

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061920\
 Data File : BG045813.D
 Acq On : 19 Jun 2020 13:25
 Operator : CG/JU
 Sample : L3033-09
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LF017MW005-200616

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_G\METHODS\8270-BG061520.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	4.533	239	246	258	rVB	81453	159172	4.33%	1.105%
2	5.526	408	415	429	rBV	213953	397775	10.81%	2.762%
3	7.147	683	691	704	rBV	148048	294712	8.01%	2.047%
4	7.917	813	822	833	rBV	169378	323190	8.78%	2.244%
5	8.240	868	877	889	rBV	457882	838913	22.80%	5.826%
6	9.080	1013	1020	1030	rBV	416017	774429	21.05%	5.378%
7	10.725	1292	1300	1310	rBV	215665	419051	11.39%	2.910%
8	13.186	1707	1719	1731	rBV	1288849	2115802	57.50%	14.693%
9	14.020	1854	1861	1868	rBV	140770	218977	5.95%	1.521%
10	14.566	1946	1954	1961	rBV	380734	601828	16.35%	4.179%
11	16.064	2202	2209	2225	rBV	1224149	1915517	52.06%	13.302%
12	17.316	2416	2422	2432	rBV	463891	734362	19.96%	5.100%
13	18.220	2571	2576	2583	rBV2	64872	101847	2.77%	0.707%
14	19.936	2861	2868	2878	rBV	2727356	3679782	100.00%	25.553%
15	21.234	3085	3089	3100	rBV2	92201	188569	5.12%	1.309%
16	21.569	3141	3146	3154	rBV2	472603	806247	21.91%	5.599%
17	24.694	3669	3678	3689	rBV2	288856	830214	22.56%	5.765%

