

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050925\
 Data File : BP024596.D
 Acq On : 09 May 2025 18:29
 Operator : RC/JU
 Sample : Q1983-25
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 OR-636-COMP-05

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_P\Methods\8270E-BP041425.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP024596.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.870	297	303	317	rBV	139292	209441	4.36%	0.802%
2	5.328	374	381	400	rBV	1545701	2388901	49.69%	9.144%
3	6.887	639	646	677	rBV	1345611	2459156	51.15%	9.413%
4	7.699	776	784	793	rBV	407655	636974	13.25%	2.438%
5	8.846	971	979	1002	rBV	849129	1519176	31.60%	5.815%
6	10.469	1248	1255	1269	rBV	430712	820286	17.06%	3.140%
7	12.940	1667	1675	1696	rBV	1992375	3182969	66.21%	12.183%
8	14.328	1904	1911	1927	rBV	606716	979004	20.36%	3.747%
9	15.722	2141	2148	2163	rBV	274922	448319	9.33%	1.716%
10	15.845	2163	2169	2191	rBV	1653632	2764347	57.50%	10.581%
11	17.134	2381	2388	2401	rBV2	652051	1160026	24.13%	4.440%
12	18.063	2540	2546	2563	rBV	263177	492488	10.24%	1.885%
13	18.510	2618	2622	2627	rBV2	40125	50391	1.05%	0.193%
14	19.263	2745	2750	2756	rBV	37300	69727	1.45%	0.267%
15	19.392	2768	2772	2783	rBV3	88942	157423	3.27%	0.603%
16	19.639	2810	2814	2817	rBV	32251	49014	1.02%	0.188%
17	19.851	2844	2850	2860	rBV	3798911	4807589	100.00%	18.401%
