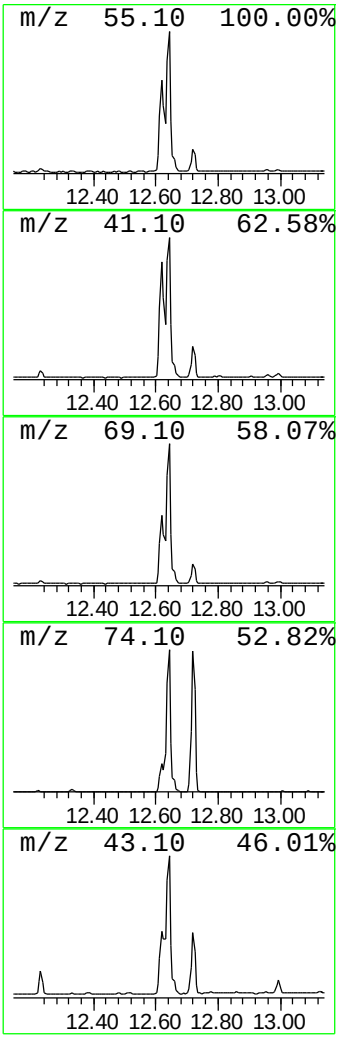
****

Peak Number 12 16-Octadecenoic acid, methy... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.64	93.16 ng	5439170	Phenanthrene-d10	11.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	99
2	13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	99
3	14-Octadecenoic acid, methyl ester	296	C19H36O2	056554-48-4	98
4	trans-13-Octadecenoic acid, meth...	296	C19H36O2	1000333-61-3	94
5	10-Octadecenoic acid, methyl ester	296	C19H36O2	013481-95-3	94





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Acq On : 16 Aug 2018 19:27
Operator : JU/SJ
Sample : J4282-05 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-01-081518-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

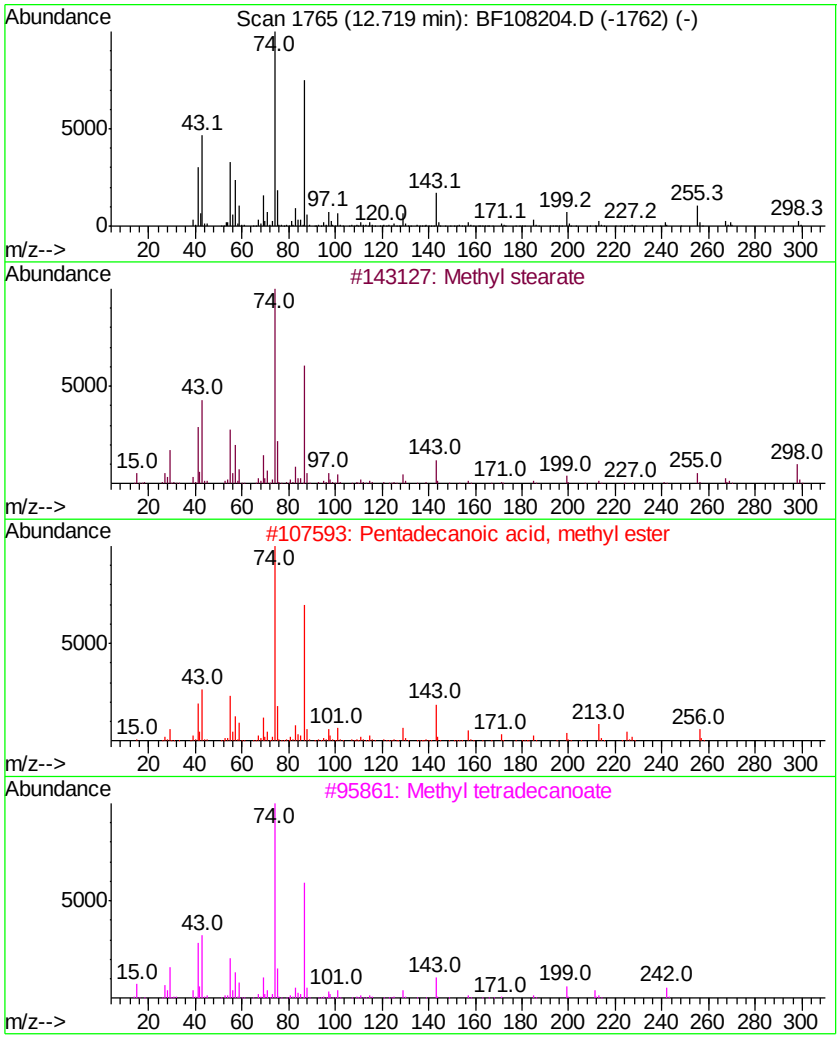
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

