

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051425\
 Data File : BF142364.D
 Acq On : 14 May 2025 14:23
 Operator : RC/JU
 Sample : Q1982-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-1

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_F\Methods\8270-BF050525.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF142364.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.110	487	496	503	rBV	230707	342761	6.92%	1.099%
2	5.510	557	564	569	rBV	2221403	3039391	61.32%	9.749%
3	6.516	728	735	740	rBV	2347887	3154534	63.64%	10.118%
4	6.898	795	800	805	rBV	830738	993933	20.05%	3.188%
5	7.457	889	895	900	rBV	1581446	2012071	40.59%	6.454%
6	7.710	934	938	944	rVB	45105	54343	1.10%	0.174%
7	8.181	1013	1018	1023	rBV	1076096	1330468	26.84%	4.267%
8	9.257	1195	1201	1206	rBV	3165324	3972067	80.14%	12.740%
9	9.933	1311	1316	1322	rBV	1210374	1560470	31.48%	5.005%
10	10.651	1432	1438	1443	rBV	504294	628002	12.67%	2.014%
11	10.722	1445	1450	1461	rVV	2129711	2730745	55.09%	8.759%
12	11.422	1564	1569	1576	rBV	1404403	1767145	35.65%	5.668%
13	11.951	1652	1659	1672	rBV	528236	848359	17.12%	2.721%
14	12.204	1697	1702	1709	rVB3	42397	57993	1.17%	0.186%
15	12.733	1787	1792	1805	rBV	122428	216839	4.37%	0.696%
16	13.010	1833	1839	1844	rBV	3765198	4956547	100.00%	15.898%
17	13.904	1986	1991	2011	rBV	200242	381637	7.70%	1.224%
18	14.063	2012	2018	2025	rBV	1287192	1675689	33.81%	5.375%
19	14.157	2030	2034	2042	rVB	52374	99192	2.00%	0.318%
20	15.551	2265	2271	2286	rBV	840443	1355005	27.34%	4.346%

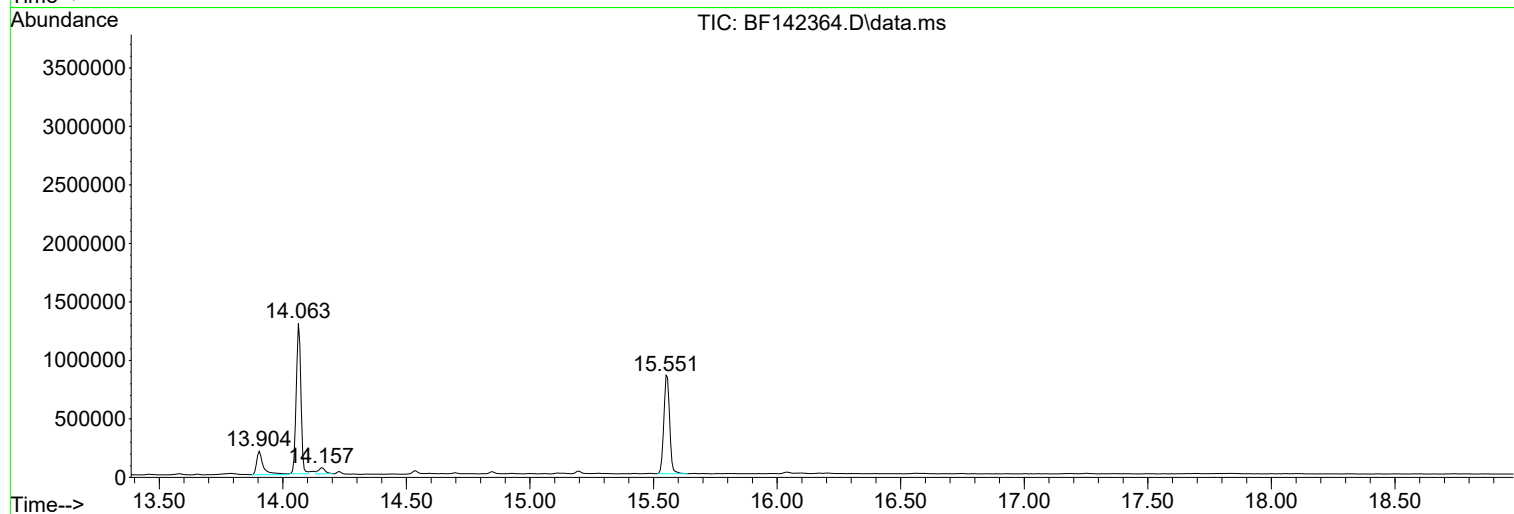
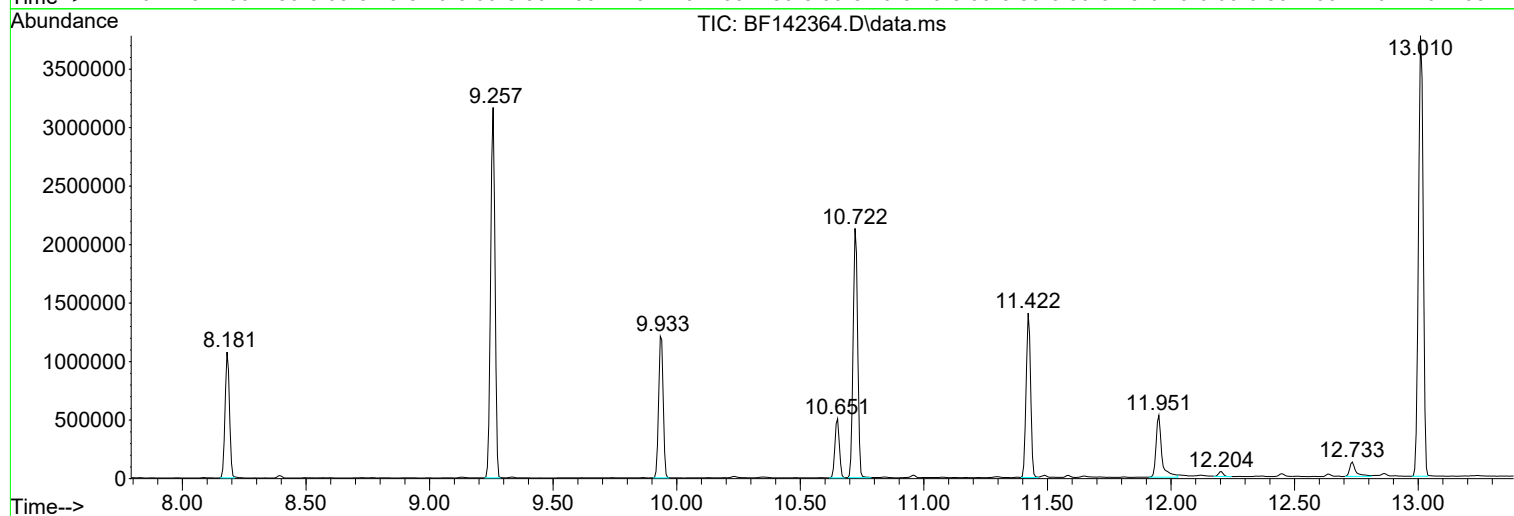
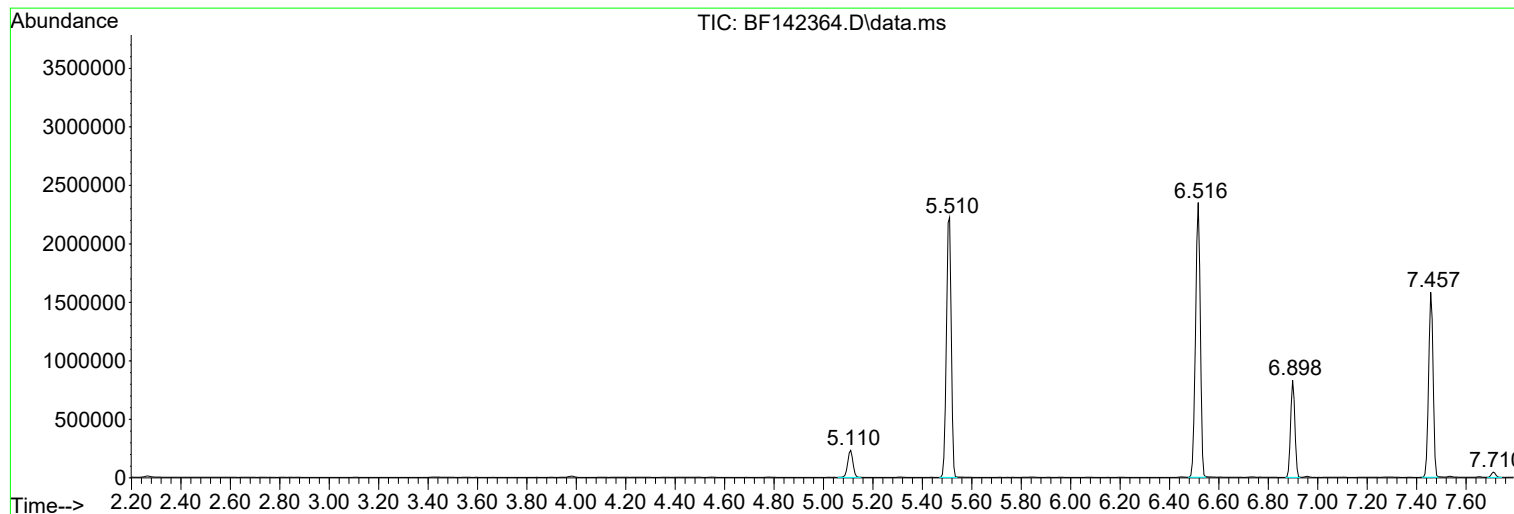
Sum of corrected areas: 31177191

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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Data File : BF142364.D
