LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010722\
Data File : BM033673.D
Acq On : 07 Jan 2022 17:44
Operator : CG/JU
Sample : N1071-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
FM-E6-01-4.5

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-BM010522.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM033673.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.519	380	388	400	rBV	3189809	4698394	40.48%	8.496%
2	7.131	654	662	672	rBV	3036338	4922374	42.41%	8.901%
3	7.978	799	806	813	rVB	733641	1140015	9.82%	2.062%
4	9.142	993	1004	1014	rBV	1979826	3294291	28.39%	5.957%
5	10.572	1240	1247	1258	rBV	712335	1111901	9.58%	2.011%
6	10.795	1276	1285	1293	rBV	958869	1590205	13.70%	2.876%
7	13.248	1695	1702	1710	rBV	4927628	7271371	62.66%	13.149%
8	13.525	1743	1749	1755	rBV	163990	246918	2.13%	0.447%
9	14.613	1927	1934	1943	rBV	1419490	2157173	18.59%	3.901%
10	16.095	2180	2186	2200	rVB	4371627	6114494	52.69%	11.057%
11	17.354	2393	2400	2410	rVB	1854878	2674789	23.05%	4.837%
12	18.030	2511	2515	2523	rVB	139142	171653	1.48%	0.310%
13	18.248	2547	2552	2561	rBV	376607	574404	4.95%	1.039%
14	19.195	2709	2713	2717	rVB	355994	371202	3.20%	0.671%
15	19.330	2732	2736	2739	rBV	106234	120913	1.04%	0.219%
16	19.518	2764	2768	2780	rBV	192898	289499	2.49%	0.524%
17	19.965	2838	2844	2850	rBV	9492097	11605330	100.00%	20.986%
18	20.653	2957	2961	2966	rBV	161927	203203	1.75%	0.367%
19	21.224	3055	3058	3077	rVB	524298	811403	6.99%	1.467%
20	21.512	3102	3107	3119	rVB	2331627	3118518	26.87%	5.639%
21	23.941	3513	3520	3530	rVB2	1367252	2812066	24.23%	5.085%