18	21.233	3080	3085	3097	rBV5	95088	278265	5.79%	1.065%
19	21.563	3135	3141	3156	rBV	918697	1695015	35.26%	6.488%
20	24.886	3697	3706	3721	rVB	722992	1957650	40.72%	7.493%

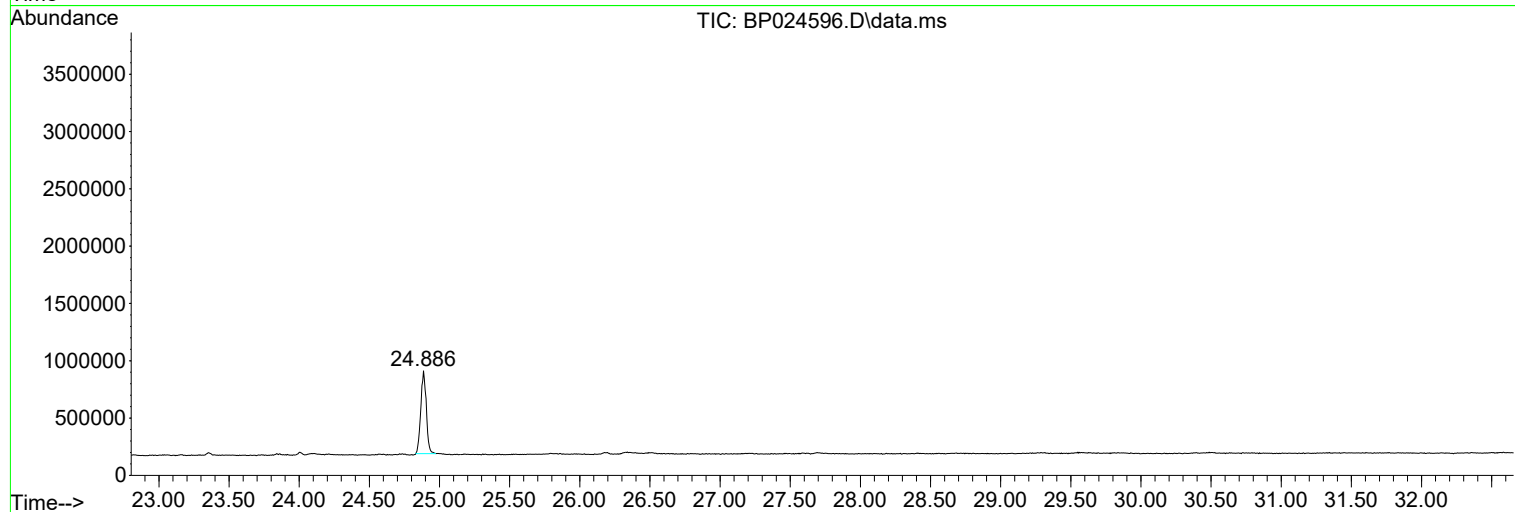
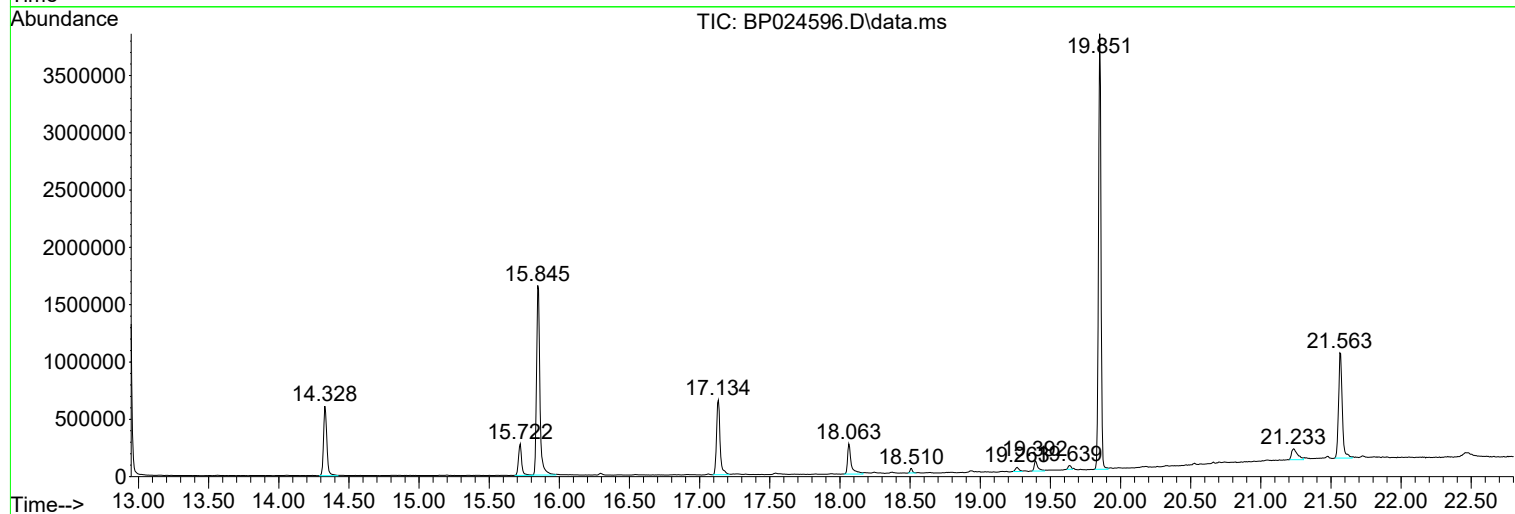
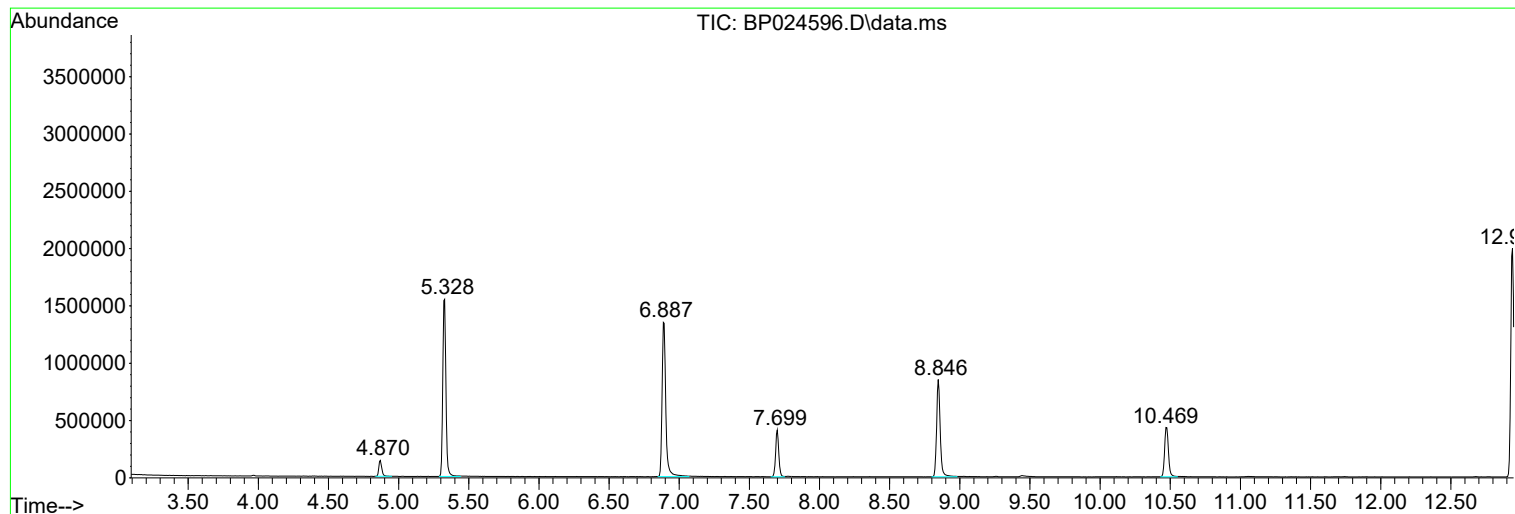
Sum of corrected areas: 26126161

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



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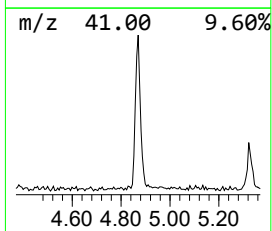
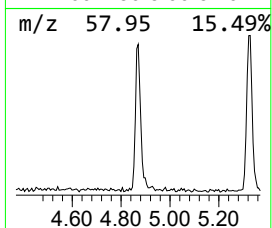
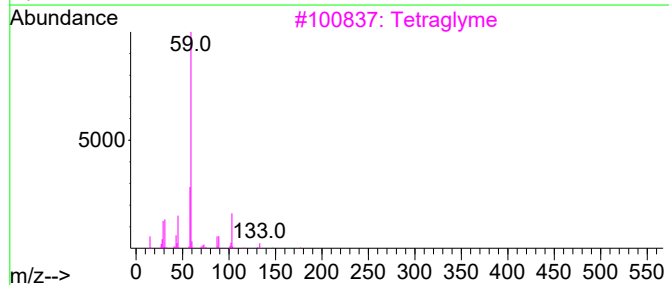
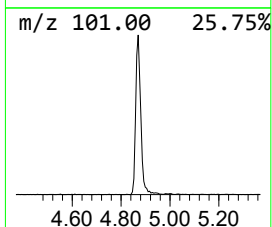
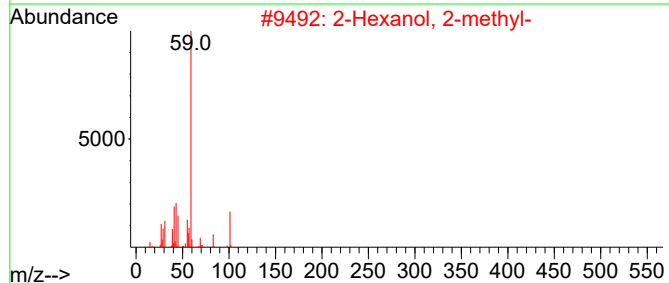