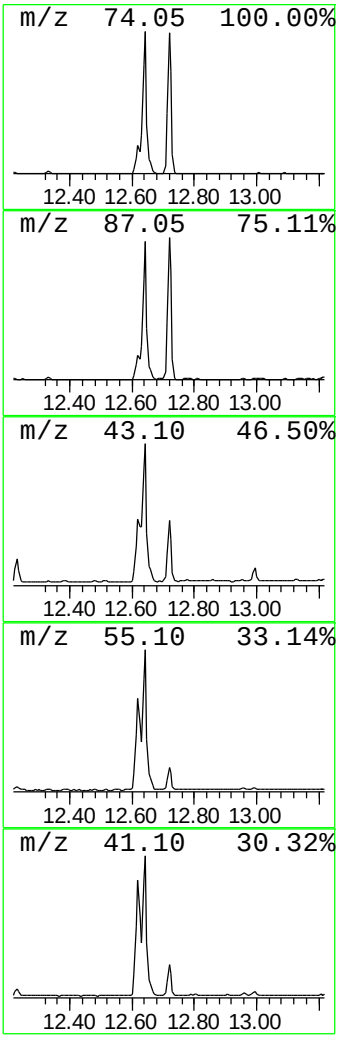
****

Peak Number 13 Methyl stearate Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.72	20.98 ng	1225100	Phenanthrene-d10	11.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl stearate	298	C19H38O2	000112-61-8	97
2	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	90
3	Methyl tetradecanoate	242	C15H30O2	000124-10-7	90
4	Heptadecanoic acid, methyl ester	284	C18H36O2	001731-92-6	90
5	Heptadecanoic acid, 16-methyl-, ...	298	C19H38O2	005129-61-3	89





Library Search Compound Report

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Data File : BF108204.D
Acq On : 16 Aug 2018 19:27
Operator : JU/SJ
Sample : J4282-05 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-01-081518-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

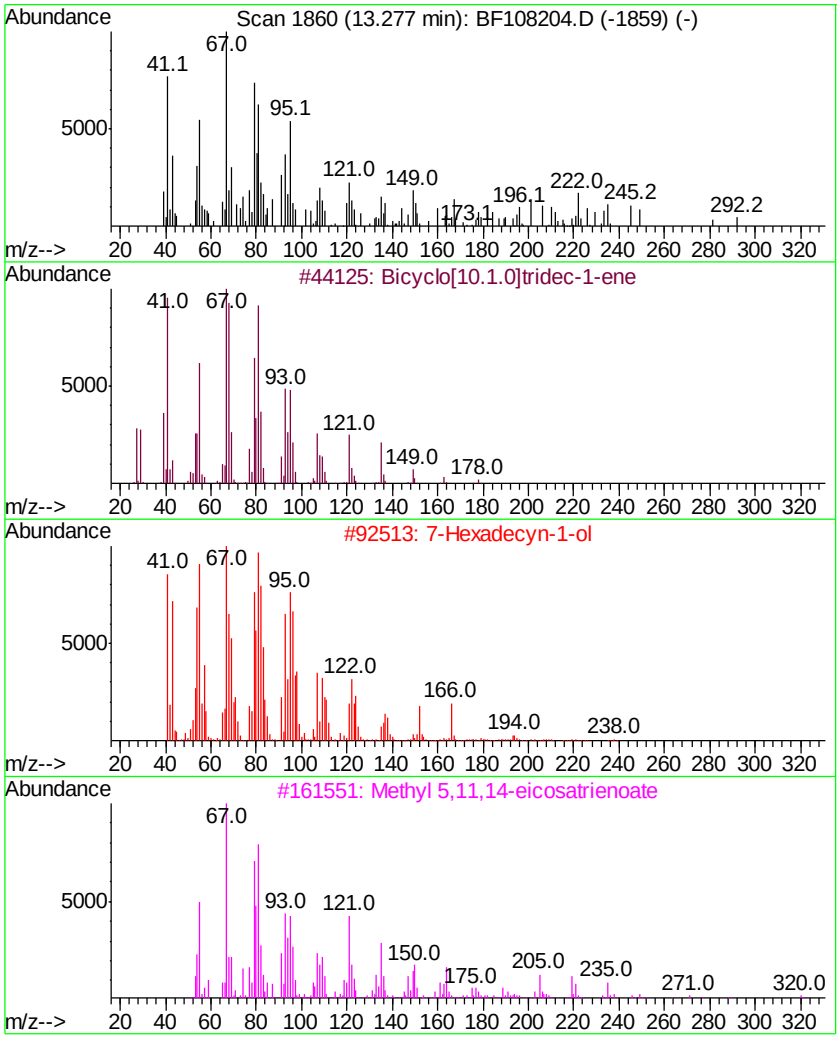
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

