LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021319\
Data File : BF112542.D
Acq On : 13 Feb 2019 16:46
Operator : JU/SJ
Sample : K1343-27 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-02-021119-N

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-BF012519.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	3.887	301	306	316	rBB	7232	11146	1.11%	0.097%
2	5.040	498	502	512	rBV	25960	35414	3.52%	0.308%
3	5.469	572	575	602	rBV	677874	843644	83.91%	7.348%
4	6.487	744	748	766	rBV	711938	910048	90.52%	7.926%
5	6.610	766	769	777	rBV	1019059	967717	96.25%	8.429%
6	6.834	804	807	816	rBV	705429	601440	59.82%	5.238%
7	6.993	830	834	844	rBV	844419	741681	73.77%	6.460%
8	7.398	900	903	916	rBV	520450	539971	53.71%	4.703%
9	8.116	1022	1025	1038	rVB	741016	742406	73.84%	6.466%
10	8.704	1122	1125	1129	rBV2	16057	15019	1.49%	0.131%
11	9.192	1204	1208	1218	rBV	984817	1005378	100.00%	8.757%
12	9.269	1218	1221	1226	rVB2	20825	21832	2.17%	0.190%
13	9.586	1271	1275	1282	rVB	61503	69155	6.88%	0.602%
14	9.798	1309	1311	1317	rVB	17206	12402	1.23%	0.108%
15	9.875	1320	1324	1333	rVV	822071	765913	76.18%	6.671%
16	10.298	1390	1396	1399	rBV2	18313	18262	1.82%	0.159%
17	10.669	1456	1459	1473	rBV	476186	519626	51.68%	4.526%
18	10.769	1473	1476	1485	rVB	25208	32350	3.22%	0.282%
19	11.216	1550	1552	1555	rBV	17600	14685	1.46%	0.128%
20	11.245	1555	1557	1562	rVB4	10337	13051	1.30%	0.114%
21	11.363	1574	1577	1581	rBV	694324	670943	66.74%	5.844%
22	11.645	1621	1625	1630	rVB3	15493	15960	1.59%	0.139%
23	11.739	1638	1641	1644	rBV	32949	31075	3.09%	0.271%
24	11.880	1660	1665	1673	rBV6	52839	86820	8.64%	0.756%
25	11.986	1679	1683	1685	rBV3	9750	12418	1.24%	0.108%
26	12.051	1691	1694	1696	rBV3	13548	10724	1.07%	0.093%
27	12.427	1754	1758	1760	rBV2	125169	130853	13.02%	1.140%
28	12.445	1760	1761	1764	rVB	129453	98800	9.83%	0.861%
29	12.533	1774	1776	1781	rVB2	23358	21756	2.16%	0.189%
30	12.586	1781	1785	1789	rBV	91926	99684	9.92%	0.868%
31	12.669	1797	1799	1804	rBV6	20170	25909	2.58%	0.226%
32	12.816	1818	1824	1829	rBV	90988	115126	11.45%	1.003%
33	12.869	1831	1833	1836	rBV4	10095	11689	1.16%	0.102%
34	12.945	1842	1846	1856	rBV	904438	831761	82.73%	7.244%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021319\
Data File : BF112542.D
Acq On : 13 Feb 2019 16:46
Operator : JU/SJ
Sample : K1343-27 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-02-021119-N

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-BF012519.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	13.833	1995	1997	2002	rVB	77832	77321	7.69%	0.673%
36	14.016	2024	2028	2031	rBV	675401	682055	67.84%	5.941%
37	14.763	2152	2155	2158	rBV	68867	73321	7.29%	0.639%
38	15.092	2209	2211	2216	rVB	96624	104391	10.38%	0.909%
39	15.498	2276	2280	2291	rVB	346039	499613	49.69%	4.352%

