

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM033023\
 Data File : BM039242.D
 Acq On : 31 Mar 2023 00:37
 Operator : CG/JU
 Sample : 02023-05
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TP-13-TEST-PIT-ON-GRAVELLY

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-BM032923.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM039242.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.010	287	293	302	rVB	1474695	2009396	20.97%	3.697%
2	5.481	367	373	385	rBV	3566671	4972092	51.88%	9.149%
3	7.087	639	646	660	rBV	3222093	5079855	53.01%	9.347%
4	7.922	780	788	795	rBV	803685	1262853	13.18%	2.324%
5	9.092	979	987	1002	rBV	1931055	3253002	33.95%	5.986%
6	10.734	1256	1266	1277	rBV	1018309	1728224	18.03%	3.180%
7	13.192	1676	1684	1700	rBV	4767455	6785594	70.81%	12.485%
8	14.569	1910	1918	1927	rBV	1385465	2125983	22.18%	3.912%
9	15.927	2140	2149	2159	rBV	1270576	1749923	18.26%	3.220%
10	16.057	2163	2171	2189	rBV	3593960	5155999	53.80%	9.487%
11	16.486	2239	2244	2251	rVB	164971	218591	2.28%	0.402%
12	17.315	2378	2385	2397	rBV	1684737	2506595	26.16%	4.612%
13	18.210	2531	2537	2547	rBV	408713	692959	7.23%	1.275%
14	19.368	2731	2734	2740	rVB	112314	156558	1.63%	0.288%
15	19.486	2750	2754	2759	rBV	126743	206885	2.16%	0.381%
16	19.733	2793	2796	2805	rVB2	109061	192998	2.01%	0.355%
17	19.933	2825	2830	2845	rBV	7562223	9582995	100.00%	17.633%
18	21.203	3041	3046	3057	rBV2	669337	1151549	12.02%	2.119%
19	21.492	3091	3095	3100	rBV	2030638	2723259	28.42%	5.011%
20	23.909	3500	3506	3513	rVB2	1395043	2792501	29.14%	5.138%

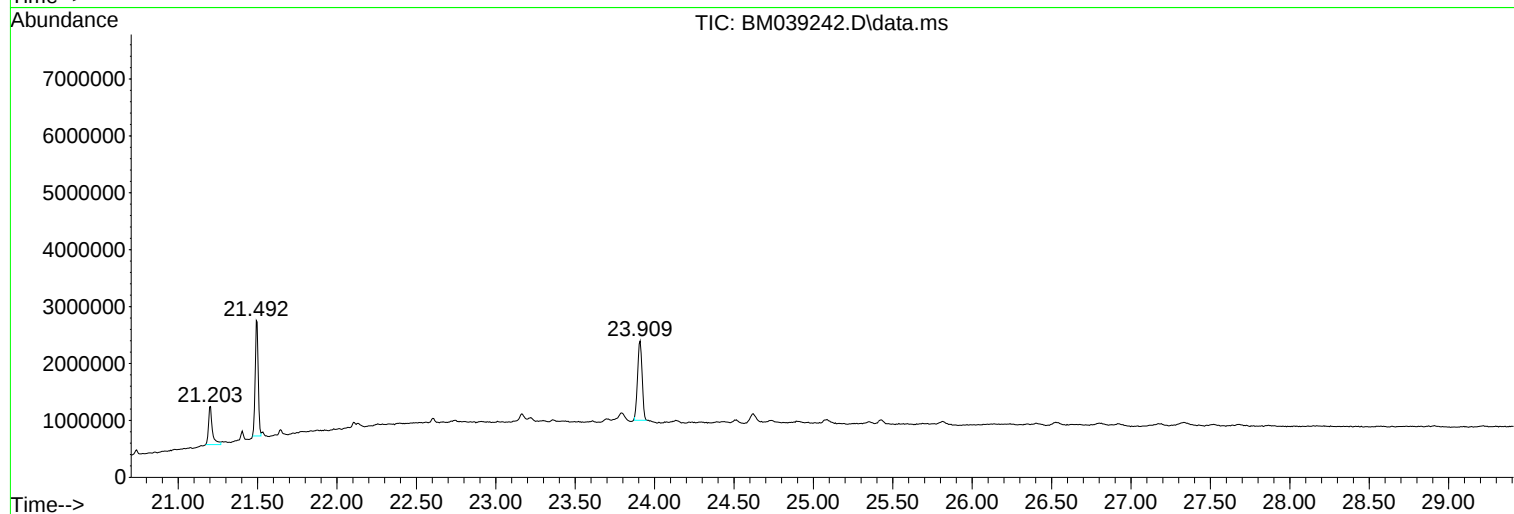
