

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062119\
 Data File : BG041377.D
 Acq On : 21 Jun 2019 14:03
 Operator : HP/JU
 Sample : K3382-05
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 GRAVEL-1

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-BG061719.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	5.604	422	428	438	rBV	380543	640292	31.68%	6.205%
2	7.226	696	704	720	rBV	402299	745981	36.91%	7.229%
3	7.596	759	767	783	rBV	408912	723160	35.78%	7.008%
4	8.066	841	847	857	rBV	107532	188438	9.32%	1.826%
5	8.389	895	902	917	rBV	310822	543436	26.89%	5.266%
6	9.247	1041	1048	1060	rBV	248777	462902	22.90%	4.486%
7	10.892	1321	1328	1341	rBV	127199	239151	11.83%	2.317%
8	13.325	1735	1742	1753	rBV	738798	1129422	55.88%	10.945%
9	14.153	1877	1883	1890	rBV2	27833	53582	2.65%	0.519%
10	14.705	1970	1977	1989	rBV2	236721	374588	18.53%	3.630%
11	16.198	2224	2231	2247	rBV	611397	984717	48.72%	9.542%
12	17.455	2439	2445	2457	rBV	340386	528129	26.13%	5.118%
13	18.307	2584	2590	2601	rBV	72755	123604	6.12%	1.198%
14	19.570	2800	2805	2815	rBV7	19446	40375	2.00%	0.391%
15	20.052	2881	2887	2892	rBV	1560656	2021174	100.00%	19.586%
16	21.321	3099	3103	3105	rBV5	15428	23713	1.17%	0.230%
17	21.380	3106	3113	3121	rVV8	38727	134247	6.64%	1.301%
18	21.727	3165	3172	3179	rBV2	359470	619854	30.67%	6.007%
19	22.479	3296	3300	3309	rVB4	23501	37999	1.88%	0.368%
20	23.178	3414	3419	3426	rVB3	27615	51124	2.53%	0.495%
21	23.989	3552	3557	3569	rVB4	32131	82757	4.09%	0.802%
22	25.040	3727	3736	3746	rVB	204796	570865	28.24%	5.532%

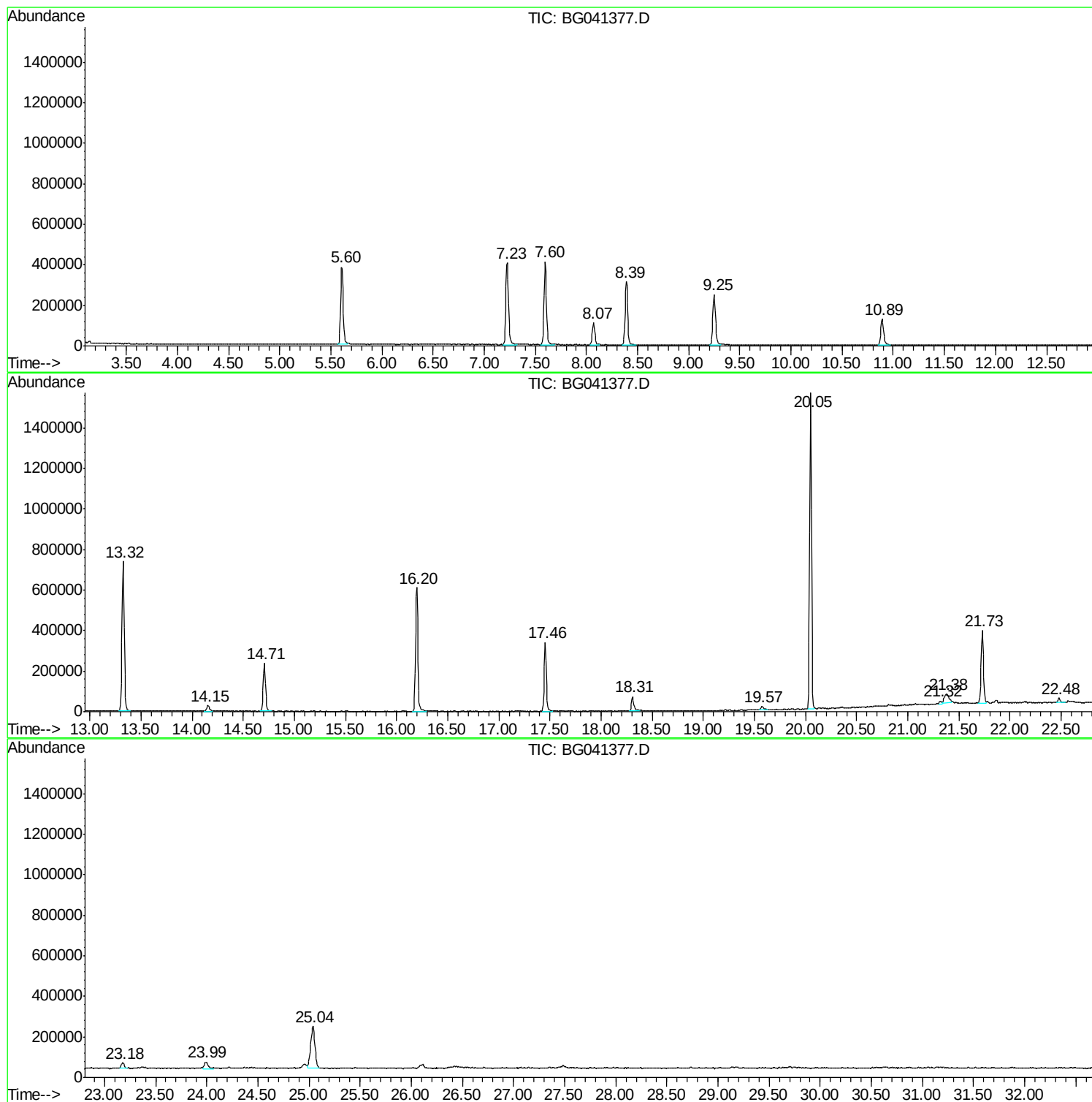
Sum of corrected areas: 10319510

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061719.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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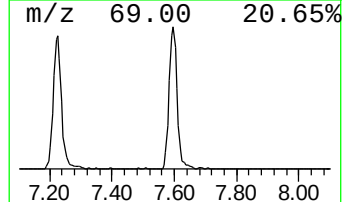
