LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060519\
Data File : BF114842.D
Acq On : 6 Jun 2019 2:09
Operator : HP/JU
Sample : K3151-03 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AU-06-060419-B

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-BF060419.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	5.263	536	540	544	rBV	3416836	3244411	73.85%	6.892%
2	6.304	712	717	720	rBV	3615029	3347438	76.20%	7.111%
3	6.434	735	739	743	rBV	4161099	3624787	82.51%	7.700%
4	6.669	775	779	782	rBV	2681477	2138572	48.68%	4.543%
5	6.822	802	805	809	rBV	3145260	2874758	65.44%	6.106%
6	7.228	869	874	877	rBV	2475335	2135899	48.62%	4.537%
7	7.951	993	997	1000	rBV	3553017	2854635	64.98%	6.064%
8	9.028	1176	1180	1183	rBV	4823284	4393077	100.00%	9.332%
9	9.416	1243	1246	1253	rBV	655835	567229	12.91%	1.205%
10	9.557	1267	1270	1273	rBV	87533	78726	1.79%	0.167%
11	9.698	1290	1294	1298	rBV	3815866	3255445	74.10%	6.915%
12	10.481	1422	1427	1430	rBV	2594444	2480214	56.46%	5.268%
13	10.616	1447	1450	1457	rVB3	47874	72257	1.64%	0.153%
14	11.169	1541	1544	1547	rBV	3406550	3136638	71.40%	6.663%
15	11.192	1547	1548	1551	rVV	218723	130193	2.96%	0.277%
16	11.245	1555	1557	1560	rVB	95396	69649	1.59%	0.148%
17	11.586	1611	1615	1618	rVB	292392	260878	5.94%	0.554%
18	11.716	1632	1637	1641	rBV2	698853	699885	15.93%	1.487%
19	11.780	1645	1648	1650	rBV	81672	75249	1.71%	0.160%
20	12.222	1720	1723	1725	rBV	83413	93006	2.12%	0.198%
21	12.263	1727	1730	1732	rVV	884355	747840	17.02%	1.589%
22	12.286	1732	1734	1737	rVB2	642308	502887	11.45%	1.068%
23	12.375	1746	1749	1751	rBV	533598	435977	9.92%	0.926%
24	12.498	1767	1770	1775	rBV2	225809	263510	6.00%	0.560%
25	12.598	1784	1787	1791	rVB	409343	366936	8.35%	0.779%
26	12.751	1809	1813	1817	rBV	4537773	4078491	92.84%	8.663%
27	13.657	1965	1967	1973	rBV2	272565	408637	9.30%	0.868%
28	13.792	1986	1990	1993	rBV	2732534	2764544	62.93%	5.872%
29	15.180	2222	2226	2233	rVB	1611667	1975573	44.97%	4.196%