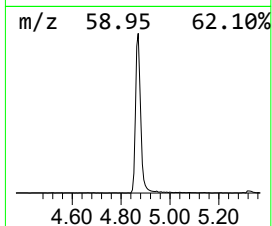
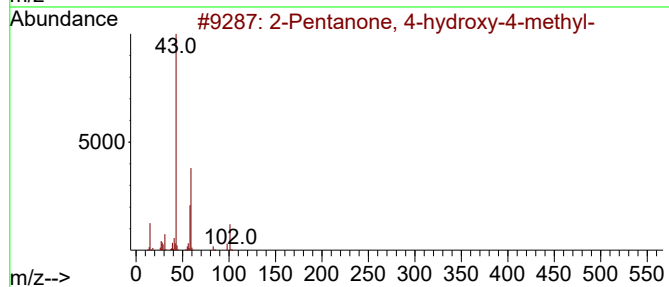
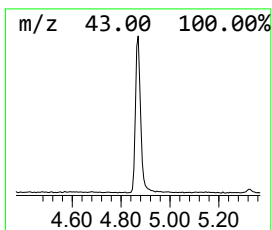
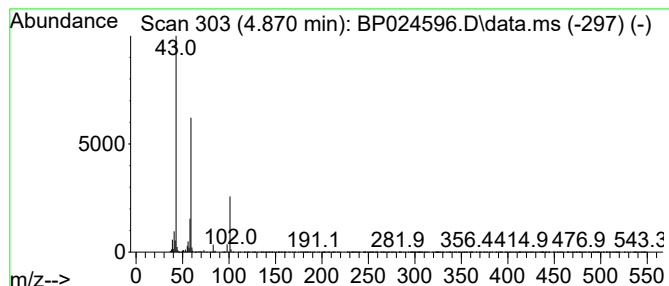
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.870	6.58 ng	209441	1,4-Dichlorobenzene-d4	7.699

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56		
2	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	38		
3	Tetraglyme	222	C10H22O5	000143-24-8	32		
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25		
5	2,5,8,11-Tetraoxadodecane	178	C8H18O4	000112-49-2	17		



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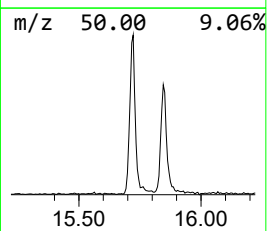
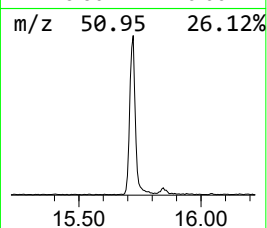