Sum of corrected areas: 11481359

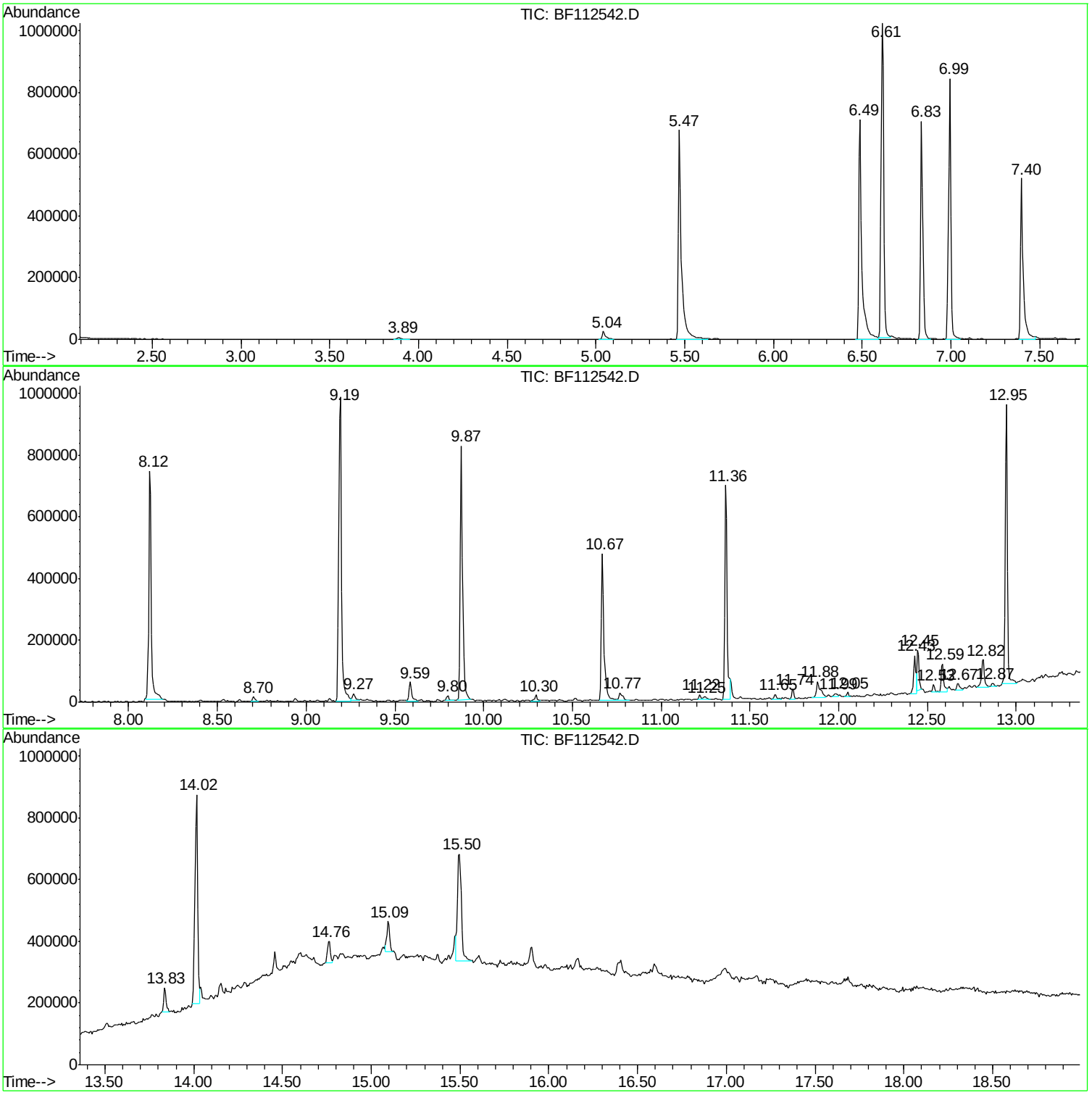
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021319\
Data File : BF112542.D
Acq On : 13 Feb 2019 16:46
Operator : JU/SJ
Sample : K1343-27 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-02-021119-N

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.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\BF021319\
Data File : BF112542.D
Acq On : 13 Feb 2019 16:46
Operator : JU/SJ
Sample : K1343-27 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-02-021119-N

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

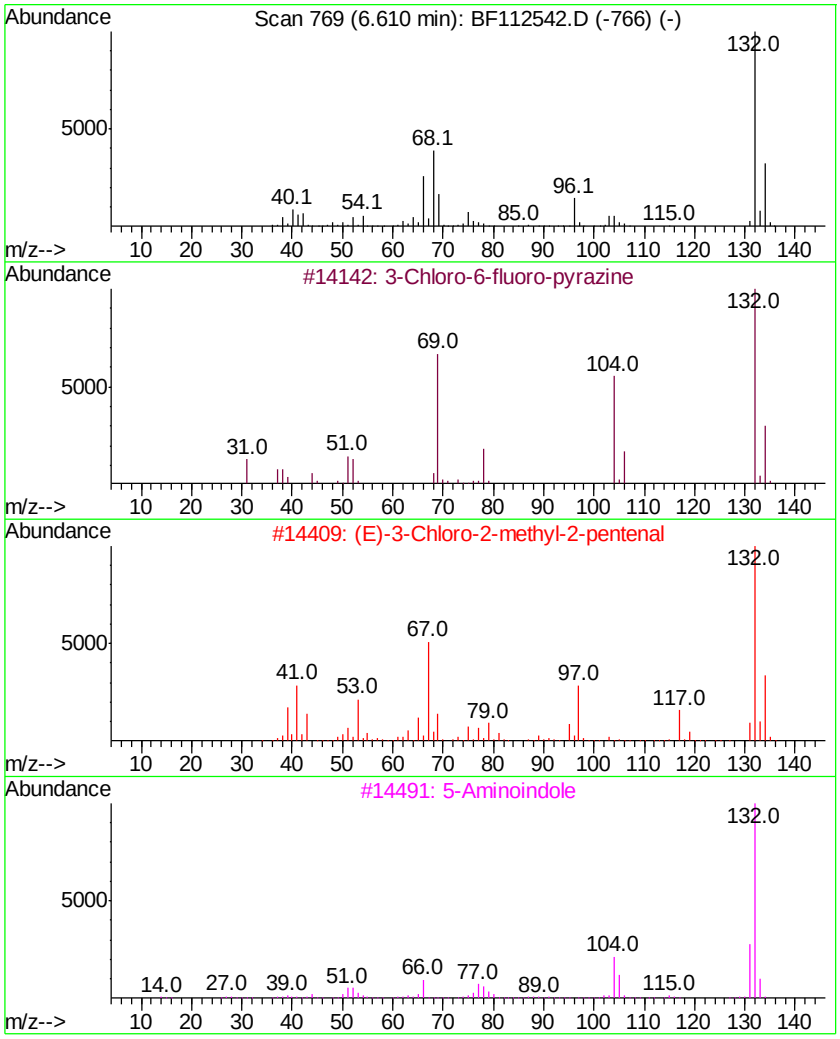
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

