

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031119\
 Data File : BG039846.D
 Acq On : 11 Mar 2019 17:51
 Operator : JU/SJ
 Sample : K1807-37
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-19

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	3.209	14	20	28	rBV	80586	149912	4.00%	0.723%
2	3.279	28	32	41	rVB	55090	79990	2.13%	0.386%
3	5.699	437	444	455	rBV	938807	1502922	40.05%	7.246%
4	7.303	709	717	729	rBV	998555	1764679	47.03%	8.508%
5	7.685	773	782	792	rBV	904017	1589776	42.37%	7.665%
6	8.155	854	862	875	rVB	175045	289626	7.72%	1.396%
7	8.478	909	917	927	rVB	623039	1081903	28.83%	5.216%
8	9.330	1052	1062	1071	rBV	558762	1022467	27.25%	4.930%
9	10.975	1334	1342	1350	rBV	233432	422782	11.27%	2.038%
10	13.401	1748	1755	1766	rBV	1437743	2281332	60.80%	11.000%
11	14.223	1888	1895	1901	rBV	118714	178067	4.75%	0.859%
12	14.781	1983	1990	1999	rVB2	402581	655839	17.48%	3.162%
13	16.267	2235	2243	2252	rBV	1384491	2124884	56.63%	10.245%
14	17.525	2450	2457	2469	rVB2	590641	905026	24.12%	4.364%
15	18.376	2597	2602	2614	rBV2	70040	124407	3.32%	0.600%
16	19.639	2812	2817	2822	rBV3	25728	41453	1.10%	0.200%
17	20.115	2892	2898	2905	rBV	2727269	3752406	100.00%	18.092%
18	21.402	3112	3117	3127	rBV3	43616	97489	2.60%	0.470%
19	21.813	3180	3187	3195	rBV	629407	1045181	27.85%	5.039%
20	22.582	3312	3318	3323	rBV2	41165	68747	1.83%	0.331%
21	23.299	3434	3440	3448	rVB3	54136	97579	2.60%	0.470%
22	24.133	3574	3582	3589	rBV	55104	124870	3.33%	0.602%
23	25.185	3741	3761	3773	rBV2	342994	1150726	30.67%	5.548%
24	26.307	3941	3952	3962	rVB3	38171	115954	3.09%	0.559%
25	27.717	4183	4192	4204	rVB3	20904	72257	1.93%	0.348%

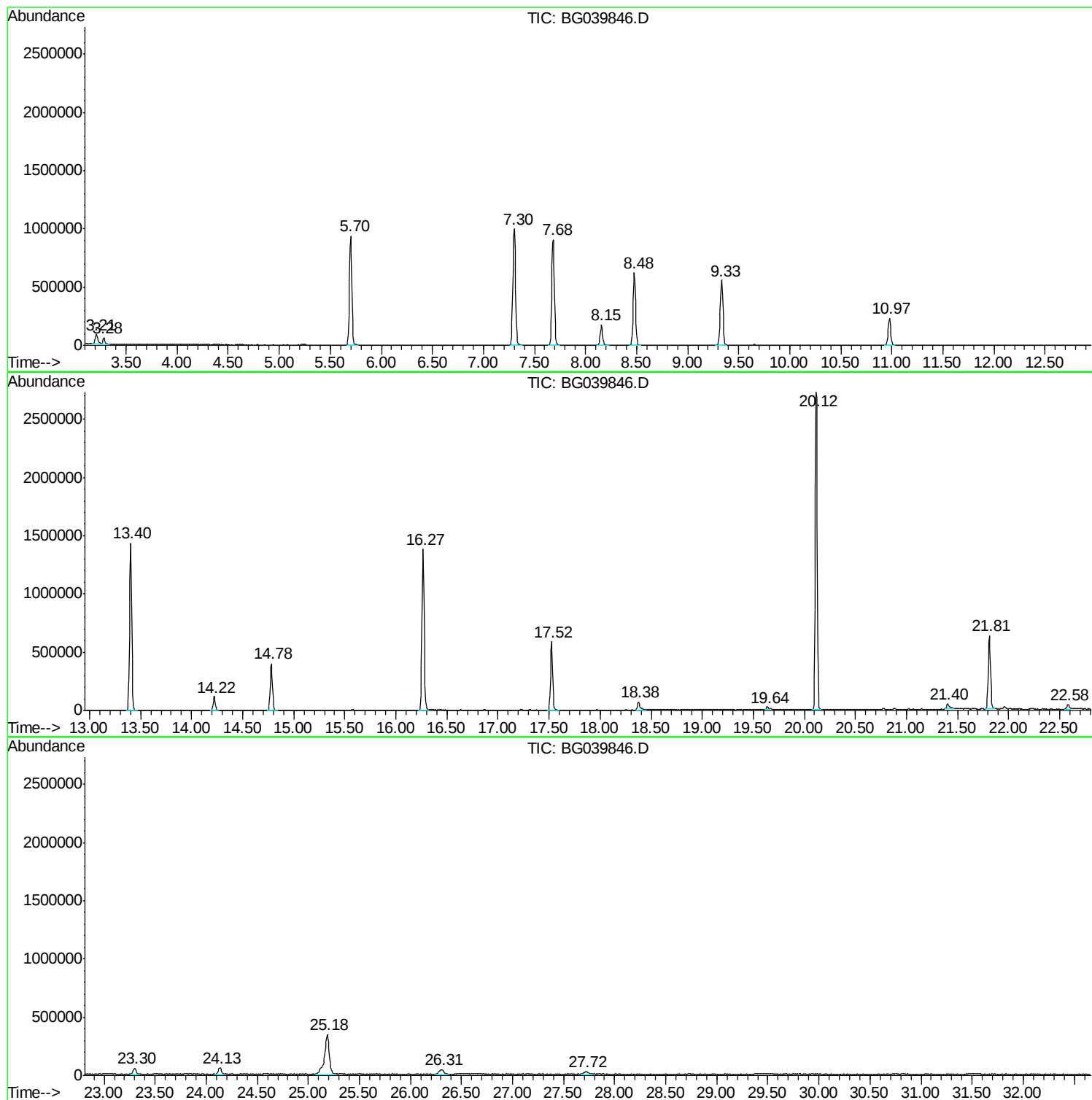