Sum of corrected areas: 47077341

LSC Report - Integrated Chromatogram

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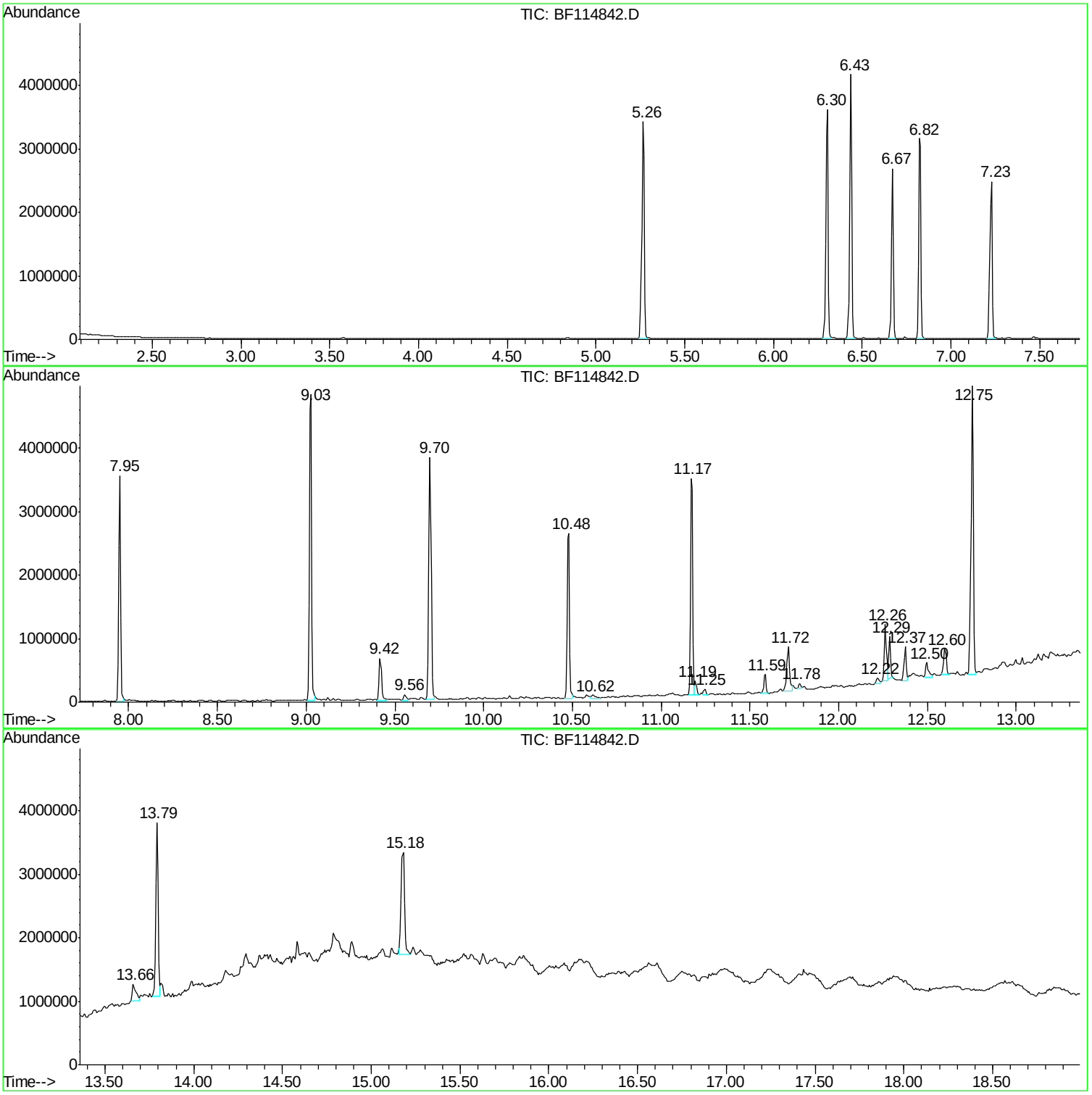
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AU-06-060419-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060419.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

