

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG030719\
 Data File : BG039804.D
 Acq On : 7 Mar 2019 16:11
 Operator : JU/SJ
 Sample : K1780-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SOIL-A

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-BG030419.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	3.208	15	20	29	rBV2	74005	135927	3.37%	0.640%
2	3.278	29	32	39	rVB	49326	68995	1.71%	0.325%
3	5.698	436	444	456	rBV	962335	1540688	38.20%	7.259%
4	7.302	709	717	728	rBV	1056223	1842236	45.67%	8.679%
5	7.684	774	782	792	rBV	943099	1635762	40.56%	7.706%
6	8.154	856	862	872	rVB	154052	263502	6.53%	1.241%
7	8.477	909	917	926	rVB	662359	1152306	28.57%	5.429%
8	9.329	1054	1062	1073	rBV	579652	1063137	26.36%	5.009%
9	10.974	1335	1342	1350	rBV	218443	399054	9.89%	1.880%
10	13.406	1748	1756	1763	rBV	1703058	2684929	66.57%	12.649%
11	14.222	1886	1895	1901	rBV	115618	170611	4.23%	0.804%
12	14.780	1983	1990	2000	rBV2	393268	629342	15.60%	2.965%
13	16.267	2236	2243	2260	rBV	1431380	2204464	54.66%	10.386%
14	17.524	2451	2457	2468	rBV	533368	813959	20.18%	3.835%
15	18.375	2595	2602	2612	rBV2	60356	104844	2.60%	0.494%
16	20.120	2892	2899	2904	rBV	2963722	4033361	100.00%	19.002%
17	21.401	3113	3117	3128	rBV2	40597	82906	2.06%	0.391%
18	21.812	3180	3187	3196	rVB	546858	916373	22.72%	4.317%
19	22.581	3313	3318	3325	rBV2	36998	58577	1.45%	0.276%
20	23.304	3433	3441	3452	rBV2	88702	178897	4.44%	0.843%
21	24.138	3574	3583	3591	rBV2	50479	116195	2.88%	0.547%
22	25.184	3743	3761	3774	rVB2	308261	982471	24.36%	4.629%
23	26.306	3940	3952	3960	rBV2	32466	105576	2.62%	0.497%
24	27.722	4185	4193	4203	rVB4	13346	41827	1.04%	0.197%

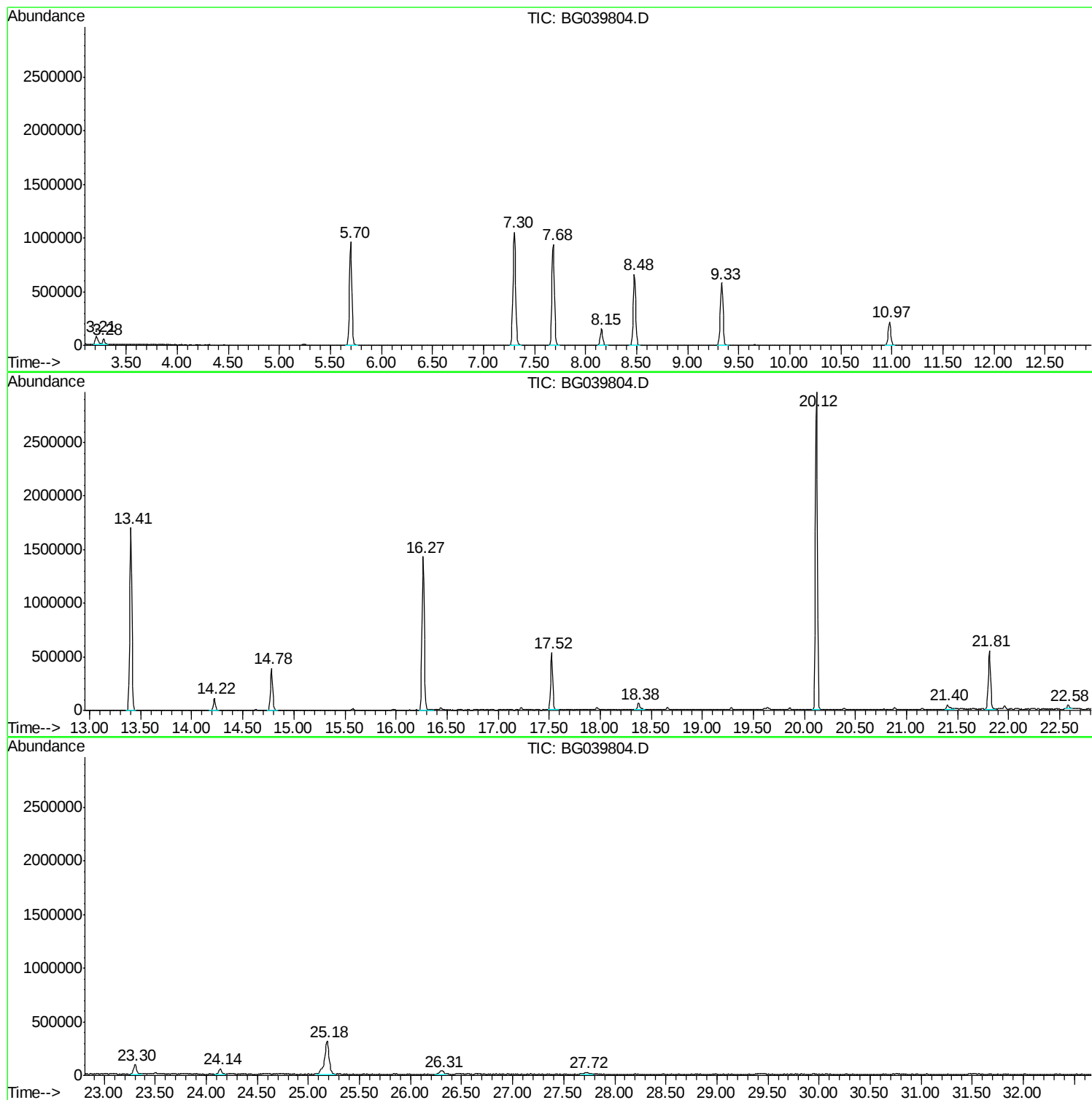
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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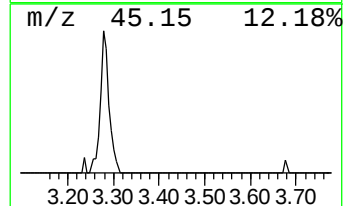