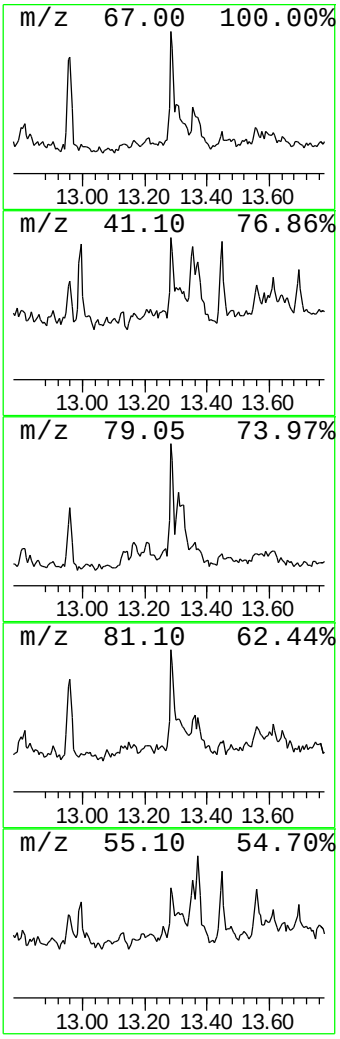
****

Peak Number 15 Bicyclo[10.1.0]tridec-1-ene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.28	2.51 ng	157225	Chrysene-d12	14.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[10.1.0]tridec-1-ene	178	C13H22	054766-91-5	86
2	7-Hexadecyn-1-ol	238	C16H30O	000822-21-9	83
3	Methyl 5,11,14-eicosatrienoate	320	C21H36O2	1000336-40-2	72
4	Cis-4-methyl-exo-tricyclo[5.2.1....	150	C11H18	1000215-29-2	70
5	Tricyclo[5.2.1.0(2,6)]decane, 4-...	150	C11H18	1000150-03-4	68





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Data File : BF108204.D
Acq On : 16 Aug 2018 19:27
Operator : JU/SJ
Sample : J4282-05 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-01-081518-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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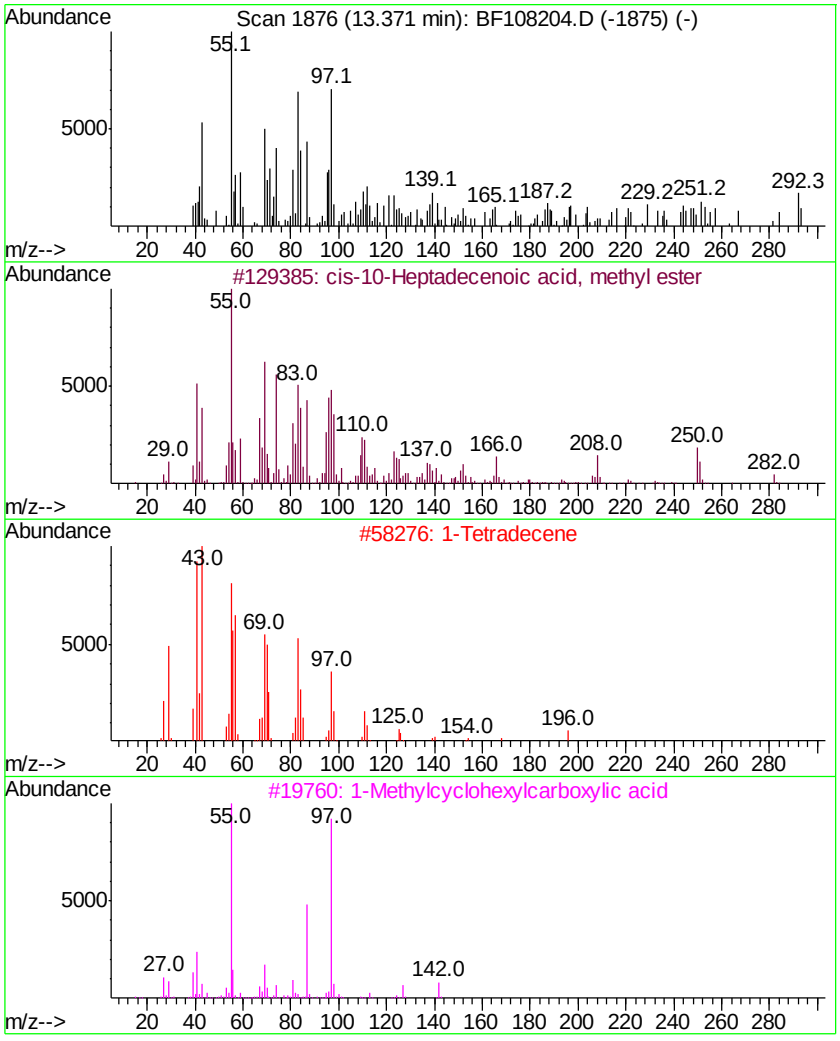
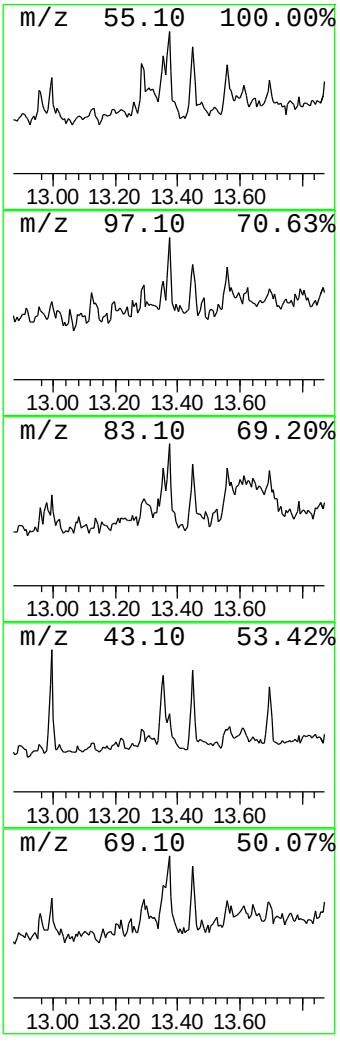
Peak Number 16 cis-10-Heptadecenoic acid, ... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.37	2.77 ng	173400	Chrysene-d12	14.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	cis-10-Heptadecenoic acid, methy...	282	C18H34O2	1000333-62-1	50
2	1-Tetradecene	196	C14H28	001120-36-1	30
3	1-Methylcyclohexylcarboxylic acid	142	C8H14O2	001123-25-7	27
4	Cyclopropane, 1,1,2-trimethyl-3-...	140	C10H20	041977-43-9	14
5	Palmitoleic acid	254	C16H30O2	000373-49-9	11





