

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090119\
 Data File : BM022483.D
 Acq On : 01 Sep 2019 18:49
 Operator : HP/JU
 Sample : K4555-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TW-14

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-BM082919.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	5.128	360	364	379	rBB	94300	158292	10.46%	3.289%
2	6.710	628	633	648	rBV	46605	93399	6.17%	1.941%
3	7.045	684	690	701	rBV	215765	352867	23.32%	7.332%
4	7.504	763	768	775	rBB	44573	65892	4.35%	1.369%
5	7.816	812	821	831	rBB	212833	340606	22.51%	7.077%
6	8.681	962	968	987	rBV	113162	241872	15.98%	5.026%
7	10.286	1235	1241	1251	rBV	38303	71931	4.75%	1.495%
8	12.774	1658	1664	1679	rBV	345402	562279	37.16%	11.683%
9	14.174	1897	1902	1912	rBB	63430	99449	6.57%	2.066%
10	14.951	2029	2034	2042	rBB4	15830	28467	1.88%	0.592%
11	15.686	2153	2159	2176	rBB	360738	581424	38.42%	12.081%
12	16.945	2368	2373	2388	rBV	73911	126302	8.35%	2.624%
13	19.586	2816	2822	2833	rBV	1203684	1513326	100.00%	31.445%
14	21.162	3085	3090	3101	rBV	158598	246054	16.26%	5.113%
15	22.144	3254	3257	3263	rVB2	19521	22513	1.49%	0.468%
16	22.627	3336	3339	3343	rVB2	31210	39049	2.58%	0.811%
17	23.162	3426	3430	3438	rVB3	31371	49091	3.24%	1.020%
18	23.344	3456	3461	3470	rVB	109532	219802	14.52%	4.567%

