

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080618\
 Data File : BM016220.D
 Acq On : 07 Aug 2018 09:14
 Operator : SJ/JU
 Sample : J4332-07
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 080118-TIPC-F-U-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_M\METHODS\8270-BM072318.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	5.693	404	409	423	rBV	192817	317939	13.79%	3.092%
2	7.334	683	688	708	rBB	105993	191838	8.32%	1.866%
3	7.692	743	749	760	rBV	441336	722604	31.33%	7.027%
4	8.169	824	830	840	rBV	149068	239118	10.37%	2.325%
5	8.486	878	884	898	rBB	673295	1093658	47.42%	10.636%
6	9.351	1025	1031	1046	rBV	471188	815302	35.35%	7.929%
7	10.986	1303	1309	1325	rVB	165248	279035	12.10%	2.714%
8	13.421	1716	1723	1731	rBV	1180103	1662321	72.08%	16.166%
9	14.251	1860	1864	1872	rVB	27806	34563	1.50%	0.336%
10	14.798	1949	1957	1965	rBB2	222319	329930	14.31%	3.209%
11	16.286	2204	2210	2220	rBB	639827	880912	38.20%	8.567%
12	17.533	2417	2422	2428	rBV	270536	373124	16.18%	3.629%
13	18.374	2559	2565	2574	rBV	33898	47983	2.08%	0.467%
14	20.109	2855	2860	2865	rBV	2052881	2306253	100.00%	22.428%
15	21.344	3065	3070	3076	rBV7	30757	63837	2.77%	0.621%
16	21.656	3119	3123	3130	rBV	364465	472132	20.47%	4.592%
17	24.009	3517	3523	3532	rVB2	226717	452150	19.61%	4.397%

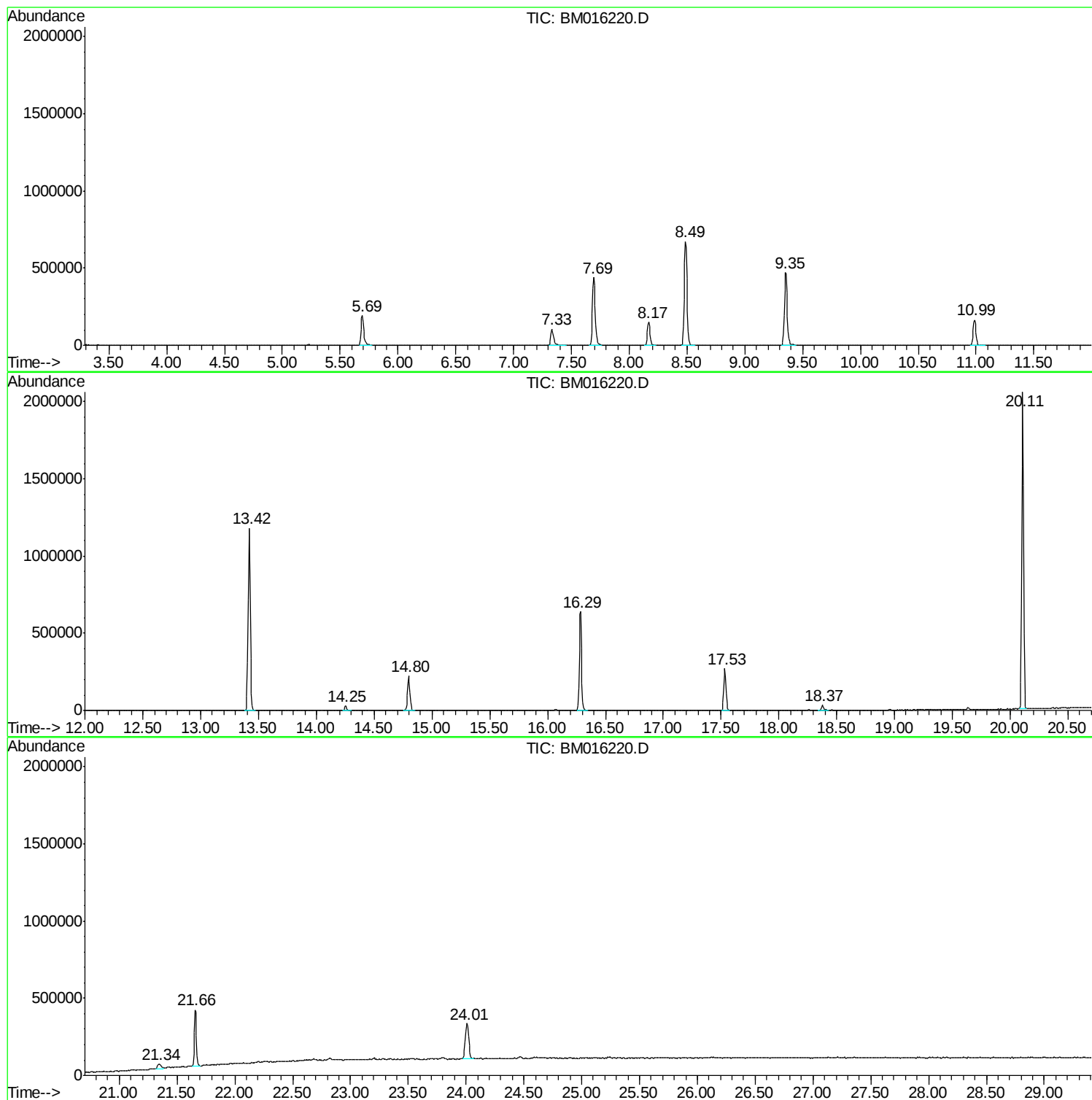
Sum of corrected areas: 10282699

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM072318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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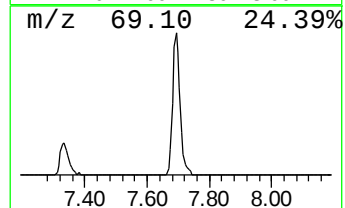
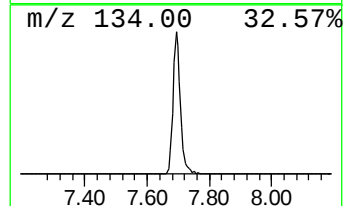
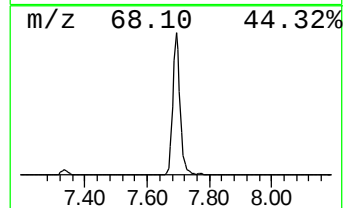
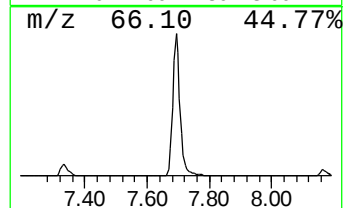
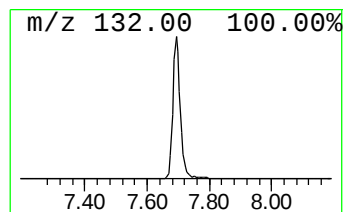
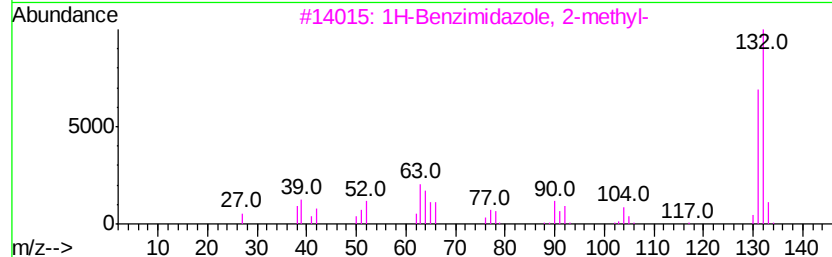