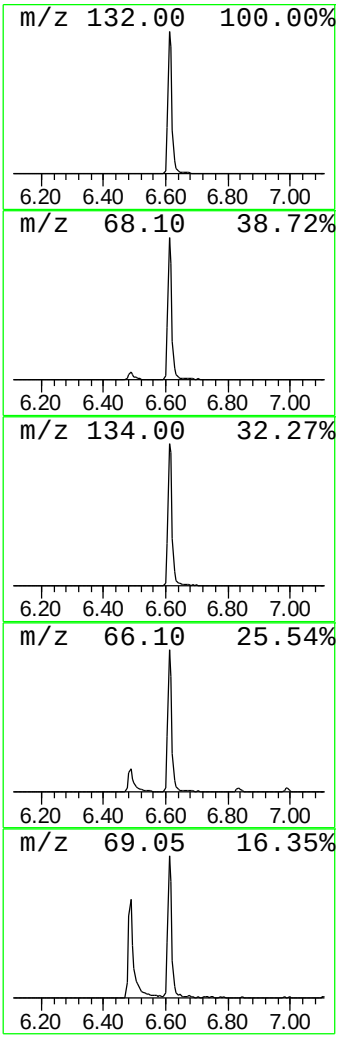
****

Peak Number 1 unknown6.61 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.61	32.18 ng	967717	1,4-Dichlorobenzene-d4	6.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	12
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021319\
Data File : BF112542.D
Acq On : 13 Feb 2019 16:46
Operator : JU/SJ
Sample : K1343-27 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-02-021119-N

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

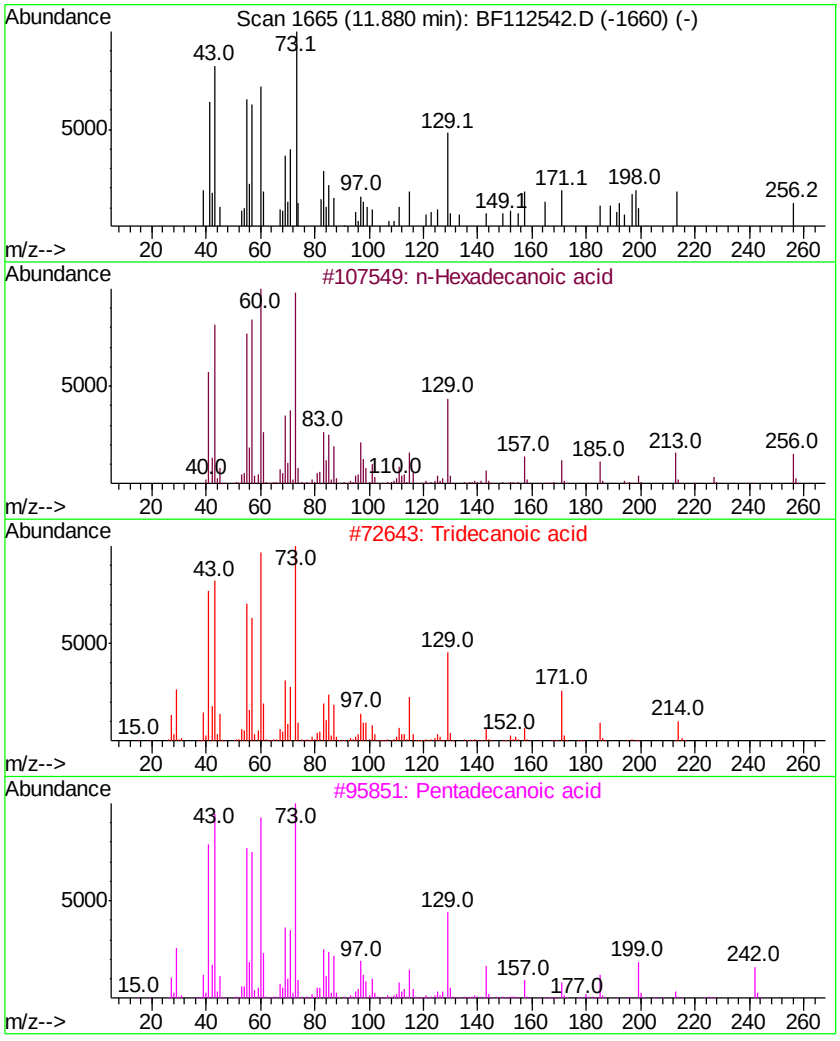
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

