LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050319\
Data File : BM020123.D
Acq On : 03 May 2019 21:52
Operator : JU/SJ
Sample : K2635-07 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : AU-05-050219-D

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_M\METHODS\8270-BM043019.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	5.357	397	403	413	rVB	420711	623329	5.14%	1.463%
2	6.940	665	672	681	rVB	502985	756860	6.24%	1.776%
3	7.310	729	735	742	rVB	476145	755692	6.23%	1.774%
4	7.787	809	816	823	rBV	688158	1082900	8.93%	2.542%
5	8.104	861	870	877	rBV	366174	599203	4.94%	1.406%
6	8.945	1006	1013	1028	rBV	287371	494326	4.07%	1.160%
7	10.575	1283	1290	1297	rVB	865371	1449746	11.95%	3.403%
8	13.045	1703	1710	1716	rBV	726471	1076299	8.87%	2.526%
9	14.427	1939	1945	1953	rVB2	1295485	1944780	16.03%	4.564%
10	15.916	2189	2198	2206	rBV	391875	554917	4.57%	1.302%
11	17.174	2405	2412	2417	rBV2	1643892	2331724	19.22%	5.473%
12	17.833	2519	2524	2530	rBV	1445098	1779616	14.67%	4.177%
13	18.986	2714	2720	2722	rBV	10292500	12131769	100.00%	28.474%
14	19.015	2722	2725	2735	rVB2	6216728	8169612	67.34%	19.174%
15	19.145	2742	2747	2752	rBV	1048280	1190944	9.82%	2.795%
16	19.592	2815	2823	2831	rBV2	61645	141866	1.17%	0.333%
17	19.798	2852	2858	2867	rBV	1198268	1471905	12.13%	3.455%
18	20.286	2937	2941	2946	rBV3	160277	260874	2.15%	0.612%
19	20.345	2947	2951	2955	rVV	181179	241787	1.99%	0.567%
20	20.551	2982	2986	2991	rBV3	181599	228154	1.88%	0.535%
21	21.356	3118	3123	3134	rVB	2034537	2626063	21.65%	6.163%
22	23.644	3505	3512	3525	rVB	1347262	2694678	22.21%	6.324%

