LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121118\
Data File : BF111278.D
Acq On : 11 Dec 2018 14:59
Operator : JU/SJ
Sample : J6196-05 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EO-03-120718-C

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-BF120818.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	4.987	485	493	499	rVB2	81395	104143	3.46%	0.309%
2	5.404	560	564	577	rBV	2146913	1876060	62.37%	5.567%
3	6.422	733	737	745	rBV	2332473	2067498	68.73%	6.135%
4	6.563	757	761	770	rBV	2333830	1976403	65.70%	5.865%
5	6.798	797	801	804	rBV	2709137	2276134	75.67%	6.754%
6	6.951	823	827	831	rBV	1849332	1465907	48.73%	4.350%
7	7.351	887	895	898	rBV	1465221	1202335	39.97%	3.568%
8	7.404	902	904	907	rVV	60805	48996	1.63%	0.145%
9	7.445	907	911	915	rVB5	28551	41036	1.36%	0.122%
10	7.816	969	974	977	rBV3	32304	50702	1.69%	0.150%
11	8.081	1015	1019	1022	rBV	3640984	3008007	100.00%	8.926%
12	8.381	1067	1070	1073	rVB4	41369	43602	1.45%	0.129%
13	8.434	1077	1079	1082	rBV3	43691	39138	1.30%	0.116%
14	8.469	1082	1085	1088	rBV3	44839	47579	1.58%	0.141%
15	8.516	1090	1093	1094	rBV	58161	53727	1.79%	0.159%
16	8.586	1102	1105	1108	rBV2	61394	56740	1.89%	0.168%
17	8.681	1117	1121	1124	rBV	106834	98147	3.26%	0.291%
18	8.781	1136	1138	1144	rVB3	40691	49770	1.65%	0.148%
19	8.904	1155	1159	1161	rBV3	30905	36671	1.22%	0.109%
20	9.110	1191	1194	1198	rVB2	68363	63781	2.12%	0.189%
21	9.151	1198	1201	1205	rBV	2151412	1899268	63.14%	5.636%
22	9.245	1214	1217	1221	rBV	130870	124093	4.13%	0.368%
23	9.416	1243	1246	1252	rVB8	25616	45455	1.51%	0.135%
24	9.545	1266	1268	1270	rBV	158506	127477	4.24%	0.378%
25	9.569	1270	1272	1274	rVB	59964	46781	1.56%	0.139%
26	9.775	1305	1307	1312	rVB	135006	99037	3.29%	0.294%
27	9.833	1313	1317	1321	rVV2	3244045	2691279	89.47%	7.986%
28	10.016	1343	1348	1349	rBV4	28325	42100	1.40%	0.125%
29	10.033	1349	1351	1354	rVB3	53053	48234	1.60%	0.143%
30	10.275	1389	1392	1395	rVB	129655	96339	3.20%	0.286%
31	10.498	1427	1430	1433	rVB	56144	52981	1.76%	0.157%
32	10.616	1446	1450	1455	rBV	1027748	847788	28.18%	2.516%
33	10.745	1470	1472	1474	rBV	134284	118625	3.94%	0.352%
34	11.198	1546	1549	1552	rBV2	110858	103979	3.46%	0.309%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121118\
Data File : BF111278.D
Acq On : 11 Dec 2018 14:59
Operator : JU/SJ
Sample : J6196-05 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EO-03-120718-C

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-BF120818.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.227	1552	1554	1558	rVB	93416	77325	2.57%	0.229%
36	11.316	1565	1569	1572	rBV	2615729	2186072	72.68%	6.487%
37	11.339	1572	1573	1576	rVB	152881	85205	2.83%	0.253%
38	11.622	1618	1621	1623	rBV	102705	82398	2.74%	0.245%
39	11.645	1623	1625	1627	rVB3	52239	40236	1.34%	0.119%
40	11.722	1634	1638	1641	rBV	1198595	914102	30.39%	2.713%
41	11.845	1656	1659	1664	rBV	301407	288789	9.60%	0.857%
42	11.927	1671	1673	1678	rVB5	51554	49515	1.65%	0.147%
43	12.033	1688	1691	1692	rBV	69791	58374	1.94%	0.173%
44	12.404	1751	1754	1756	rBV	2913947	2663191	88.54%	7.903%
45	12.427	1756	1758	1761	rVB	3115135	2363149	78.56%	7.013%
46	12.516	1770	1773	1778	rBV2	351947	416984	13.86%	1.237%
47	12.557	1778	1780	1785	rVB3	97343	114561	3.81%	0.340%
48	12.633	1790	1793	1799	rBV2	196351	240921	8.01%	0.715%
49	12.904	1835	1839	1842	rBV	1070499	968751	32.21%	2.875%
50	13.957	2014	2018	2021	rBV	1360693	1305690	43.41%	3.875%
51	15.398	2259	2263	2267	rBV	763883	893149	29.69%	2.650%