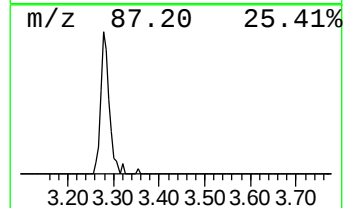
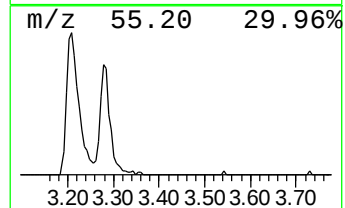
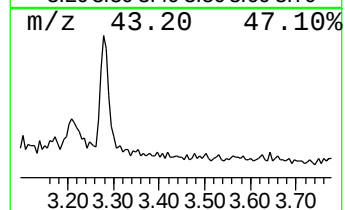
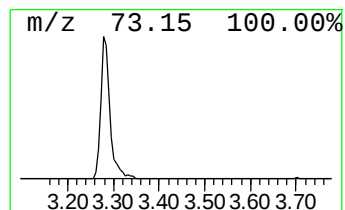
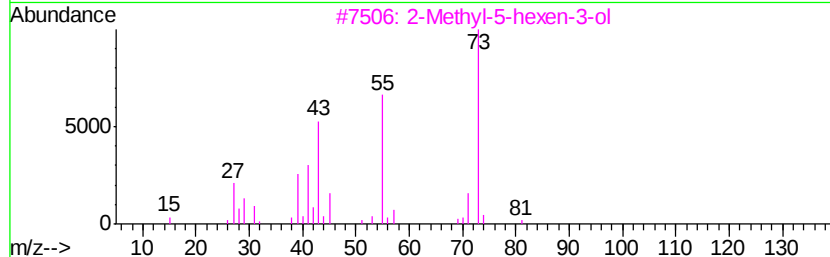
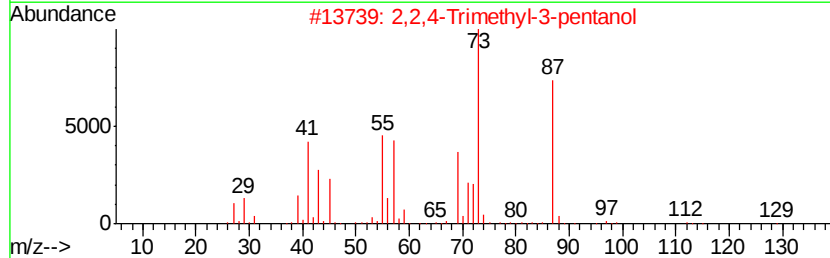
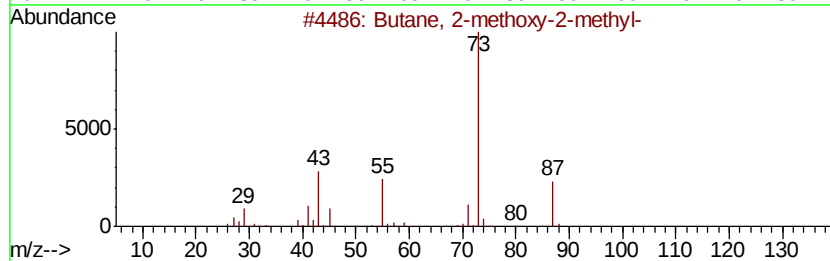
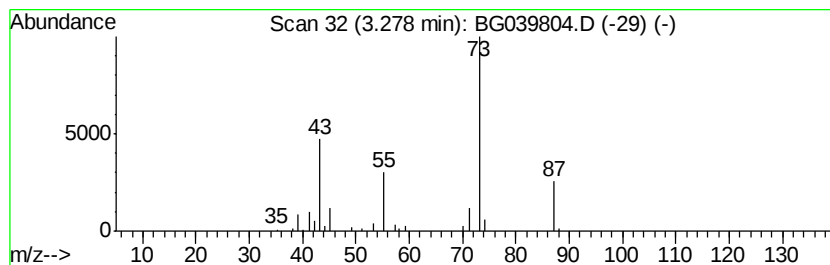
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG030419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.28	5.24 ng	68995	1,4-Dichlorobenzene-d4	8.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3		2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	32
4		1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	32
5		Silane, tetramethyl-	88	C4H12Si	000075-76-3	25



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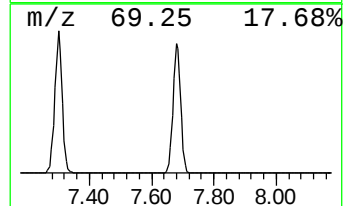
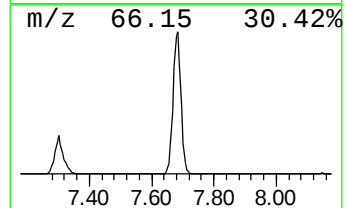
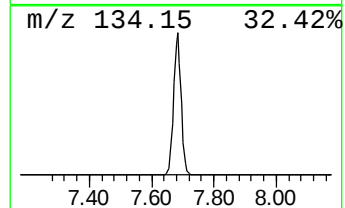
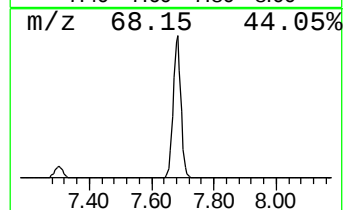