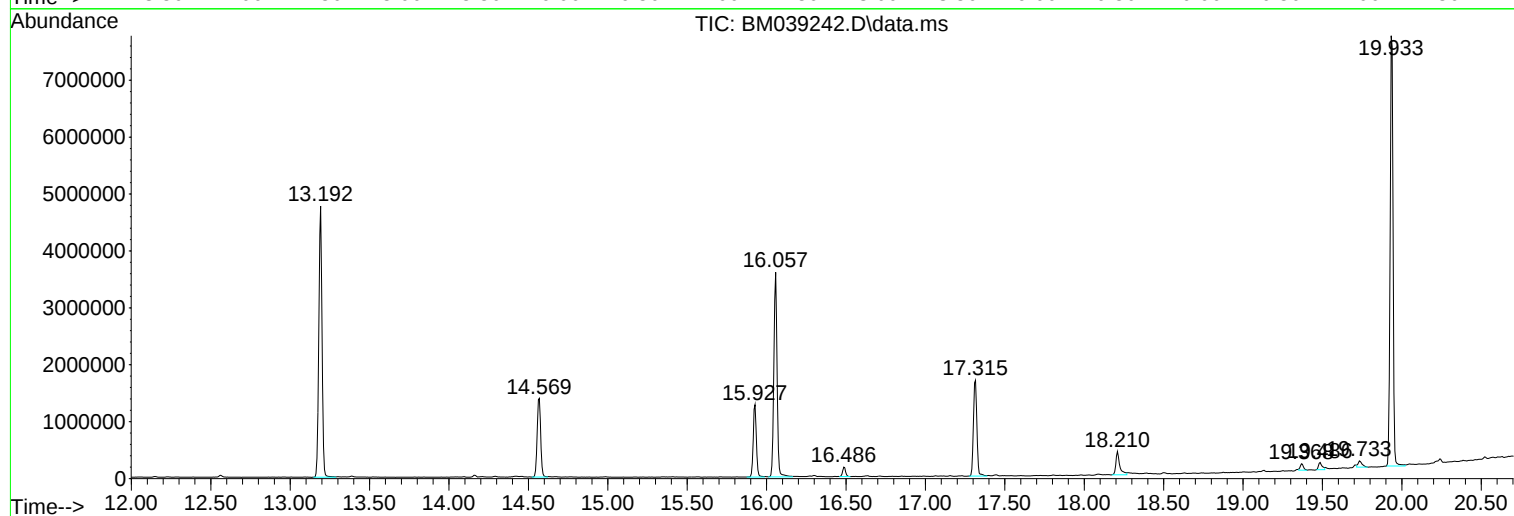
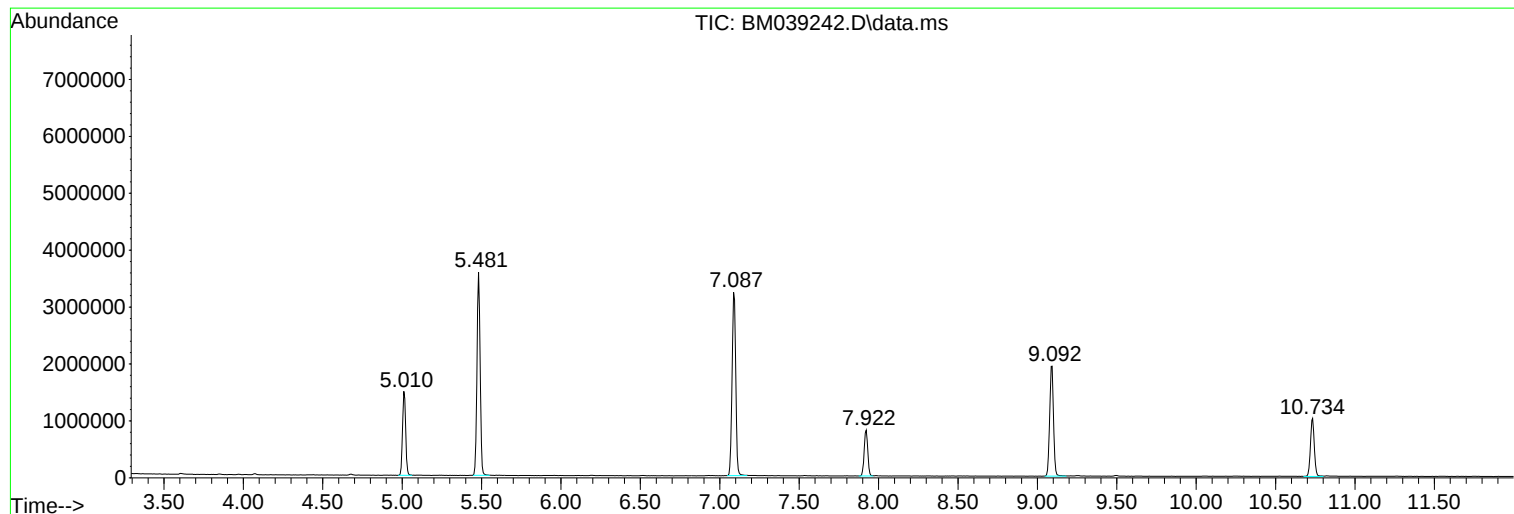
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



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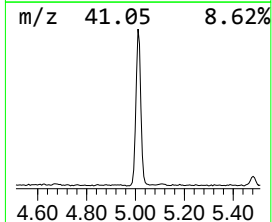
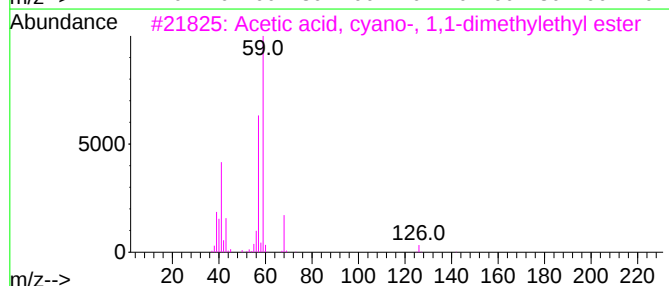
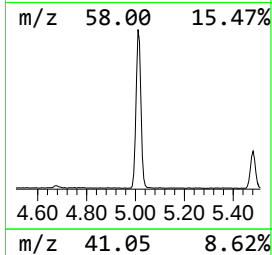
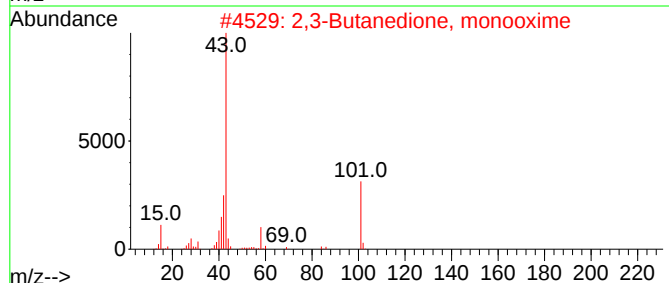
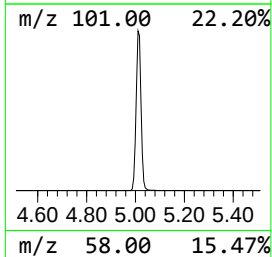
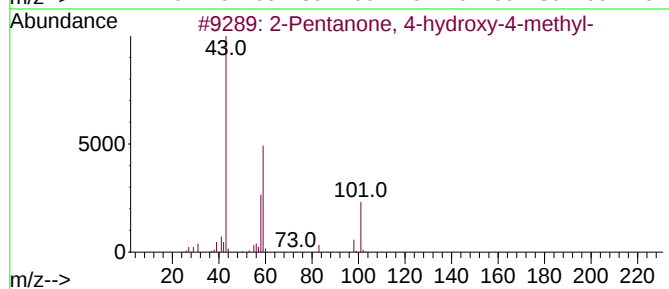
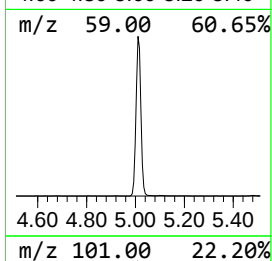
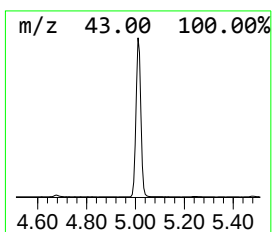
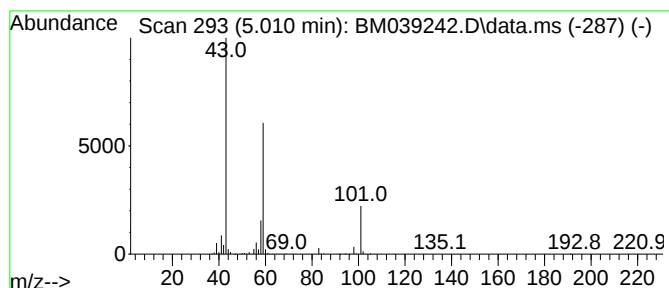
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM032923.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.010	31.82 ng	2009400	1,4-Dichlorobenzene-d4	7.922

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64		