Sum of corrected areas: 55300116

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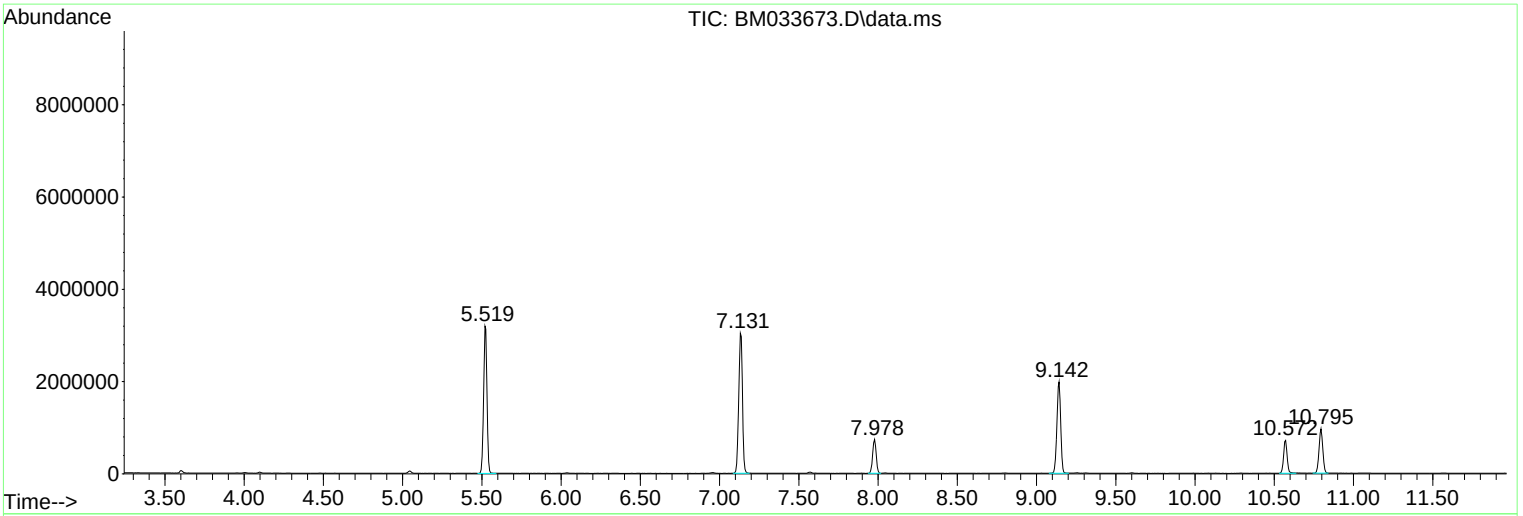
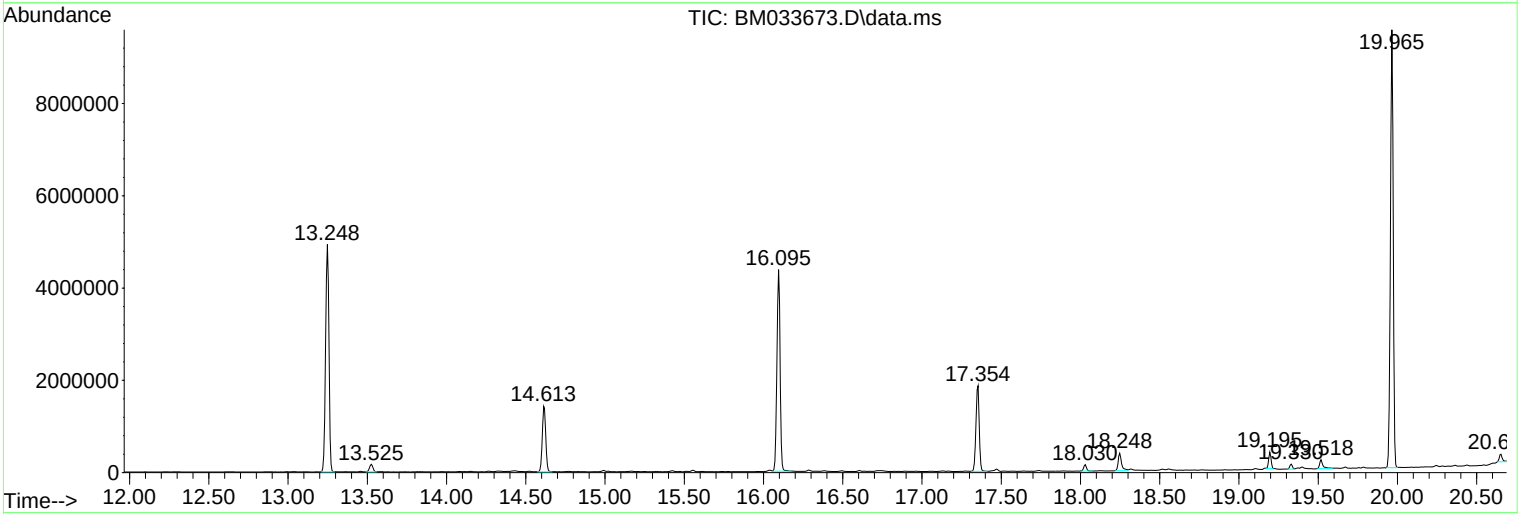
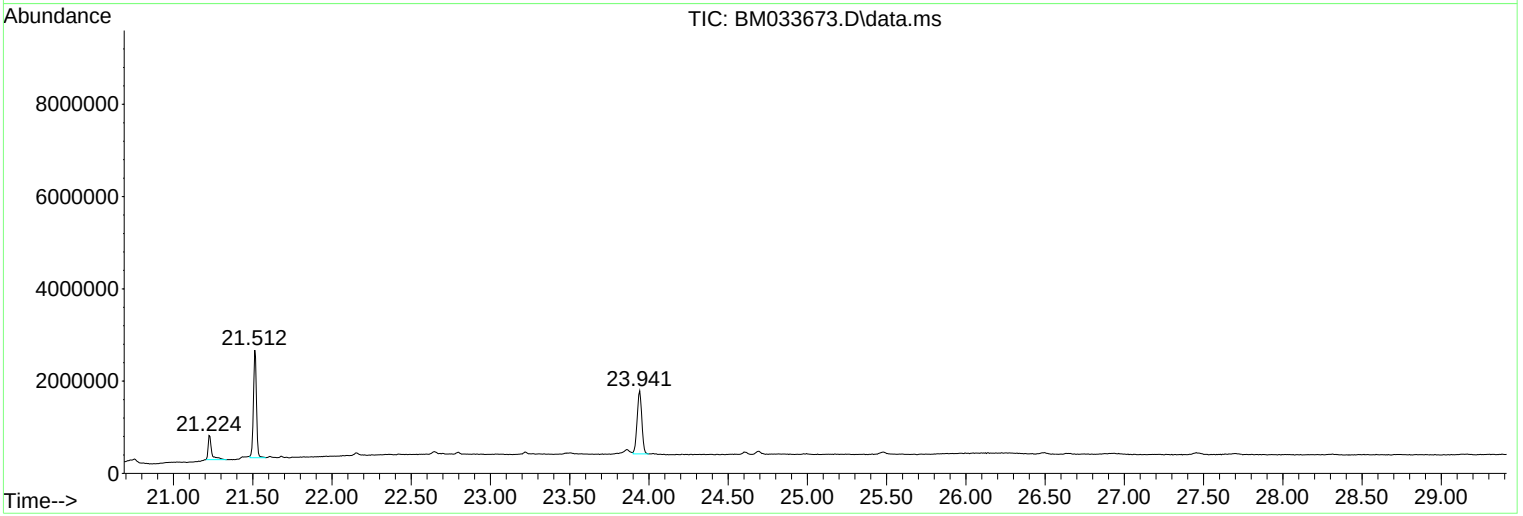
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM010522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P







