

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070119\
 Data File : BG041563.D
 Acq On : 1 Jul 2019 17:41
 Operator : HP/JU
 Sample : K3573-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SR-SOIL-COMP-2

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_G\METHODS\8270-BG062619.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	4.562	248	251	257	rVB2	15982	21333	1.02%	0.203%
2	5.566	416	422	438	rBV	412986	698485	33.24%	6.641%
3	7.188	691	698	709	rBV	453054	779637	37.10%	7.413%
4	7.558	754	761	772	rVB	445091	776681	36.96%	7.385%
5	8.028	835	841	852	rVB	102376	182401	8.68%	1.734%
6	8.351	889	896	904	rBV	339545	583500	27.77%	5.548%
7	9.209	1035	1042	1052	rBV	262503	484390	23.05%	4.606%
8	10.854	1315	1322	1330	rBV	114736	209208	9.96%	1.989%
9	13.293	1730	1737	1748	rBV	700738	1090586	51.90%	10.369%
10	14.121	1873	1878	1887	rBV	102953	152934	7.28%	1.454%
11	14.673	1966	1972	1981	rBV2	197423	323980	15.42%	3.080%
12	16.166	2220	2226	2242	rBV	626732	1016342	48.37%	9.664%
13	17.423	2434	2440	2451	rBV2	303248	464302	22.10%	4.415%
14	18.281	2582	2586	2595	rBV2	44306	69491	3.31%	0.661%
15	20.026	2877	2883	2892	rBV	1590663	2101326	100.00%	19.980%
16	21.295	3094	3099	3112	rBV3	41977	113793	5.42%	1.082%
17	21.695	3161	3167	3174	rBV2	369348	631320	30.04%	6.003%
18	22.441	3290	3294	3299	rBV6	16637	22809	1.09%	0.217%
19	23.134	3407	3412	3419	rVB5	24597	48494	2.31%	0.461%
20	23.945	3545	3550	3557	rVB4	23472	50343	2.40%	0.479%
21	24.897	3706	3712	3717	rBV5	18311	43159	2.05%	0.410%
22	24.979	3717	3726	3738	rVB	205538	608535	28.96%	5.786%
23	26.036	3901	3906	3916	rVB8	14709	44233	2.11%	0.421%

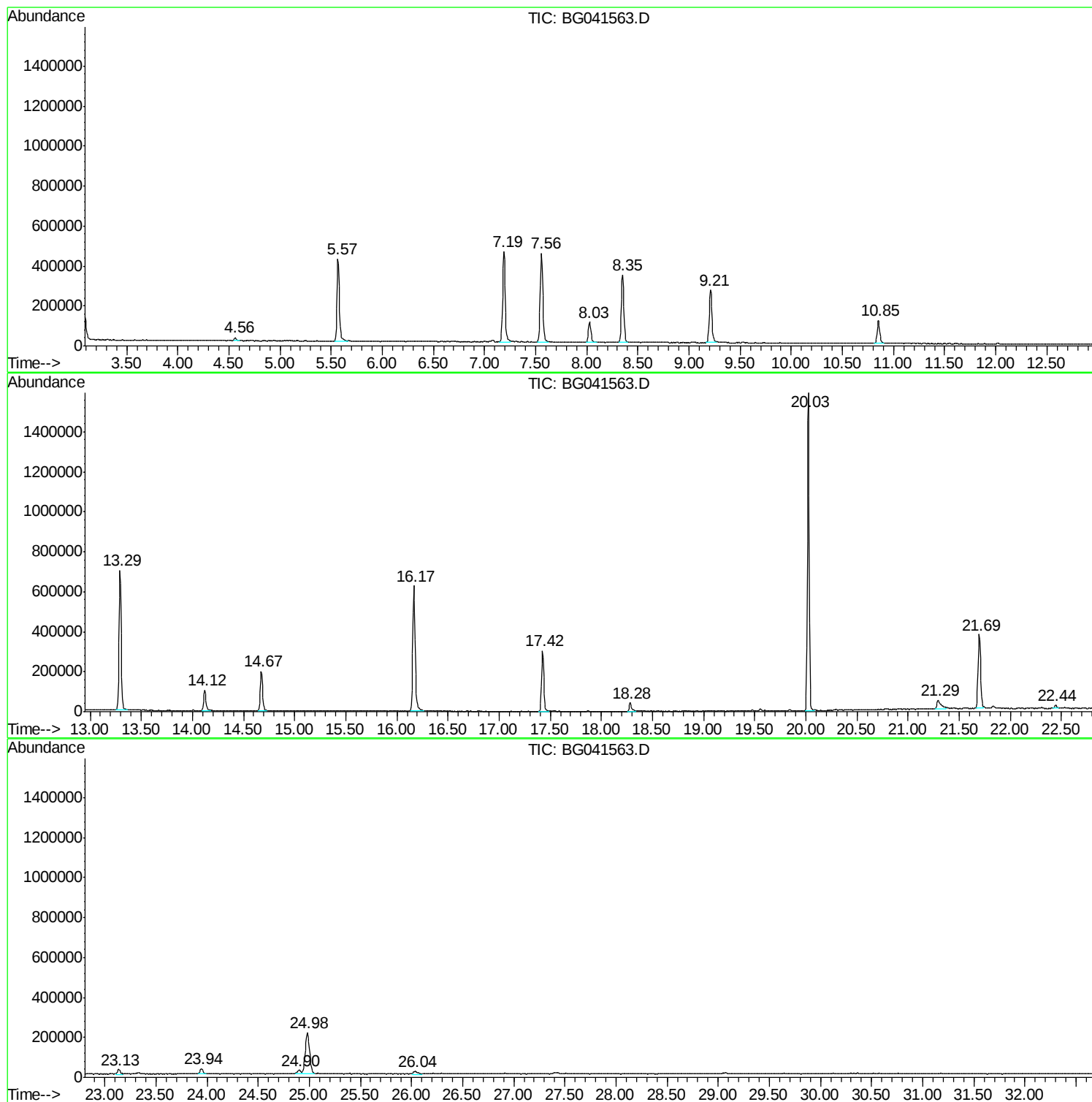
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P