Sum of corrected areas: 42607044

LSC Report - Integrated Chromatogram

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Misc :
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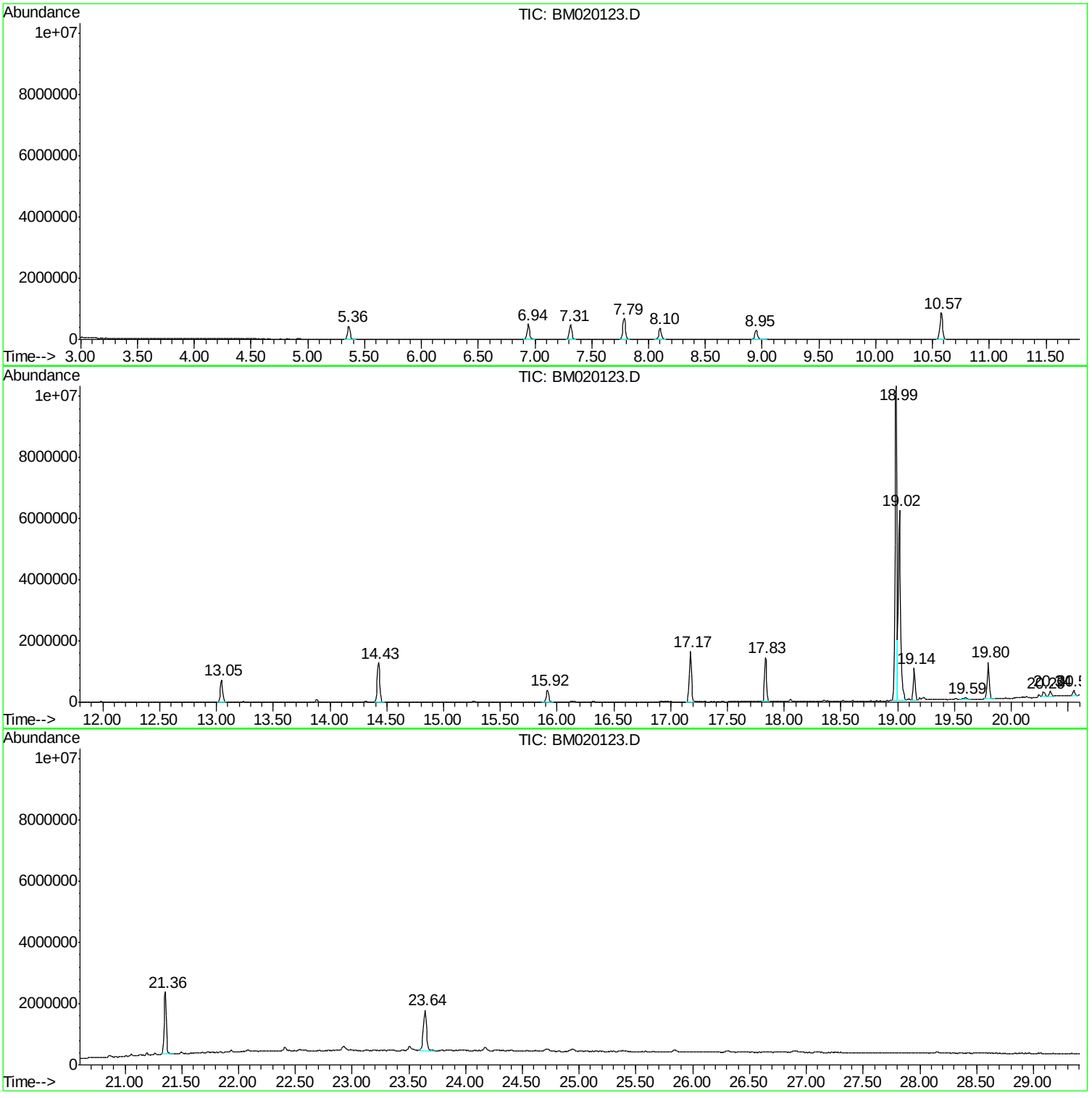
Instrument : BNA_M
ClientSampleId : AU-05-050219-D