Sum of corrected areas: 33698224

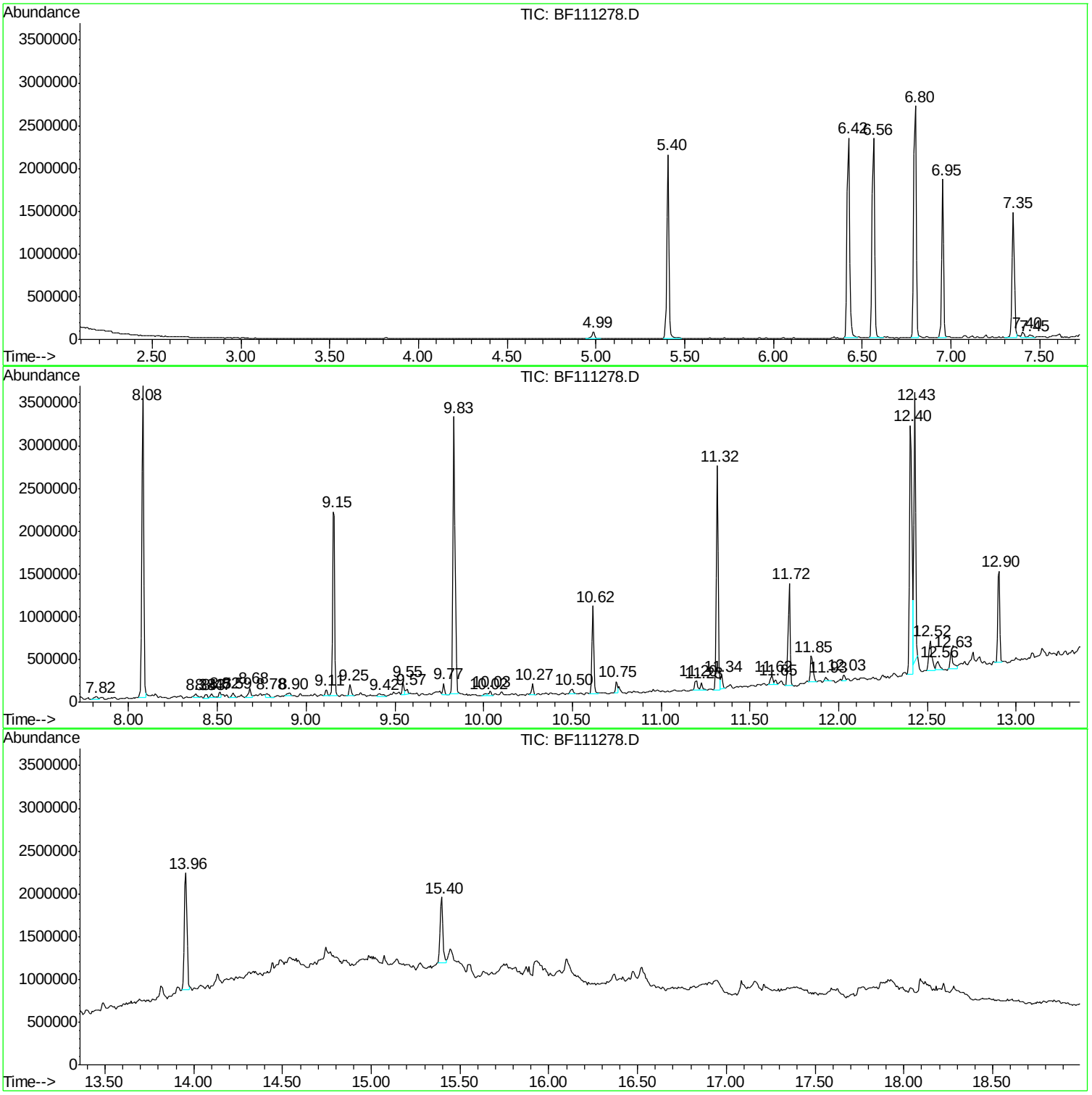
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121118\
Data File : BF111278.D
Acq On : 11 Dec 2018 14:59
Operator : JU/SJ
Sample : J6196-05 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EO-03-120718-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120818.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\BF121118\
Data File : BF111278.D
Acq On : 11 Dec 2018 14:59
Operator : JU/SJ
Sample : J6196-05 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EO-03-120718-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

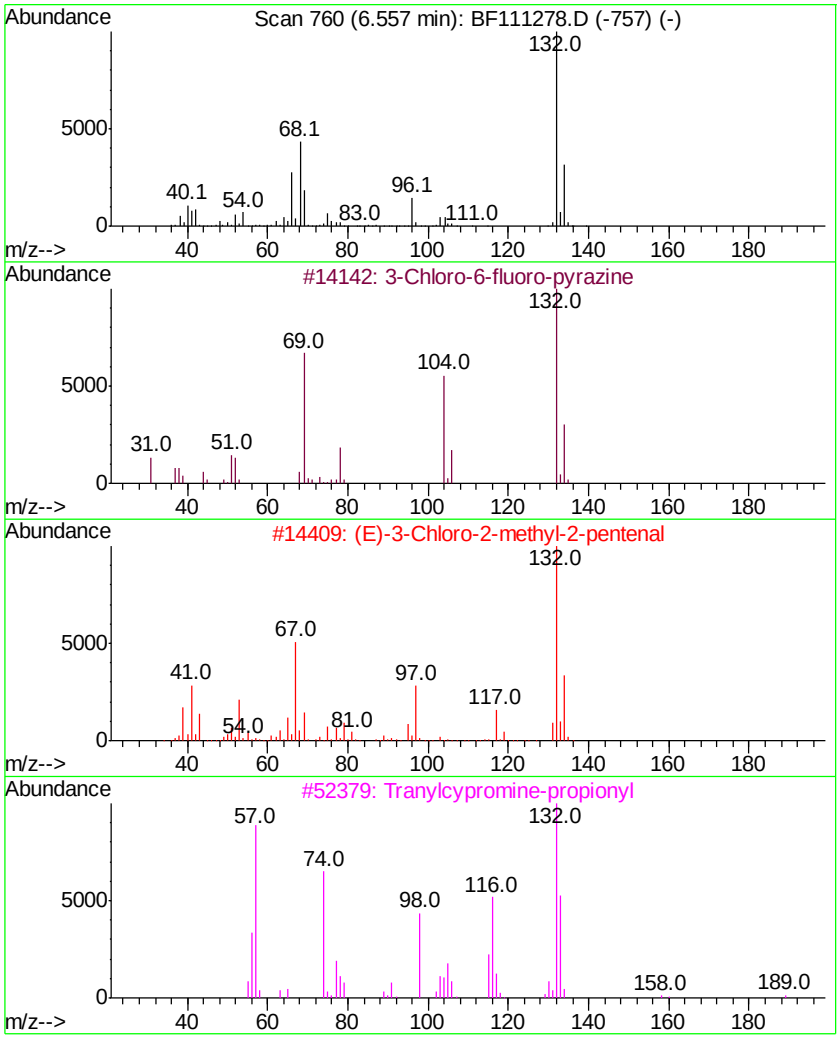
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