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Instrument :
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ClientSampleId :
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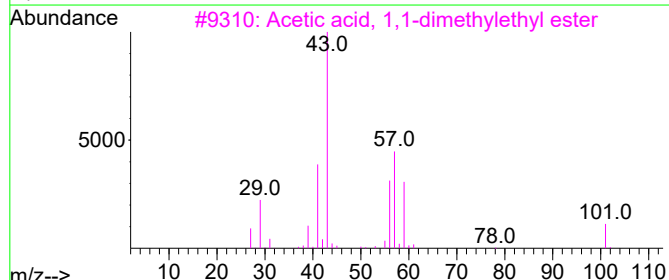
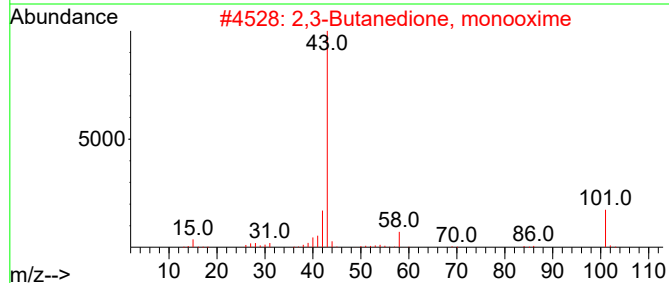
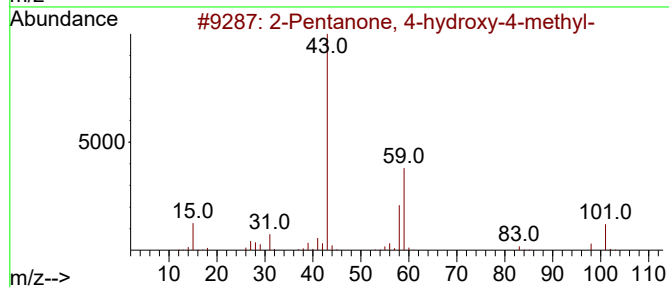
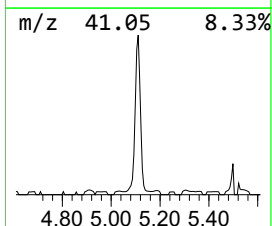
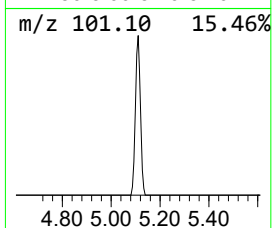
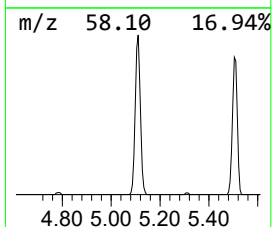
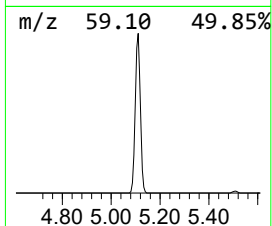
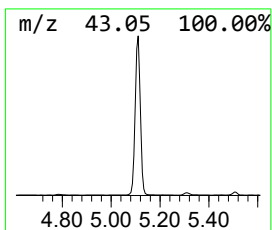
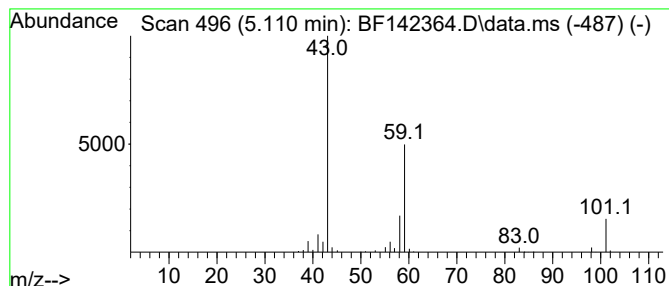
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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.
5.110	6.90 ng	342761	1,4-Dichlorobenzene-d4	6.898

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59		
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	27		