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM043019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

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TIC Library : C:\DATABASE\NIST02.L
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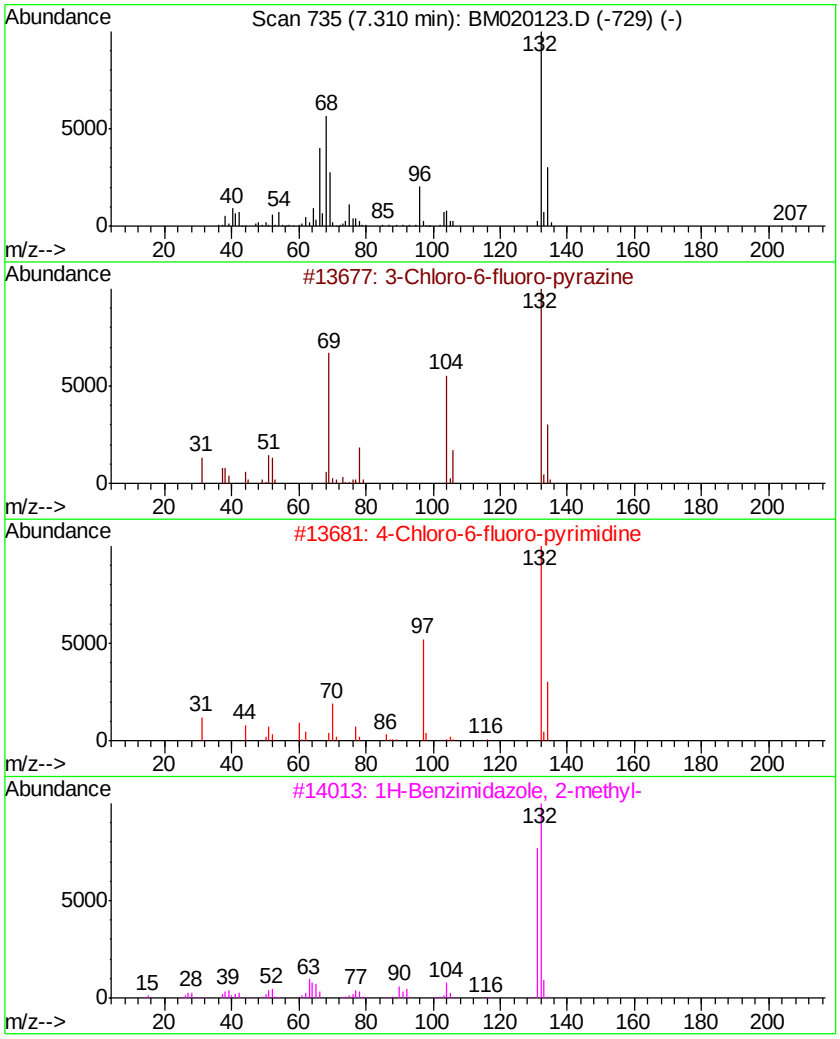
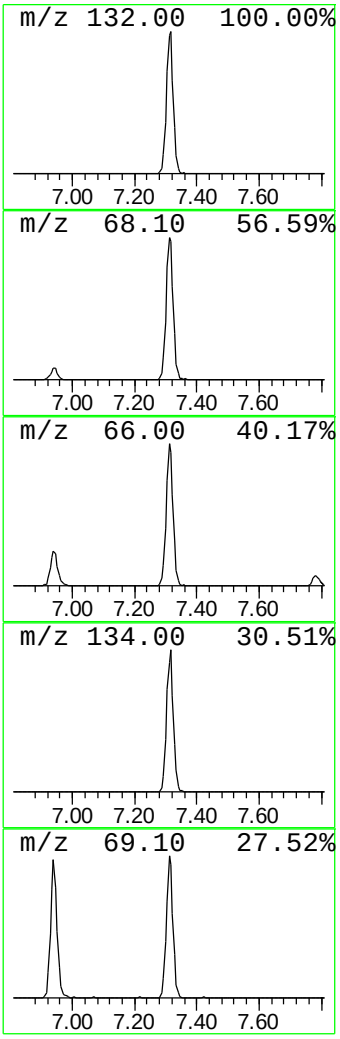
****