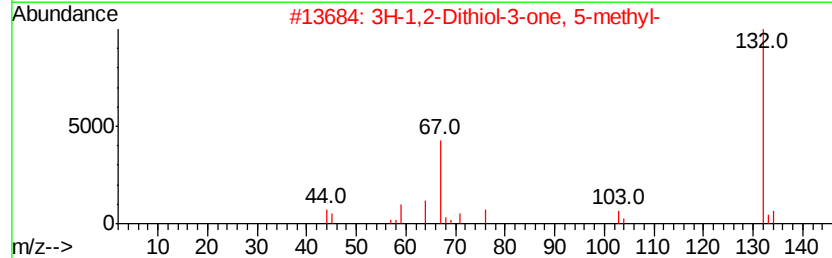
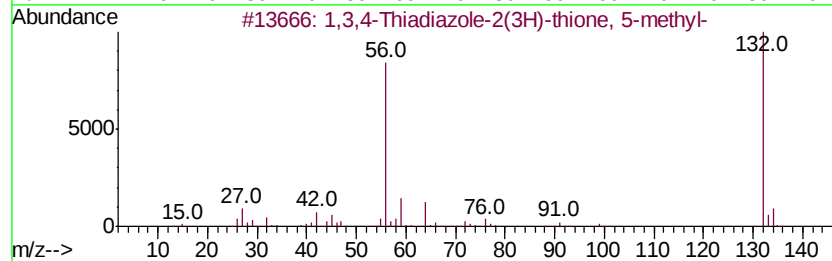
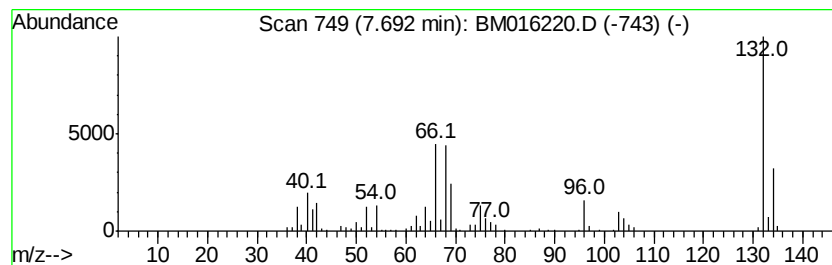
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 unknown7.69 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.69	60.44 ng	722604	1,4-Dichlorobenzene-d4	8.17

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,3,4-Thiadiazole-2(3H)-thione, ...	132	C3H4N2S2	029490-19-5	14
2			3H-1,2-Dithiol-3-one, 5-methyl-	132	C4H4OS2	003620-08-4	14
3			1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	14
4			1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	12
5			3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	10



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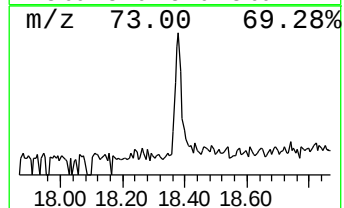
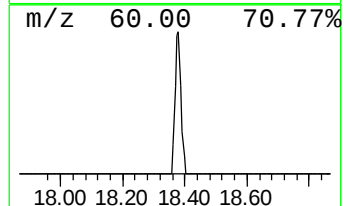
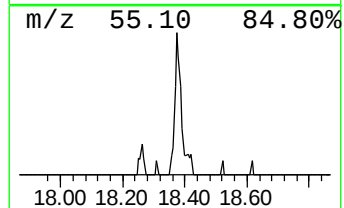
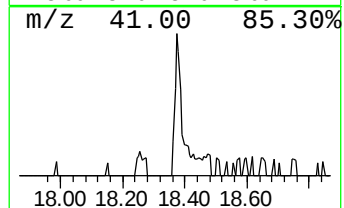