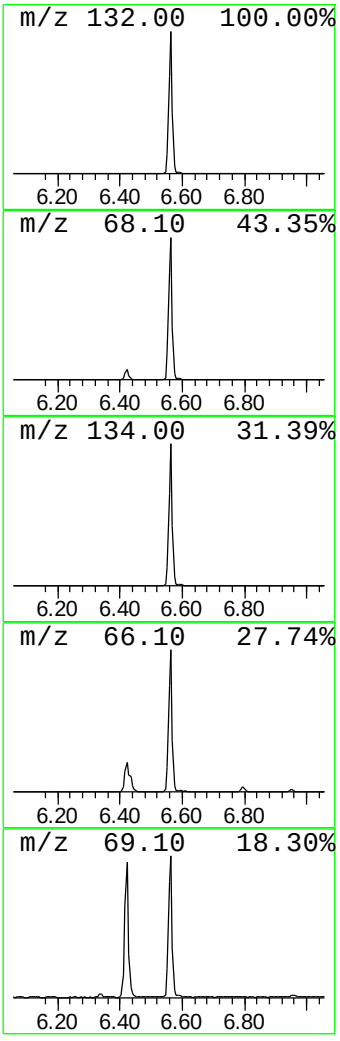
****

Peak Number 1 unknown6.56 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.56	17.37 ng	1976400	1,4-Dichlorobenzene-d4	6.80

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	16
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	Amphetaminil	250	C17H18N2	017590-01-1	12
5	5-Aminoindole	132	C8H8N2	005192-03-0	12





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121118\
Data File : BF111278.D
Acq On : 11 Dec 2018 14:59
Operator : JU/SJ
Sample : J6196-05 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EO-03-120718-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

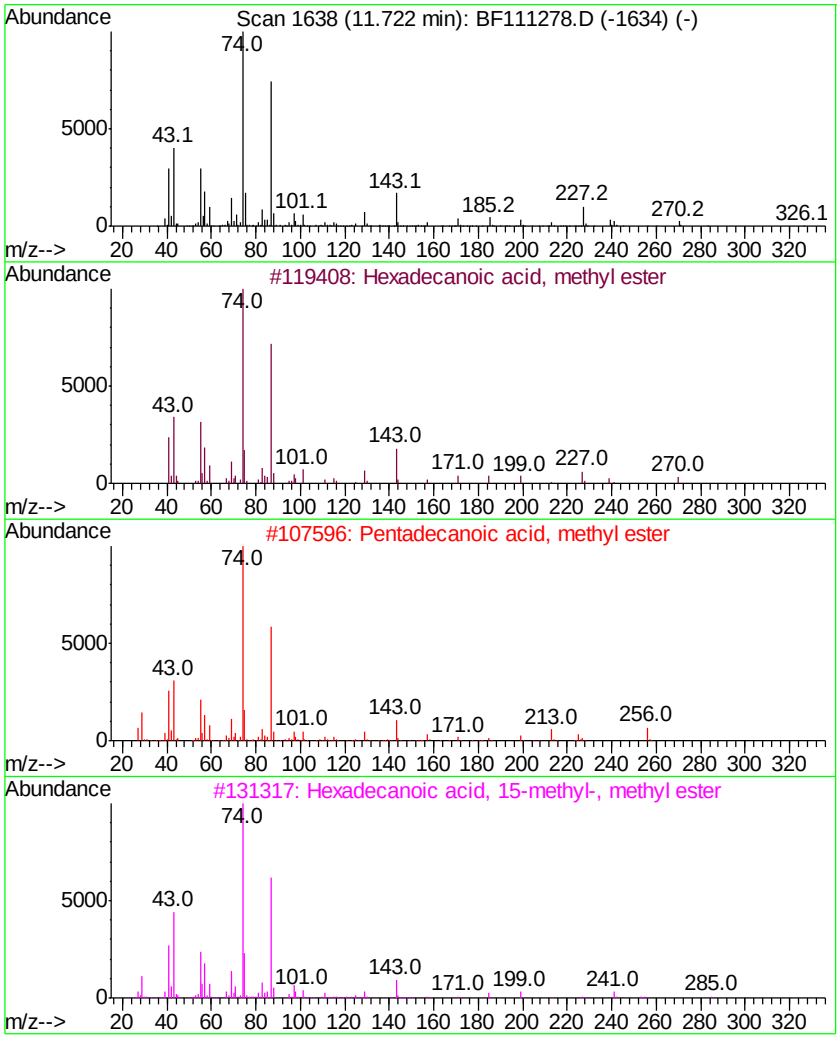
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