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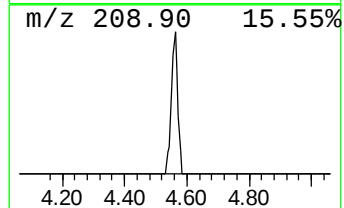
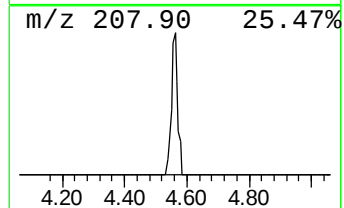
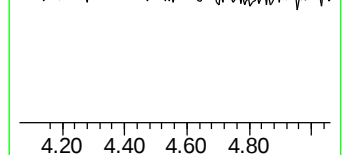
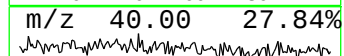
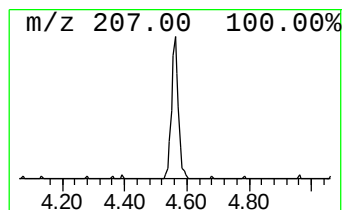
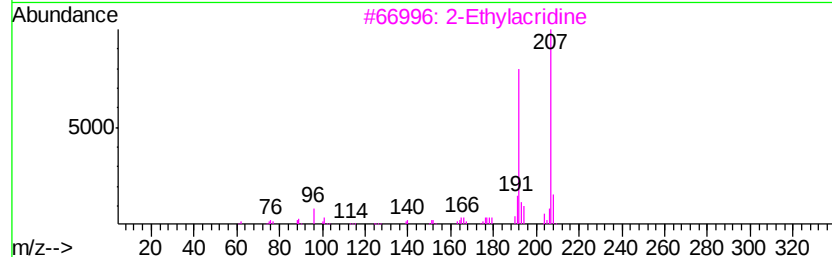
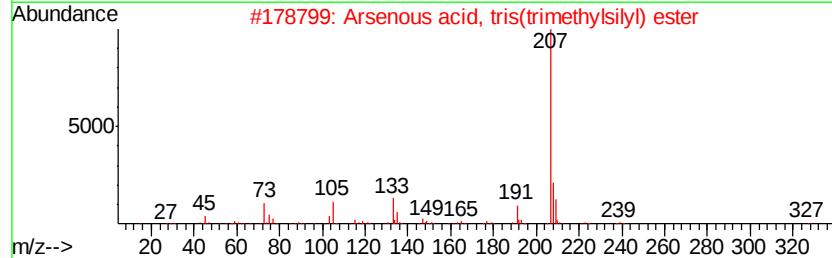
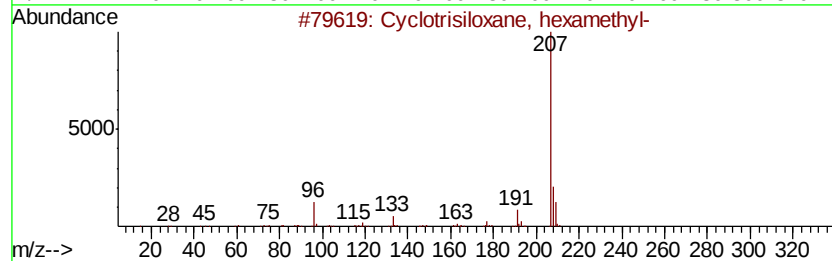
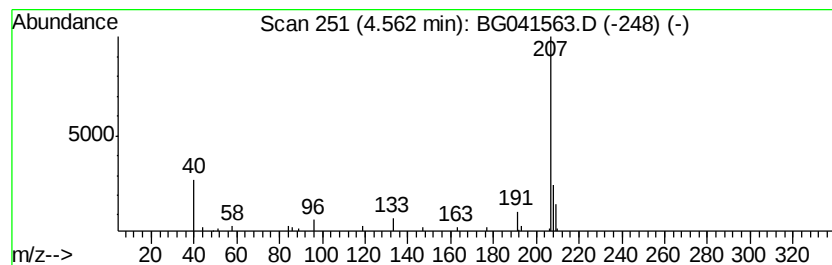
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG062619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Cyclotrisiloxane, hexamethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.56	2.34 ng	21333	1,4-Dichlorobenzene-d4	8.03