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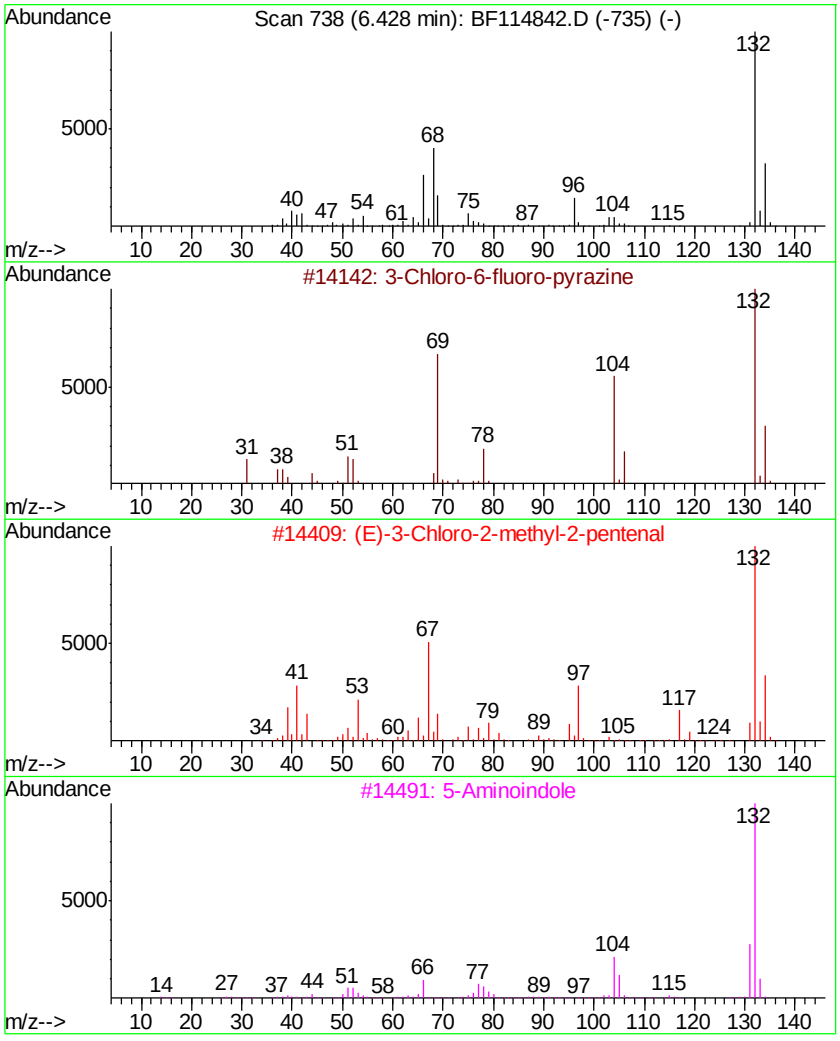
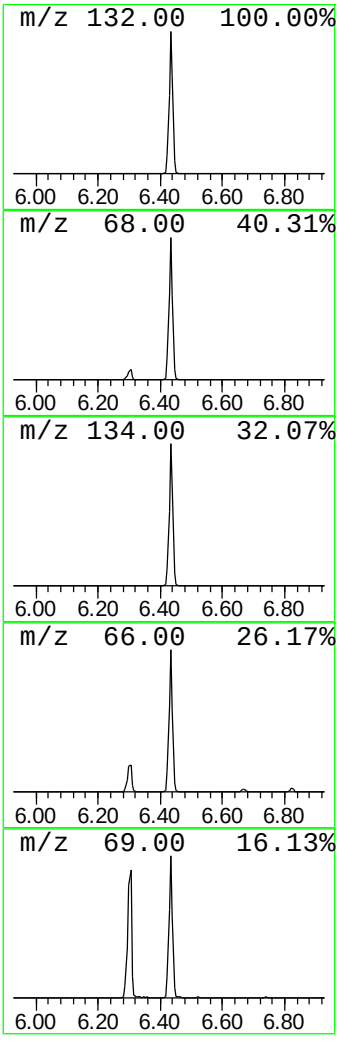
Peak Number 1 unknown6.43 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.43	33.90 ng	3624790	1,4-Dichlorobenzene-d4	6.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9
5	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9