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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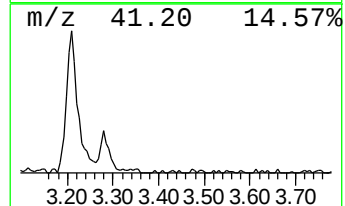
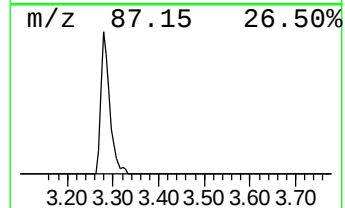
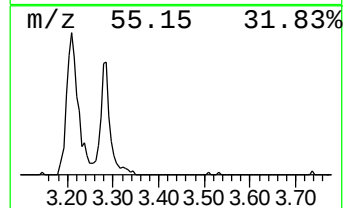
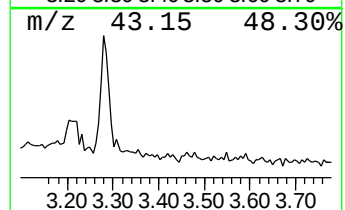
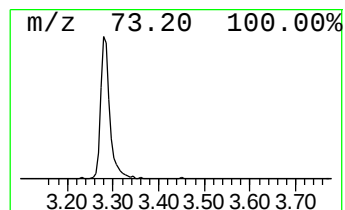
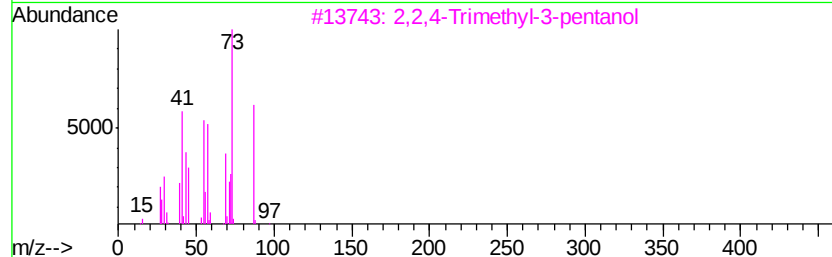
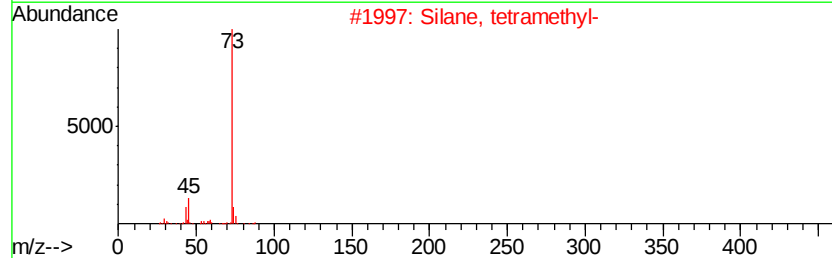
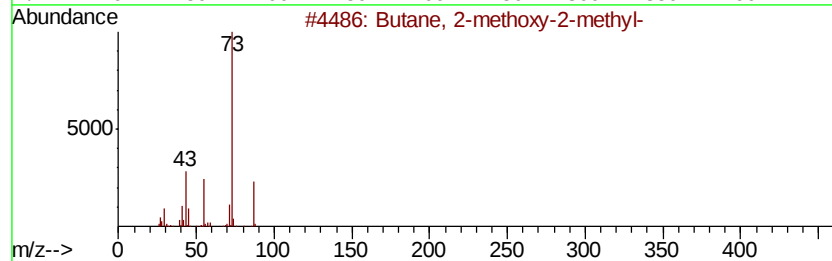
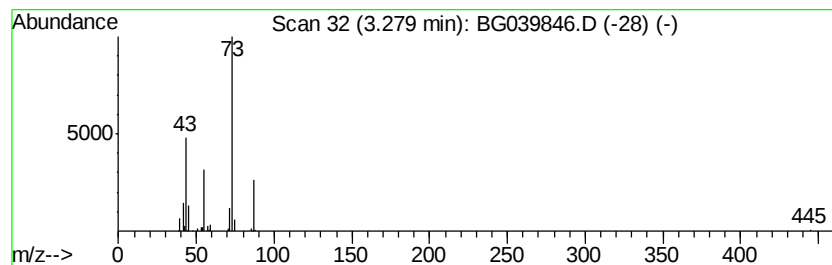
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.28	5.52 ng	79990	1,4-Dichlorobenzene-d4	8.15

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2			Silane, tetramethyl-	88	C4H12Si	000075-76-3	25
3			2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	9
4			2-Hydroxy-2-methylbutyric acid	118	C5H10O3	003739-30-8	9
5			Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	9



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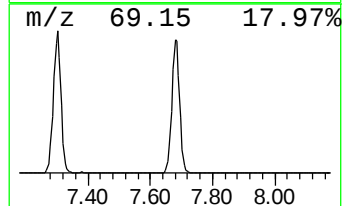