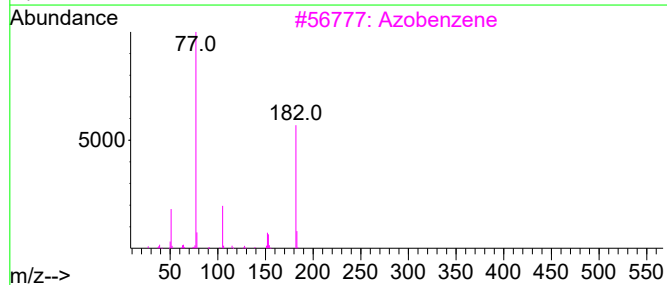
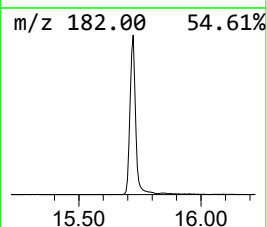
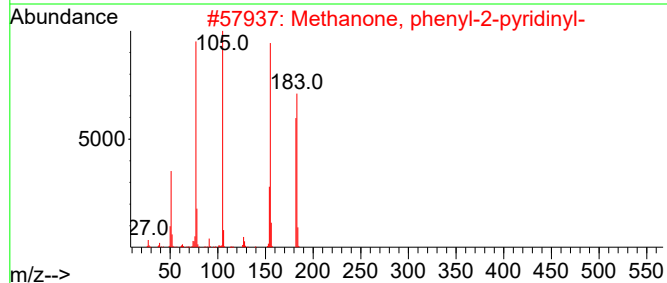
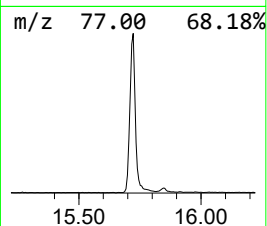
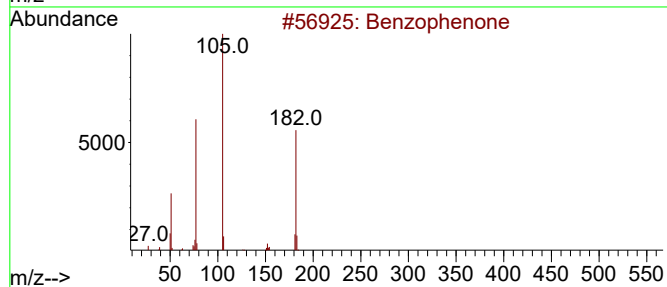
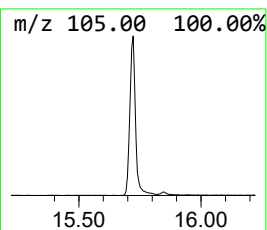
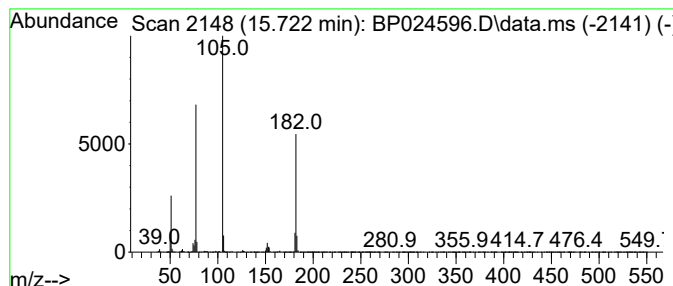
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Peak Number 2 Benzophenone Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.722	9.16 ng	448319	Acenaphthene-d10	14.328

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzophenone	182	C13H10O	000119-61-9	96
2			Methanone, phenyl-2-pyridinyl-	183	C12H9NO	000091-02-1	78
3			Azobenzene	182	C12H10N2	000103-33-3	64