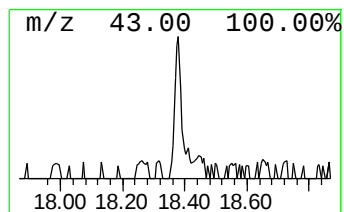
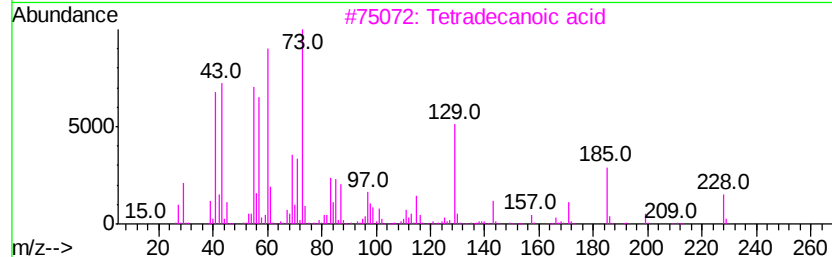
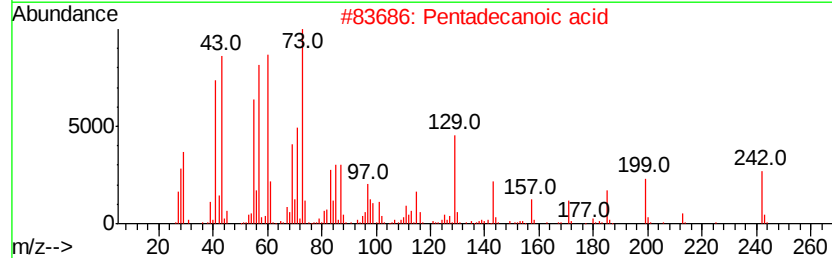
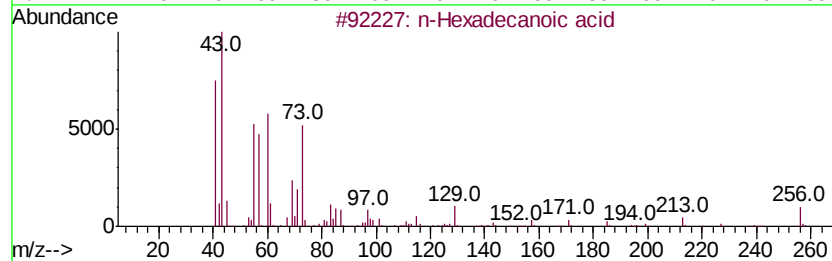
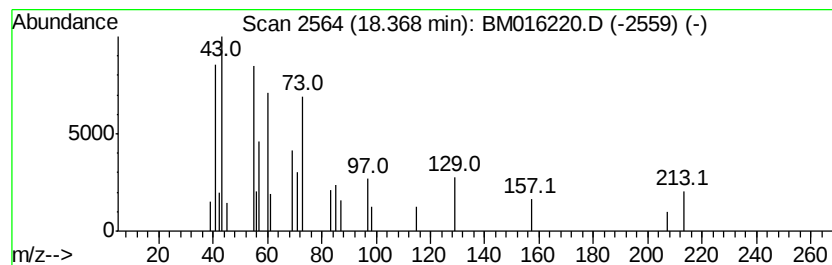
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Peak Number 3 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.37	2.57 ng	47983	Phenanthrene-d10	17.53

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91
2		Pentadecanoic acid	242	C15H30O2	001002-84-2	59
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	58
4		Tridecanoic acid	214	C13H26O2	000638-53-9	53
5		Undecanoic acid	186	C11H22O2	000112-37-8	47



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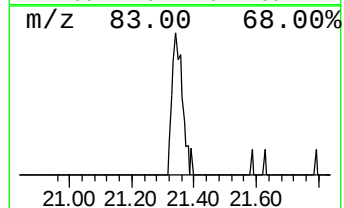
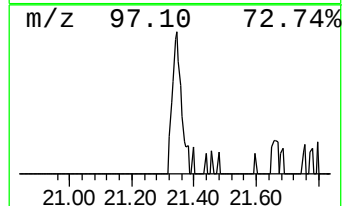
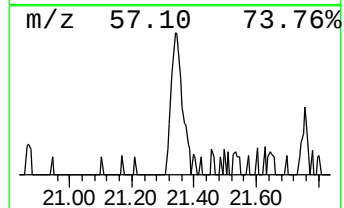
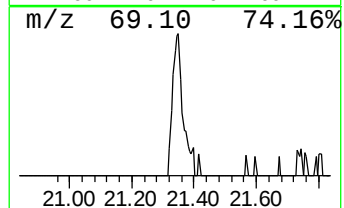
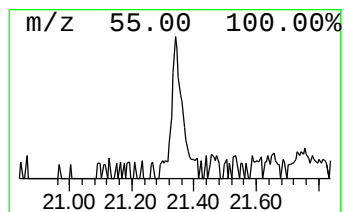