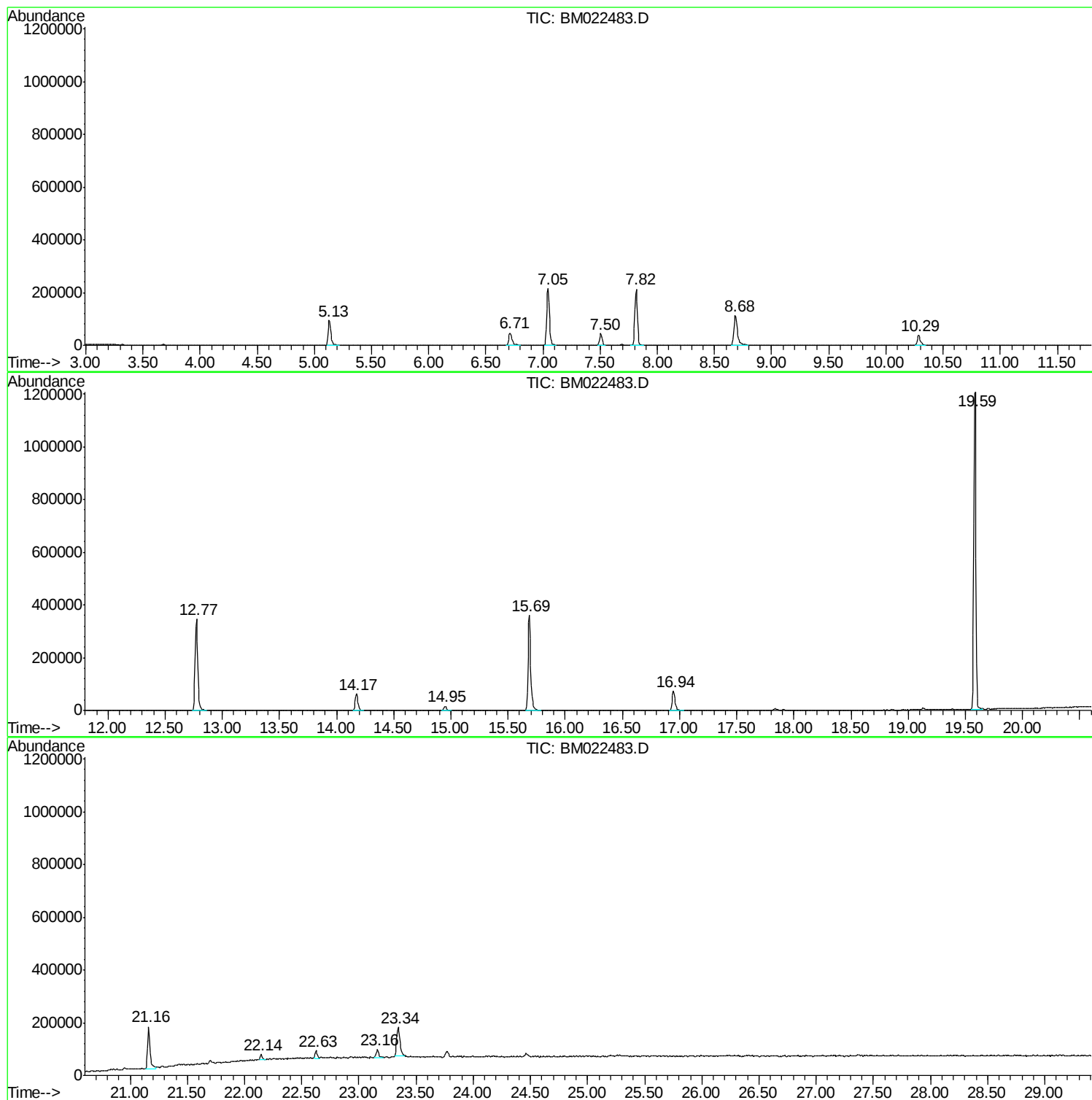
Sum of corrected areas: 4812615

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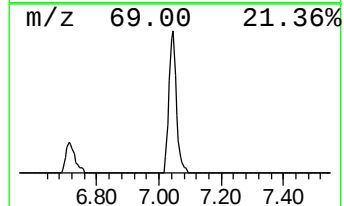
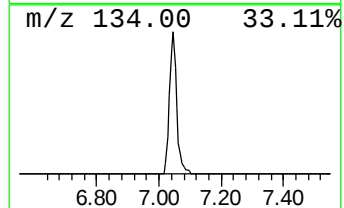
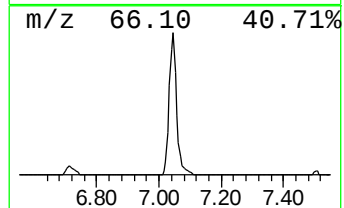
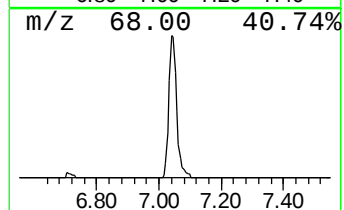
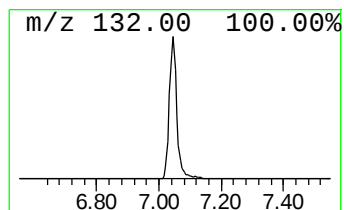