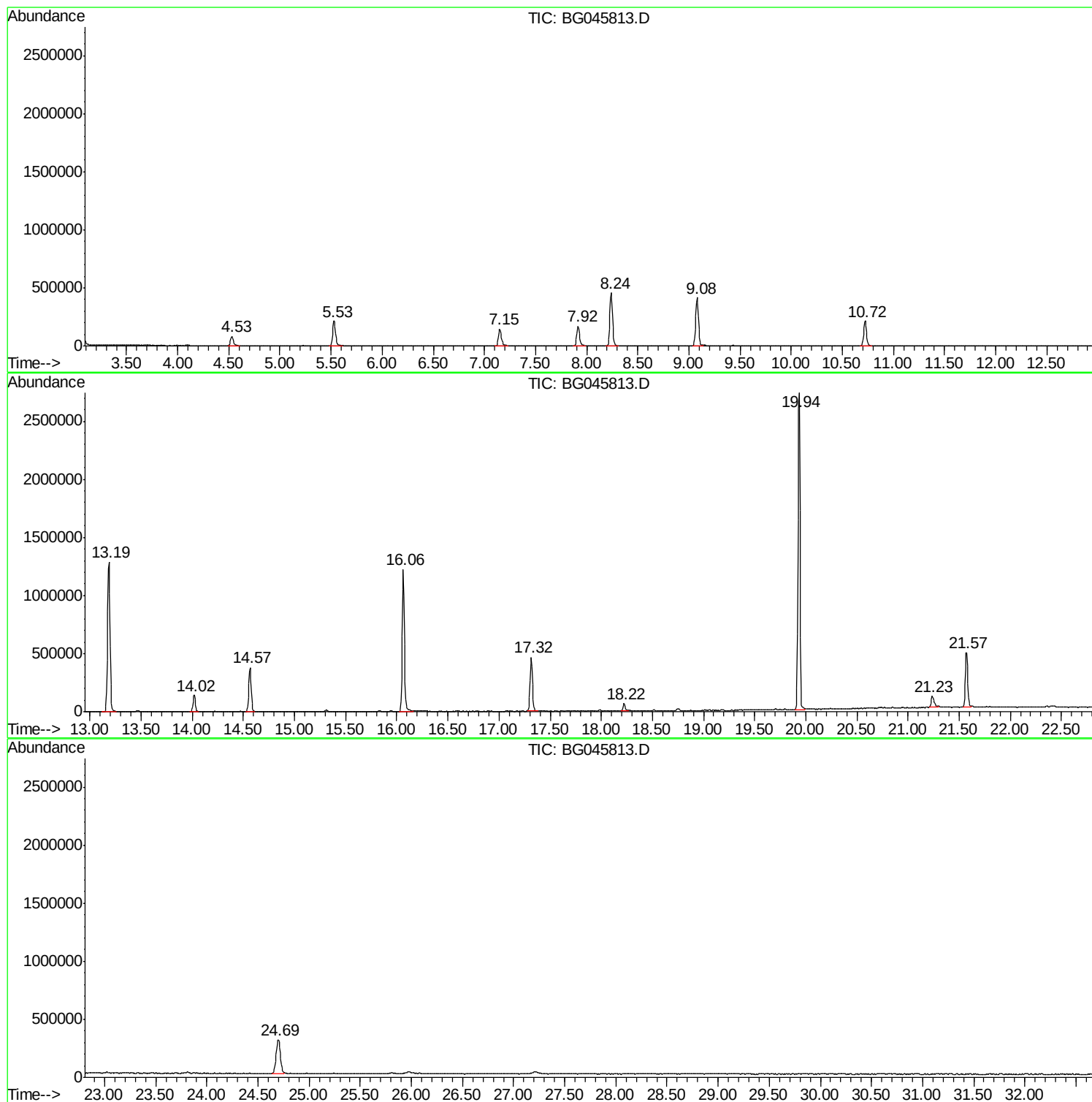
Sum of corrected areas: 14400387

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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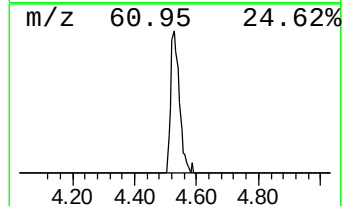
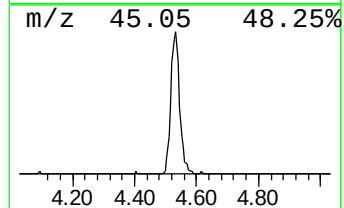
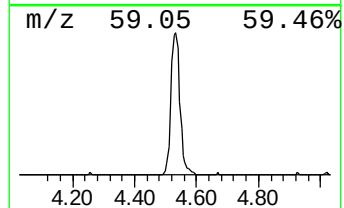
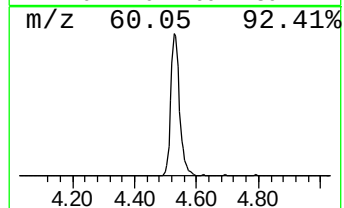
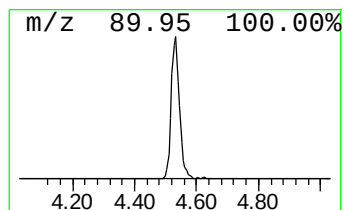