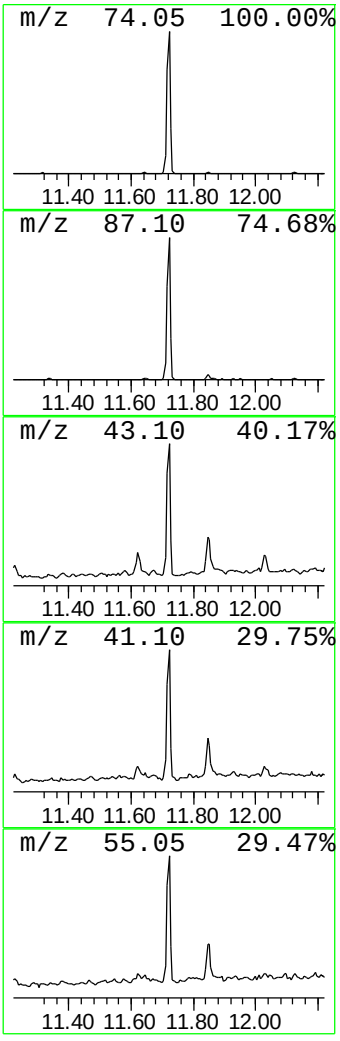
****

Peak Number 3 Hexadecanoic acid, methyl e... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.72	8.36 ng	914102	Phenanthrene-d10	11.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	98
2	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	90
3	Hexadecanoic acid, 15-methyl-, m...	284	C18H36O2	006929-04-0	87
4	Decanoic acid, methyl ester	186	C11H22O2	000110-42-9	87
5	Methyl tetradecanoate	242	C15H30O2	000124-10-7	86





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121118\
Data File : BF111278.D
Acq On : 11 Dec 2018 14:59
Operator : JU/SJ
Sample : J6196-05 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EO-03-120718-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

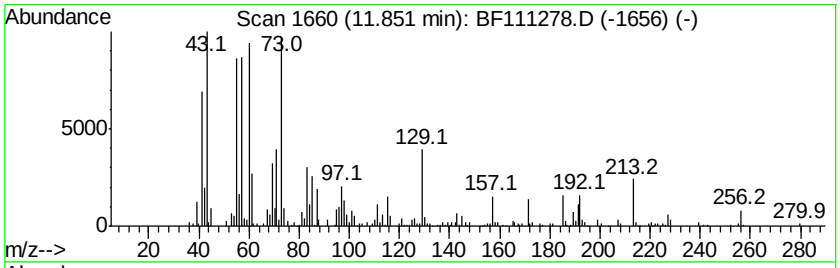
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

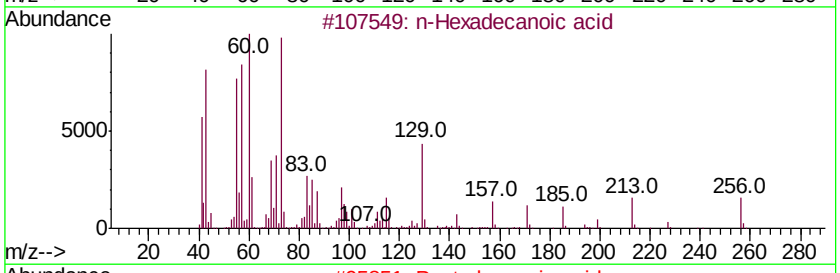
****

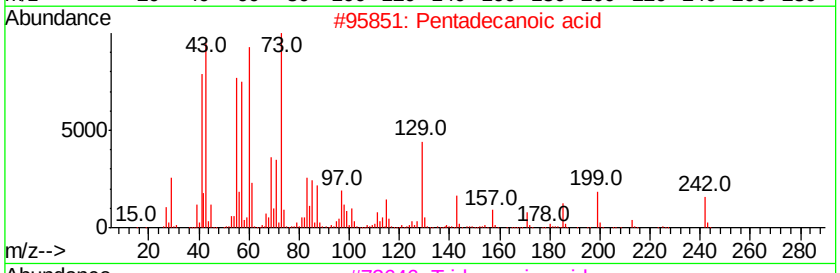
Peak Number 4 n-Hexadecanoic acid Concentration Rank 7

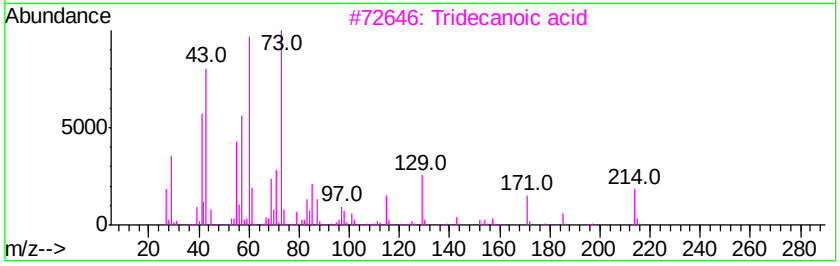
R.T.	EstConc	Area	Relative to ISTD	R.T.
11.85	2.64 ng	288789	Phenanthrene-d10	11.32