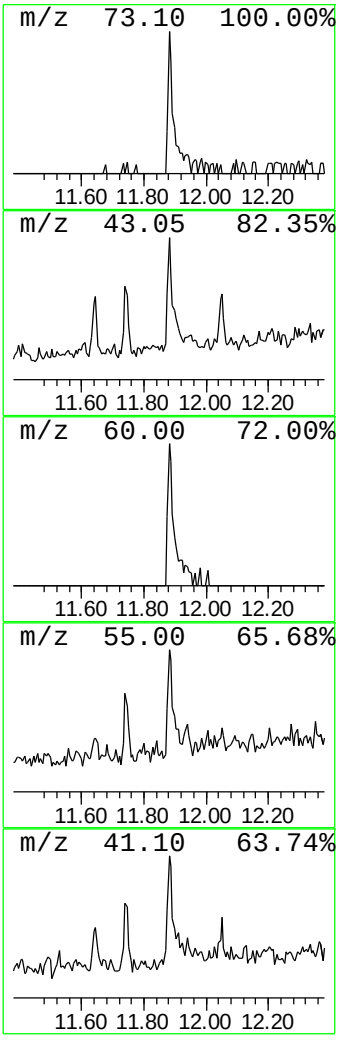
****

Peak Number 3 n-Hexadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.88	2.59 ng	86820	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2	Tridecanoic acid	214	C13H26O2	000638-53-9	53
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	46
4	Dodecanoic acid	200	C12H24O2	000143-07-7	43
5	n-Decanoic acid	172	C10H20O2	000334-48-5	43





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021319\
Data File : BF112542.D
Acq On : 13 Feb 2019 16:46
Operator : JU/SJ
Sample : K1343-27 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-02-021119-N

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

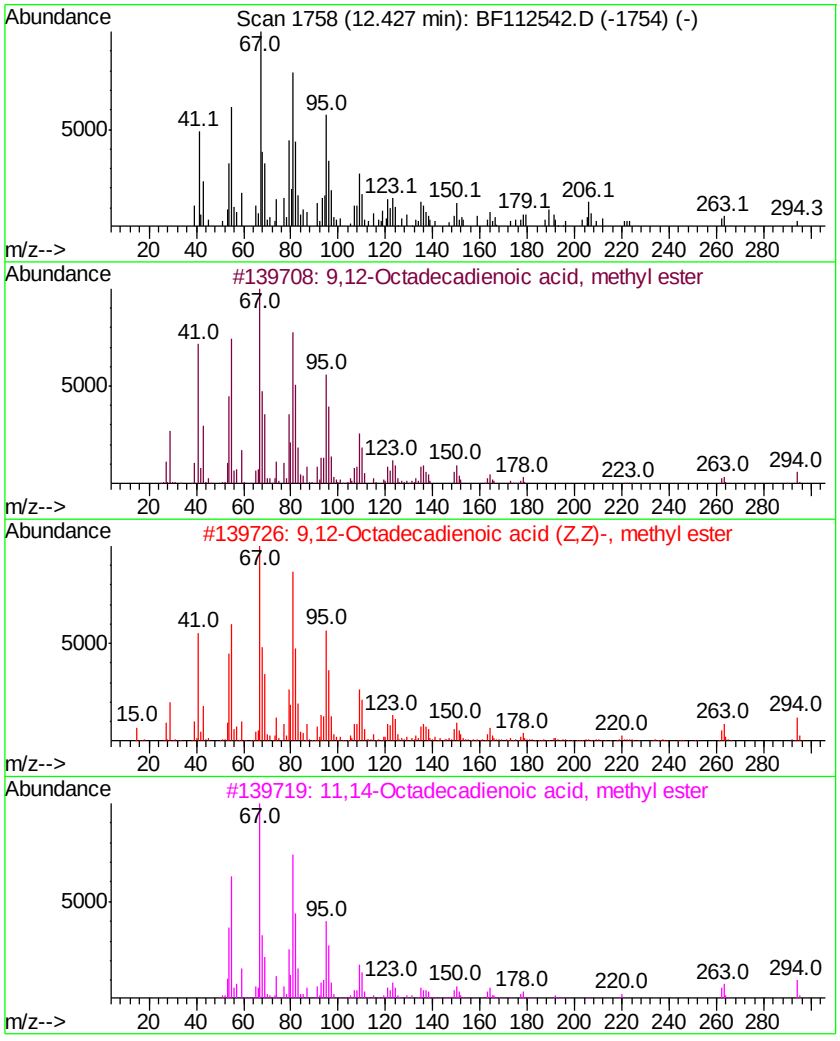
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