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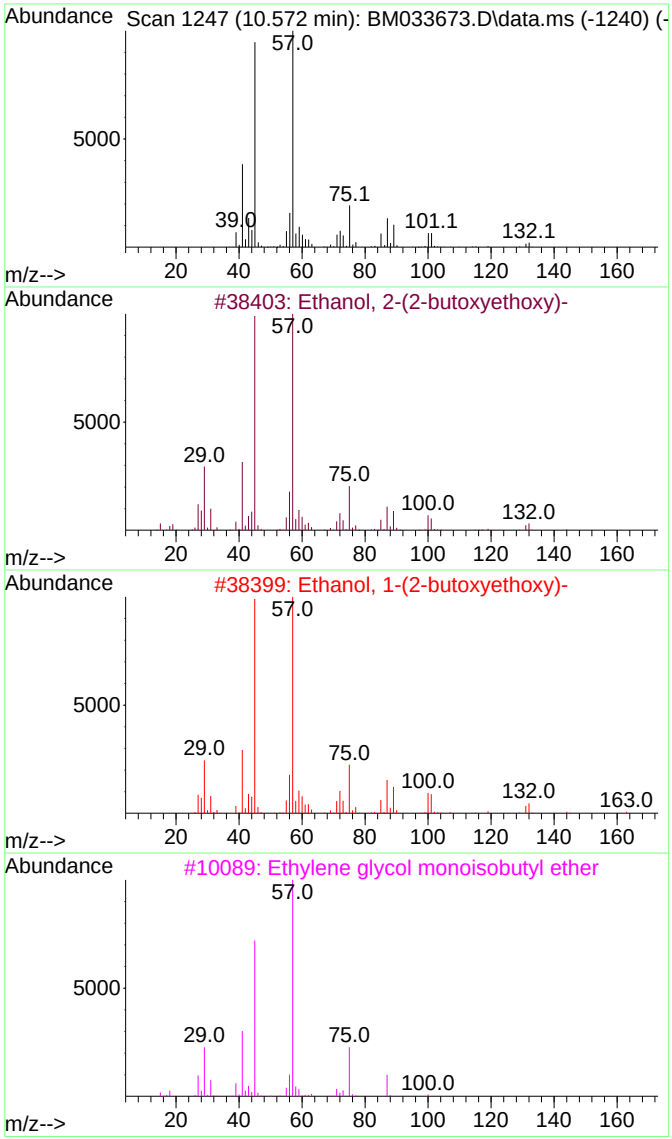
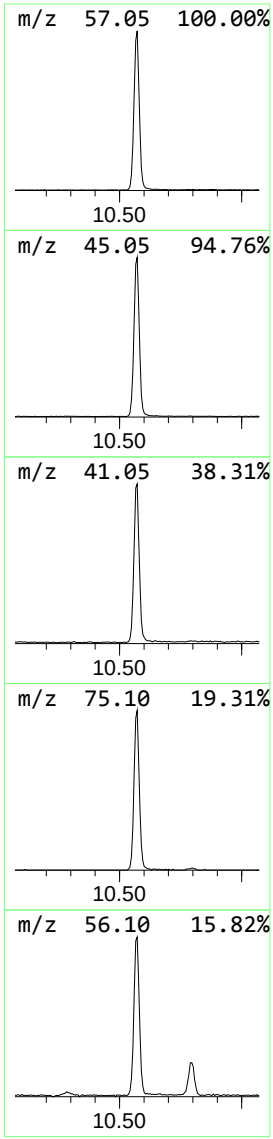
****