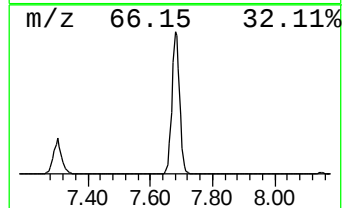
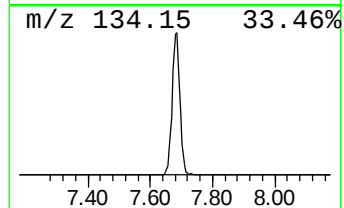
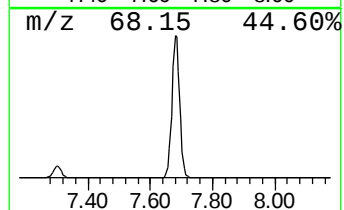
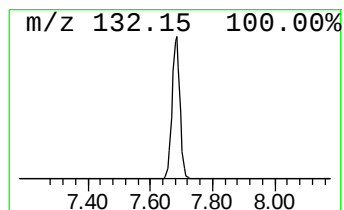
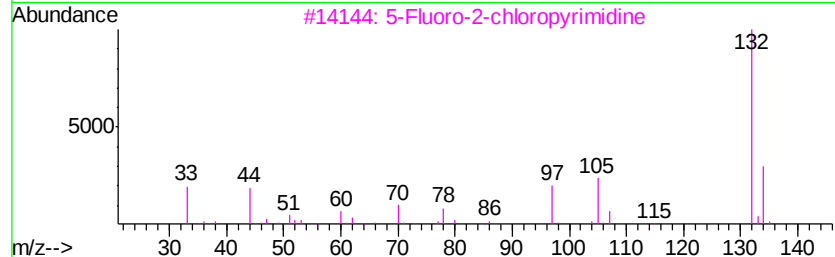
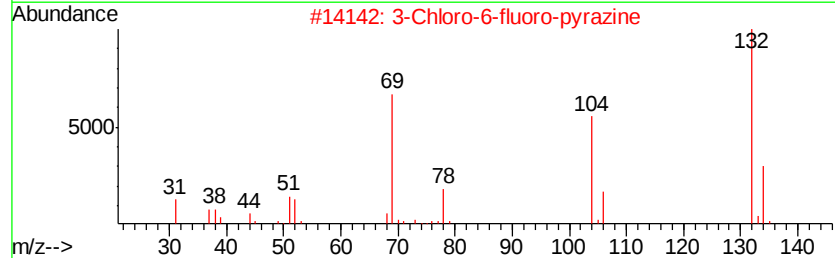
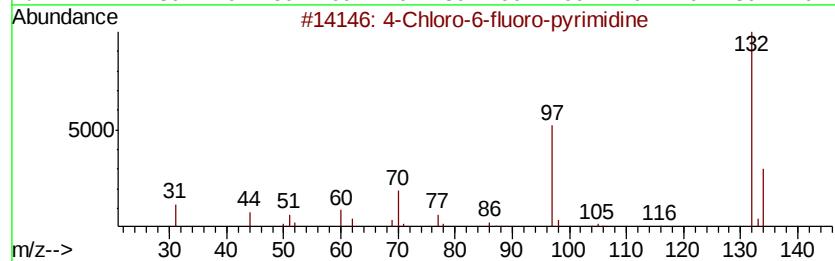
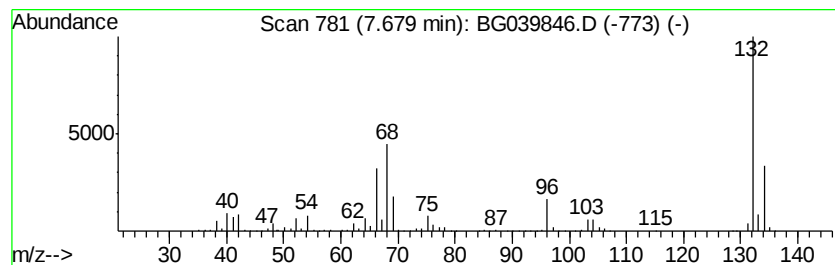
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Peak Number 3 unknown7.68 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.68	109.78 ng	1589780	1,4-Dichlorobenzene-d4	8.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
2		3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
3		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
4		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	12
5		1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	12



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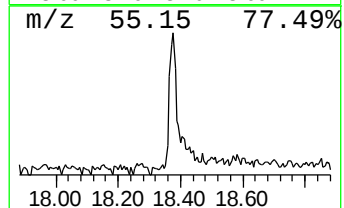