Library Search Compound Report

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Data File : BF108204.D
Acq On : 16 Aug 2018 19:27
Operator : JU/SJ
Sample : J4282-05 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-01-081518-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

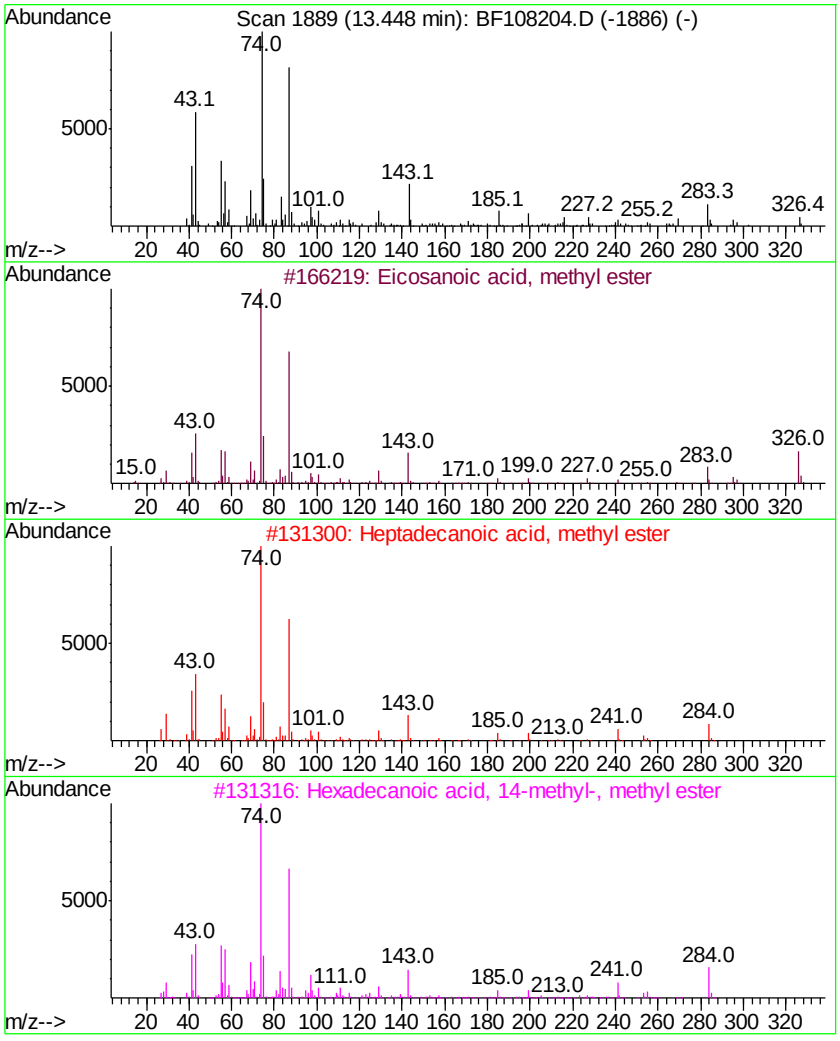
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