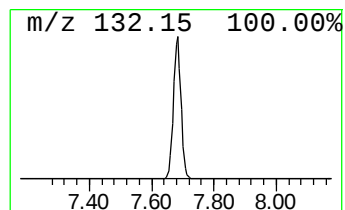
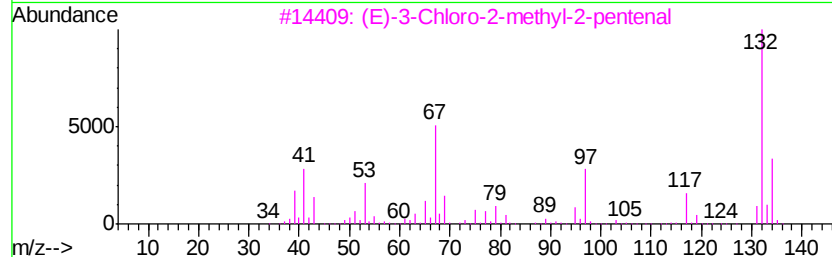
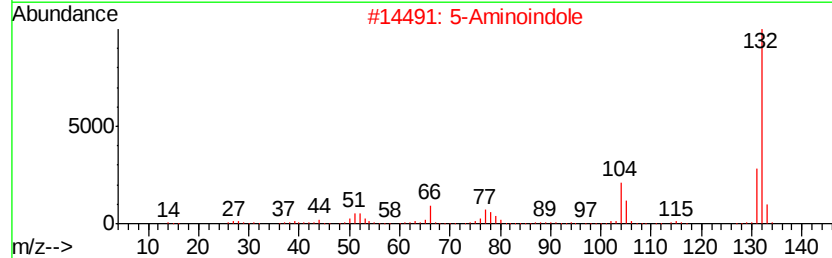
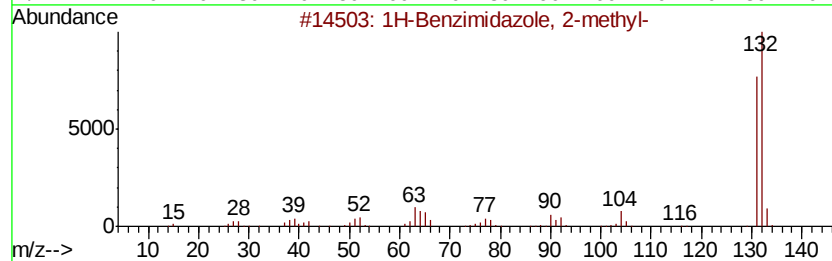
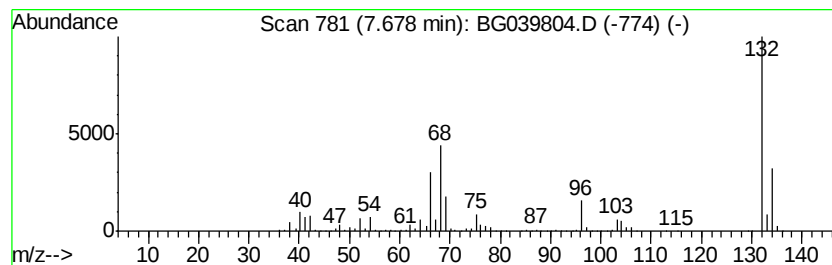
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Peak Number 3 unknown7.8 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.68	124.16 ng	1635760	1,4-Dichlorobenzene-d4	8.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
2		5-Aminoindole	132	C8H8N2	005192-03-0	22
3		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
4		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
5		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12



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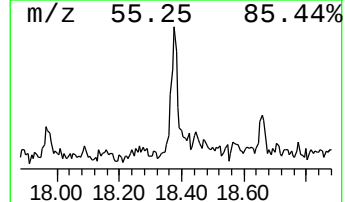
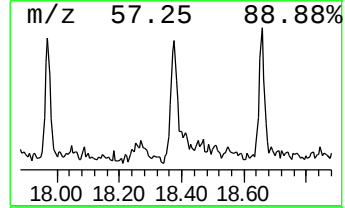
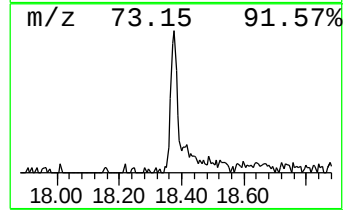
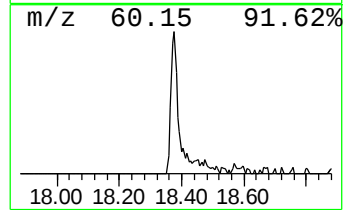
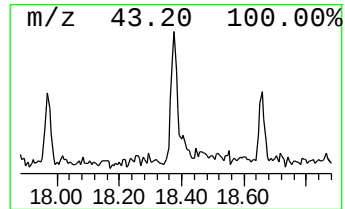