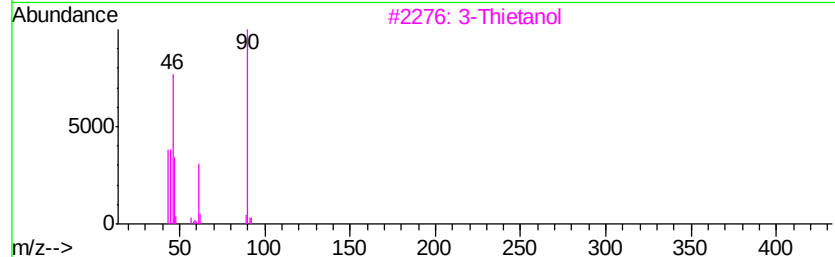
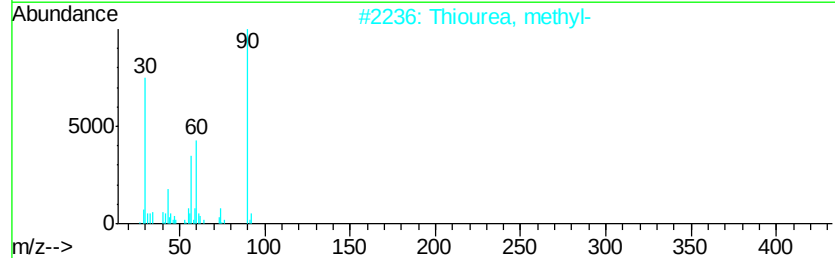
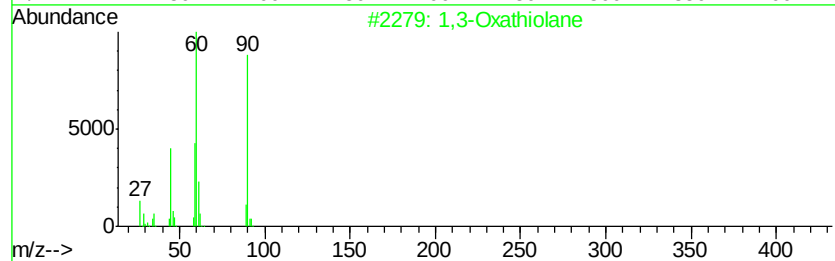
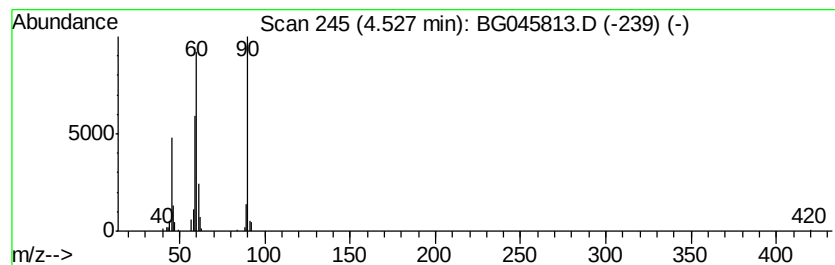
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061520.M
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 1,3-Oxathiolane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.53	9.85 ng	159172	1,4-Dichlorobenzene-d4	7.92