4			1,2,4,5-Tetroxane, 3,3,6,6-tetra...	396	C26H20O4	016204-36-7	64
5			Benzoic acid, 2-benzoyl-	226	C14H10O3	000085-52-9	50



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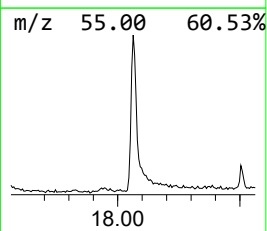
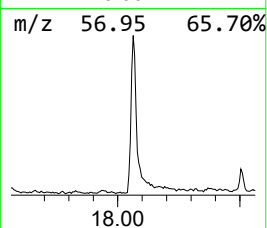
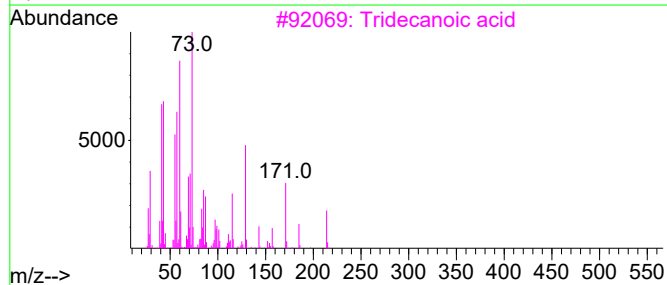
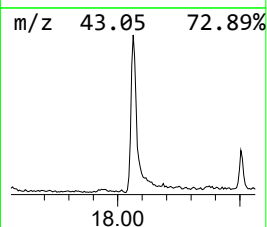
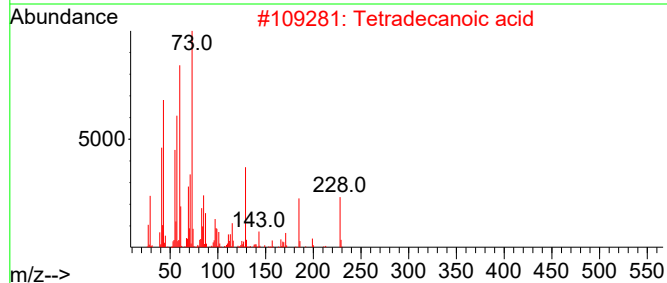
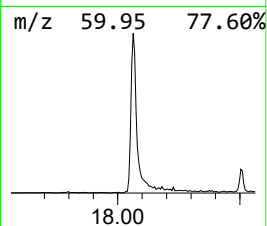
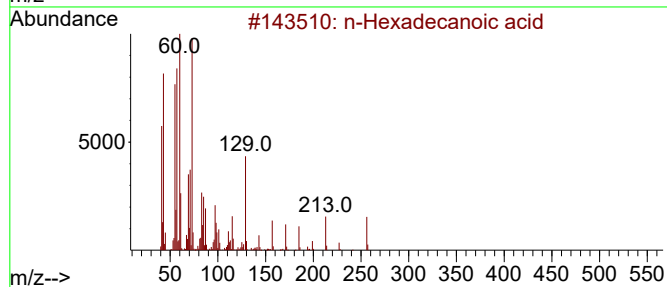
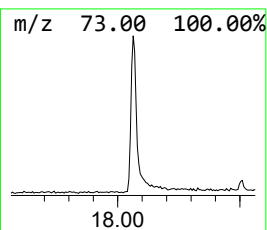
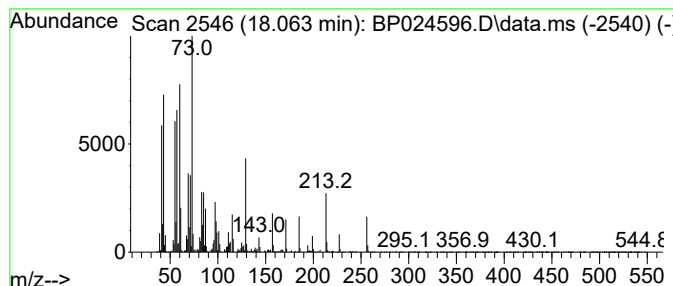
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Peak Number 3 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD		R.T.	