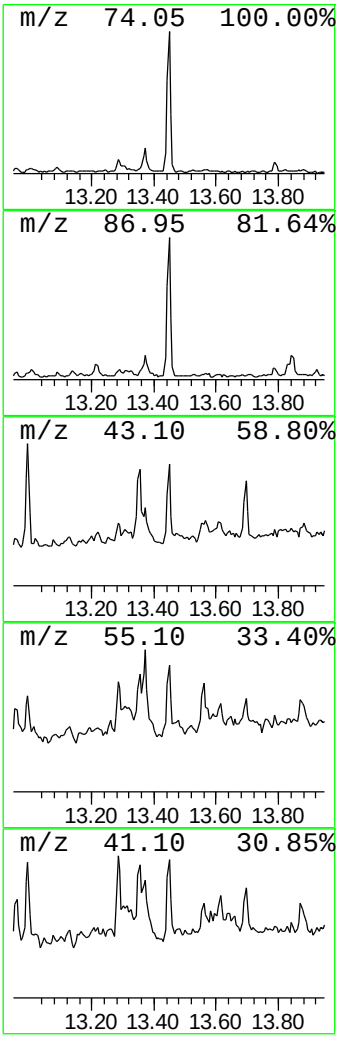
****

Peak Number 17 Eicosanoic acid, methyl ester Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.45	2.97 ng	185846	Chrysene-d12	14.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosanoic acid, methyl ester	326	C21H42O2	001120-28-1	97
2	Heptadecanoic acid, methyl ester	284	C18H36O2	001731-92-6	91
3	Hexadecanoic acid, 14-methyl-, m...	284	C18H36O2	002490-49-5	91
4	Methyl tetradecanoate	242	C15H30O2	000124-10-7	87
5	Hexadecanoic acid, 15-methyl-, m...	284	C18H36O2	006929-04-0	87