3	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	23		
4	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	12		
5	Acetone	58	C3H6O	000067-64-1	9		



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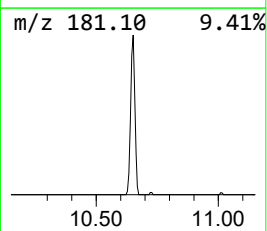
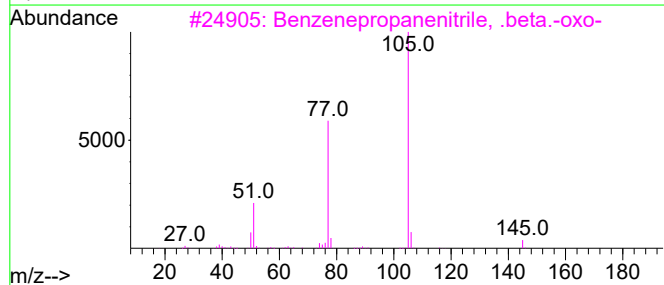
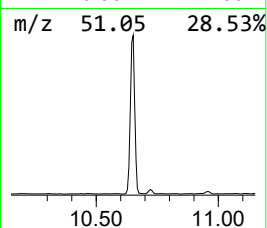
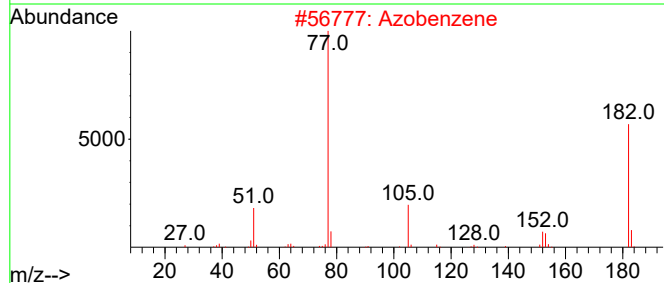
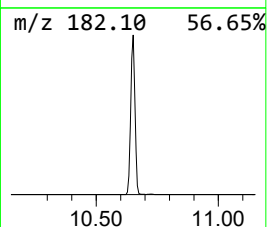
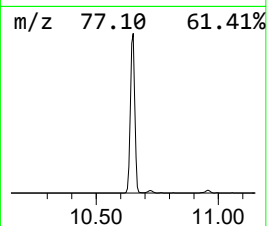
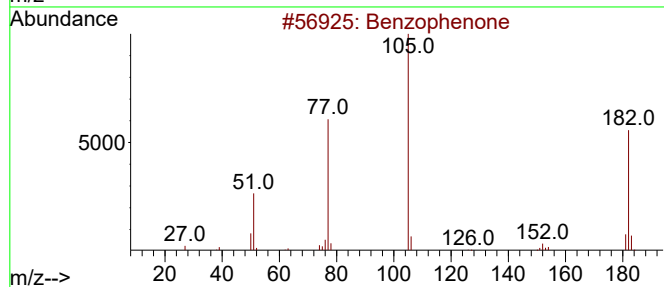
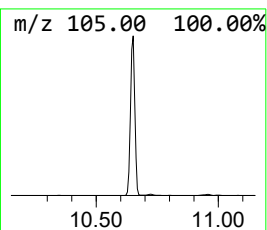
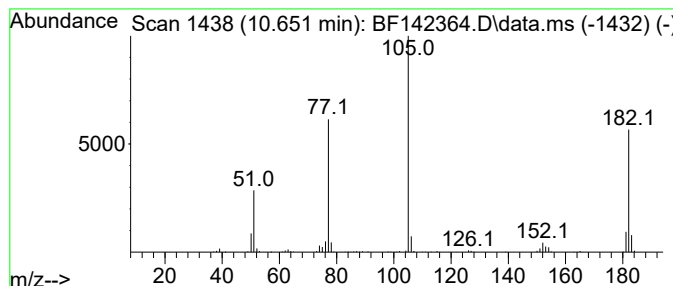
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TIC Library : C:\Database\NIST20.L
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Peak Number 2 Benzophenone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.651	8.05 ng	628002	Acenaphthene-d10	9.933