Peak Number 1 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.572	13.98 ng	1111900	Naphthalene-d8	10.795

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	90
2	Ethanol, 1-(2-butoxyethoxy)-	162	C8H18O3	054446-78-5	90
3	Ethylene glycol monoisobutyl ether	118	C6H14O2	004439-24-1	64
4	Ethanol, 2-[2-(2-methylpropoxy)e...	162	C8H18O3	018912-80-6	56
5	Methoxyacetic acid, 2-butyl ester	146	C7H14O3	070159-90-9	50





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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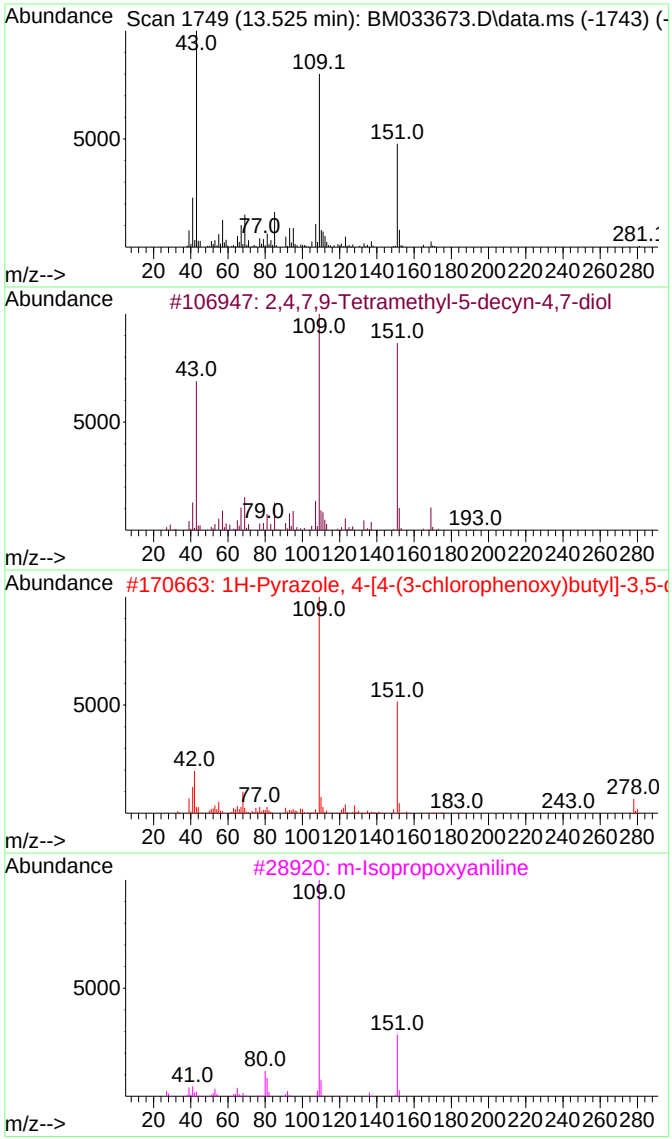
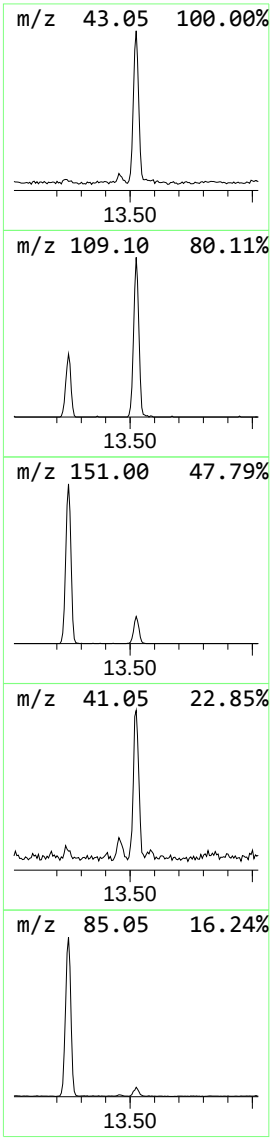
****
Peak Number 2 2,4,7,9-Tetramethyl-5-decyn... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.525	2.29 ng	246918	Acenaphthene-d10	14.613