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclotrisiloxane, hexamethyl-	222	C6H18O3Si3	000541-05-9	83
2		Arsenous acid, tris(trimethylsil...	342	C9H27AsO3Si3	055429-29-3	78
3		2-Ethylacridine	207	C15H13N	055751-83-2	42
4		Benzo[h]quinoline, 2,4-dimethyl-	207	C15H13N	000605-67-4	39
5		Cyclohexane-1,3-dione, 2-allylam...	207	C12H17NO2	104926-37-6	37



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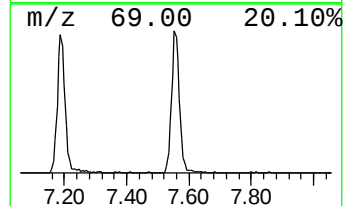
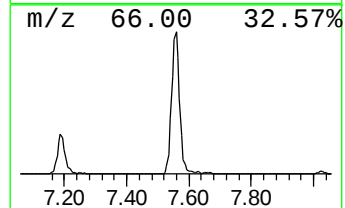
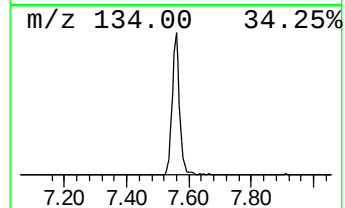
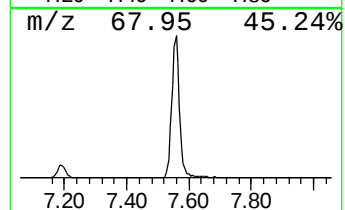
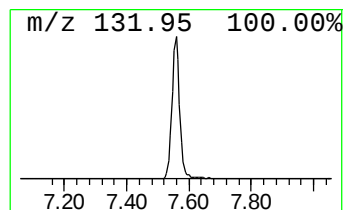
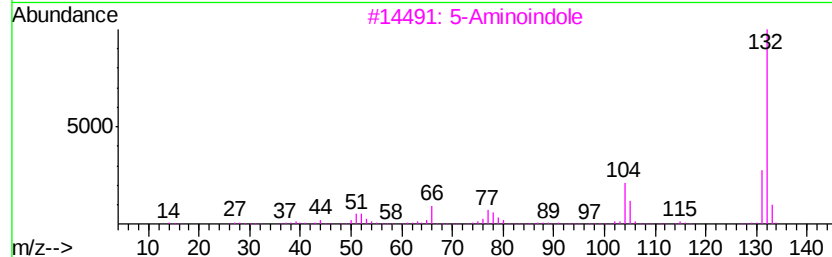
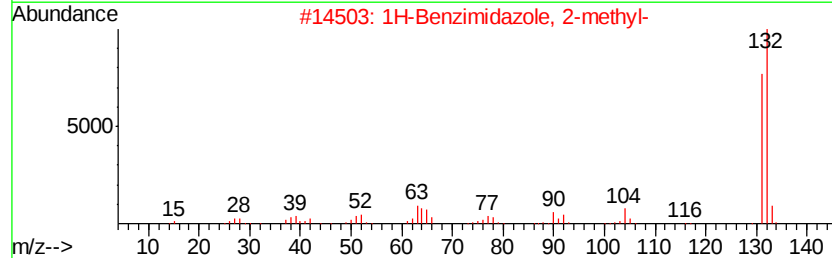
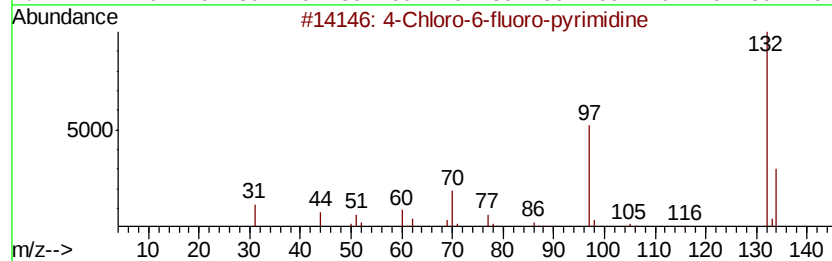
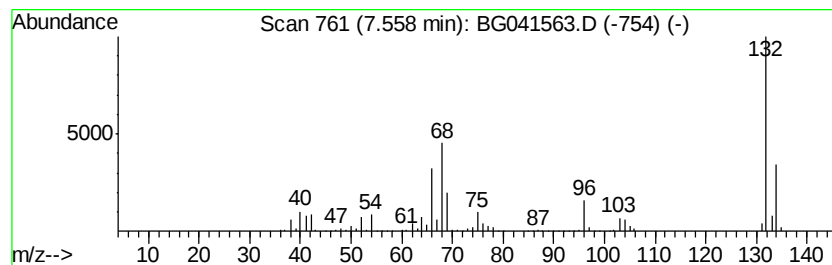
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Peak Number 2 unknown7.56 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.56	85.16 ng	776681	1,4-Dichlorobenzene-d4	8.03

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
2		1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
3		5-Aminoindole	132	C8H8N2	005192-03-0	22
4		Imidazole, 4,5-dicyano-1-methyl-	132	C6H4N4	019485-35-9	22
5		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12