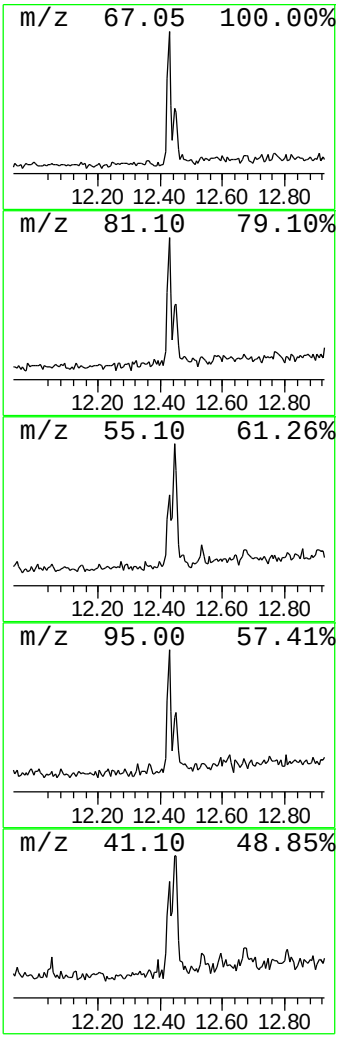
****

Peak Number 4 9,12-Octadecadienoic acid, ... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.43	3.90 ng	130853	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99
2	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	99
3	11,14-Octadecadienoic acid, meth...	294	C19H34O2	056554-61-1	97
4	9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	97
5	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	96





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021319\
Data File : BF112542.D
Acq On : 13 Feb 2019 16:46
Operator : JU/SJ
Sample : K1343-27 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-02-021119-N

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

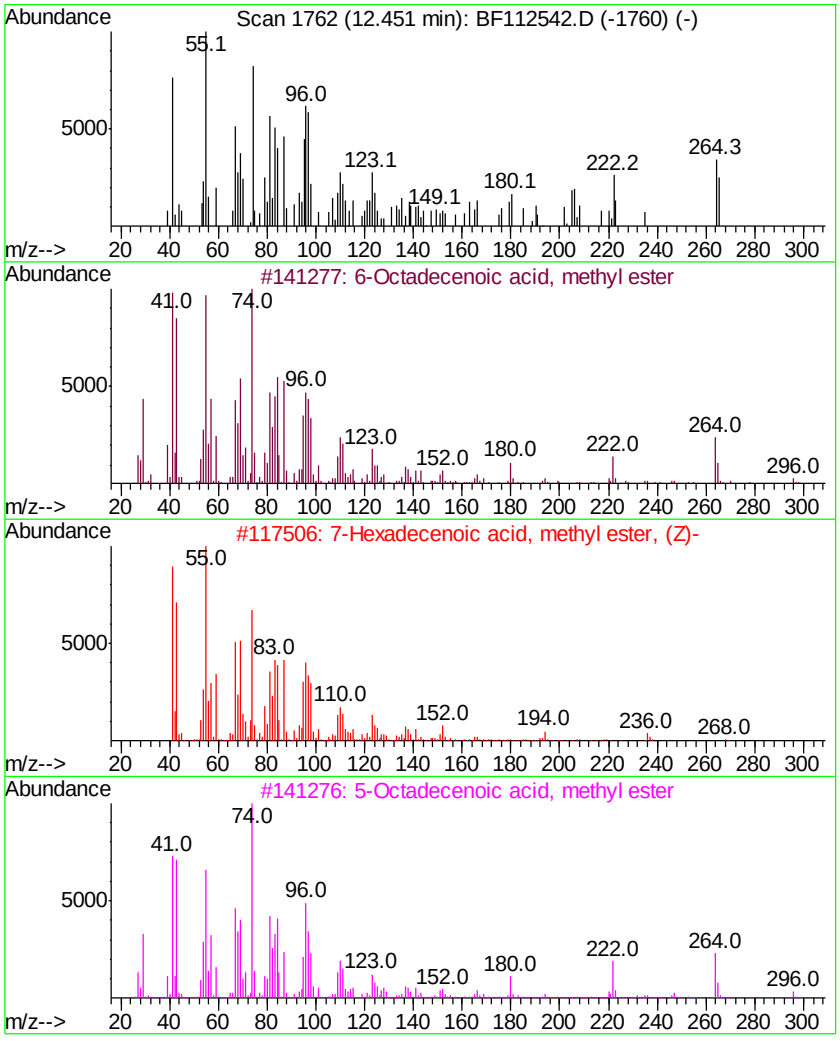
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

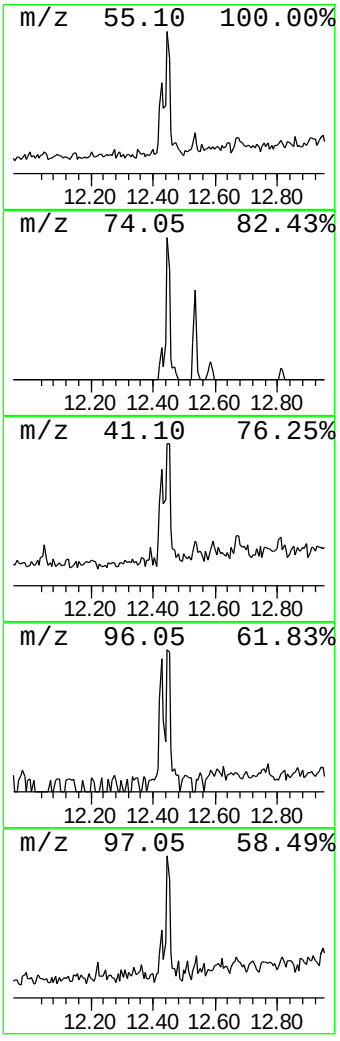
****

Peak Number 5 6-Octadecenoic acid, methyl... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.45	2.95 ng	98800	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6-Octadecenoic acid, methyl ester	296	C19H36O2	052355-31-4	93
2	7-Hexadecenoic acid, methyl este...	268	C17H32O2	056875-67-3	76
3	5-Octadecenoic acid, methyl ester	296	C19H36O2	056554-45-1	72
4	trans-13-Octadecenoic acid, meth...	296	C19H36O2	1000333-61-3	68
5	6-Octadecenoic acid, methyl este...	296	C19H36O2	002777-58-4	68