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Data File : BF108204.D
Acq On : 16 Aug 2018 19:27
Operator : JU/SJ
Sample : J4282-05 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-01-081518-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.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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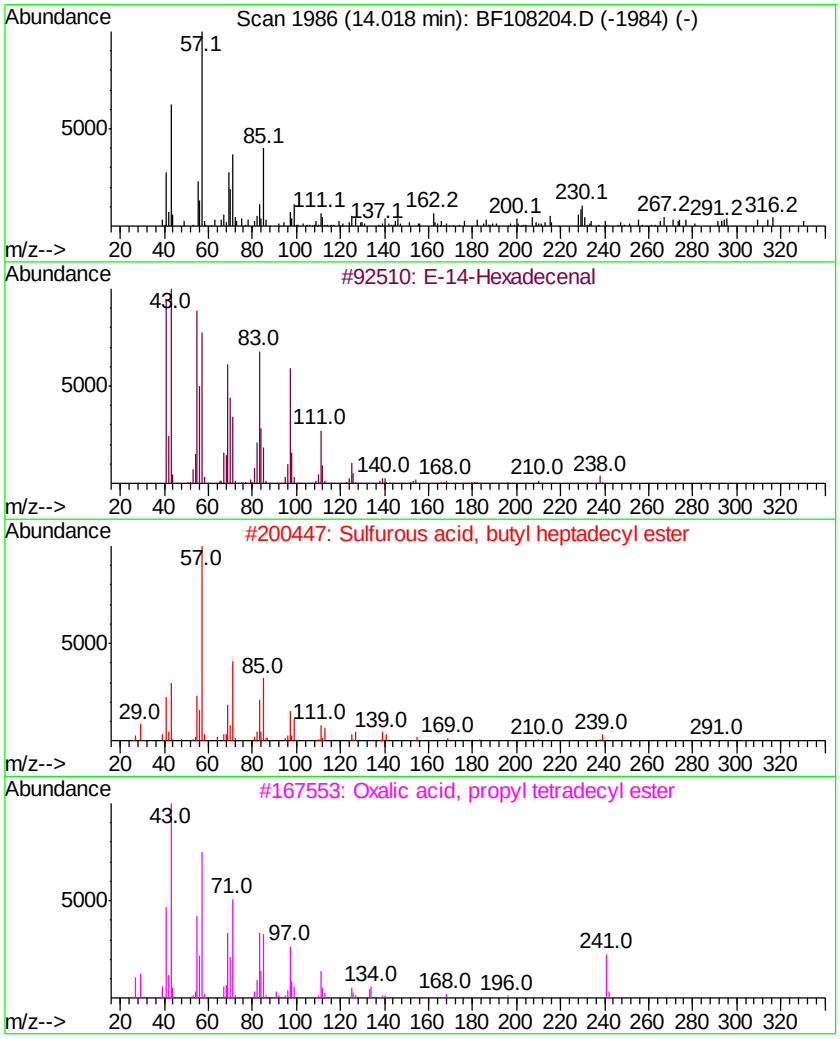
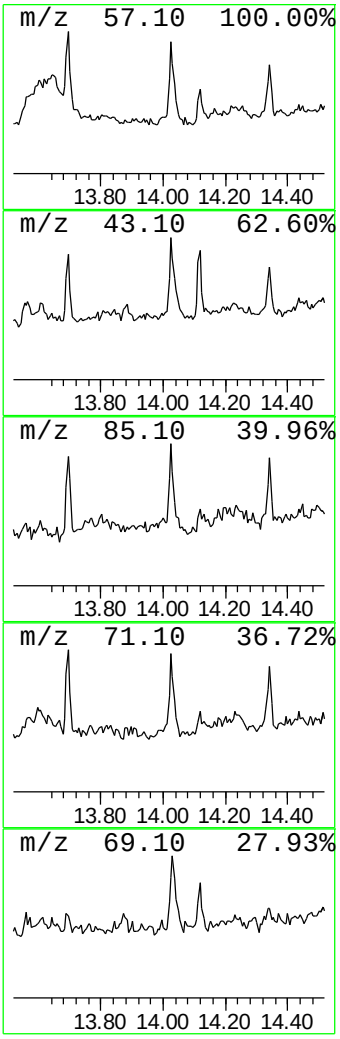
Peak Number 18 E-14-Hexadecenal Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.02	2.62 ng	163906	Chrysene-d12	14.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	E-14-Hexadecenal	238	C16H30O	330207-53-9	90
2	Sulfurous acid, butyl heptadecyl...	376	C21H44O3S	1000309-18-4	86
3	Oxalic acid, propyl tetradecyl e...	328	C19H36O4	1000309-26-7	83
4	Oxalic acid, isobutyl tetradecyl...	342	C20H38O4	1000309-37-9	64
5	Oxalic acid, isobutyl pentadecyl...	356	C21H40O4	1000309-38-0	58





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081618\
Data File : BF108204.D
Acq On : 16 Aug 2018 19:27
Operator : JU/SJ
Sample : J4282-05 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-01-081518-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

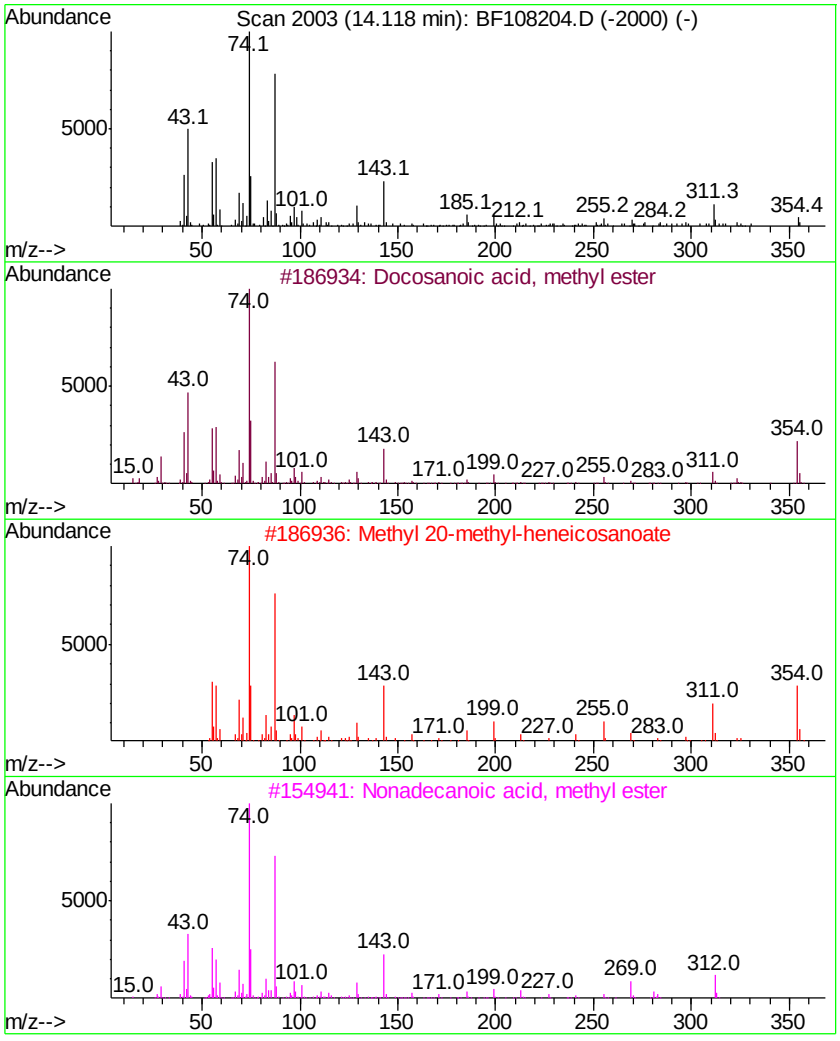
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