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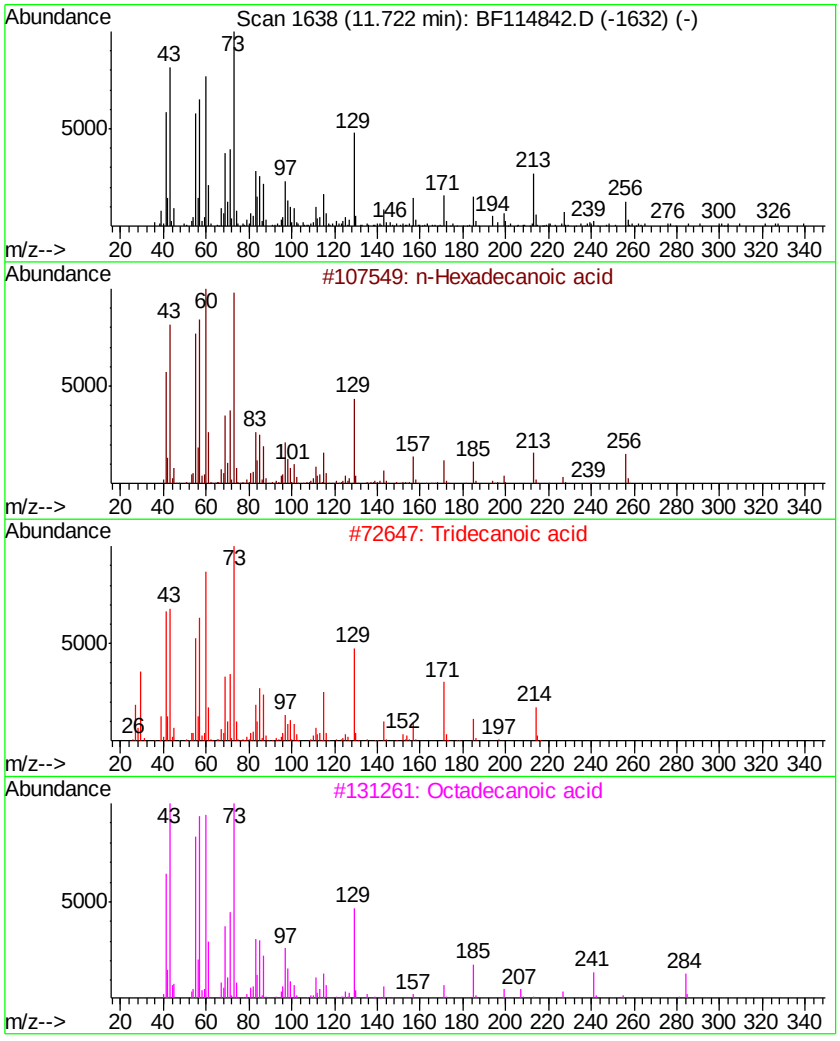
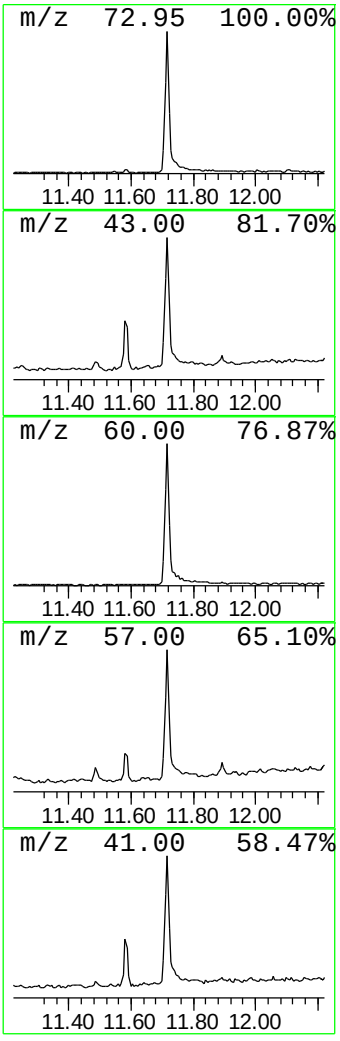
Peak Number 3 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.72	4.46 ng	699885	Phenanthrene-d10	11.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	94
3	Octadecanoic acid	284	C18H36O2	000057-11-4	87
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	80