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021319\
Data File : BF112542.D
Acq On : 13 Feb 2019 16:46
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Sample : K1343-27 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-02-021119-N

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

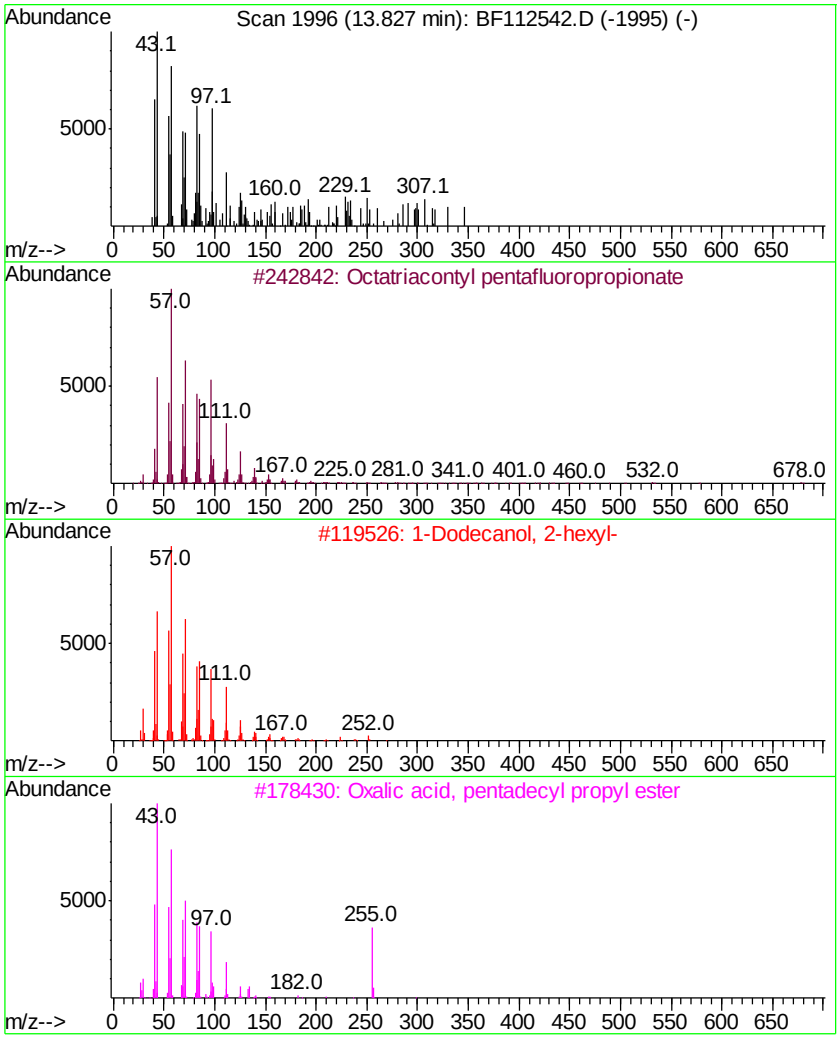
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

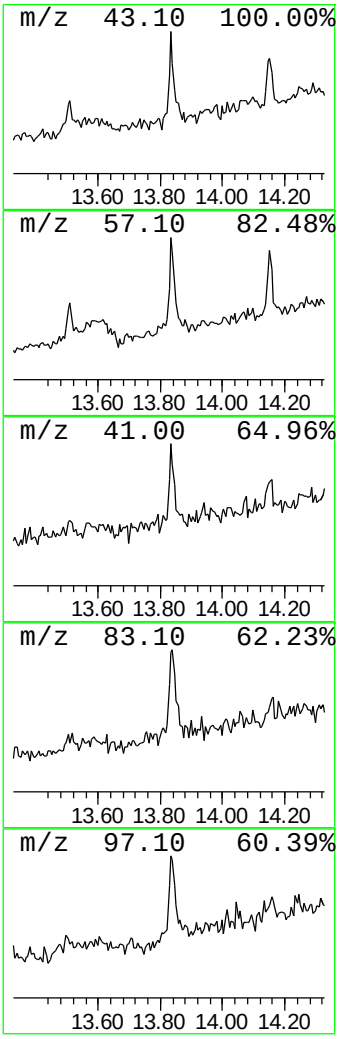
****

Peak Number 6 Octatriacontyl pentafluorop... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.83	2.27 ng	77321	Chrysene-d12	14.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octatriacontyl pentafluoropropio...	697	C41H77F5O2	1000351-89-1	87
2	1-Dodecanol, 2-hexyl-	270	C18H38O	110225-00-8	86
3	Oxalic acid, pentadecyl propyl e...	342	C20H38O4	1000309-26-8	72
4	1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	68
5	Eicosane	282	C20H42	000112-95-8	62