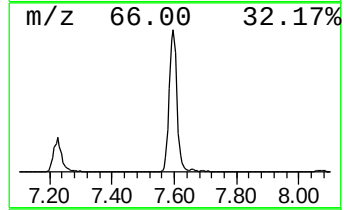
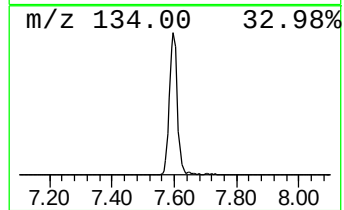
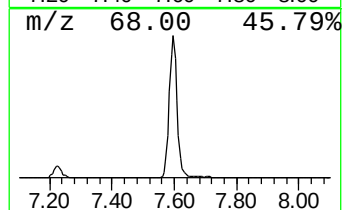
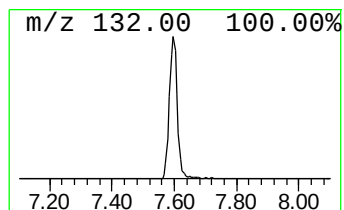
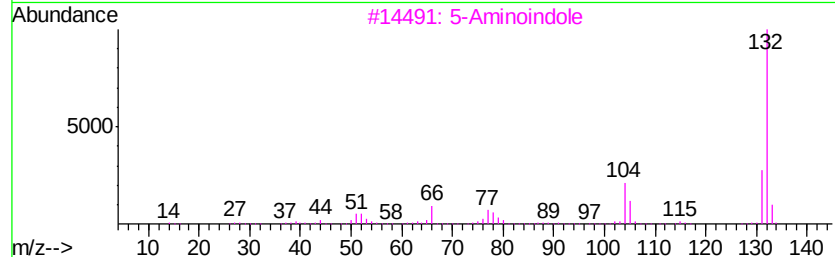
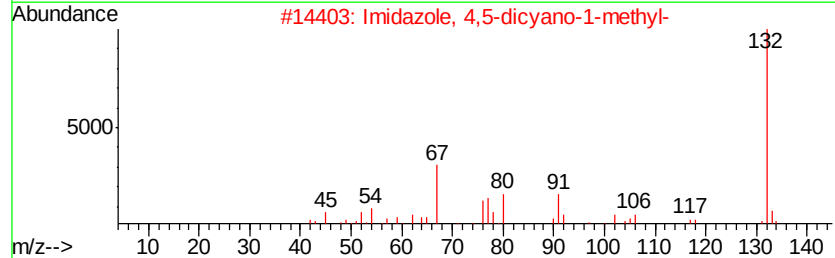
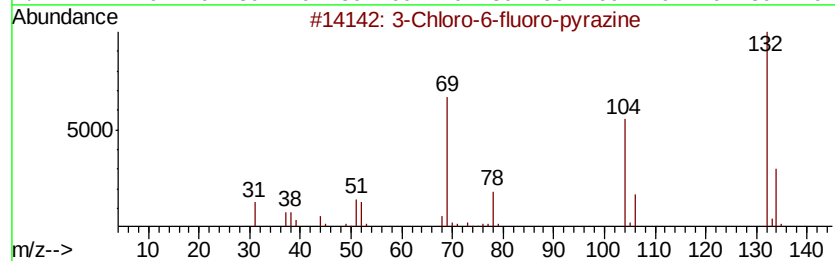
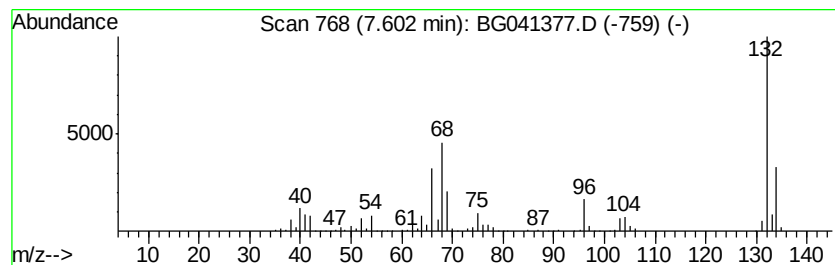
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown7.60 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.60	76.75 ng	723160	1,4-Dichlorobenzene-d4	8.07

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		Imidazole, 4,5-dicyano-1-methyl-	132	C6H4N4	019485-35-9	25
3		5-Aminoindole	132	C8H8N2	005192-03-0	22
4		2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	22
5		1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22



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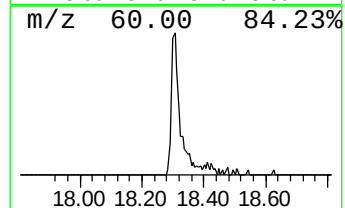
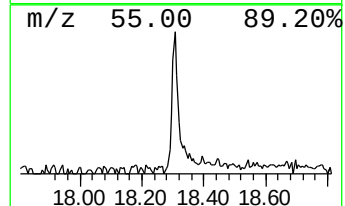