Peak Number 1 unknown7.31 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.31	13.96 ng	755692	1,4-Dichlorobenzene-d4	7.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	18
2	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	14
3	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	14
4	1,2,3-Trifluorobenzene	132	C6H3F3	001489-53-8	9
5	Benzene, 1,2,4-trifluoro-	132	C6H3F3	000367-23-7	9





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ClientSampleId : AU-05-050219-D

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TIC Library : C:\DATABASE\NIST02.L
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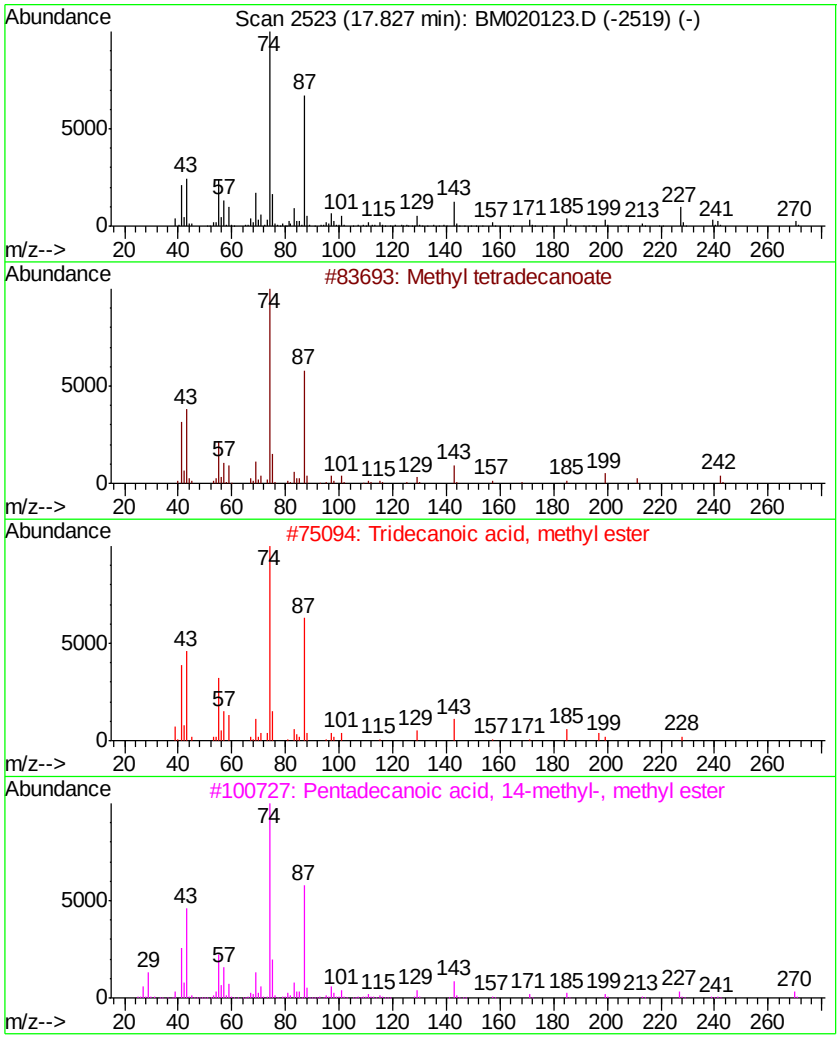
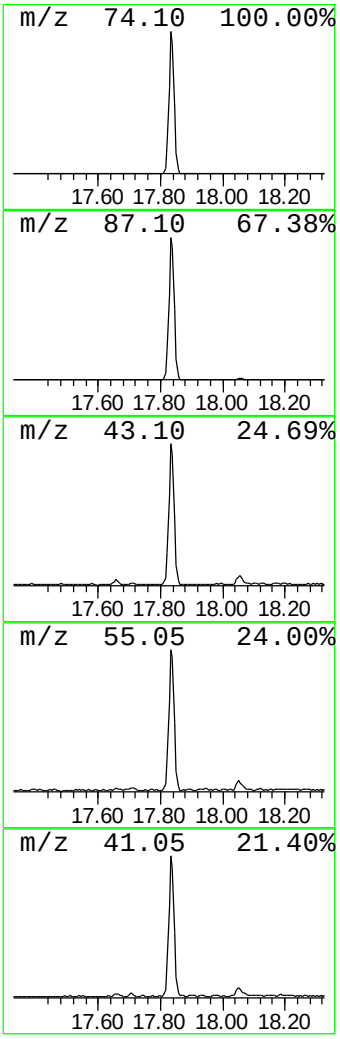
Peak Number 3 Methyl tetradecanoate Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.83	15.26 ng	1779620	Phenanthrene-d10	17.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl tetradecanoate	242	C15H30O2	000124-10-7	95
2	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	94
3	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	94
4	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	93
5	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	86





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Sample : K2635-07 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : AU-05-050219-D