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,7,9-Tetramethyl-5-decyn-4,7-...	226	C14H26O2	000126-86-3	83
2	1H-Pyrazole, 4-[4-(3-chloropheno...	278	C15H19ClN2O	1010302-33-9	64
3	m-Isopropoxyaniline	151	C9H13NO	041406-00-2	59
4	Butanamide, N-acetyl-N-(4-hydrox...	221	C12H15NO3	1000107-08-7	59
5	Metacetamol	151	C8H9NO2	000621-42-1	59





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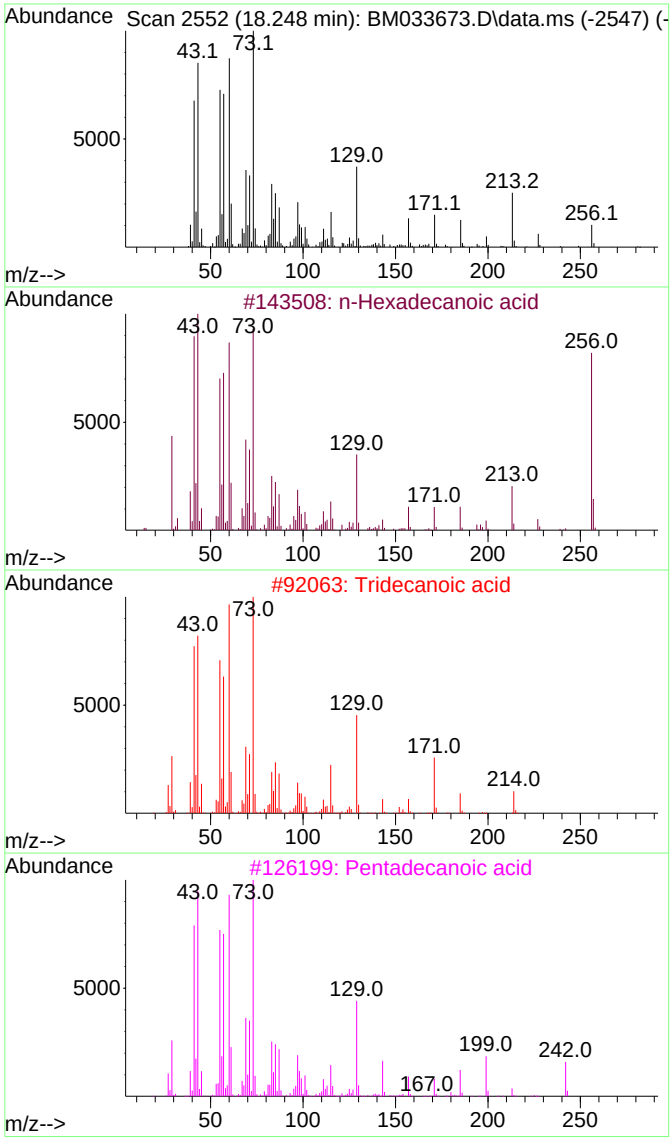
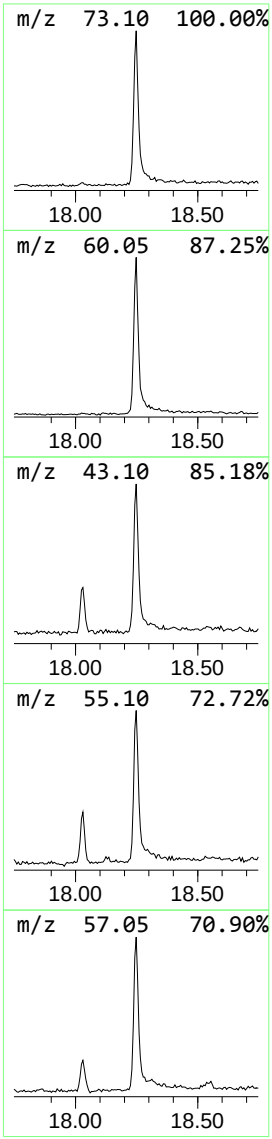
****