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,3-Oxathiolane	90	C3H6OS	002094-97-5	87
2			Thiourea, methyl-	90	C2H6N2S	000598-52-7	64
3			3-Thietanol	90	C3H6OS	010304-16-2	42
4			Hydrazine, 1,1-dimethyl-	60	C2H8N2	000057-14-7	9
5			Trisilane	92	H8Si3	007783-26-8	9



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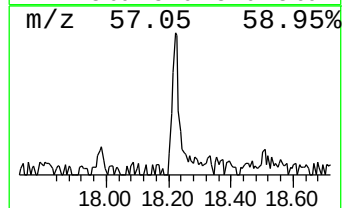
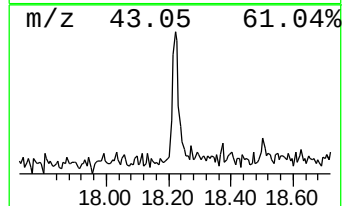
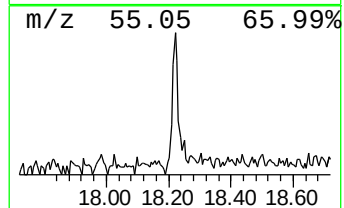
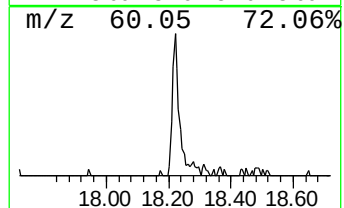
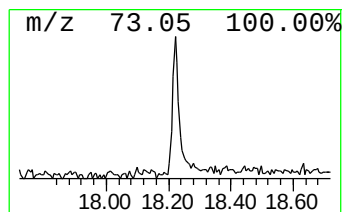
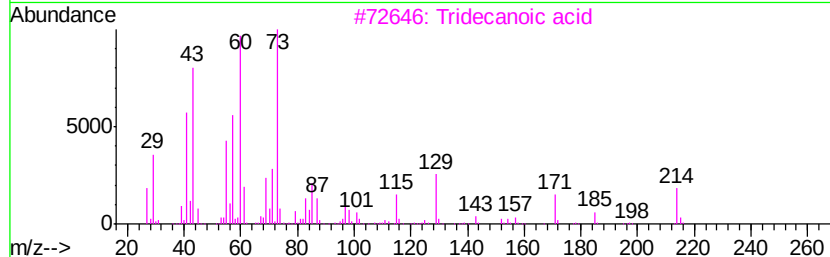
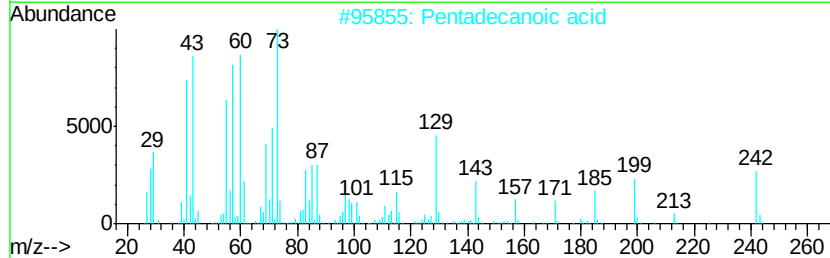
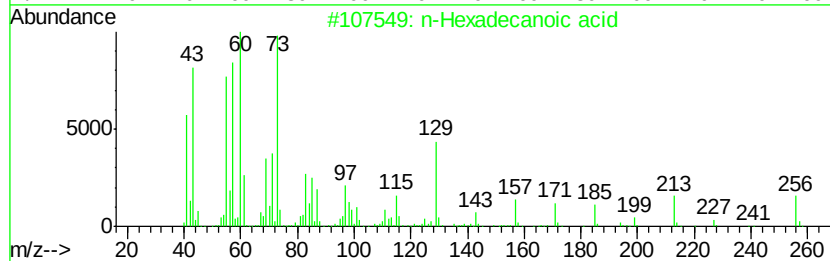
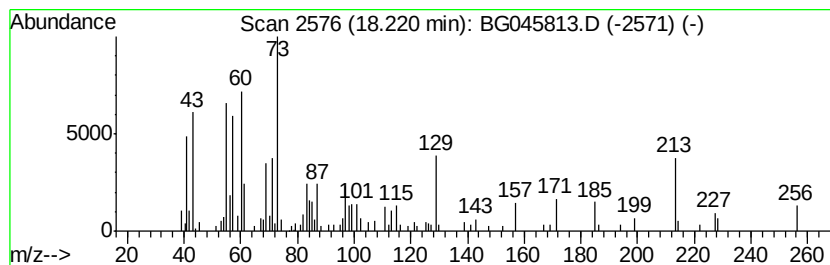
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Peak Number 3 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD		R.T.
18.22	2.77 ng	101847	Phenanthrene-d10		17.32
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	92
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	76
3	Tridecanoic acid	214	C13H26O2	000638-53-9	50
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	43
5	Undecanoic acid	186	C11H22O2	000112-37-8	38