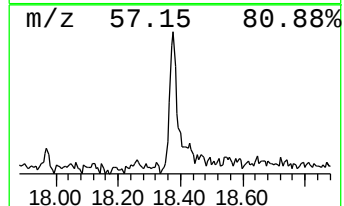
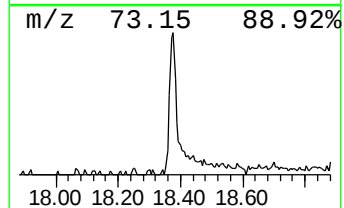
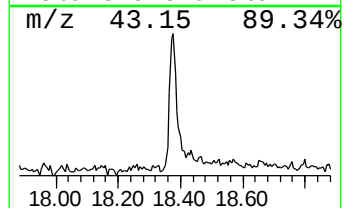
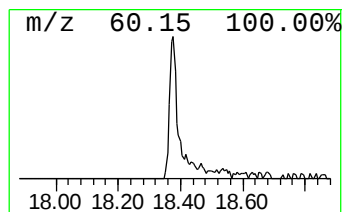
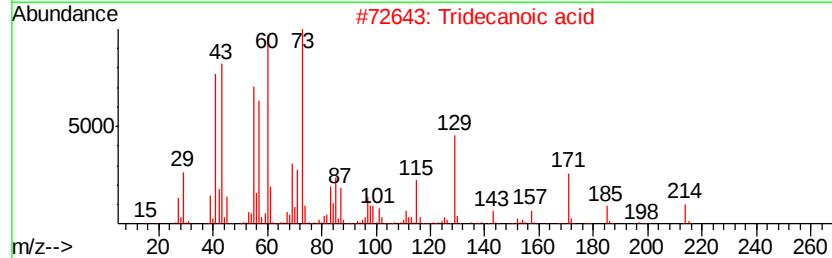
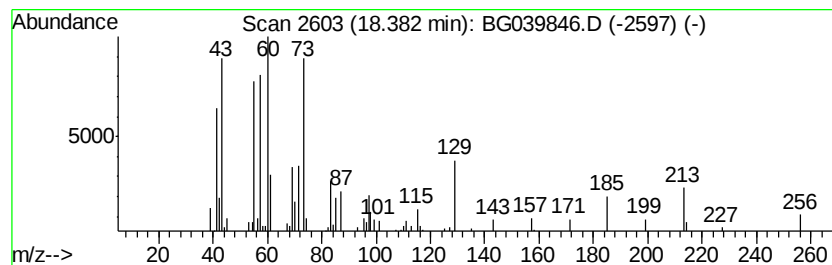
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Peak Number 5 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.38	2.75 ng	124407	Phenanthrene-d10	17.52	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
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	64



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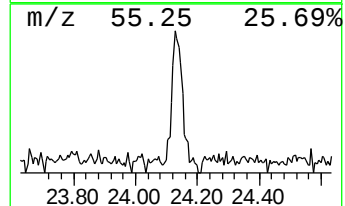
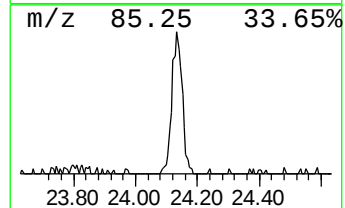
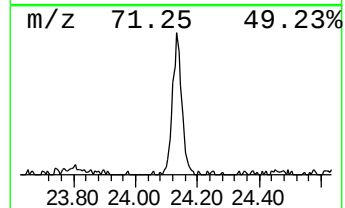
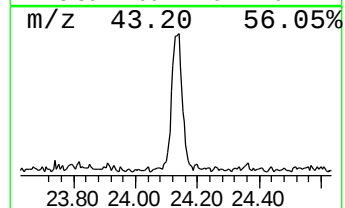
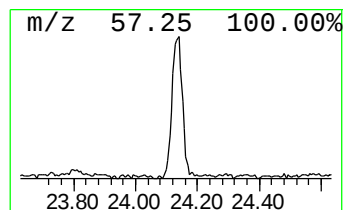
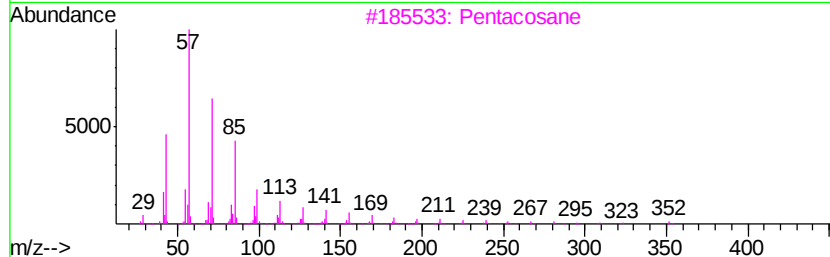
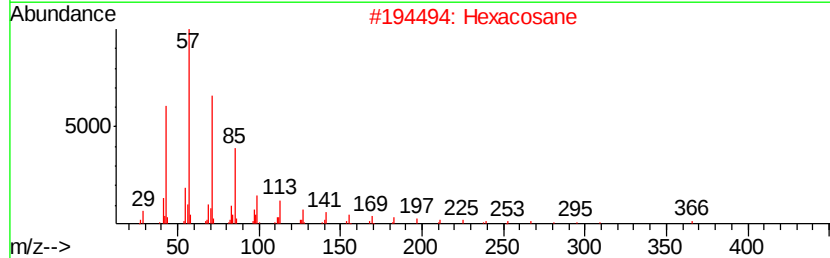