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzophenone	182	C13H10O	000119-61-9	96
2			Azobenzene	182	C12H10N2	000103-33-3	53
3			Benzenepropanenitrile, .beta.-oxo-	145	C9H7NO	000614-16-4	47
4			Benzenebutanoic acid, .gamma.-oxo-	178	C10H10O3	002051-95-8	47
5			N-Methoxy-N-methylbenzamide	165	C9H11NO2	006919-61-5	47



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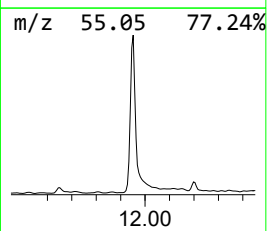
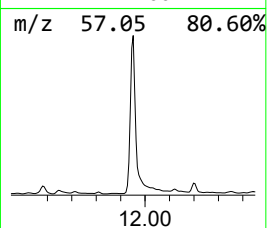
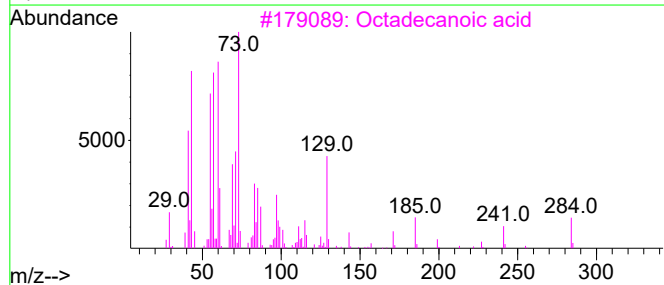
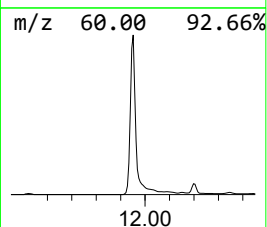
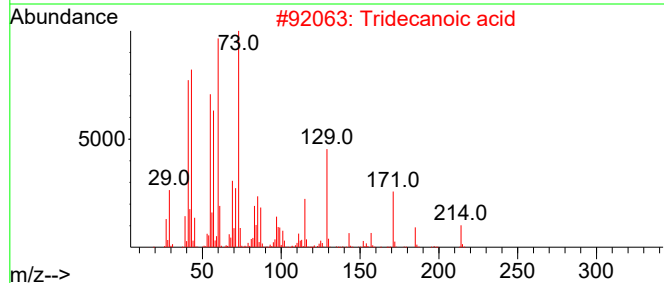
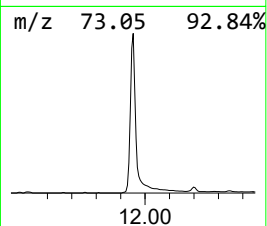
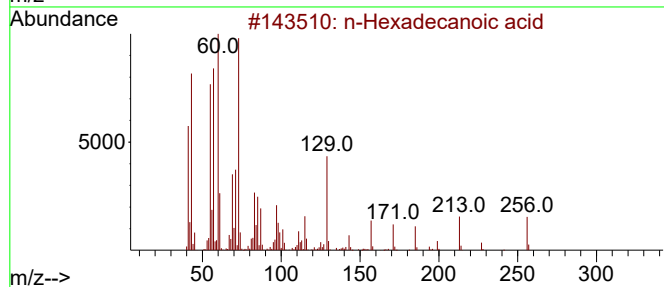
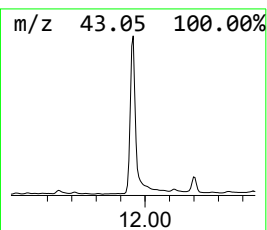
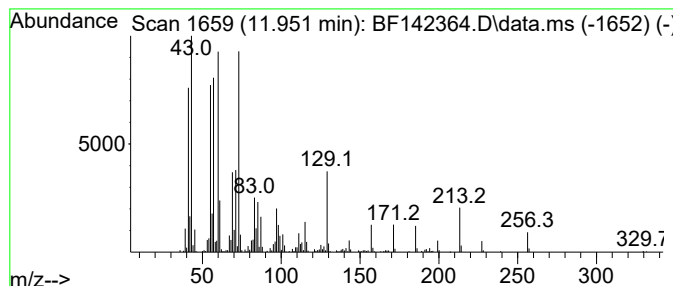
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TIC Library : C:\Database\NIST20.L