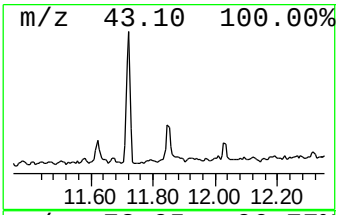
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	81
3	Tridecanoic acid	214	C13H26O2	000638-53-9	64
4	Undecanoic acid	186	C11H22O2	000112-37-8	64
5	n-Decanoic acid	172	C10H20O2	000334-48-5	53

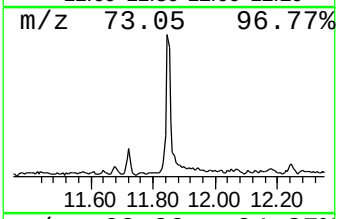


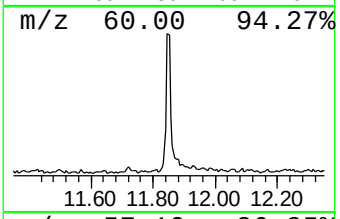


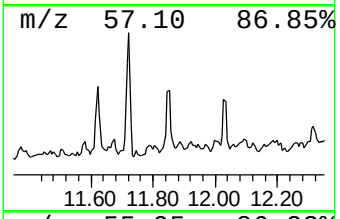


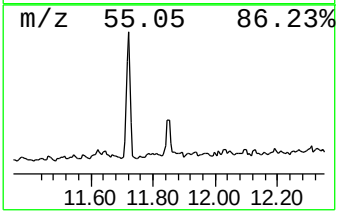












Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121118\
Data File : BF111278.D
Acq On : 11 Dec 2018 14:59
Operator : JU/SJ
Sample : J6196-05 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EO-03-120718-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

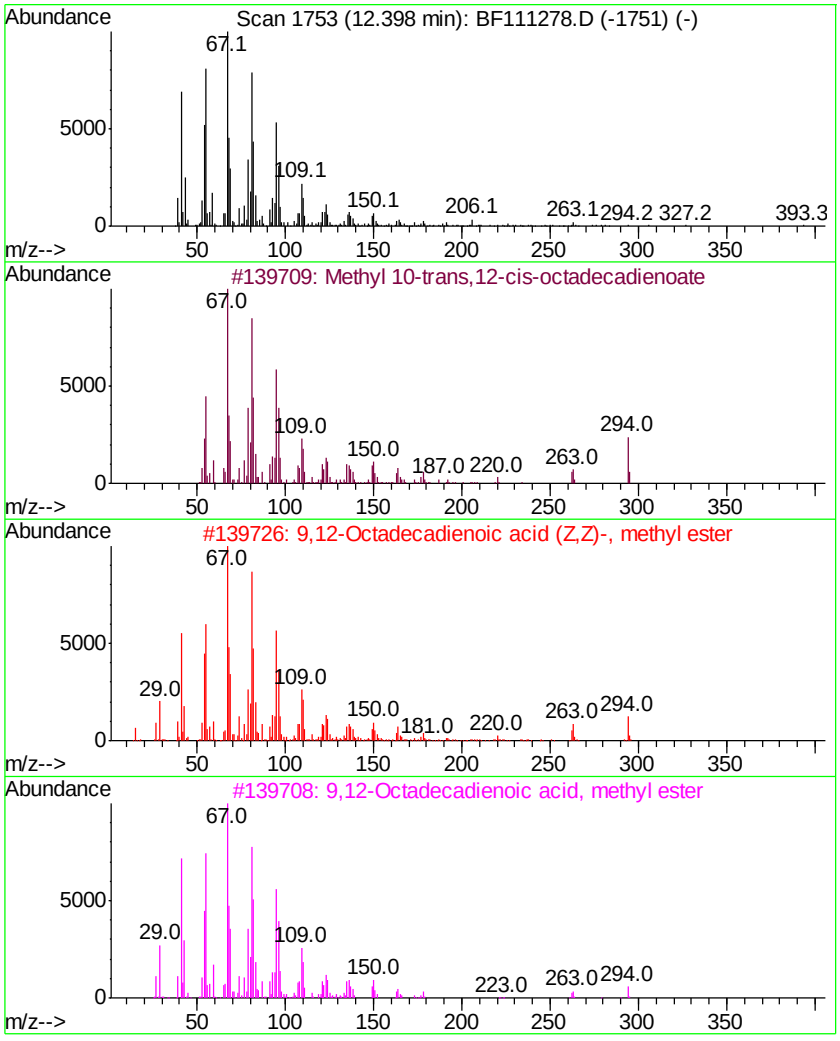
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