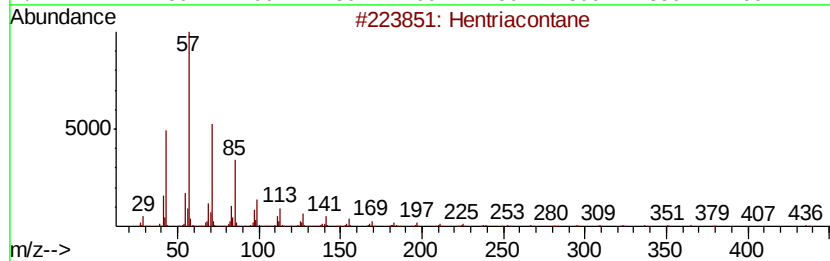
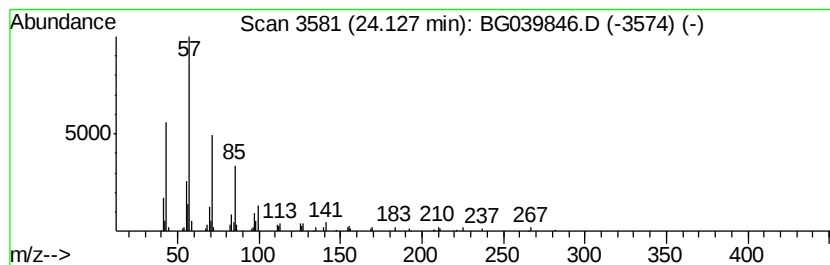
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Peak Number 6 Hentriacontane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.13	2.17 ng	124870	Perylene-d12	25.18

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hentriacontane		437	C31H64	000630-04-6	91
2	Hexacosane		366	C26H54	000630-01-3	91
3	Pentacosane		352	C25H52	000629-99-2	90
4	Docosane		310	C22H46	000629-97-0	90
5	Heptacosane		380	C27H56	000593-49-7	87



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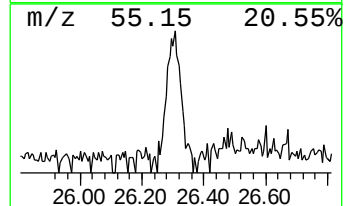
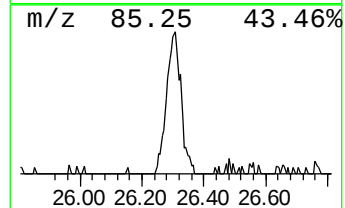
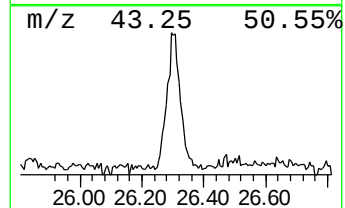
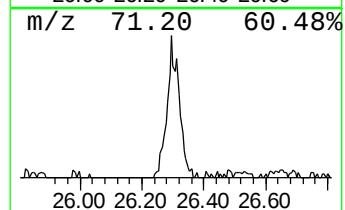
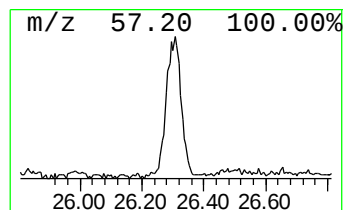
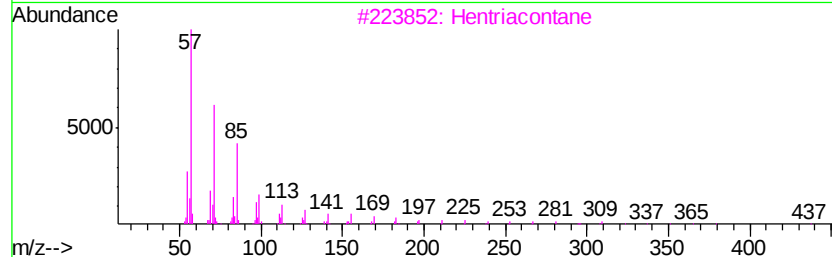
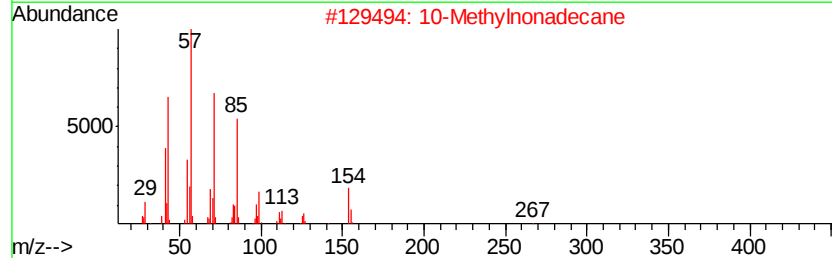
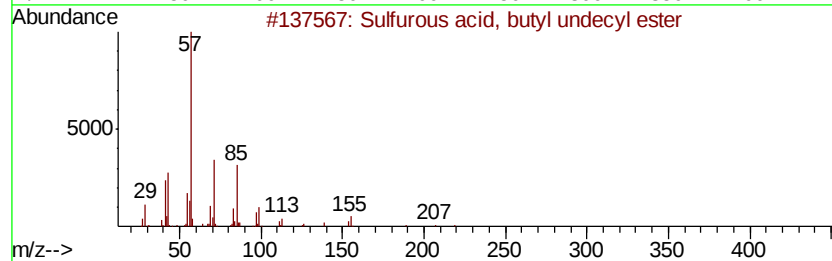
