

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030519\
 Data File : BM019050.D
 Acq On : 05 Mar 2019 23:22
 Operator : JU/SJ
 Sample : K1714-17
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SB-D-2-5

Integration Parameters: rteint.p
 Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0
 Filtering: 5
 Min Area: 3 % of largest Peak
 Max Peaks: 100
 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-BM021119.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	5.275	365	372	393	rBV	4806642	6974707	50.05%	8.628%
2	6.857	633	641	661	rBV	4657470	7491605	53.76%	9.268%
3	7.210	693	701	719	rBV	5007987	7811987	56.06%	9.664%
4	7.675	773	780	787	rBV	938219	1483840	10.65%	1.836%
5	7.992	826	834	843	rBV	3552077	5626151	40.38%	6.960%
6	8.845	971	979	994	rBV	2530951	4379702	31.43%	5.418%
7	10.463	1246	1254	1266	rBV	1092494	1927189	13.83%	2.384%
8	12.939	1668	1675	1690	rBV	6664993	9630642	69.11%	11.914%
9	13.792	1812	1820	1835	rBV	322833	510549	3.66%	0.632%
10	14.327	1903	1911	1931	rVB2	1604923	2491811	17.88%	3.083%
11	15.827	2159	2166	2186	rBV	5453548	7971589	57.21%	9.861%
12	17.080	2373	2379	2390	rBV2	1973304	2936291	21.07%	3.632%
13	17.968	2525	2530	2542	rBV	227830	374335	2.69%	0.463%
14	19.715	2821	2827	2837	rBV	11069826	13934357	100.00%	17.238%
15	20.980	3038	3042	3052	rBV	294895	408310	2.93%	0.505%
16	21.280	3087	3093	3106	rBV	2425240	3294050	23.64%	4.075%
17	21.844	3186	3189	3193	rBV	145336	189965	1.36%	0.235%
18	22.309	3265	3268	3273	rVB2	167491	207761	1.49%	0.257%
19	22.809	3350	3353	3359	rVB	166623	214814	1.54%	0.266%
20	23.374	3446	3449	3459	rVB2	163567	270513	1.94%	0.335%
21	23.521	3468	3474	3484	rVB	1397513	2705446	19.42%	3.347%

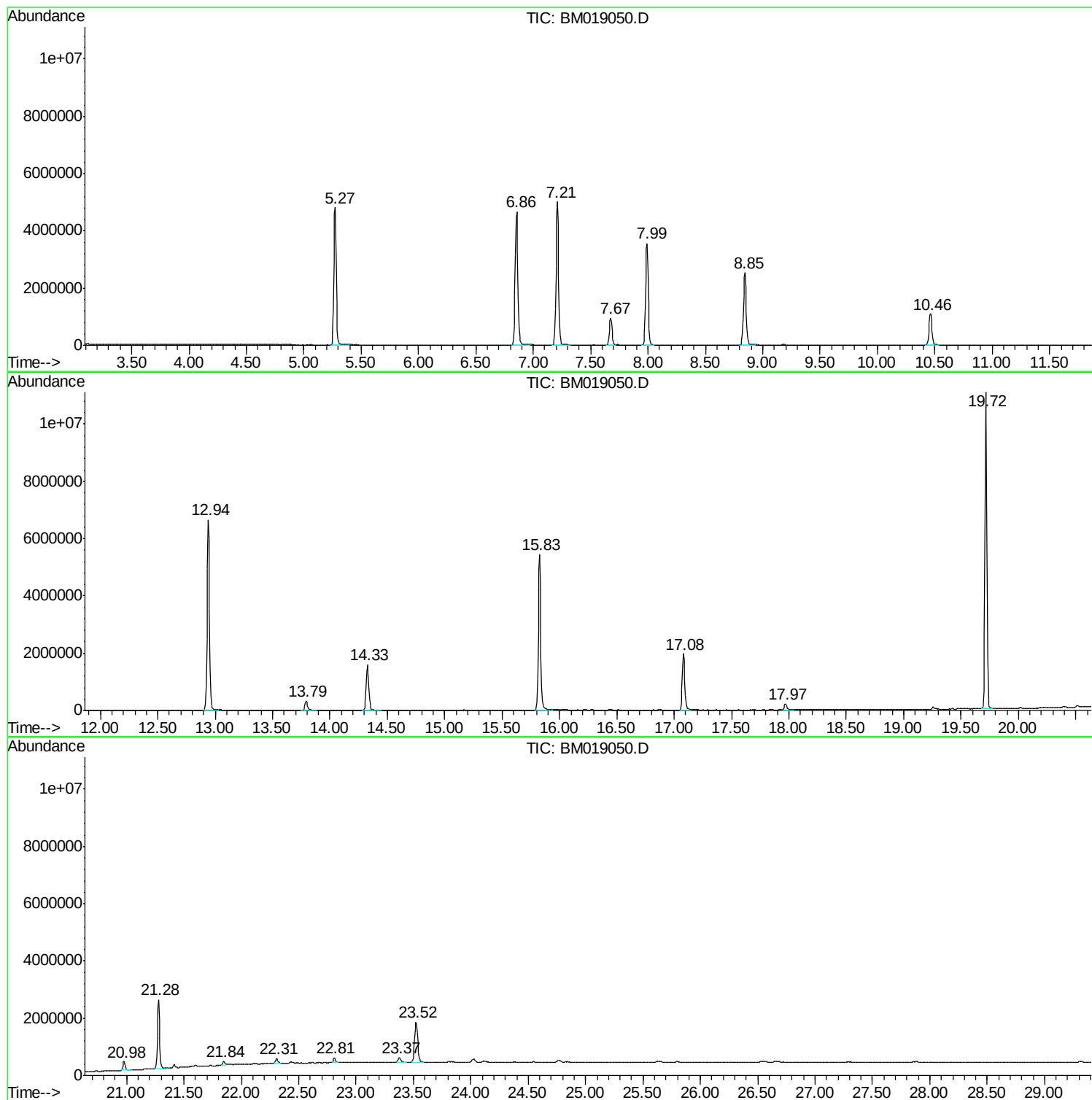
Sum of corrected areas: 80835614

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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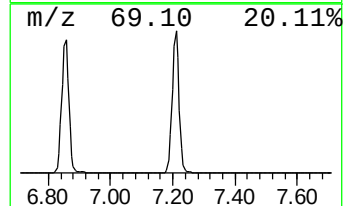
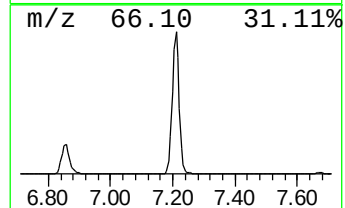