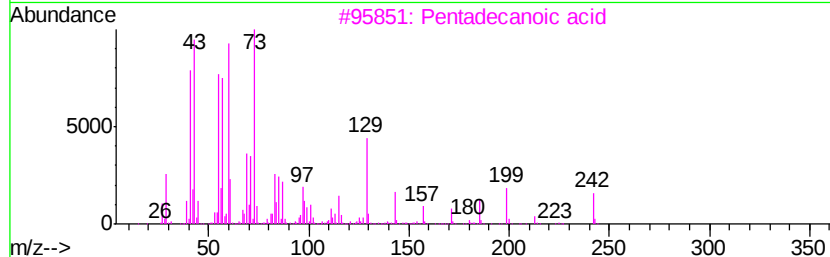
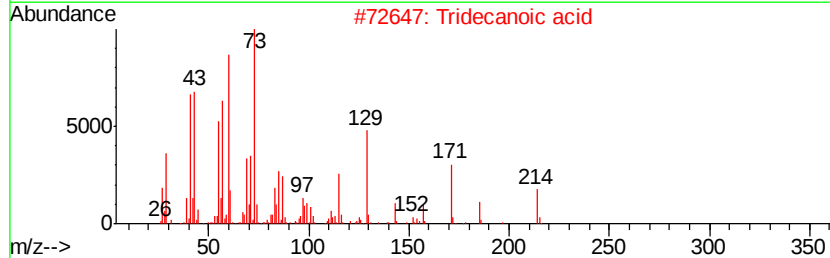
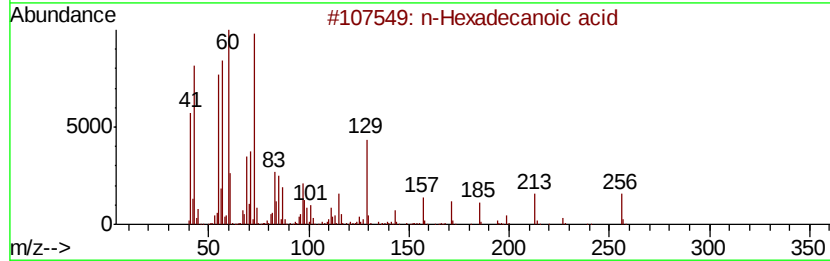
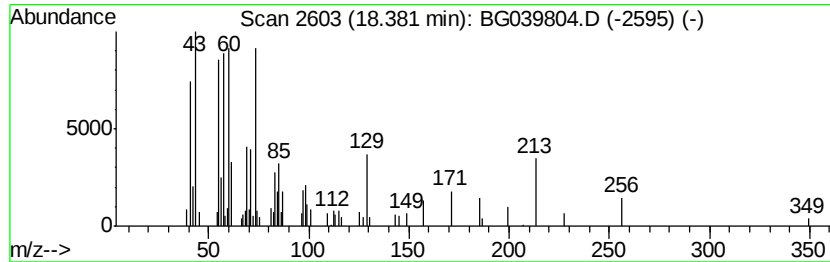
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Peak Number 5 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.38	2.58 ng	104844	Phenanthrene-d10	17.52

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2		Tridecanoic acid	214	C13H26O2	000638-53-9	91
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	81
4		Undecanoic acid	186	C11H22O2	000112-37-8	76
5		Tetradecanoic acid	228	C14H28O2	000544-63-8	74



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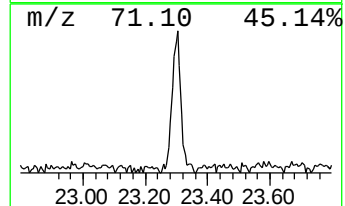
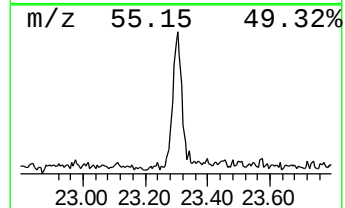
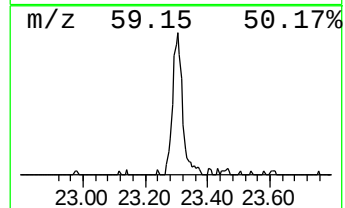
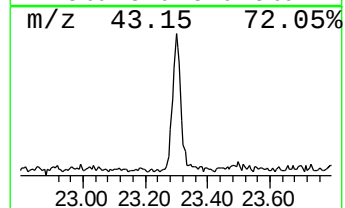
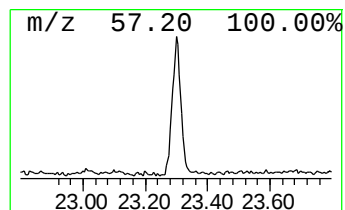
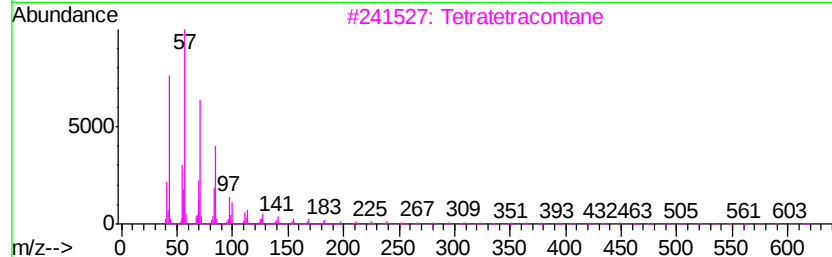