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	17		
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17		
4	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10		
5	5-Hexen-2-one	98	C6H10O	000109-49-9	9		



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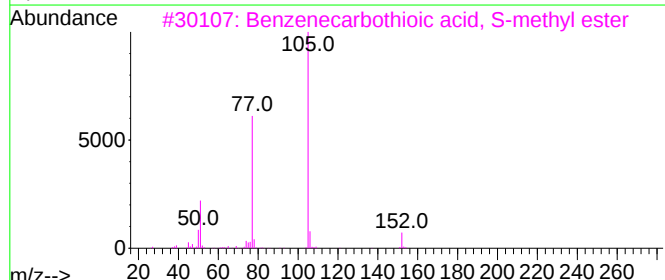
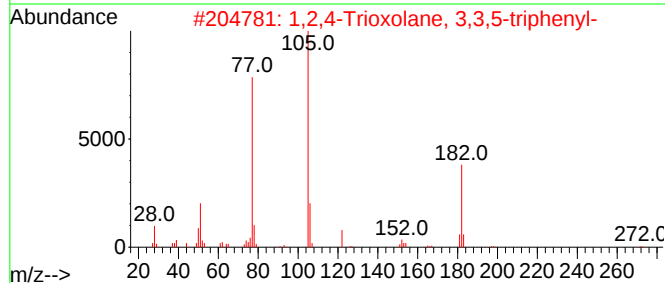
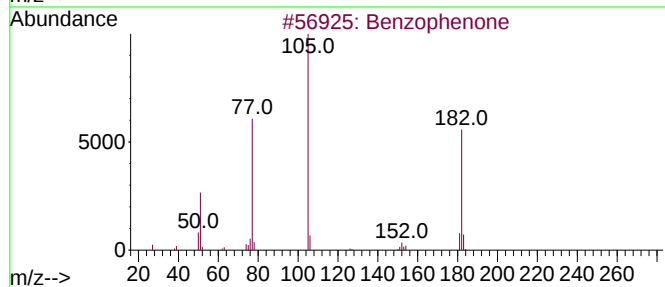
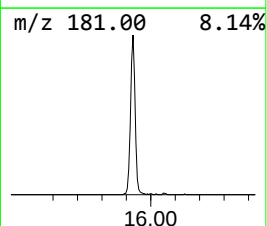
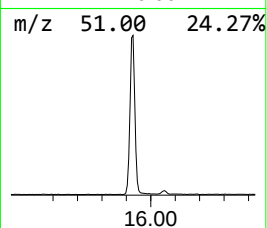
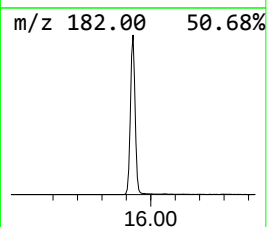
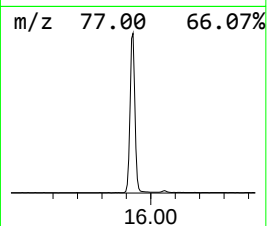
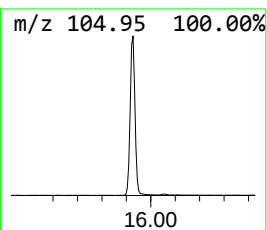
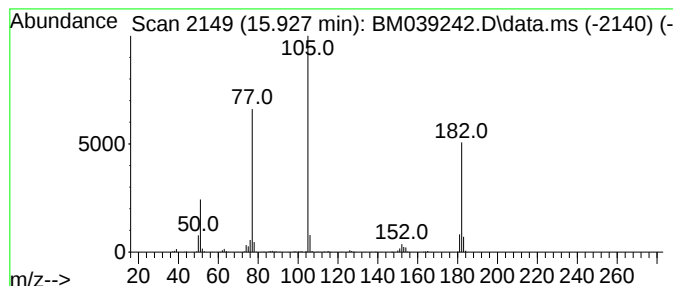
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Peak Number 2 Benzophenone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.927	16.46 ng	1749920	Acenaphthene-d10	14.569