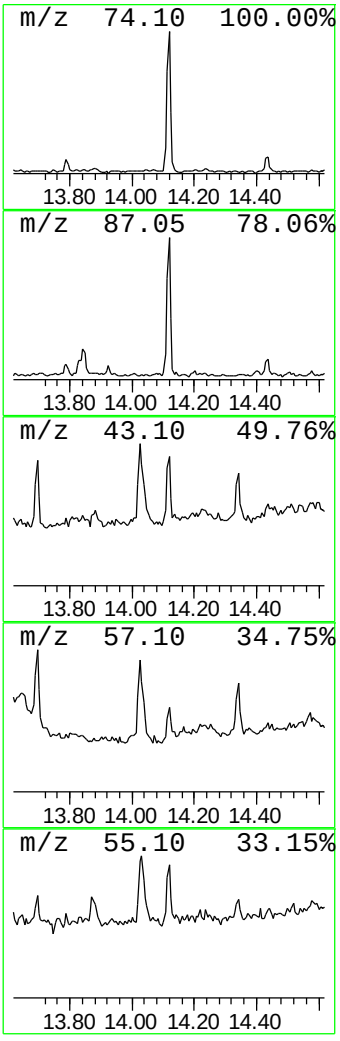
****

Peak Number 19 Docosanoic acid, methyl ester Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.12	2.87 ng	179903	Chrysene-d12	14.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosanoic acid, methyl ester	354	C23H46O2	000929-77-1	96
2	Methyl 20-methyl-heneicosanoate	354	C23H46O2	1000336-47-4	95
3	Nonadecanoic acid, methyl ester	312	C20H40O2	001731-94-8	93
4	Hexadecanoic acid, 15-methyl-, m...	284	C18H36O2	006929-04-0	93
5	Heptadecanoic acid, methyl ester	284	C18H36O2	001731-92-6	93





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081618\
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Operator : JU/SJ
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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-01-081518-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

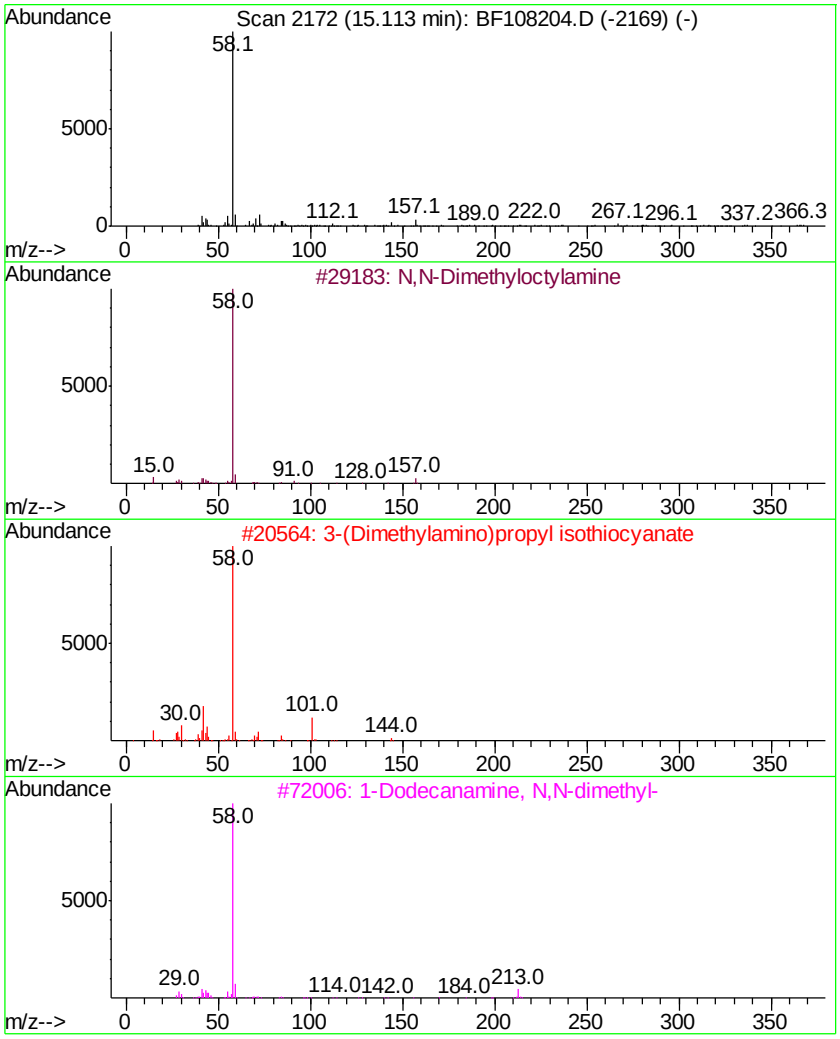
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