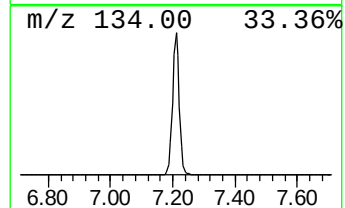
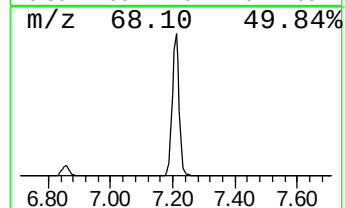
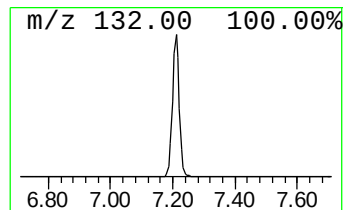
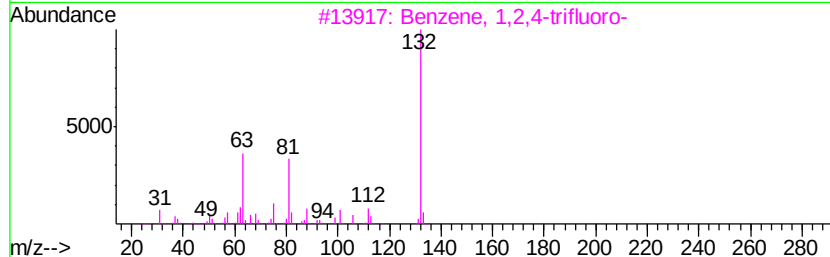
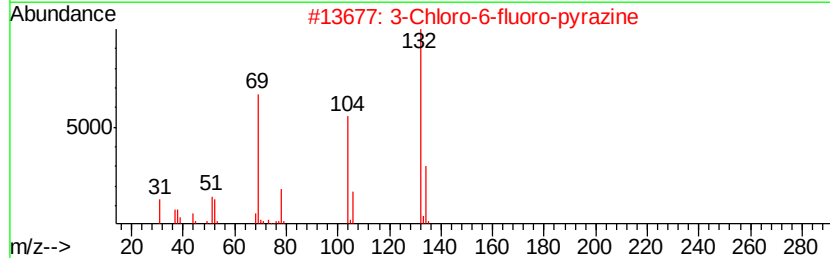
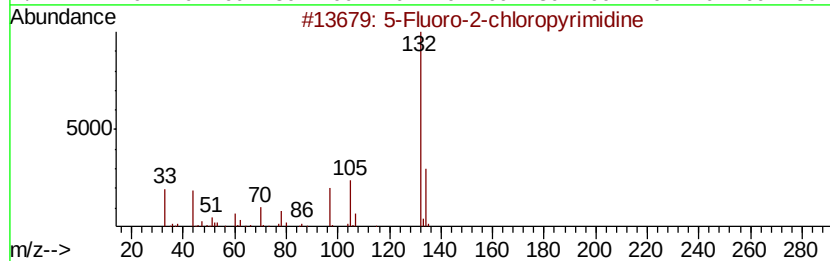
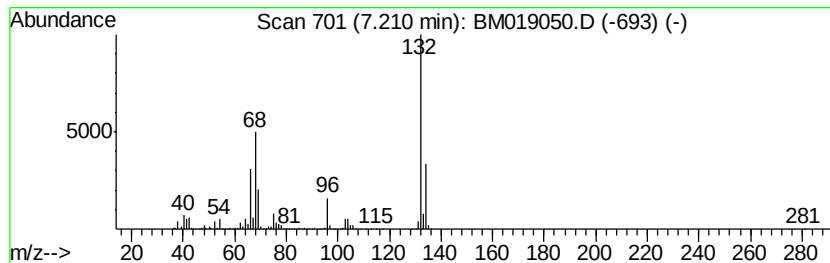
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM021119.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 unknown7.21 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.21	105.29 ng	7811990	1,4-Dichlorobenzene-d4	7.67

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
2		3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
3		Benzene, 1,2,4-trifluoro-	132	C6H3F3	000367-23-7	9
4		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5		Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9



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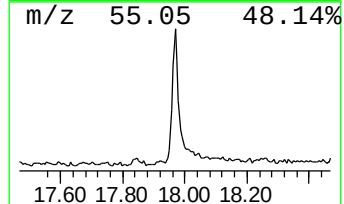
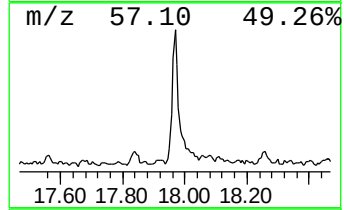