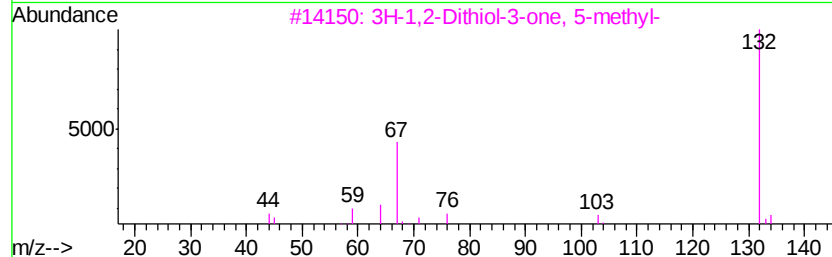
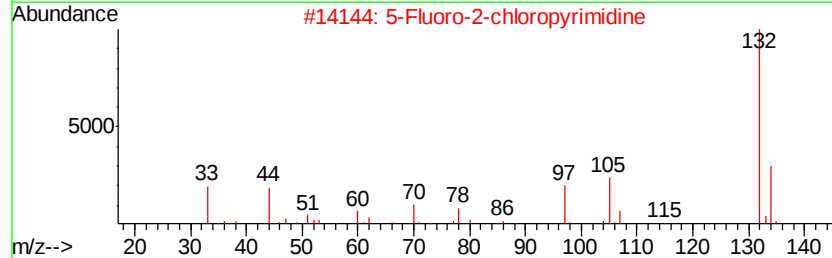
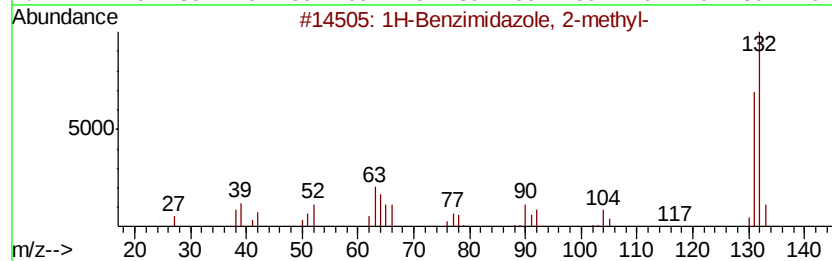
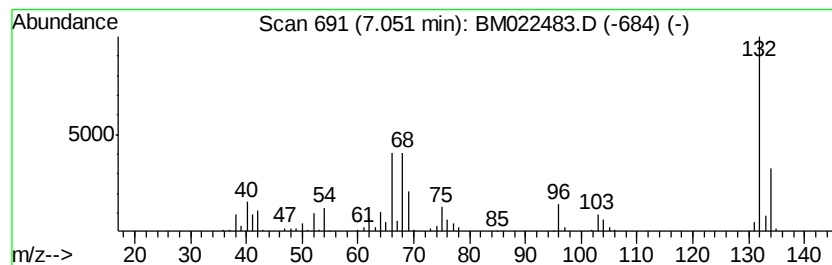
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 unknown7.05 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.05	107.11 ng	352867	1,4-Dichlorobenzene-d4	7.51