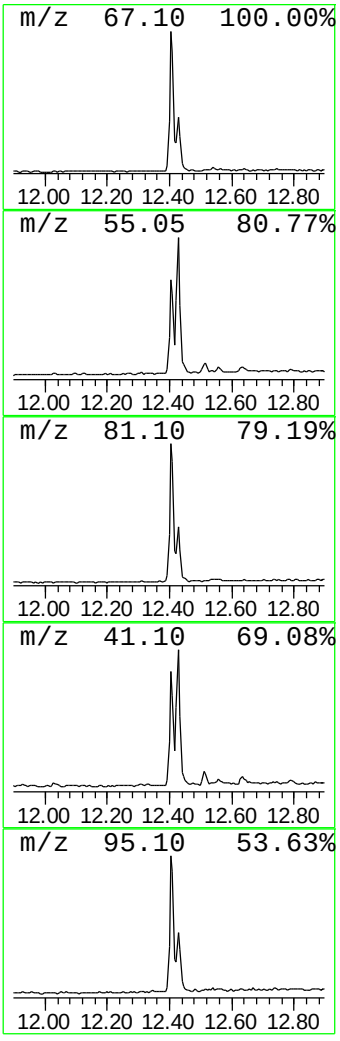
****

Peak Number 5 Methyl 10-trans,12-cis-octa... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.40	24.37 ng	2663190	Phenanthrene-d10	11.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl 10-trans,12-cis-octadecad...	294	C19H34O2	1000336-44-2	99
2	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	99
3	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99
4	10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	99
5	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	98





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121118\
Data File : BF111278.D
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Instrument : BNA_F
ClientSampleId : EO-03-120718-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

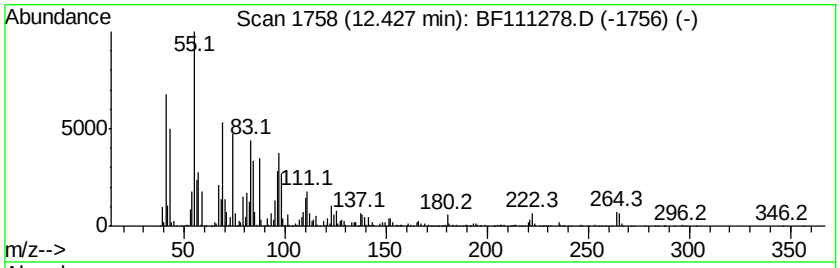
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

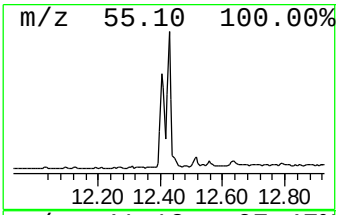
****

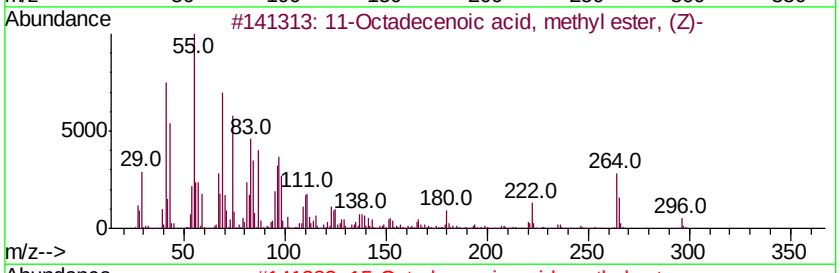
Peak Number 6 11-Octadecenoic acid, methy... Concentration Rank 2

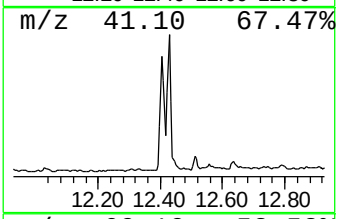
R.T.	EstConc	Area	Relative to ISTD	R.T.
12.43	21.62 ng	2363150	Phenanthrene-d10	11.32

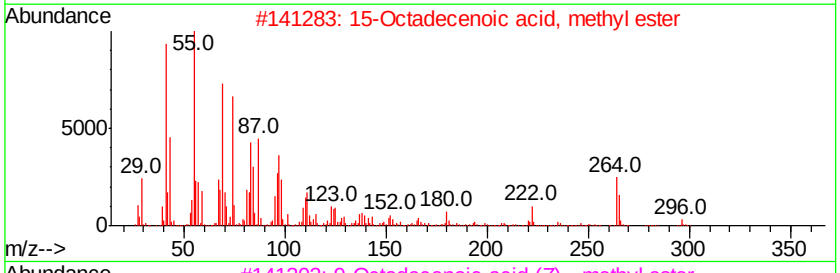
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11-Octadecenoic acid, methyl est...	296	C19H36O2	001937-63-9	95
2	15-Octadecenoic acid, methyl ester	296	C19H36O2	004764-72-1	93
3	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	93
4	14-Octadecenoic acid, methyl ester	296	C19H36O2	056554-48-4	91
5	11-Octadecenoic acid, methyl ester	296	C19H36O2	052380-33-3	91

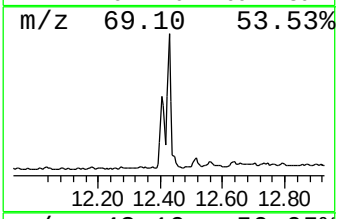


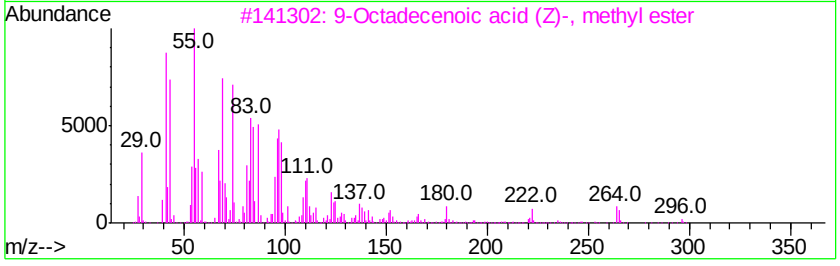


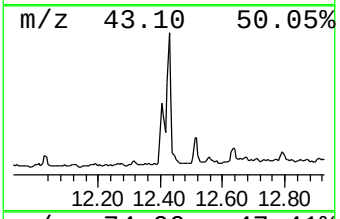


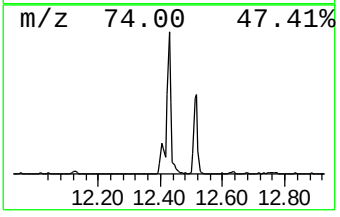












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Data File : BF111278.D
Acq On : 11 Dec 2018 14:59
Operator : JU/SJ
Sample : J6196-05 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EO-03-120718-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