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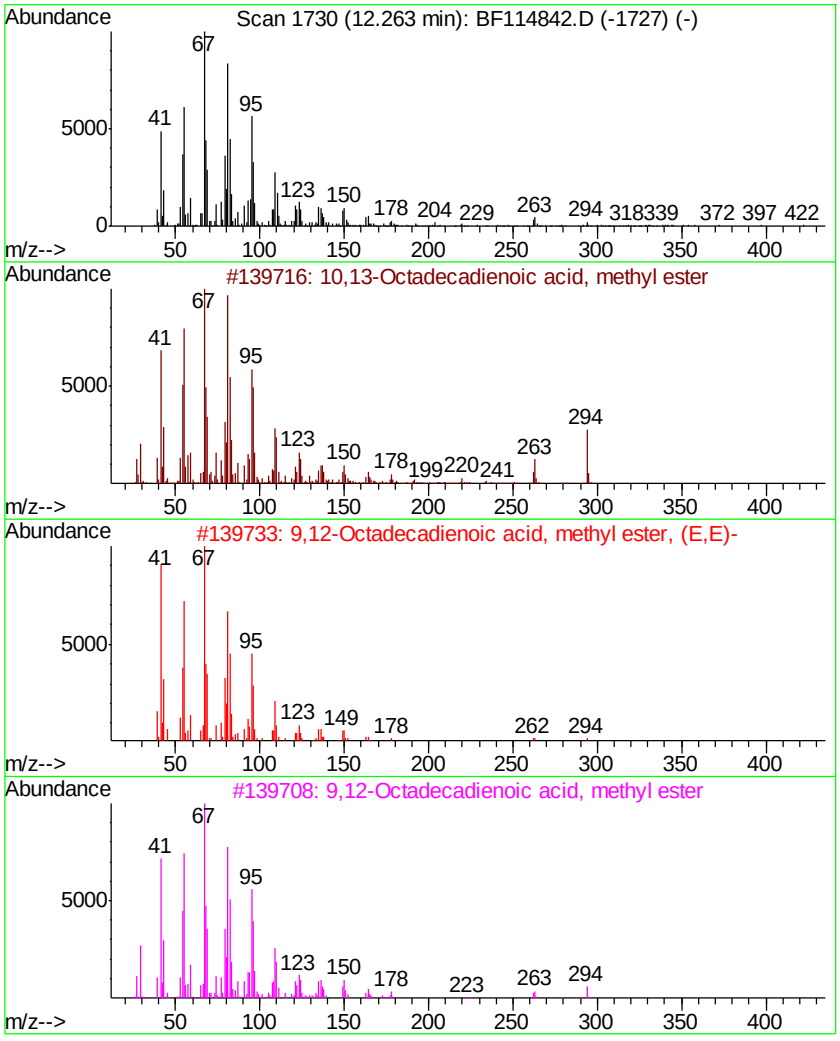
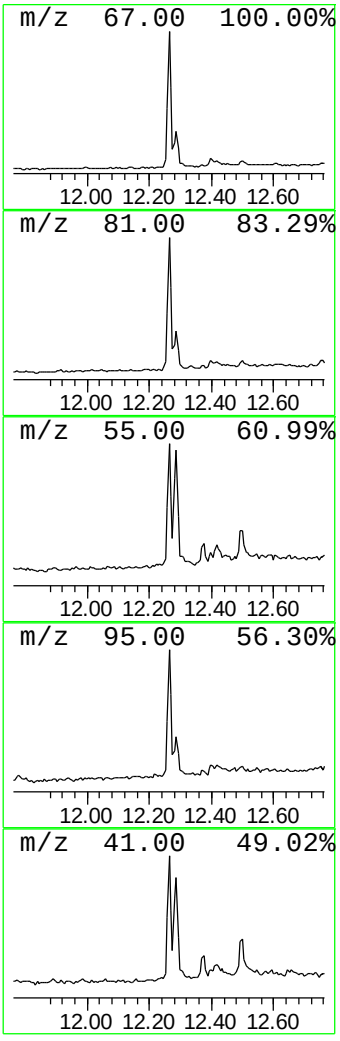
Peak Number 4 10,13-Octadecadienoic acid,... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.26	4.77 ng	747840	Phenanthrene-d10	11.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	99
2	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
3	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99
4	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	99
5	11,14-Octadecadienoic acid, meth...	294	C19H34O2	056554-61-1	98