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	18
2		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	14
3		3H-1,2-Dithiol-3-one, 5-methyl-	132	C4H4OS2	003620-08-4	14
4		1,3,4-Thiadiazole-2(3H)-thione, ...	132	C3H4N2S2	029490-19-5	14
5		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	10



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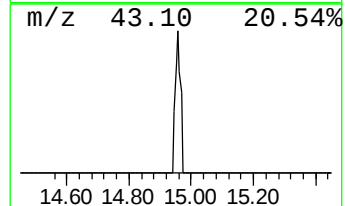
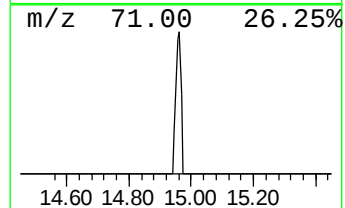
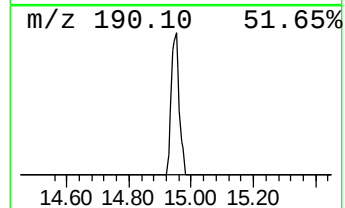
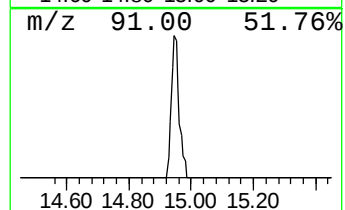
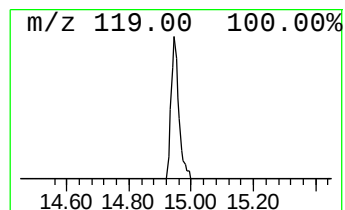
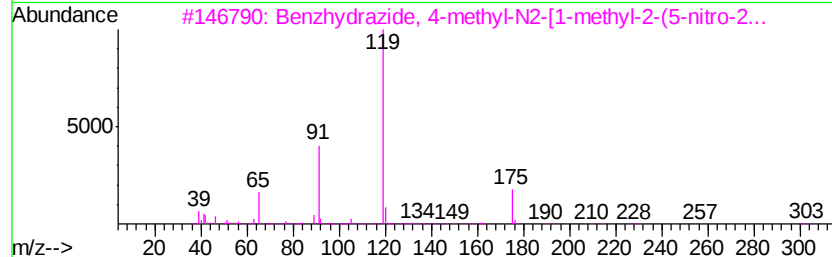
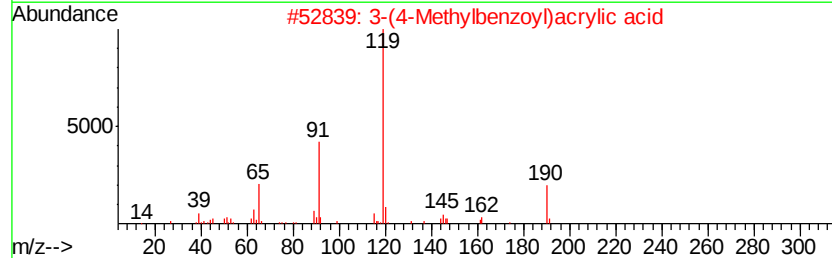
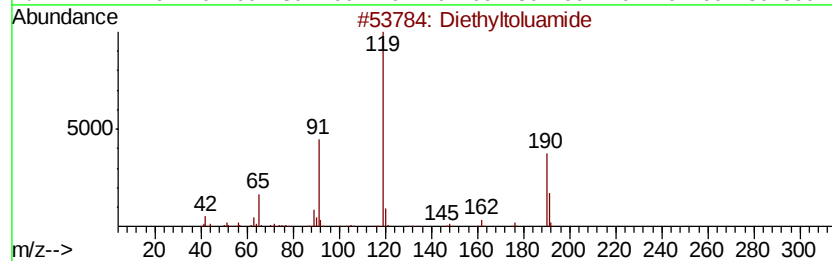
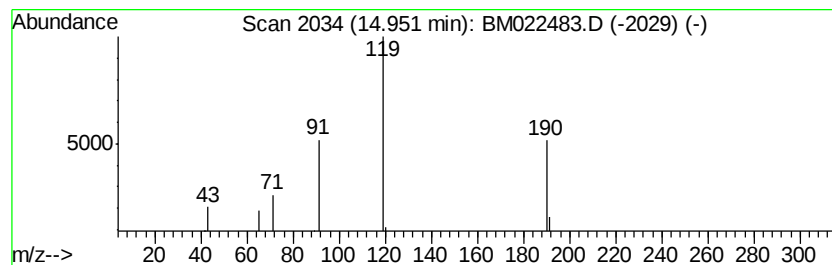
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Peak Number 3 Diethyltoluamide Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD		R.T.	
14.95	5.72 ng	28467	Acenaphthene-d10		14.17	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Diethyltoluamide	191	C12H17NO	000134-62-3	86
2		3-(4-Methylbenzovyl)acrylic acid	190	C11H10O3	020972-36-5	59
3		Benzhydrazide, 4-methyl-N2-[1-me...	303	C12H13N7O3	324021-25-2	47
4		Bicyclo[6.3.0]undeca-1,6-dien-3-...	190	C13H18O	1000164-02-3	42
5		1-Phenyl-2,4,5-trioxoimidazolidine	190	C9H6N2O3	002211-33-8	42