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzophenone	182	C13H10O	000119-61-9	96
2			1,2,4-Trioxolane, 3,3,5-triphenyl-	304	C20H16O3	023246-12-0	72
3			Benzenecarbothioic acid, S-methy...	152	C8H8OS	005925-68-8	50
4			Acetophenone, 2-chloro-	154	C8H7ClO	000532-27-4	49
5			N-Methylbenzamide, N-trifluoroac...	231	C10H8F3NO2	1000446-91-5	47



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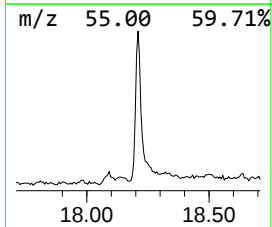
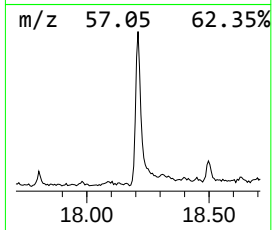
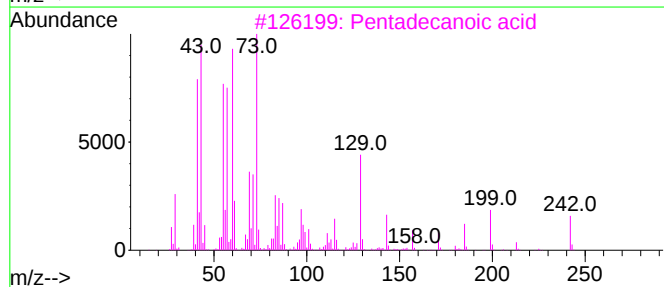
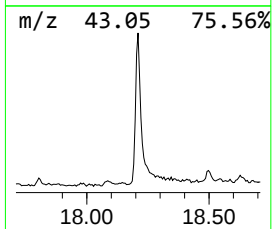
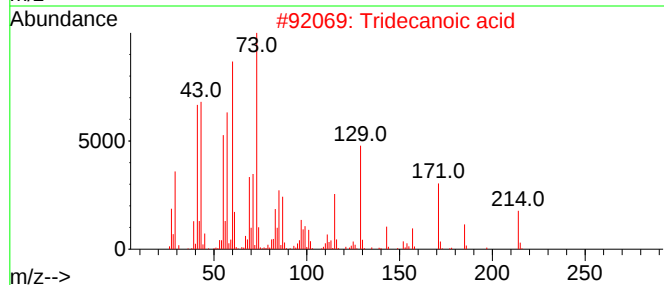
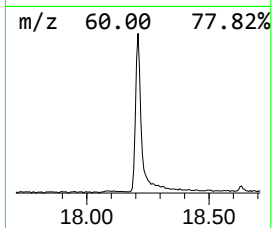
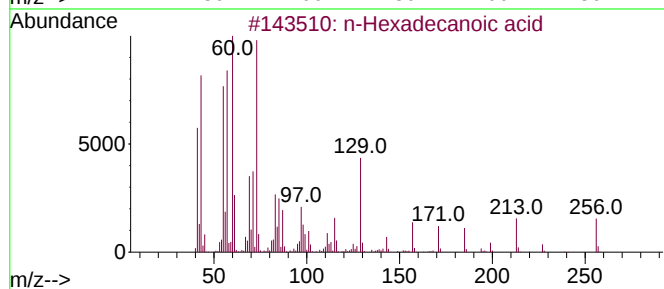
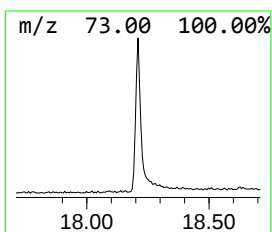