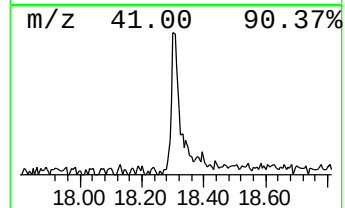
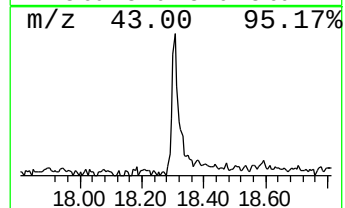
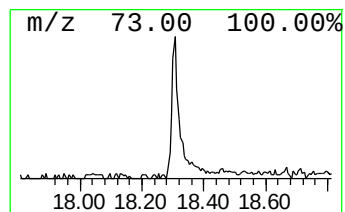
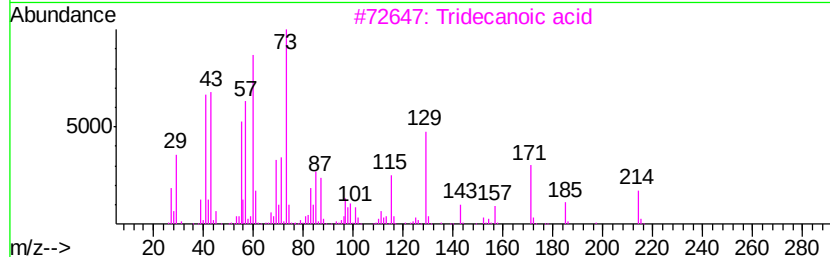
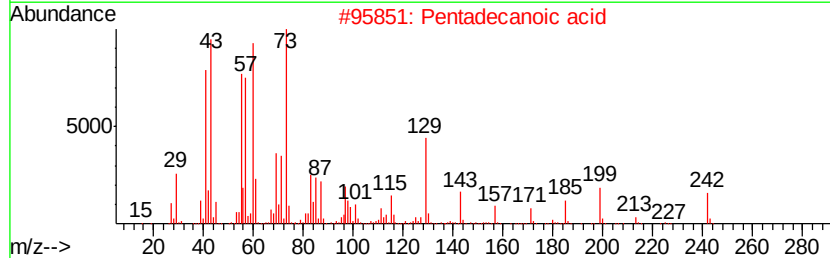
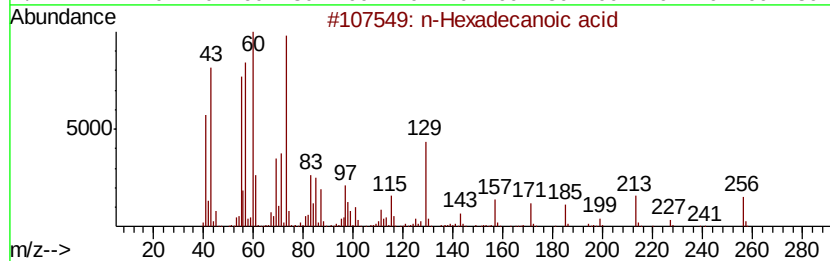
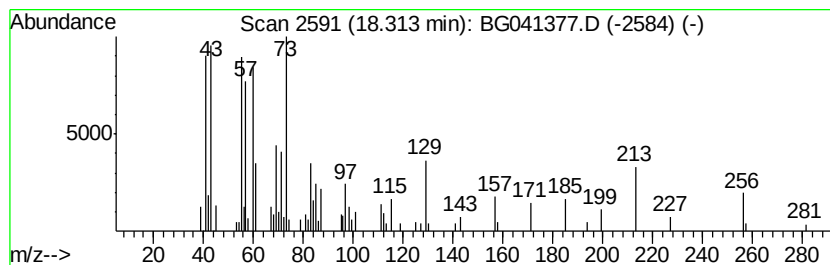
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Peak Number 3 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.31	4.68 ng	123604	Phenanthrene-d10	17.46	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	81
3	Tridecanoic acid	214	C13H26O2	000638-53-9	70
4	n-Decanoic acid	172	C10H20O2	000334-48-5	49
5	i-Propyl 14-methyl-pentadecanoate	298	C19H38O2	1000336-62-4	49



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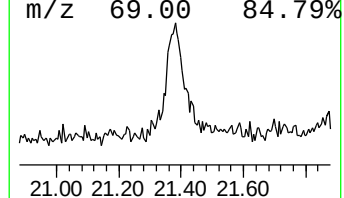
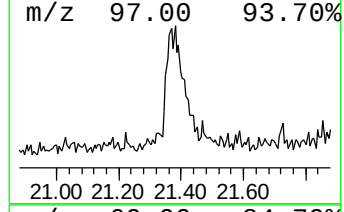
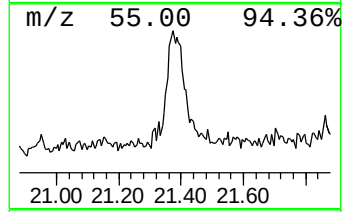
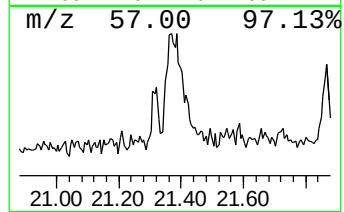
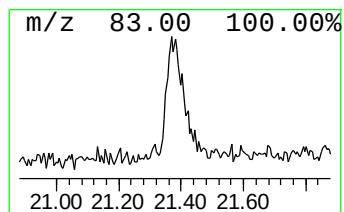