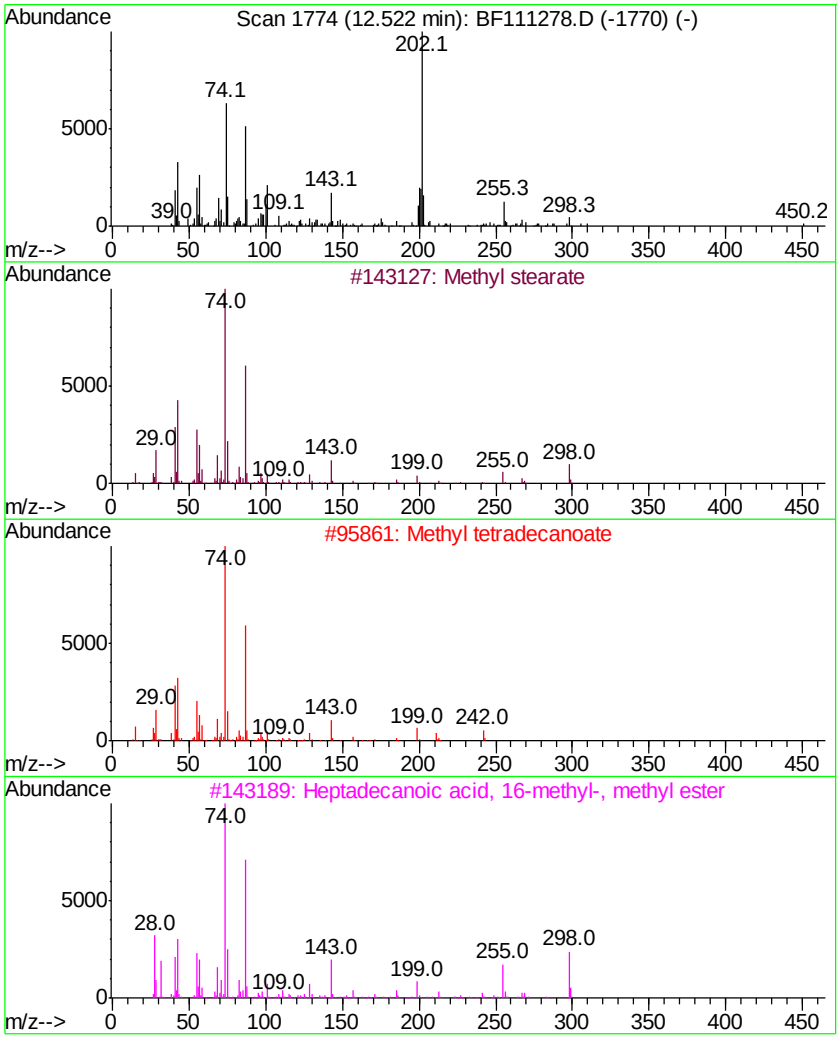
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

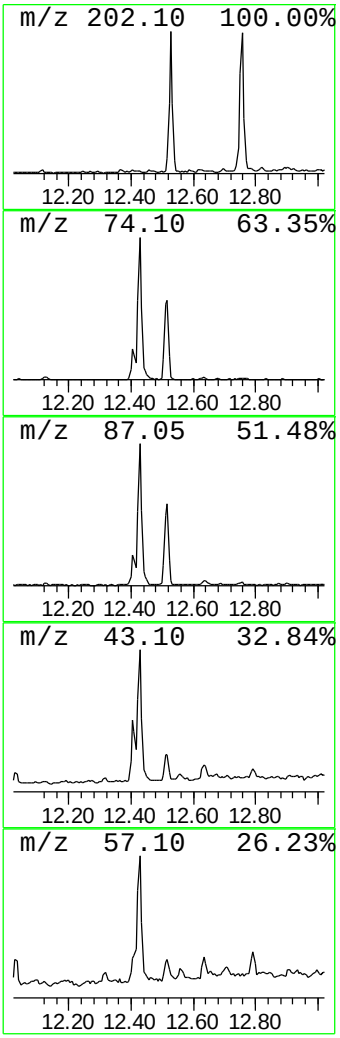
****

Peak Number 7 Methyl stearate Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.52	3.81 ng	416984	Phenanthrene-d10	11.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl stearate	298	C19H38O2	000112-61-8	97
2	Methyl tetradecanoate	242	C15H30O2	000124-10-7	93
3	Heptadecanoic acid, 16-methyl-, ...	298	C19H38O2	005129-61-3	93
4	Nonadecanoic acid, methyl ester	312	C20H40O2	001731-94-8	87
5	Heptadecanoic acid, 15-methyl-, ...	298	C19H38O2	054833-55-5	87