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Peak Number 3 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.951	9.60 ng	848359	Phenanthrene-d10	11.422

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			Octadecanoic acid	284	C18H36O2	000057-11-4	93
4			Pentadecanoic acid	242	C15H30O2	001002-84-2	81
5			Tetradecanoic acid	228	C14H28O2	000544-63-8	59



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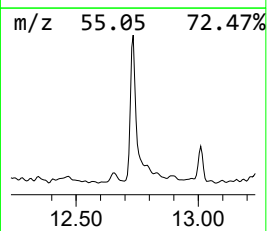
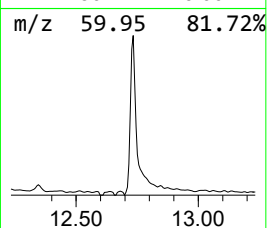
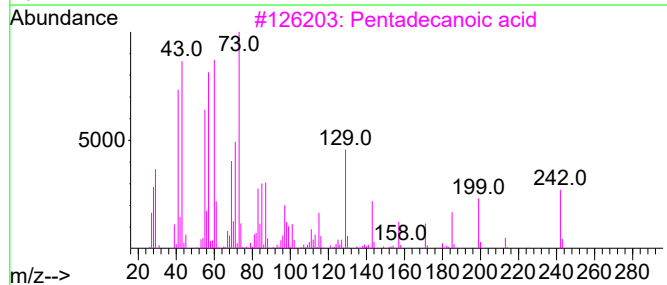
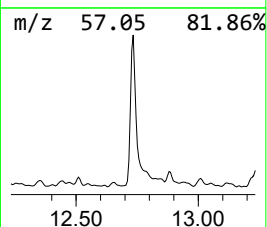
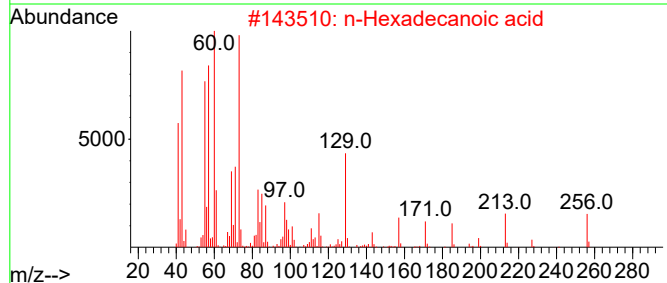
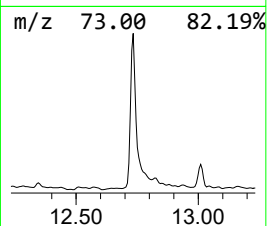
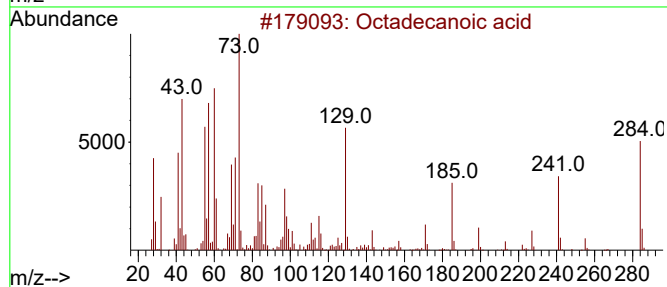
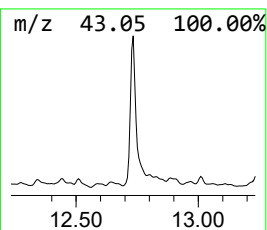
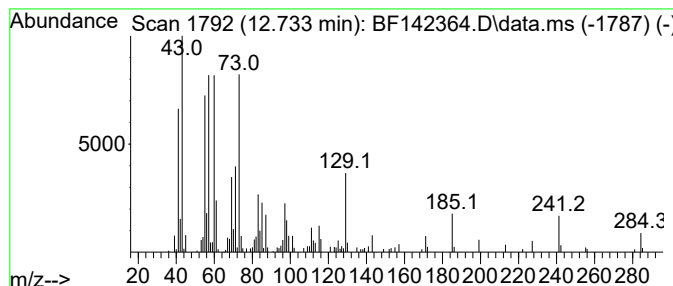
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Peak Number 4 Octadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.733	2.45 ng	216839	Phenanthrene-d10	11.422