Library Search Compound Report

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060419.M
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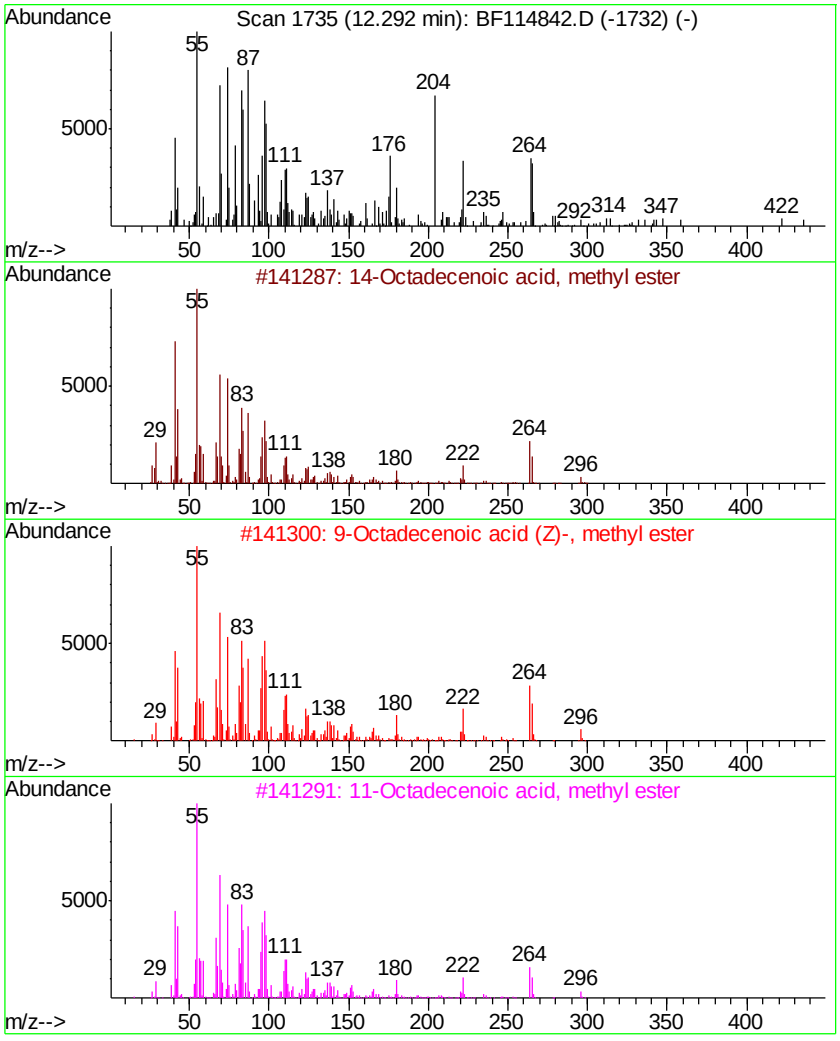
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

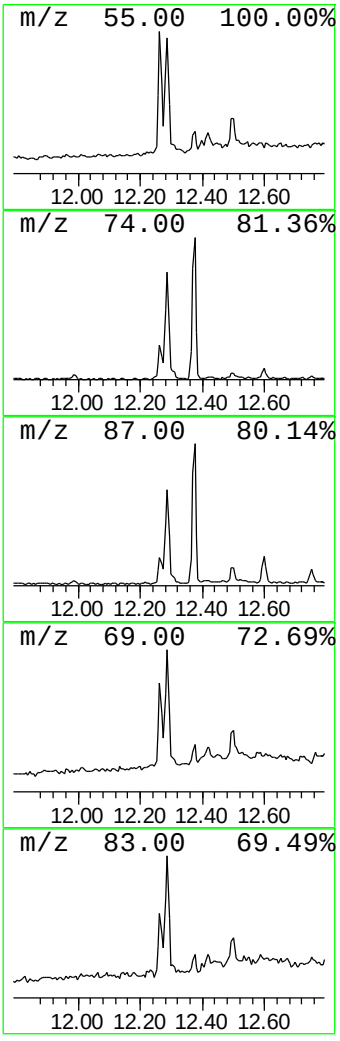
****

Peak Number 5 14-Octadecenoic acid, methy... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.29	3.21 ng	502887	Phenanthrene-d10	11.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	14-Octadecenoic acid, methyl ester	296	C19H36O2	056554-48-4	96
2	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	94
3	11-Octadecenoic acid, methyl ester	296	C19H36O2	052380-33-3	94
4	12-Octadecenoic acid, methyl ester	296	C19H36O2	056554-46-2	93
5	11-Octadecenoic acid, methyl est...	296	C19H36O2	001937-63-9	93