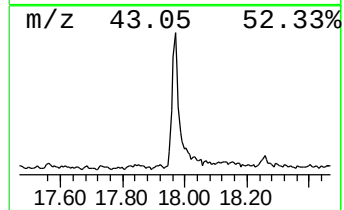
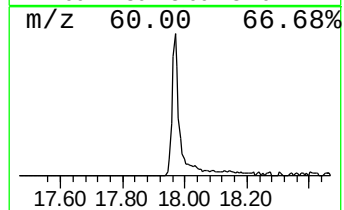
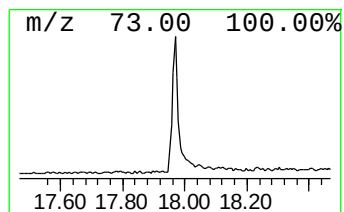
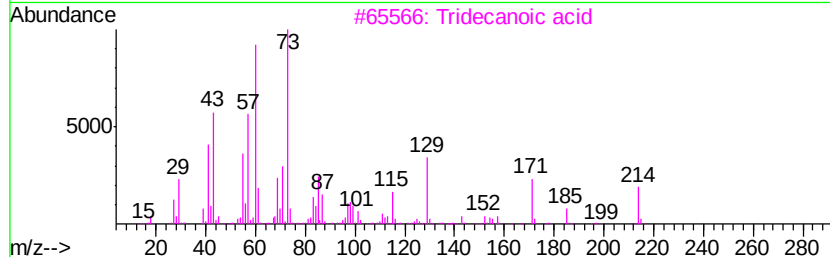
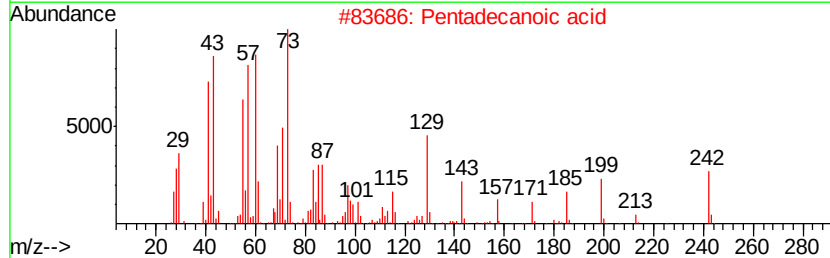
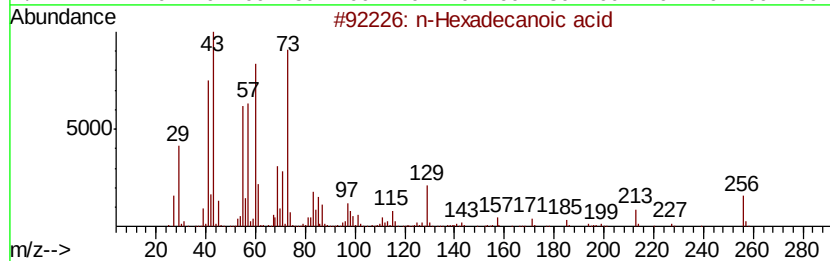
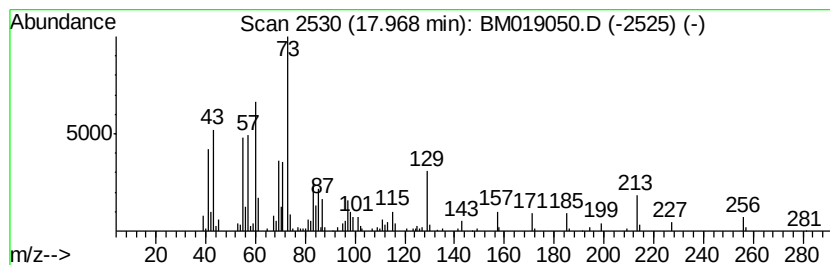
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Peak Number 3 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD		R.T.
17.97	2.55 ng	374335	Phenanthrene-d10		17.08
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	83
3	Tridecanoic acid	214	C13H26O2	000638-53-9	72
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	64
5	Dodecanoic acid	200	C12H24O2	000143-07-7	42



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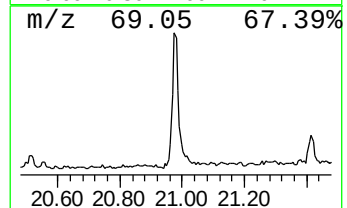
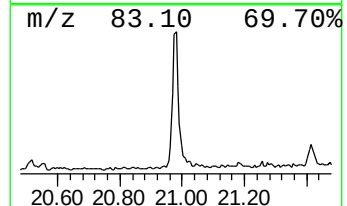
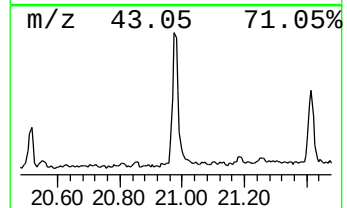
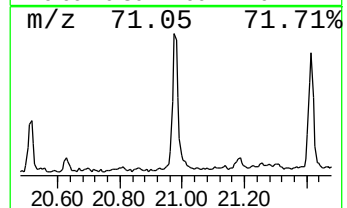
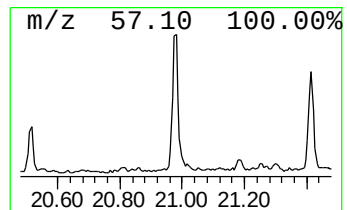
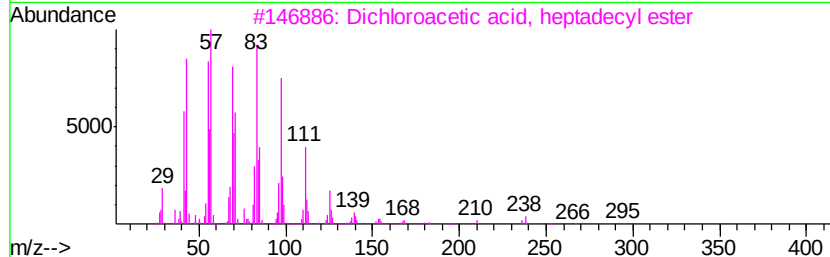