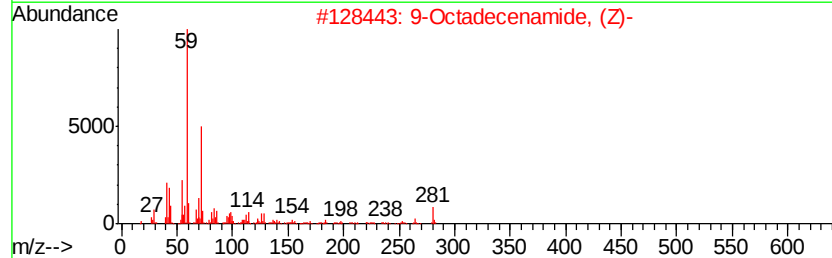
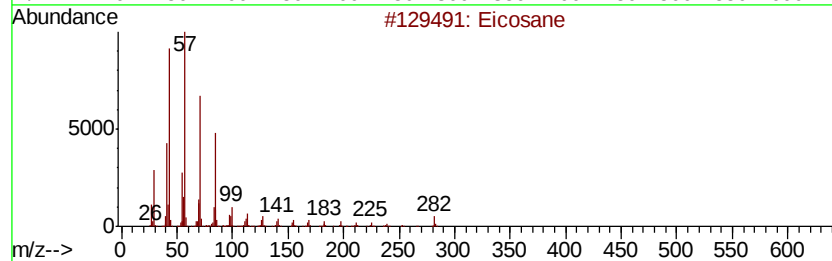
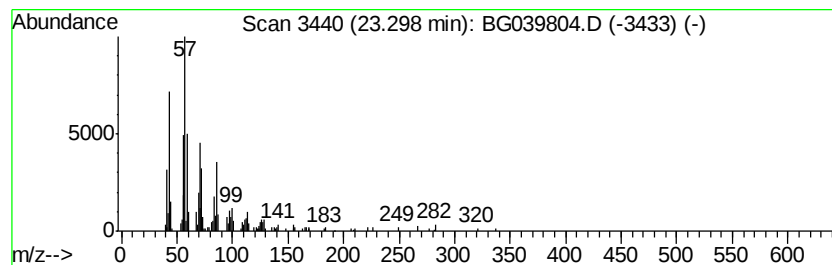
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 Peak Number 6 Eicosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.30	3.90 ng	178897	Chrysene-d12	21.81

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane		282	C20H42	000112-95-8	89
2	9-Octadecenamide, (Z)-		281	C18H35NO	000301-02-0	81
3	Tetratetracontane		619	C44H90	007098-22-8	49
4	Sulfurous acid, butyl pentadecyl...		348	C19H40O3S	1000309-18-2	49
5	Tritetracontane		605	C43H88	007098-21-7	49



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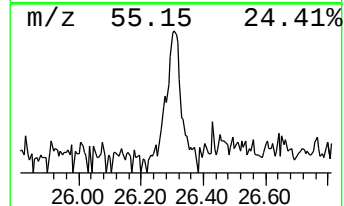
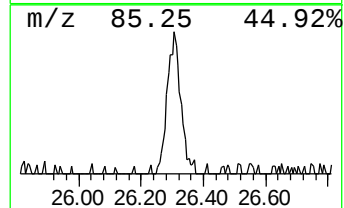
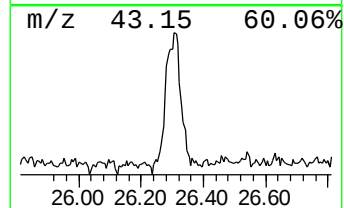
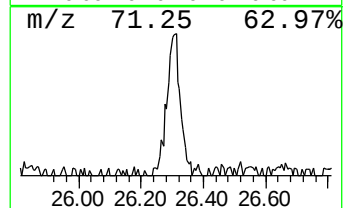
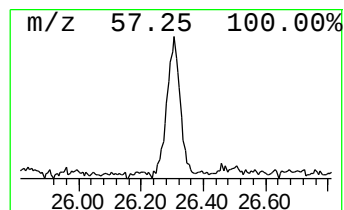
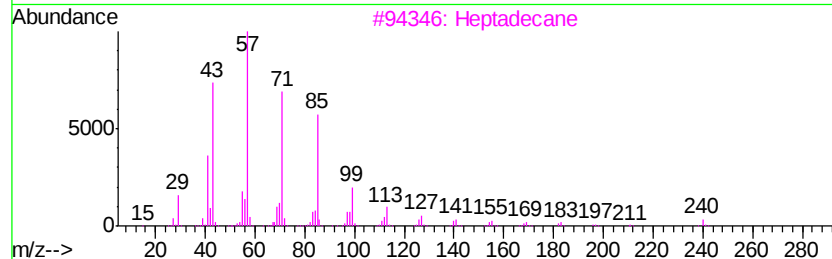
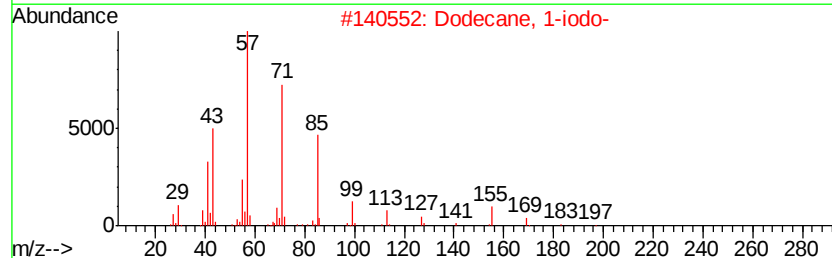