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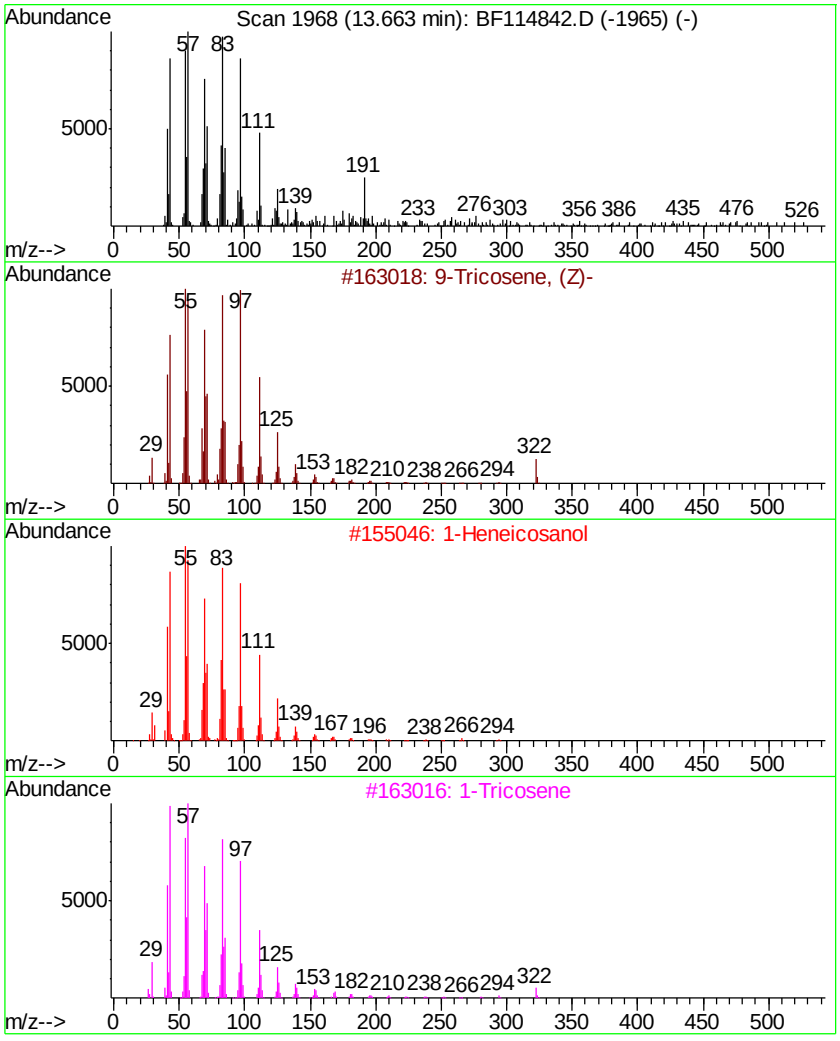
TIC Integration Parameters: LSCINT.P

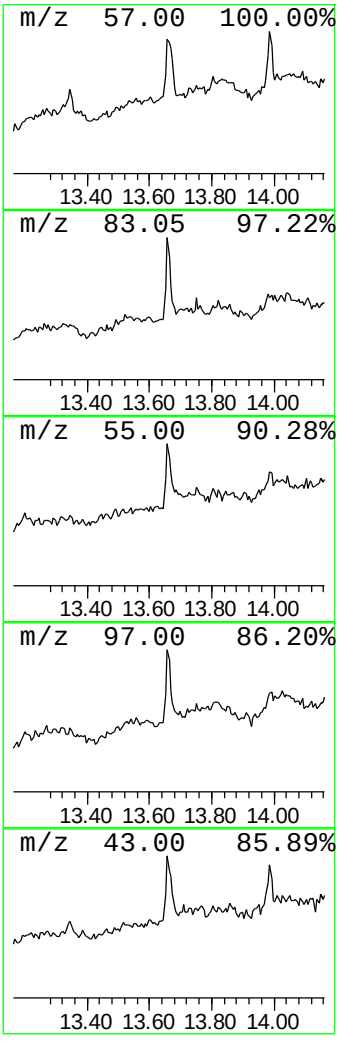
****

Peak Number 6 9-Tricosene, (Z)- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.66	2.96 ng	408637	Chrysene-d12	13.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Tricosene, (Z)-	322	C23H46	027519-02-4	95
2	1-Heneicosanol	312	C21H44O	015594-90-8	95
3	1-Tricosene	322	C23H46	018835-32-0	95
4	Behenic alcohol	326	C22H46O	000661-19-8	94
5	n-Nonadecanol-1	284	C19H40O	001454-84-8	94





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown6.43	6.43	33.9	ng	3624790	1	6.67	2138570	20.0
n-Hexadecanoic acid	11.72	4.5	ng	699885	4	11.17	3136640	20.0
10,13-Octadecadie...	12.26	4.8	ng	747840	4	11.17	3136640	20.0
14-Octadecenoic a...	12.29	3.2	ng	502887	4	11.17	3136640	20.0
9-Tricosene, (Z)-	13.66	3.0	ng	408637	5	13.79	2764540	20.0