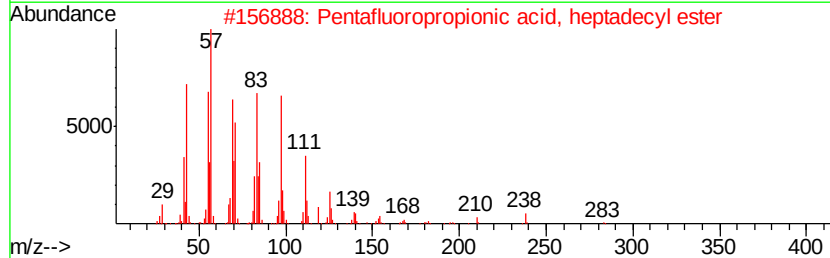
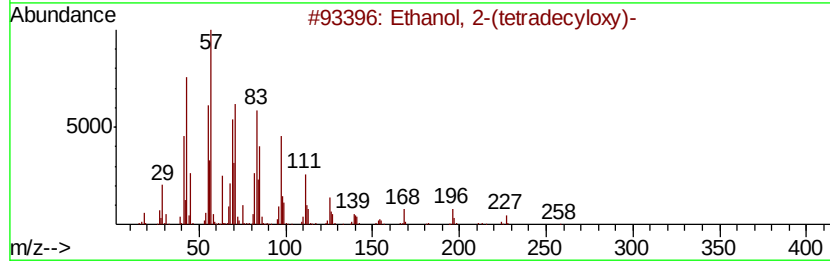
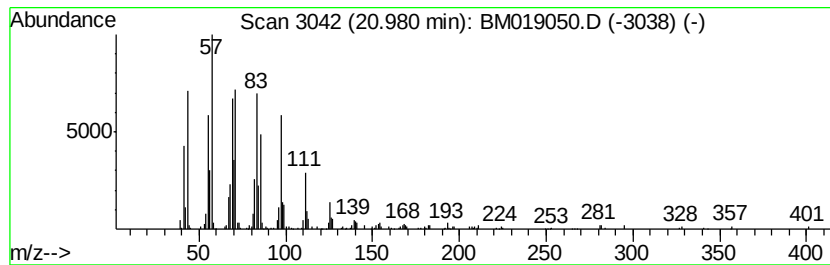
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Peak Number 4 Ethanol, 2-(tetradecyloxy)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.98	2.48 ng	408310	Chrysene-d12	21.28
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Ethanol, 2-(tetradecyloxy)-	258 C16H34O2	002136-70-1 94
2		Pentafluoropropionic acid, hepta...	402 C20H35F5O2	1000283-04-2 87
3		Dichloroacetic acid, heptadecyl ...	366 C19H36Cl2O2	1000282-98-2 81
4		Heptafluorobutanoic acid, heptad...	452 C21H35F7O2	1000282-97-3 76
5		1-Tricosene	322 C23H46	018835-32-0 76



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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
unknown7.21	7.21	105.3	ng	7811990	1	7.67	1483840	20.0
n-Hexadecanoic acid	17.97	2.5	ng	374335	4	17.08	2936290	20.0
Ethanol, 2-(tetra...	20.98	2.5	ng	408310	5	21.28	3294050	20.0