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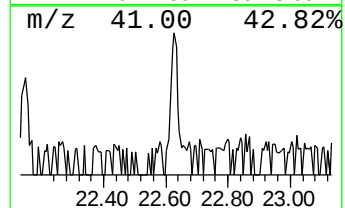
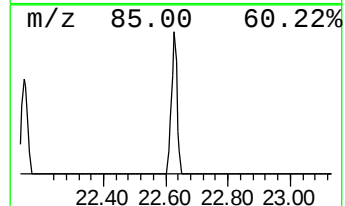
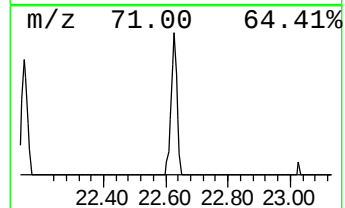
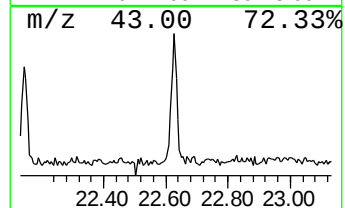
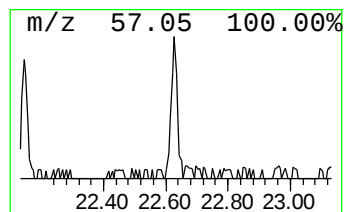
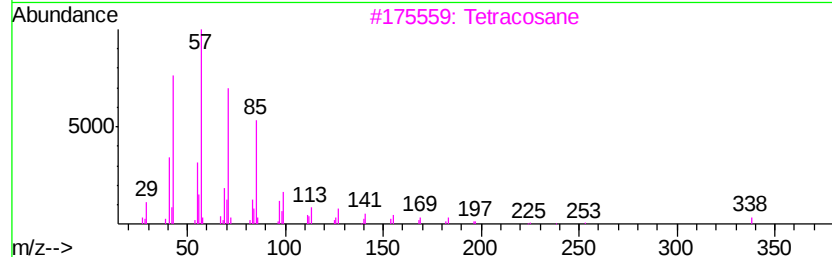
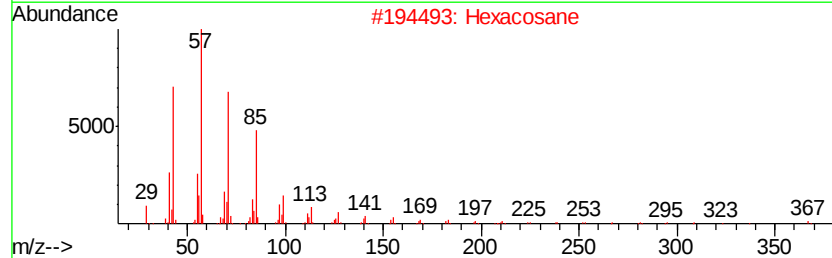
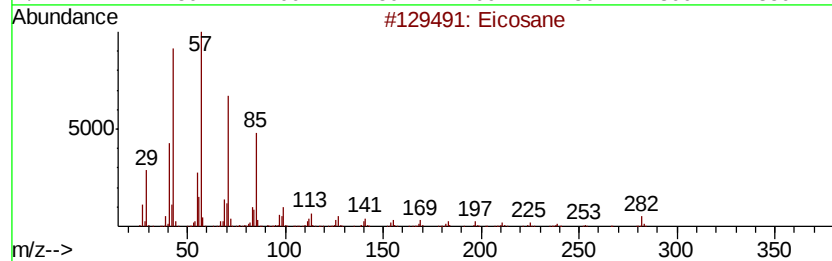
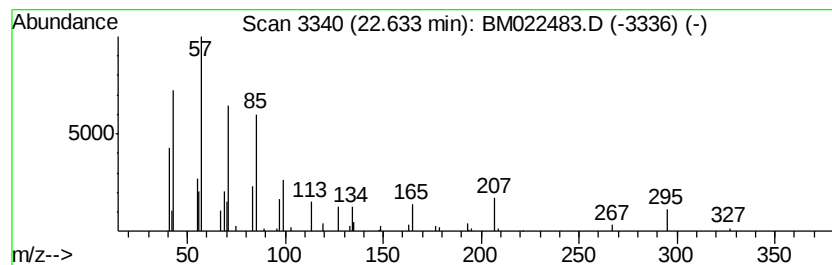
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Peak Number 4 Eicosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.63	3.55 ng	39049	Perylene-d12	23.34

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	58
2		Hexacosane	366	C26H54	000630-01-3	58
3		Tetracosane	338	C24H50	000646-31-1	58
4		Octadecane, 5,14-dibutyl-	366	C26H54	055282-13-8	53
5		Heneicosane	296	C21H44	000629-94-7	53