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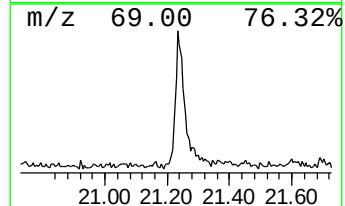
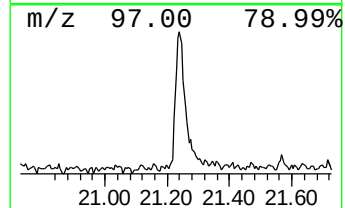
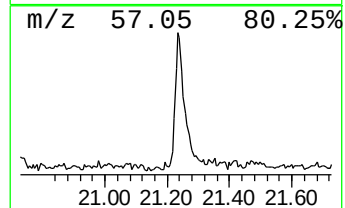
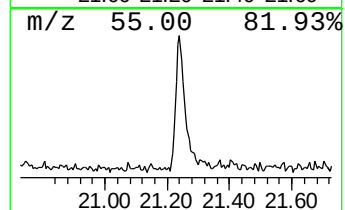
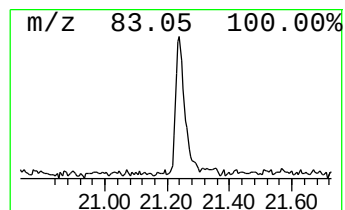
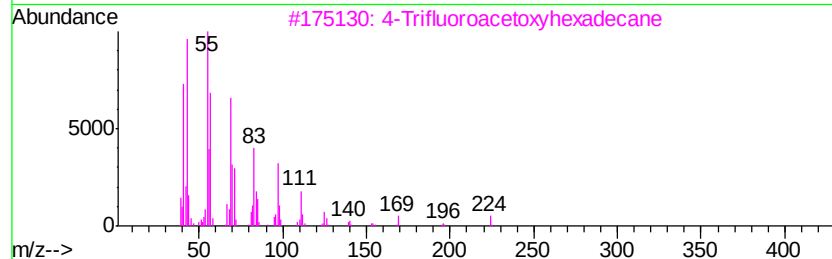
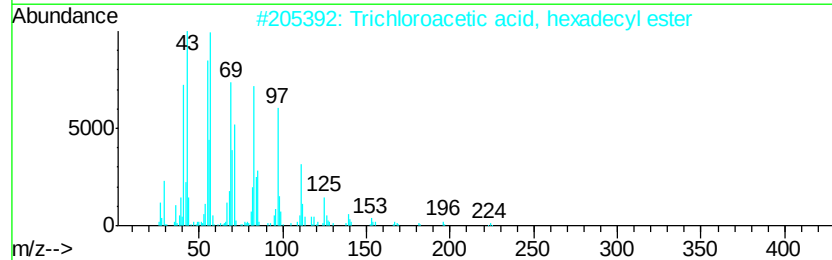
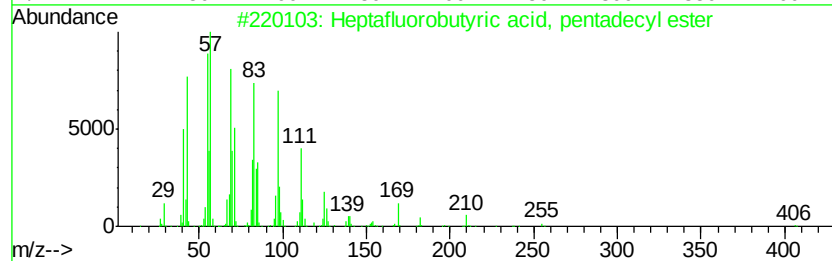
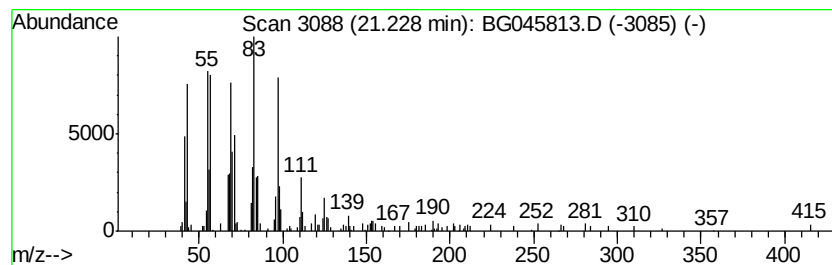
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 Peak Number 4 Heptafluorobutyric acid, pe... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.23	4.68 ng	188569	Chrysene-d12	21.57

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	93
2			Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
3			4-Trifluoroacetoxylhexadecane	338	C18H33F3O2	1000215-97-5	91
4			9-Eicosene, (E)-	280	C20H40	074685-29-3	91
5			n-Pentadecanol	228	C15H32O	000629-76-5	90



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
1,3-Oxathiolane	4.53	9.8	ng	159172	1	7.92	323190	20.0
n-Hexadecanoic acid	18.22	2.8	ng	101847	4	17.32	734362	20.0
Heptafluorobutyri...	21.23	4.7	ng	188569	5	21.57	806247	20.0