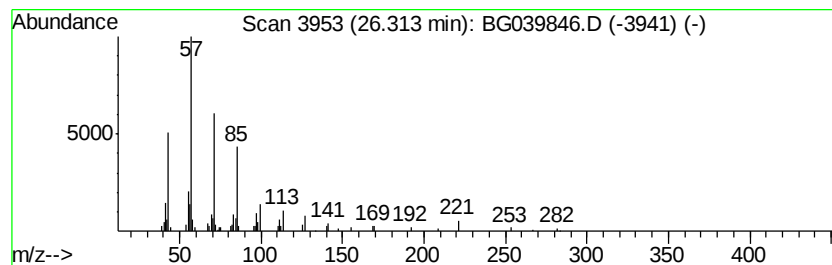
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Peak Number 7 Sulfurous acid, butyl undec... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.31	2.02 ng	115954	Perylene-d12	25.18

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Sulfurous acid, butyl undecyl ester	292	C15H32O3S	1000309-17-8	80
2		10-Methylnonadecane	282	C20H42	056862-62-5	74
3		Hentriacontane	437	C31H64	000630-04-6	68
4		Octacosane	394	C28H58	000630-02-4	68
5		Tetracosane	338	C24H50	000646-31-1	68



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2-methoxy...	3.28	5.5	ng	79990	1	8.15	289626	20.0
unknown7.68	7.68	109.8	ng	1589780	1	8.15	289626	20.0
n-Hexadecanoic acid	18.38	2.8	ng	124407	4	17.52	905026	20.0
Hentriacontane	24.13	2.2	ng	124870	6	25.18	1150730	20.0
Sulfurous acid, b...	26.31	2.0	ng	115954	6	25.18	1150730	20.0