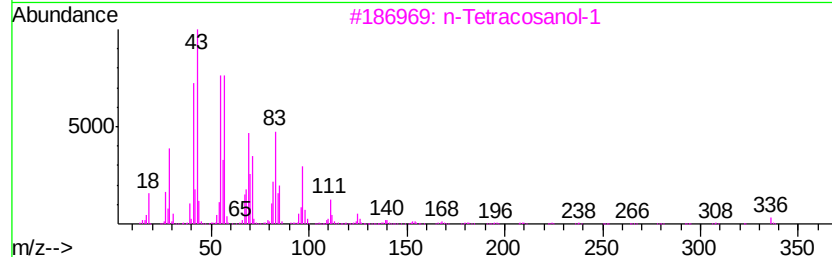
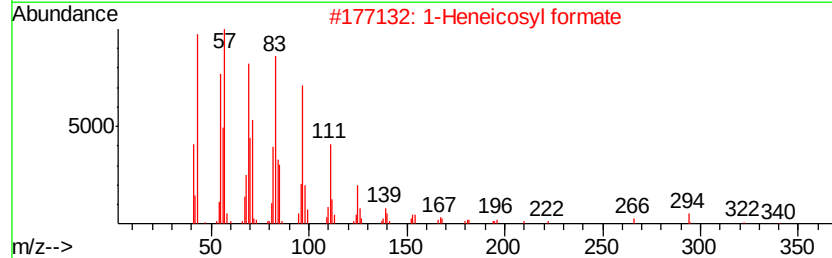
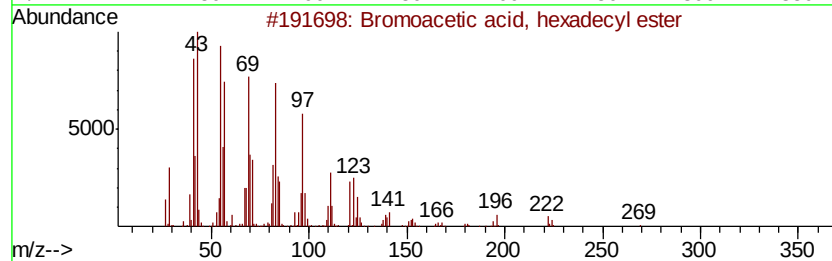
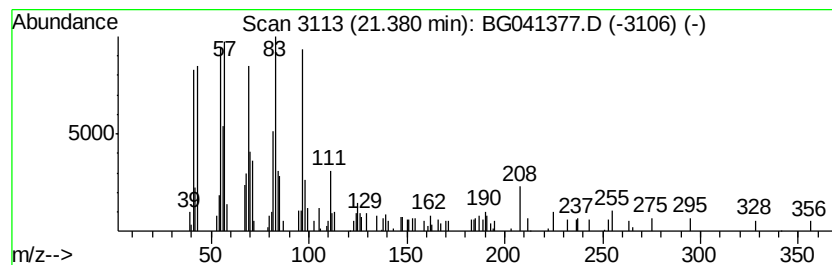
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Peak Number 4 Bromoacetic acid, hexadecyl... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.	
21.38	4.33 ng	134247	Chrysene-d12	21.73	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bromoacetic acid, hexadecyl ester	362	C18H35BrO2	005454-48-8	91
2	1-Heneicosyl formate	340	C22H44O2	077899-03-7	87
3	n-Tetracosanol-1	354	C24H50O	000506-51-4	80
4	1-Hexadecanol	242	C16H34O	036653-82-4	74
5	Acetic acid, trifluoro-, dodecyl...	282	C14H25F3O2	006222-00-0	62



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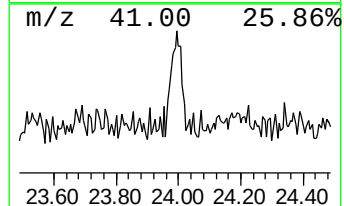
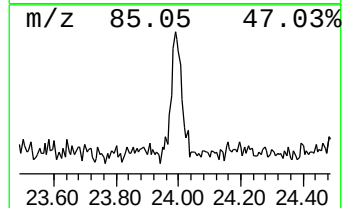
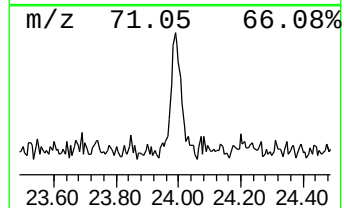
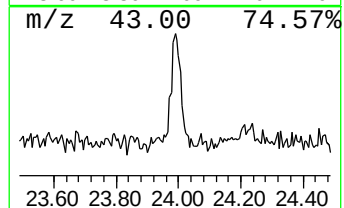