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Sample : K1343-27 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-02-021119-N

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

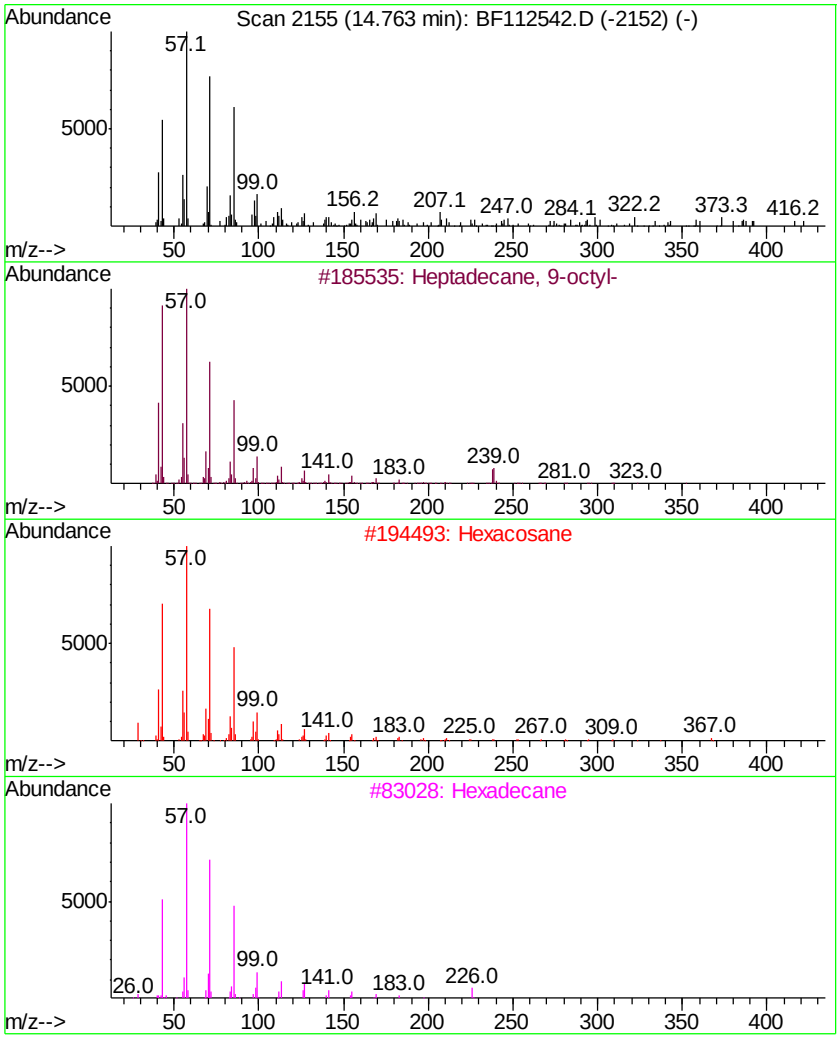
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

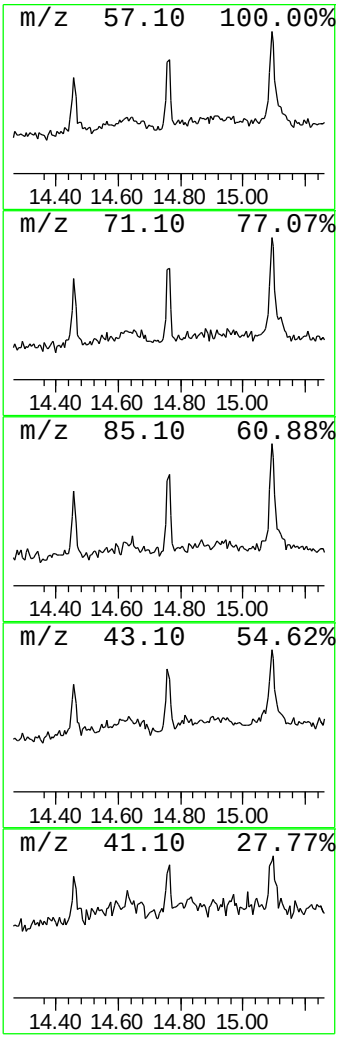
****

Peak Number 7 Heptadecane, 9-octyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.76	2.94 ng	73321	Perylene-d12	15.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	90
2	Hexacosane	366	C26H54	000630-01-3	74
3	Hexadecane	226	C16H34	000544-76-3	74
4	2-methyloctacosane	408	C29H60	1000376-72-8	74
5	Heneicosane	296	C21H44	000629-94-7	74





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Misc :
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Instrument : BNA_F
ClientSampleId : JC-02-021119-N