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM043019.M
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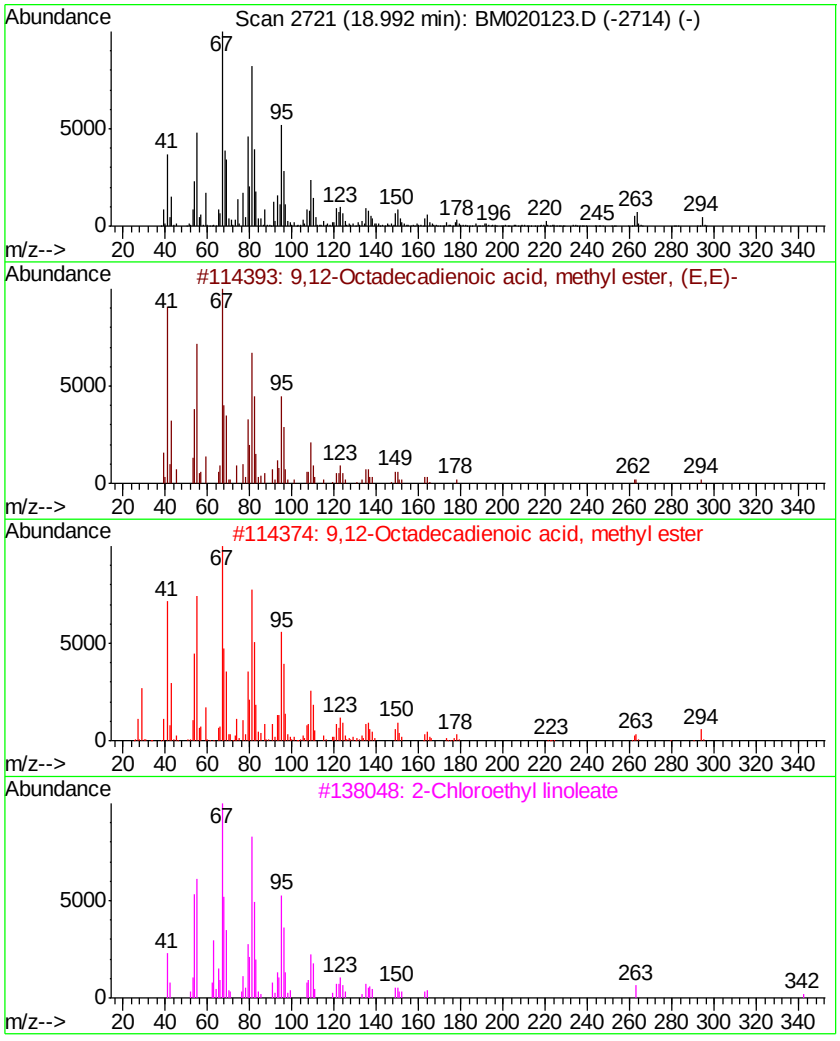
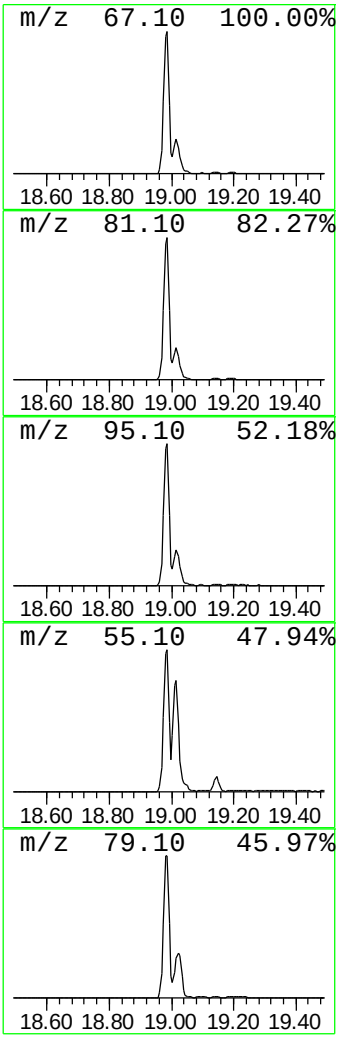
Peak Number 4 9,12-Octadecadienoic acid, ... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.99	104.06 ng	12131800	Phenanthrene-d10	17.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	95
2	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	94
3	2-Chloroethyl linoleate	342	C20H35ClO2	025525-76-2	94
4	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	87
5	11,14-Octadecadienoic acid, meth...	294	C19H34O2	056554-61-1	86