Peak Number 3 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.248	4.29 ng	574404	Phenanthrene-d10	17.354

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	93
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	70
5	Dodecanoic acid	200	C12H24O2	000143-07-7	64





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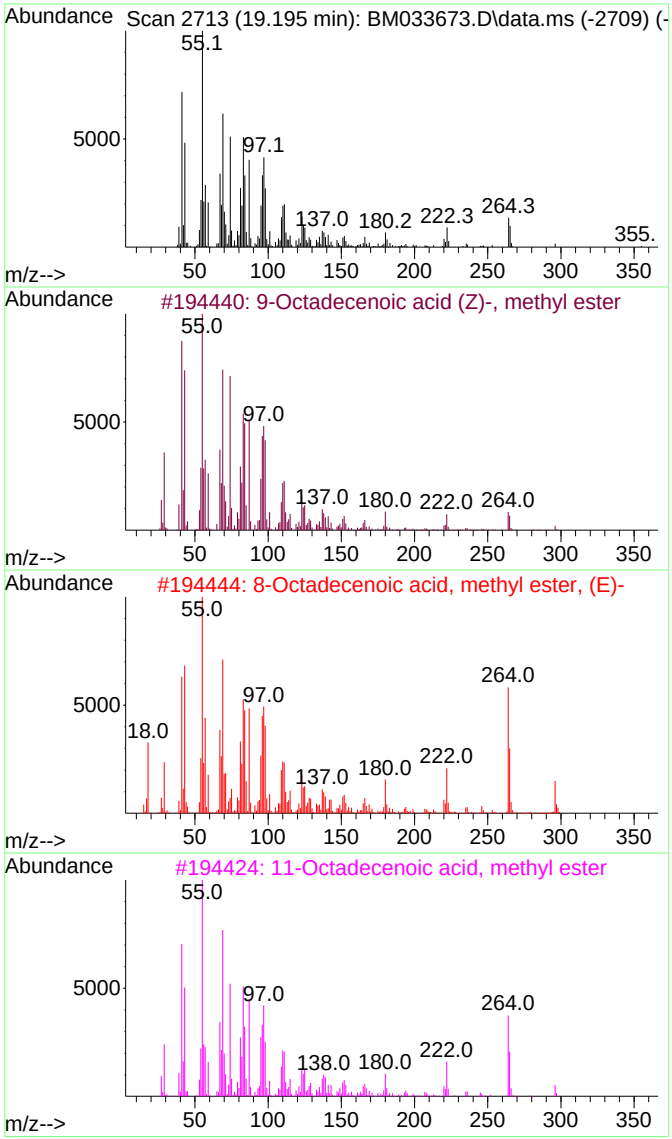
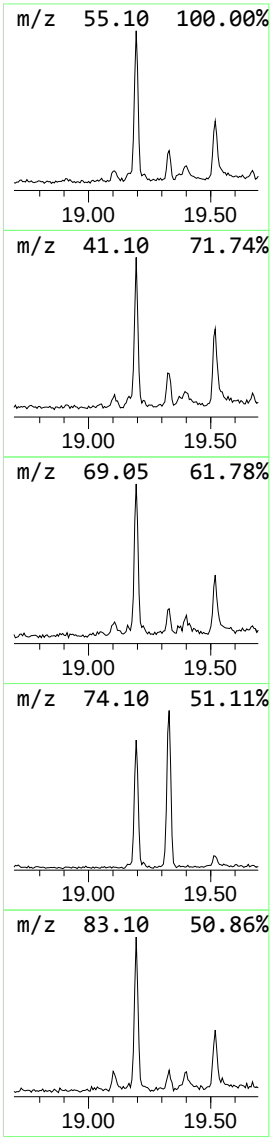
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 9-Octadecenoic acid (Z)-, m... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.195	2.78 ng	371202	Phenanthrene-d10	17.354

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	99
2	8-Octadecenoic acid, methyl este...	296	C19H36O2	026528-50-7	99
3	11-Octadecenoic acid, methyl ester	296	C19H36O2	052380-33-3	99
4	trans-13-Octadecenoic acid, meth...	296	C19H36O2	1000333-61-3	99
5	12-Octadecenoic acid, methyl ester	296	C19H36O2	056554-46-2	99