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octadecanoic acid	284	C18H36O2	000057-11-4	99
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	91
4		Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	91
5		Tetradecanoic acid	228	C14H28O2	000544-63-8	83



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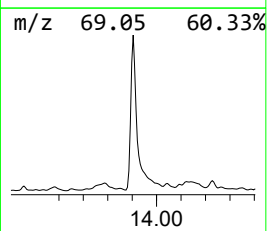
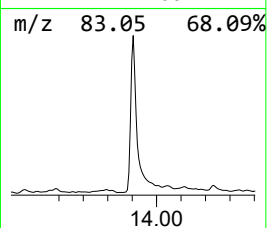
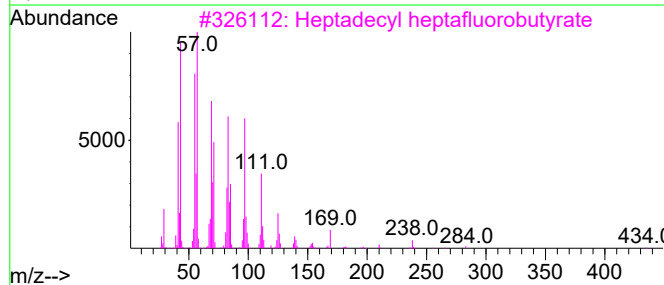
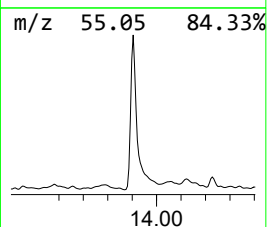
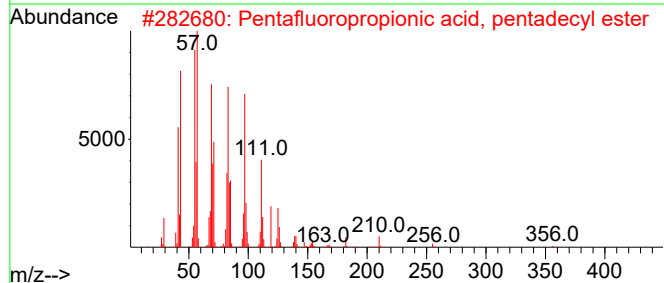
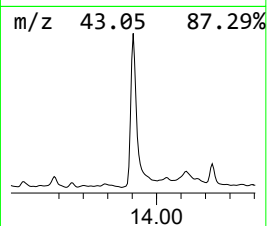
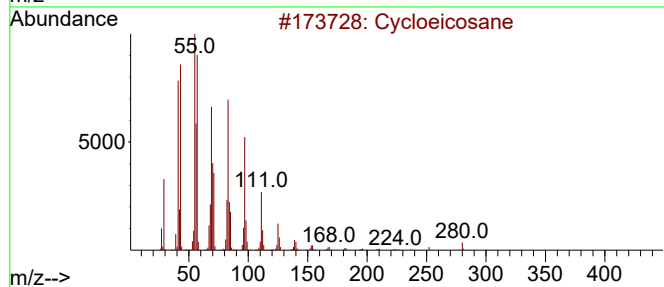
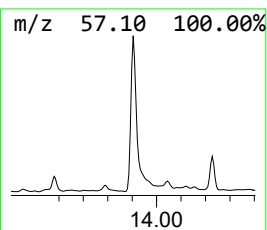
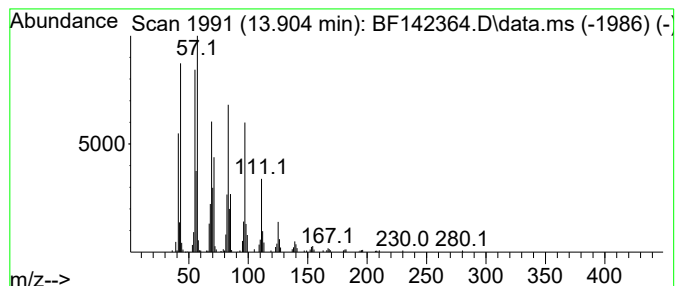
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TIC Library : C:\Database\NIST20.L
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Peak Number 5 Cycloeicosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.904	4.55 ng	381637	Chrysene-d12	14.063

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cycloeicosane	280	C20H40	000296-56-0	95
2			Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	94
3			Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94
4			1-Docosene	308	C22H44	001599-67-3	94
5			Heptadecyl trifluoroacetate	352	C19H35F3O2	1010351-87-0	94



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TIC Library : C:\Database\NIST20.L
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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-...	5.110	6.9	ng	342761	1	6.898	993933	20.0
Benzophenone	10.651	8.1	ng	628002	3	9.933	1560470	20.0
n-Hexadecanoic ...	11.951	9.6	ng	848359	4	11.422	1767150	20.0
Octadecanoic acid	12.733	2.5	ng	216839	4	11.422	1767150	20.0
Cycloeicosane	13.904	4.5	ng	381637	5	14.063	1675690	20.0