Library Search Compound Report

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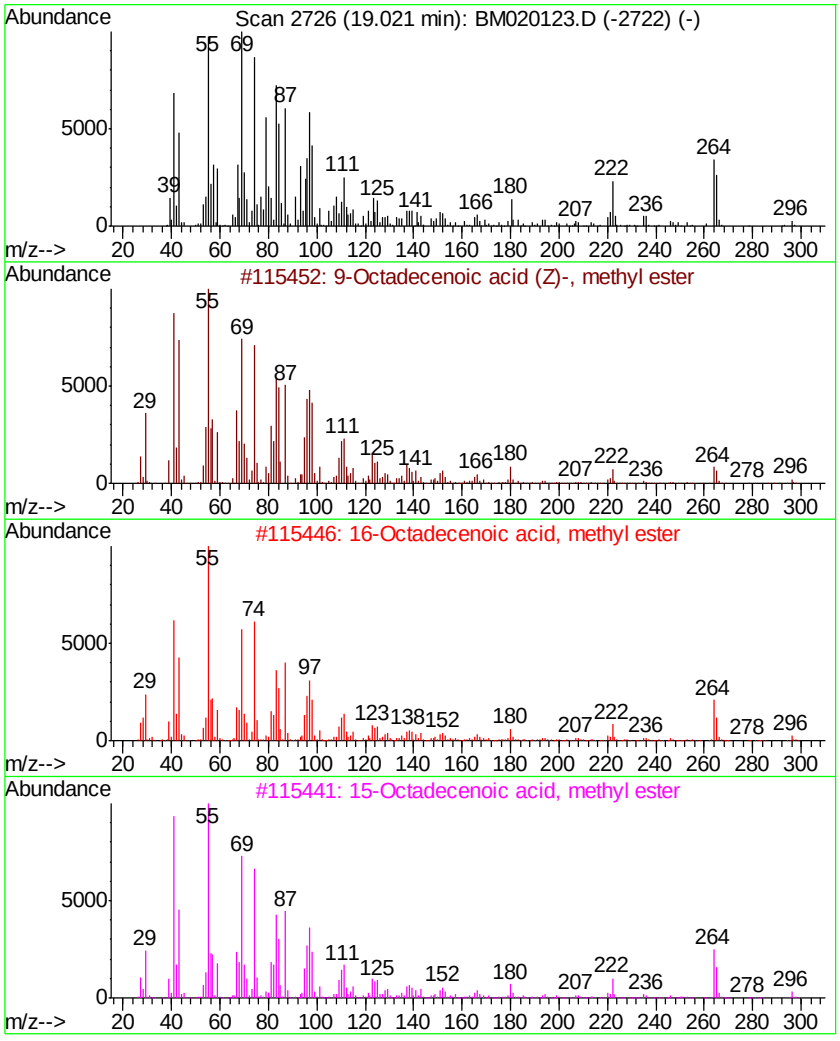
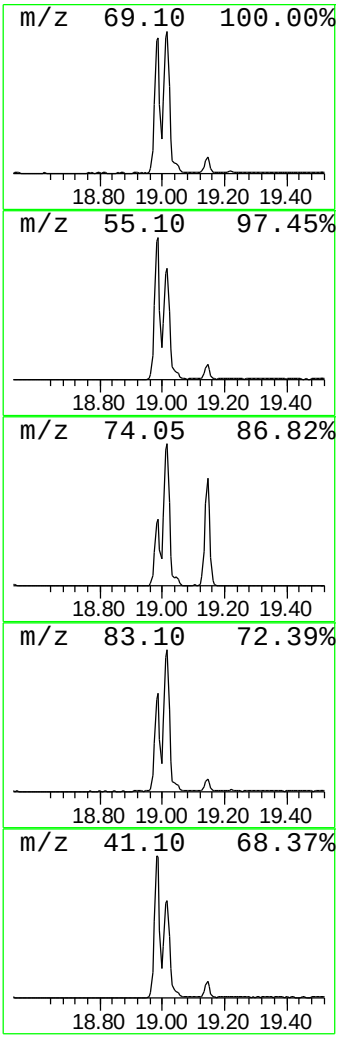
Peak Number 5 9-Octadecenoic acid (Z)-, m... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.02	70.07 ng	8169610	Phenanthrene-d10	17.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	99
2	16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	99
3	15-Octadecenoic acid, methyl ester	296	C19H36O2	004764-72-1	99
4	9-Octadecenoic acid, methyl ester	296	C19H36O2	002462-84-2	99
5	11-Octadecenoic acid, methyl est...	296	C19H36O2	001937-63-9	98





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Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : AU-05-050219-D