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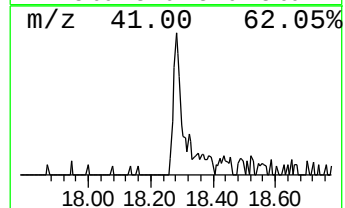
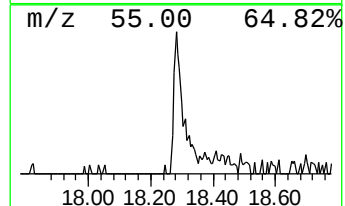
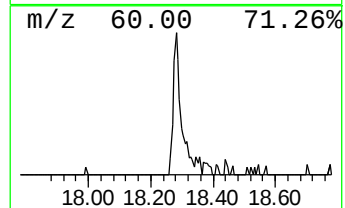
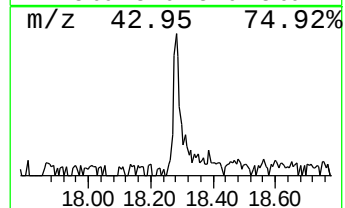
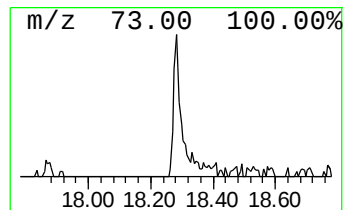
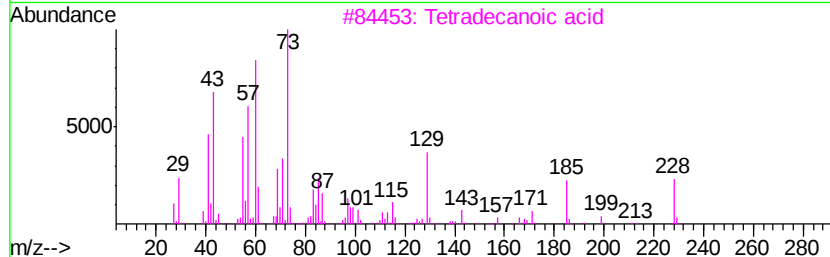
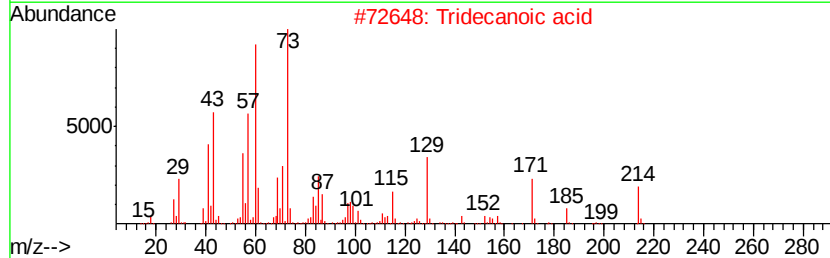
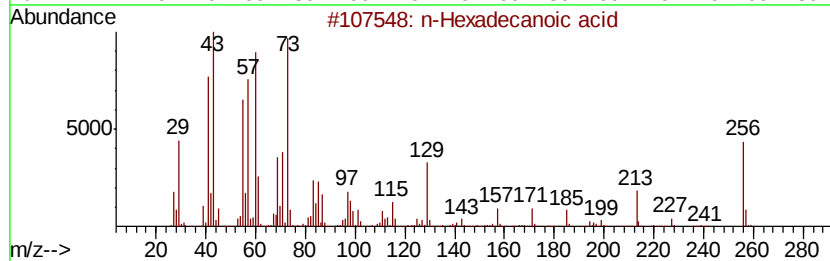
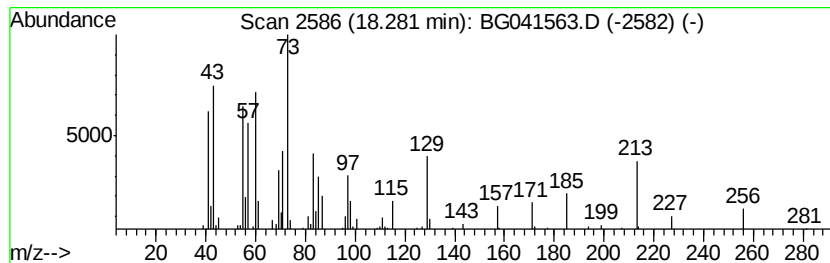
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Peak Number 4 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.28	2.99 ng	69491	Phenanthrene-d10	17.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
2		Tridecanoic acid	214	C13H26O2	000638-53-9	60
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	58
4		n-Decanoic acid	172	C10H20O2	000334-48-5	55
5		Pentadecanoic acid	242	C15H30O2	001002-84-2	50