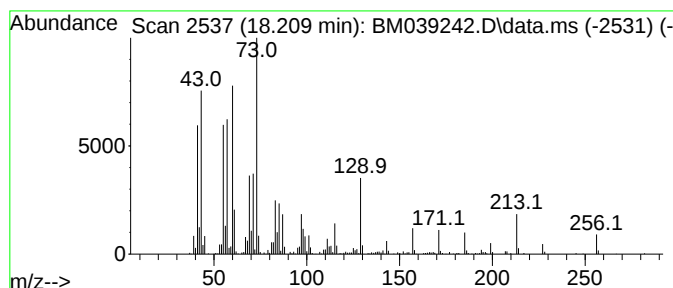
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Peak Number 3 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.209	5.53 ng	692959	Phenanthrene-d10	17.315	
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	94
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
5	n-Decanoic acid	172	C10H20O2	000334-48-5	50



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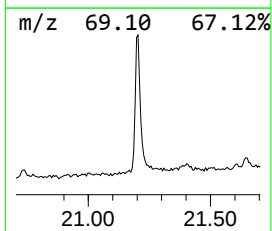
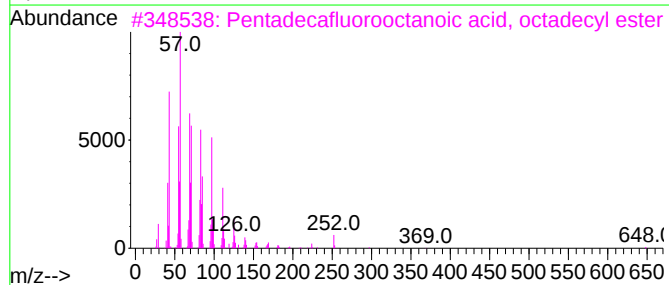
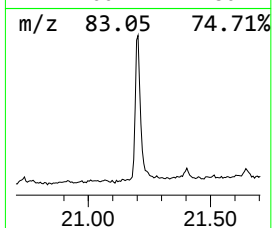
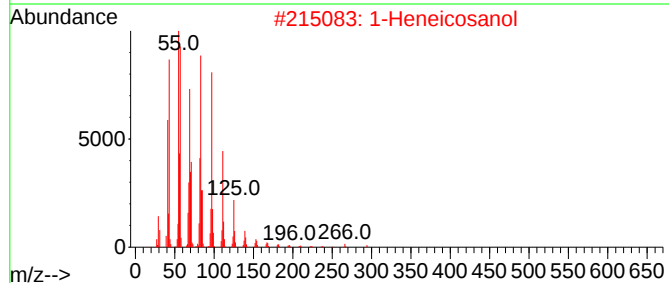
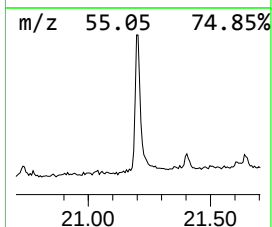
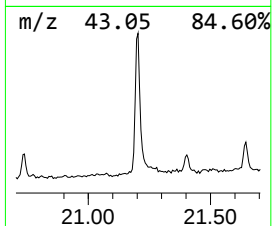
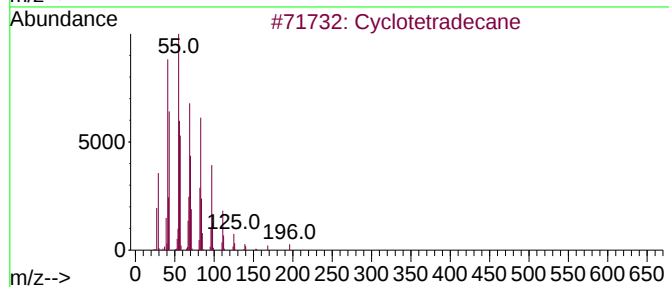
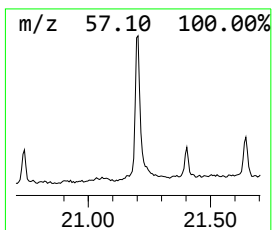
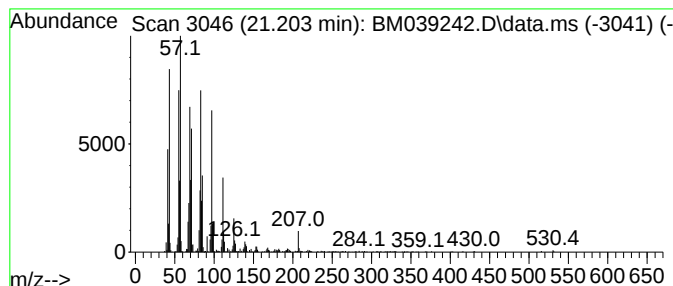
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Peak Number 4 Cyclotetradecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.203	8.46 ng	1151550	Chrysene-d12	21.492

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclotetradecane	196	C14H28	000295-17-0	95
2			1-Heneicosanol	312	C21H44O	015594-90-8	93
3			Pentadecafluorooctanoic acid, oc...	666	C26H37F15O2	1000406-04-8	93
4			Nonadecyl trifluoroacetate	380	C21H39F3O2	1000351-76-3	90
5			Pentafluoropropionic acid, octad...	416	C21H37F5O2	959261-25-7	90



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-...	5.010	31.8	ng	2009400	1	7.922	1262850	20.0
Benzophenone	15.927	16.5	ng	1749920	3	14.569	2125980	20.0
n-Hexadecanoic ...	18.209	5.5	ng	692959	4	17.315	2506600	20.0
Cyclotetradecane	21.203	8.5	ng	1151550	5	21.492	2723260	20.0