18.063	8.49 ng	492488	Phenanthrene-d10		17.134	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid		256	C16H32O2	000057-10-3	99
2	Tetradecanoic acid		228	C14H28O2	000544-63-8	93
3	Tridecanoic acid		214	C13H26O2	000638-53-9	90
4	Pentadecanoic acid		242	C15H30O2	001002-84-2	83
5	n-Decanoic acid		172	C10H20O2	000334-48-5	58



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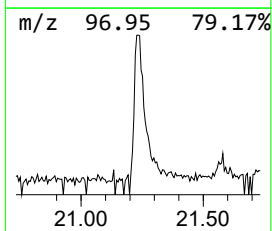
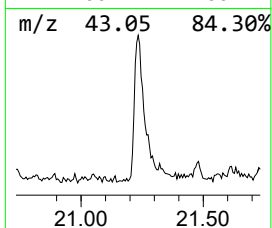
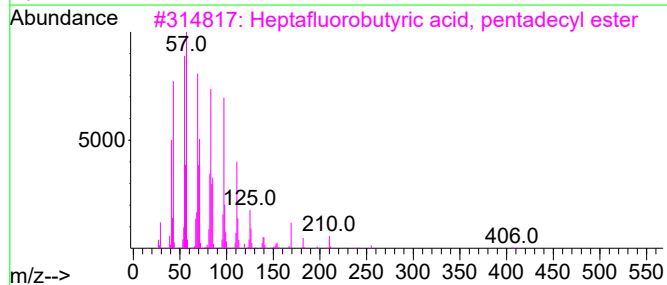
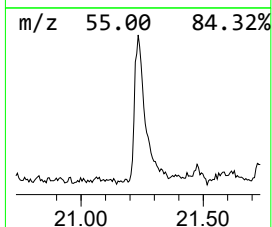
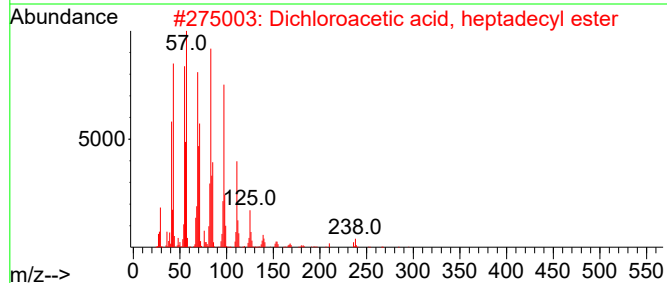
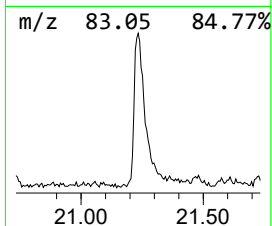
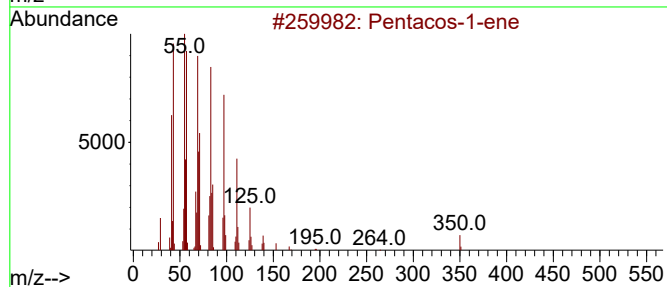
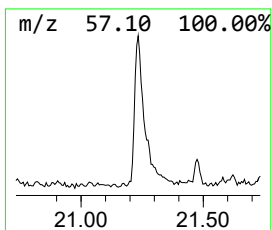
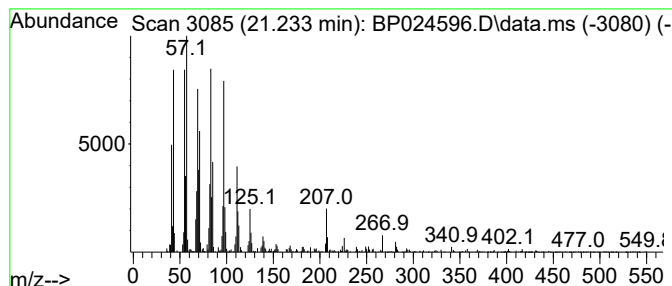
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Peak Number 4 Pentacos-1-ene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.233	3.28 ng	278265	Chrysene-d12	21.563

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentacos-1-ene	350	C25H50	016980-85-1	94
2			Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	93
3			Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	93
4			n-Tetracosanol-1	354	C24H50O	000506-51-4	91
5			Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	91



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-...	4.870	6.6	ng	209441	1	7.699	636974	20.0
Benzophenone	15.722	9.2	ng	448319	3	14.328	979004	20.0
n-Hexadecanoic ...	18.063	8.5	ng	492488	4	17.134	1160030	20.0
Pentacos-1-ene	21.233	3.3	ng	278265	5	21.563	1695020	20.0