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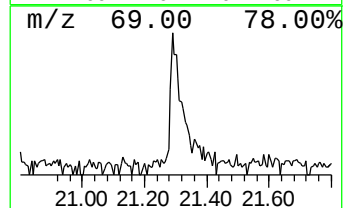
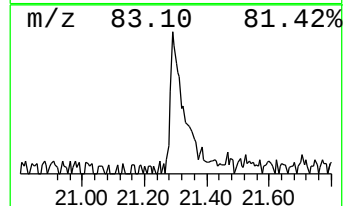
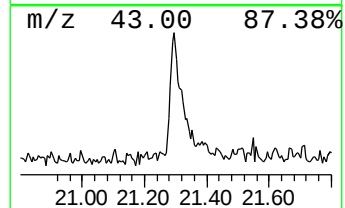
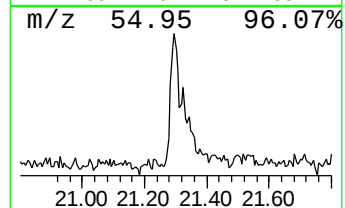
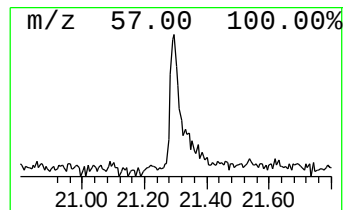
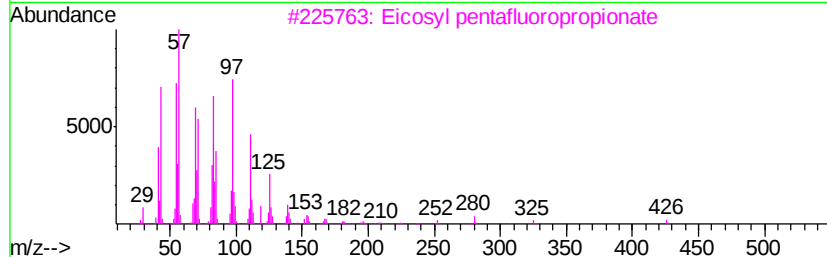
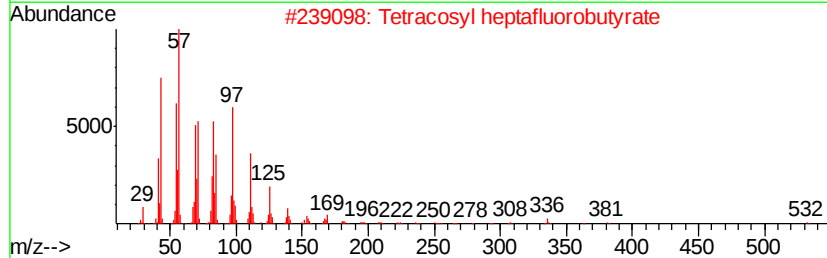
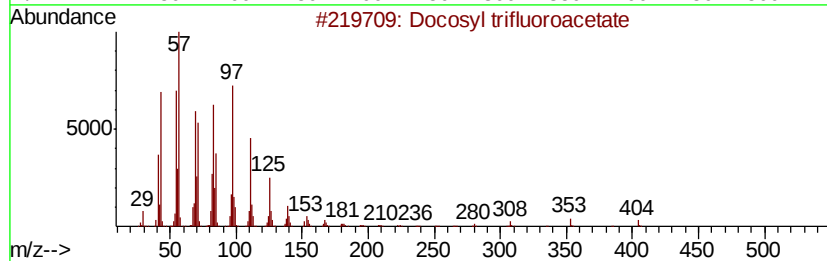
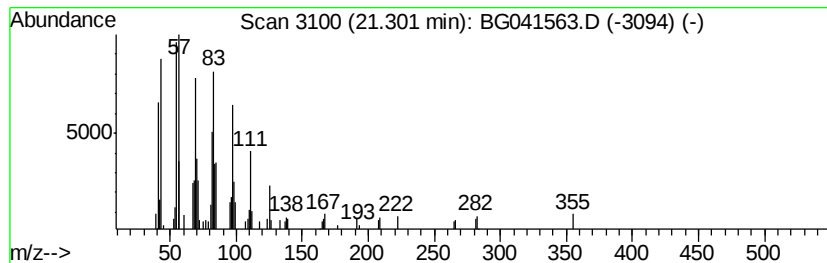
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Peak Number 5 Docosyl trifluoroacetate Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.30	3.60 ng	113793	Chrysene-d12	21.69

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Docosyl trifluoroacetate	422	C24H45F3O2	1000351-75-5	87
2		Tetracosyl heptafluorobutyrate	550	C28H49F7O2	1000351-83-7	87
3		Eicosyl pentafluoropropionate	444	C23H41F5O2	1000351-80-8	87
4		Heneicosyl heptafluorobutyrate	508	C25H43F7O2	1000351-83-8	87
5		Eicosyl trifluoroacetate	394	C22H41F3O2	1000351-75-2	87



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Cyclotrisiloxane,...	4.56	2.3	ng	21333	1	8.03	182401	20.0
unknown7.56	7.56	85.2	ng	776681	1	8.03	182401	20.0
n-Hexadecanoic acid	18.28	3.0	ng	69491	4	17.42	464302	20.0
Docosyl trifluoro...	21.30	3.6	ng	113793	5	21.69	631320	20.0