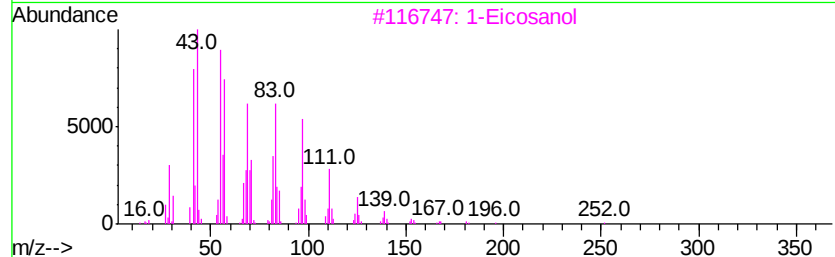
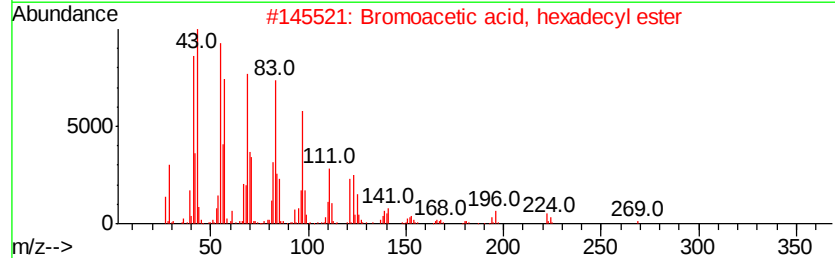
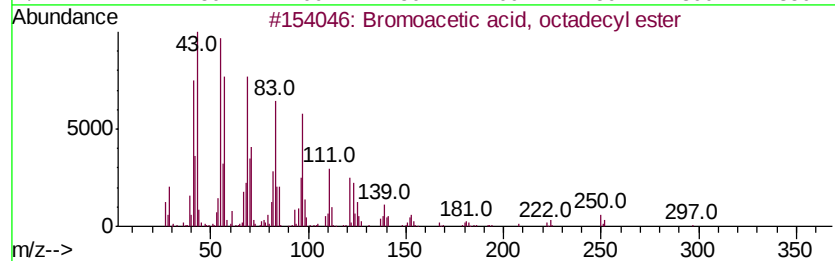
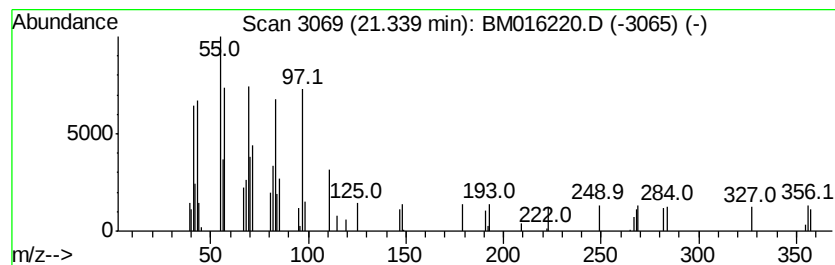
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Peak Number 4 Bromoacetic acid, octadecyl... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.34	2.70 ng	63837	Chrysene-d12	21.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	58
2		Bromoacetic acid, hexadecyl ester	362	C18H35BrO2	005454-48-8	53
3		1-Eicosanol	298	C20H42O	000629-96-9	49
4		Trifluoroacetic acid, n-heptadec...	324	C17H31F3O2	1000216-79-2	45
5		Heptafluorobutyric acid, n-tetra...	410	C18H29F7O2	007365-36-8	45



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
unknown7.69	7.69	60.4	ng	722604	1	8.17	239118	20.0
n-Hexadecanoic acid	18.37	2.6	ng	47983	4	17.53	373124	20.0
Bromoacetic acid,...	21.34	2.7	ng	63837	5	21.66	472132	20.0