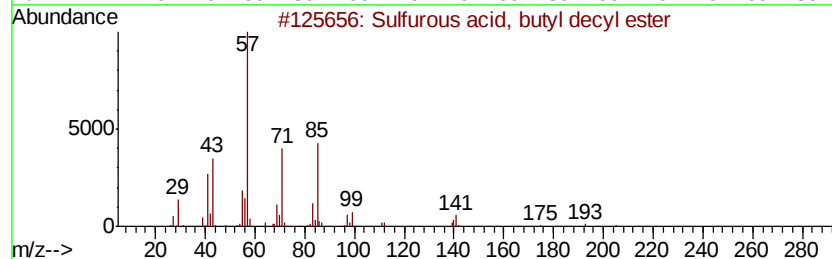
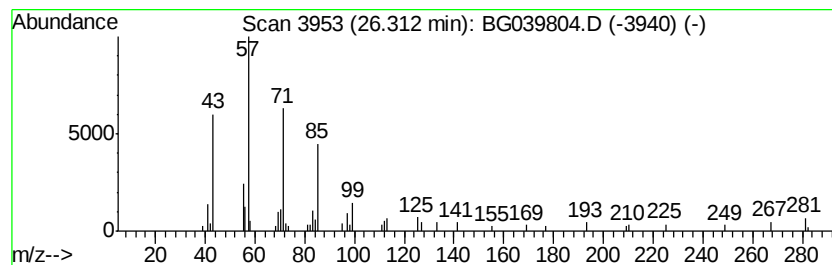
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 Peak Number 8 Sulfurous acid, butyl decyl... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.31	2.15 ng	105576	Perylene-d12	25.18

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Sulfurous acid, butyl decyl ester	278	C14H30O3S	1000309-17-7	80
2		Dodecane, 1-iodo-	296	C12H25I	004292-19-7	80
3		Heptadecane	240	C17H36	000629-78-7	72
4		Sulfurous acid, 2-ethylhexyl iso...	278	C14H30O3S	1000309-19-0	64
5		Heptacosane	380	C27H56	000593-49-7	64



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2-methoxy...	3.28	5.2	ng	68995	1	8.15	263502	20.0
unknown7.8	7.68	124.2	ng	1635760	1	8.15	263502	20.0
n-Hexadecanoic acid	18.38	2.6	ng	104844	4	17.52	813959	20.0
Eicosane	23.30	3.9	ng	178897	5	21.81	916373	20.0
Sulfurous acid, b...	26.31	2.1	ng	105576	6	25.18	982471	20.0