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM043019.M
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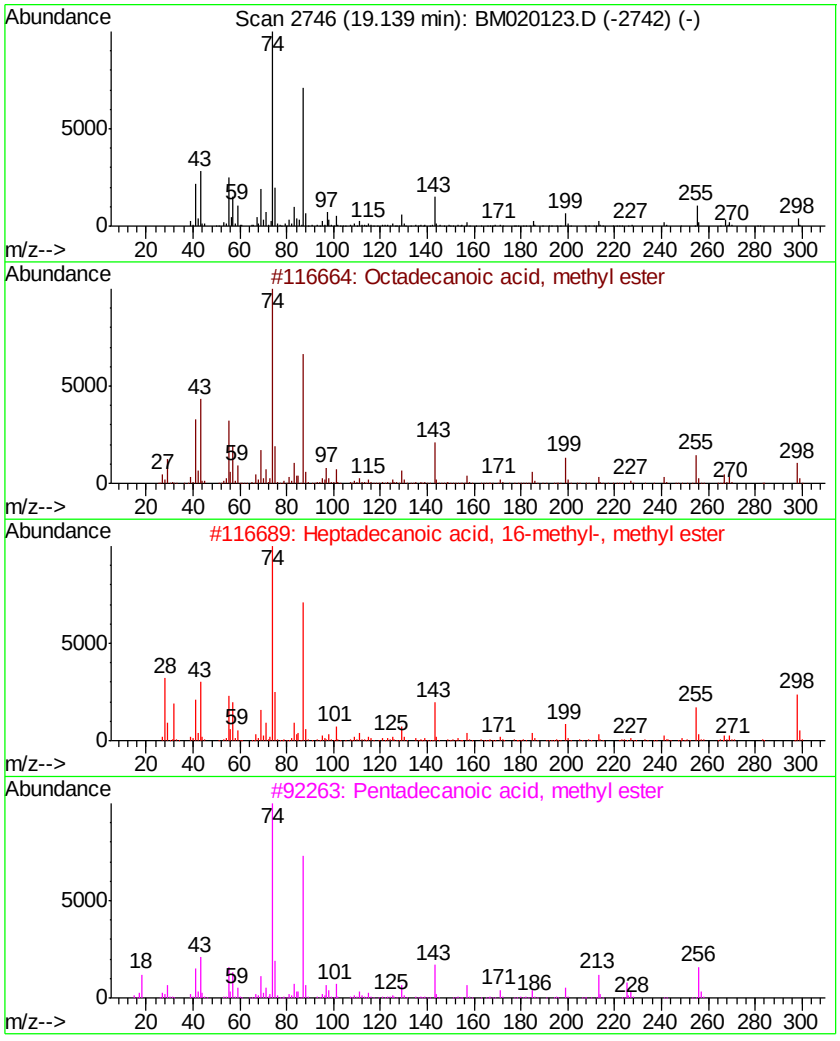
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

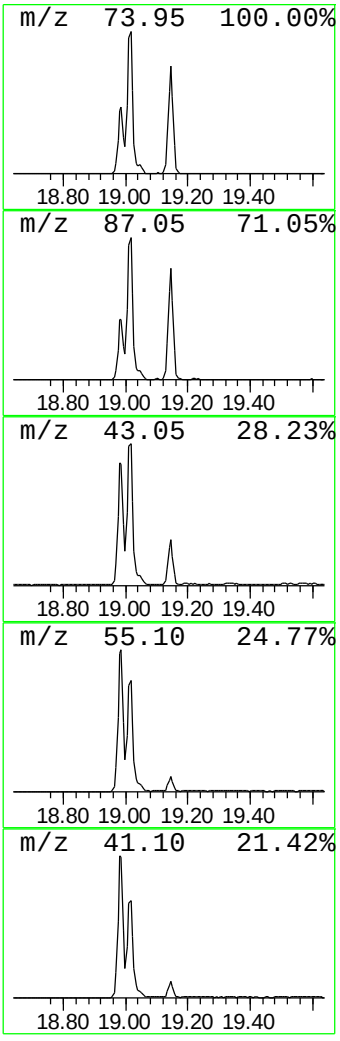
****

Peak Number 6 Octadecanoic acid, methyl e... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.14	10.22 ng	1190940	Phenanthrene-d10	17.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid, methyl ester	298	C19H38O2	000112-61-8	97
2	Heptadecanoic acid, 16-methyl-, ...	298	C19H38O2	005129-61-3	93
3	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	91
4	Methyl tetradecanoate	242	C15H30O2	000124-10-7	87
5	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	83





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown7.31	7.31	14.0	ng	755692	1	7.79	1082900	20.0
Methyl tetradecan...	17.83	15.3	ng	1779620	4	17.17	2331720	20.0
9,12-Octadecadien...	18.99	104.1	ng	12131800	4	17.17	2331720	20.0
9-Octadecenoic ac...	19.02	70.1	ng	8169610	4	17.17	2331720	20.0
Octadecanoic acid...	19.14	10.2	ng	1190940	4	17.17	2331720	20.0