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

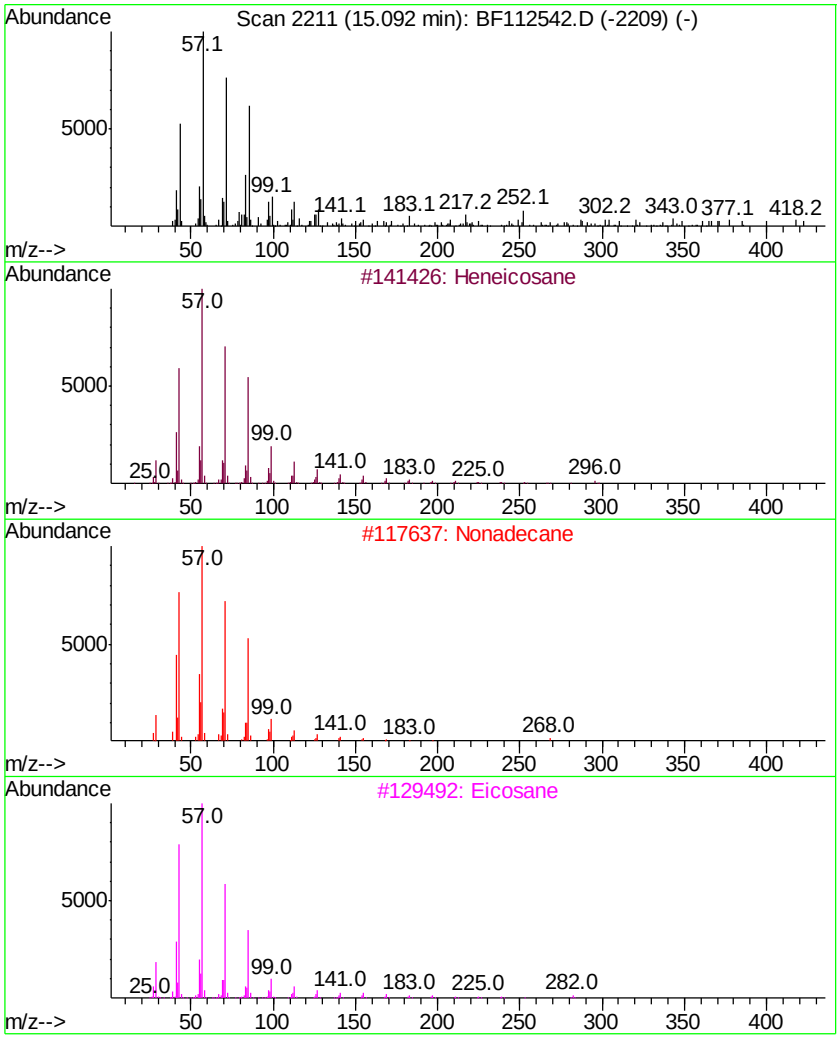
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

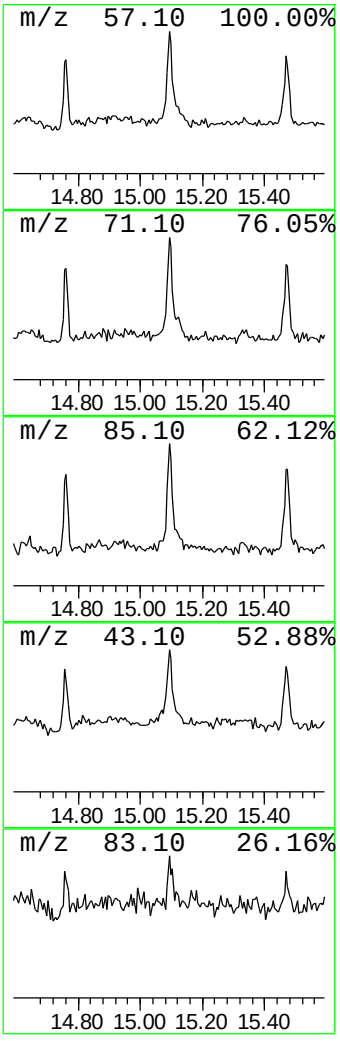
****

Peak Number 8 Heneicosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.09	4.18 ng	104391	Perylene-d12	15.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	95
2	Nonadecane	268	C19H40	000629-92-5	91
3	Eicosane	282	C20H42	000112-95-8	91
4	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	91
5	Tetradecane	198	C14H30	000629-59-4	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF021319\
Data File : BF112542.D
Acq On : 13 Feb 2019 16:46
Operator : JU/SJ
Sample : K1343-27 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-02-021119-N

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.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
unknown6.61	6.61	32.2	ng	967717	1	6.83	601440	20.0
n-Hexadecanoic acid	11.88	2.6	ng	86820	4	11.36	670943	20.0
9,12-Octadecadien...	12.43	3.9	ng	130853	4	11.36	670943	20.0
6-Octadecenoic ac...	12.45	3.0	ng	98800	4	11.36	670943	20.0
Octatriacontyl pe...	13.83	2.3	ng	77321	5	14.02	682055	20.0
Heptadecane, 9-oc...	14.76	2.9	ng	73321	6	15.50	499613	20.0
Heneicosane	15.09	4.2	ng	104391	6	15.50	499613	20.0