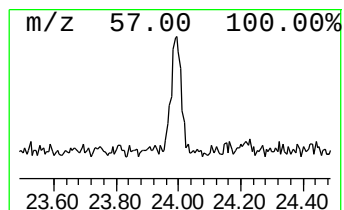
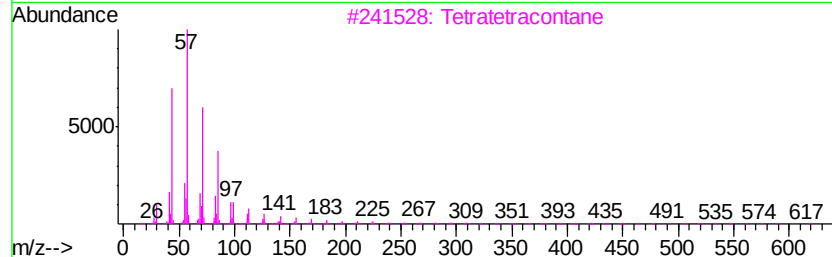
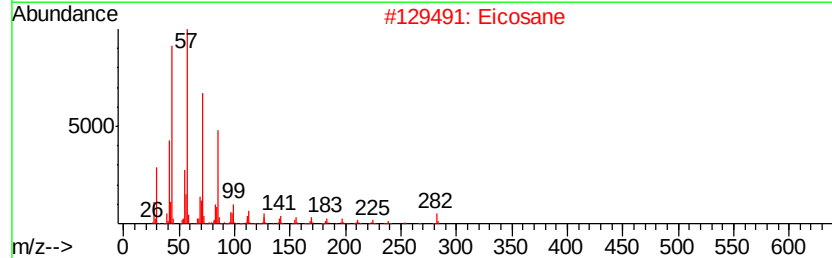
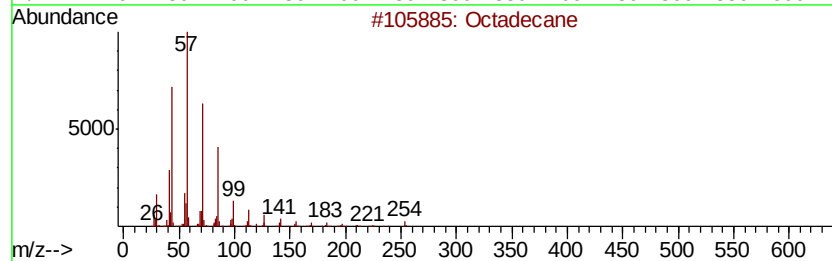
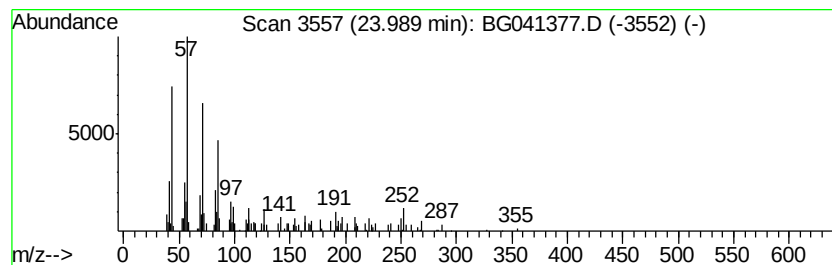
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Peak Number 5 Octadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.99	2.90 ng	82757	Perylene-d12	25.04

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane		254	C18H38	000593-45-3	91
2	Eicosane		282	C20H42	000112-95-8	60
3	Tetratetracontane		619	C44H90	007098-22-8	53
4	Sulfurous acid, butyl tetradecyl...		334	C18H38O3S	1000309-18-1	53
5	Nonadecane, 2-methyl-		282	C20H42	001560-86-7	53



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
unknown7.60	7.60	76.8	ng	723160	1	8.07	188438	20.0
n-Hexadecanoic acid	18.31	4.7	ng	123604	4	17.46	528129	20.0
Bromoacetic acid,...	21.38	4.3	ng	134247	5	21.73	619854	20.0
Octadecane	23.99	2.9	ng	82757	6	25.04	570865	20.0