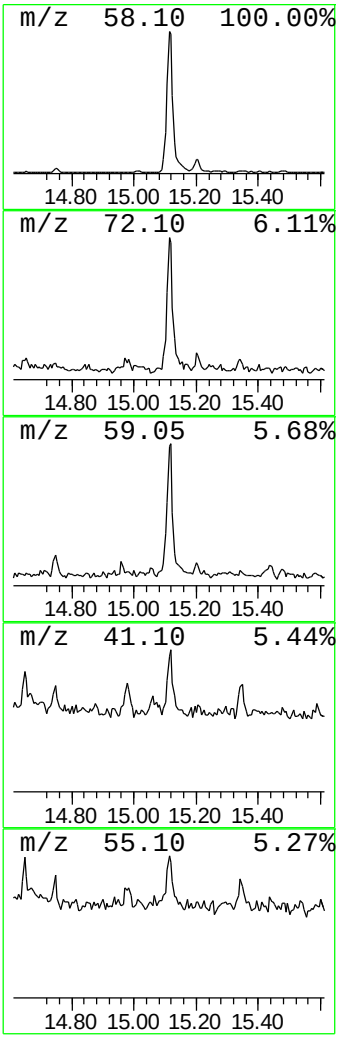
****

Peak Number 20 N,N-Dimethyloctylamine Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.11	6.61 ng	328565	Perylene-d12	15.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	N,N-Dimethyloctylamine	157	C10H23N	007378-99-6	72
2	3-(Dimethylamino)propyl isothioc...	144	C6H12N2S	027421-70-1	64
3	1-Dodecanamine, N,N-dimethyl-	213	C14H31N	000112-18-5	59
4	3(N,N-Dimethylmyristylammonio)pr...	363	C19H41NO3S	014933-09-6	59
5	Dodecyltrimethylammonium bromide	307	C15H34BrN	001119-94-4	59





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081618\
Data File : BF108204.D
Acq On : 16 Aug 2018 19:27
Operator : JU/SJ
Sample : J4282-05 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-01-081518-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.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
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Hexadecane	10.47	3.4	ng	238563	3	10.06	1414430	20.0
Tridecane	10.69	2.4	ng	168603	3	10.06	1414430	20.0
Heptadecane	10.94	7.2	ng	421767	4	11.55	1167660	20.0
Heptadecane, 2,6,...	11.42	3.1	ng	179674	4	11.55	1167660	20.0
Hexadecanoic acid...	11.92	29.5	ng	1721250	4	11.55	1167660	20.0
Heptacosane	12.23	4.0	ng	230910	4	11.55	1167660	20.0
9,12-Octadecadien...	12.62	95.0	ng	5543500	4	11.55	1167660	20.0
16-Octadecenoic a...	12.64	93.2	ng	5439170	4	11.55	1167660	20.0
Methyl stearate	12.72	21.0	ng	1225100	4	11.55	1167660	20.0
Bicyclo[10.1.0]tr...	13.28	2.5	ng	157225	5	14.21	1252480	20.0
cis-10-Heptadecen...	13.37	2.8	ng	173400	5	14.21	1252480	20.0
Eicosanoic acid, ...	13.45	3.0	ng	185846	5	14.21	1252480	20.0
E-14-Hexadecenal	14.02	2.6	ng	163906	5	14.21	1252480	20.0
Docosanoic acid, ...	14.12	2.9	ng	179903	5	14.21	1252480	20.0
N,N-Dimethyloctyl...	15.11	6.6	ng	328565	6	15.77	993763	20.0