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121118\
Data File : BF111278.D
Acq On : 11 Dec 2018 14:59
Operator : JU/SJ
Sample : J6196-05 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EO-03-120718-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

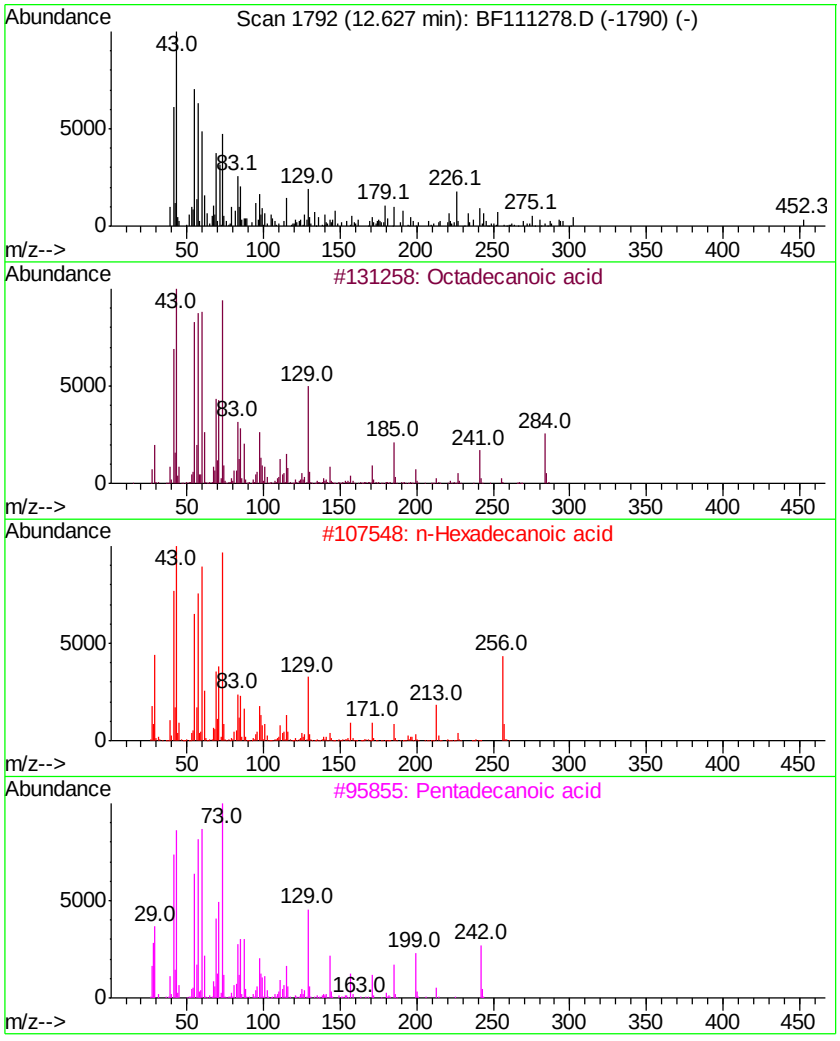
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

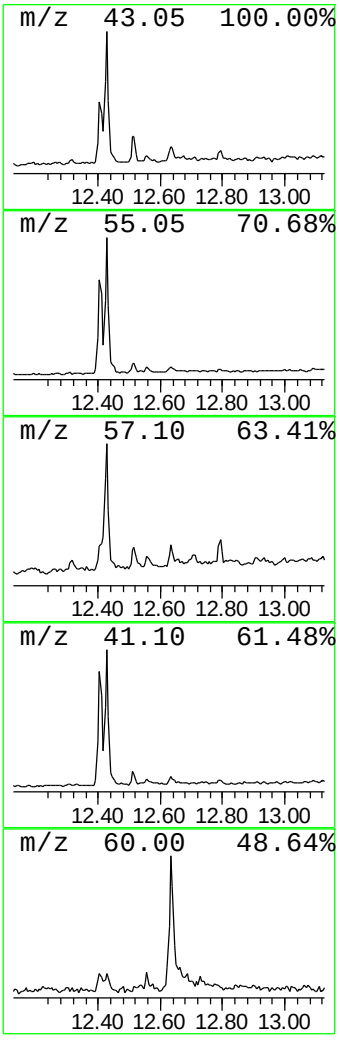
****

Peak Number 8 Octadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.63	2.20 ng	240921	Phenanthrene-d10	11.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	81
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	81
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	72
4	Tridecanoic acid	214	C13H26O2	000638-53-9	52
5	Nonanoic acid	158	C9H18O2	000112-05-0	38





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF121118\
Data File : BF111278.D
Acq On : 11 Dec 2018 14:59
Operator : JU/SJ
Sample : J6196-05 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EO-03-120718-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120818.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
unknown6.56	6.56	17.4	ng	1976400	1	6.80	2276130	20.0
Hexadecanoic acid...	11.72	8.4	ng	914102	4	11.32	2186070	20.0
n-Hexadecanoic acid	11.85	2.6	ng	288789	4	11.32	2186070	20.0
Methyl 10-trans,1...	12.40	24.4	ng	2663190	4	11.32	2186070	20.0
11-Octadecenoic a...	12.43	21.6	ng	2363150	4	11.32	2186070	20.0
Methyl stearate	12.52	3.8	ng	416984	4	11.32	2186070	20.0
Octadecanoic acid	12.63	2.2	ng	240921	4	11.32	2186070	20.0