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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM010522.M
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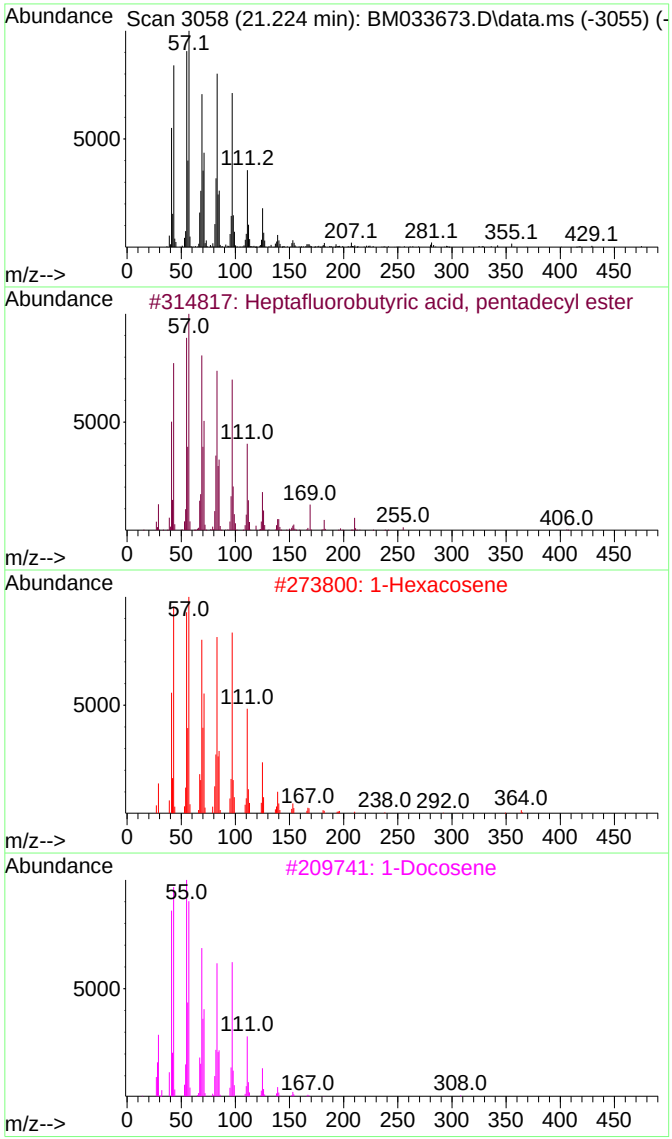
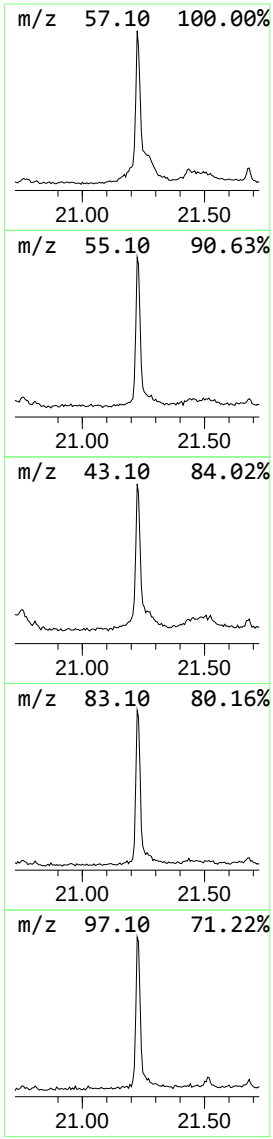
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Heptafluorobutyric acid, pe... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.224	5.20 ng	811403	Chrysene-d12	21.512

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	94
2	1-Hexacosene	364	C26H52	018835-33-1	94
3	1-Docosene	308	C22H44	001599-67-3	94
4	1-Tetracosene	336	C24H48	010192-32-2	94
5	Heptadecyl trifluoroacetate	352	C19H35F3O2	1010351-87-0	94





Tentatively Identified Compound (LSC) summary

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					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Ethanol, 2-(2-b...	10.572	14.0	ng	1111900	2	10.795	1590210	20.0
2,4,7,9-Tetrame...	13.525	2.3	ng	246918	3	14.613	2157170	20.0
n-Hexadecanoic ...	18.248	4.3	ng	574404	4	17.354	2674790	20.0
9-Octadecenoic ...	19.195	2.8	ng	371202	4	17.354	2674790	20.0
Heptafluorobuty...	21.224	5.2	ng	811403	5	21.512	3118520	20.0