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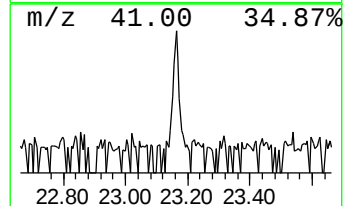
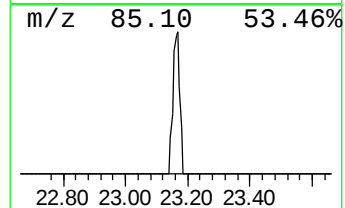
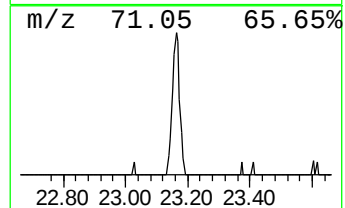
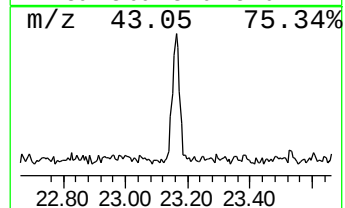
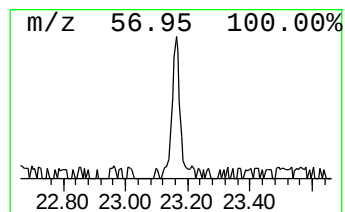
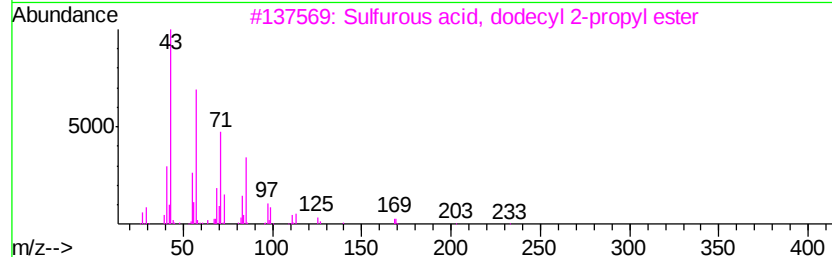
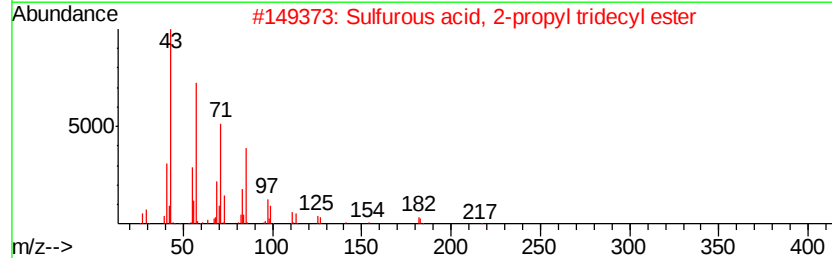
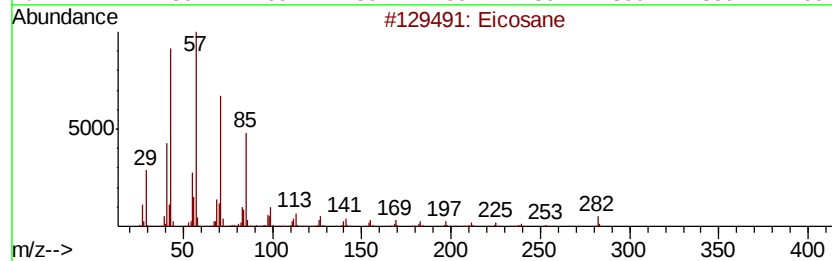
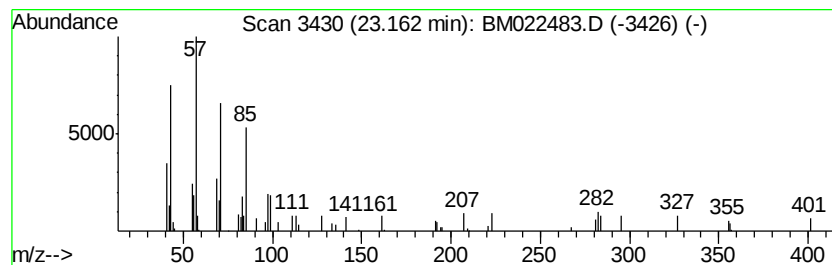
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Peak Number 5 Sulfurous acid, 2-propyl tr... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.16	4.47 ng	49091	Perylene-d12	23.34

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	64
2		Sulfurous acid, 2-propyl tridecy...	306	C16H34O3S	1000309-12-4	58
3		Sulfurous acid, dodecyl 2-propyl...	292	C15H32O3S	1000309-12-3	58
4		Tetratetracontane	619	C44H90	007098-22-8	58
5		Hexacosane	366	C26H54	000630-01-3	52



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
unknown7.05	7.05	107.1	ng	352867	1	7.51	65892	20.0
Diethyltoluamide	14.95	5.7	ng	28467	3	14.17	99449	20.0
Eicosane	22.63	3.5	ng	39049	6	23.34	219802	20.0
Sulfurous acid, 2...	23.16	4.5	ng	49091	6	23.34	219802	20.0