

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051425\
 Data File : BF142379.D
 Acq On : 14 May 2025 21:35
 Operator : RC/JU
 Sample : Q2004-09
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-STOCK

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: BF142379.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	506	rBV	226239	348189	7.53%	1.159%
2	5.504	557	563	569	rBV	2163101	2895925	62.60%	9.640%
3	6.516	728	735	740	rBV	2274612	3115350	67.34%	10.370%
4	6.898	795	800	805	rBV	893536	1087000	23.50%	3.618%
5	7.457	886	895	900	rBV	1561795	2054909	44.42%	6.840%
6	7.710	934	938	944	rBV	57161	73285	1.58%	0.244%
7	8.181	1012	1018	1033	rVB	1180365	1527464	33.02%	5.085%
8	9.257	1194	1201	1206	rBV	3362545	4293955	92.82%	14.294%
9	9.934	1310	1316	1327	rVB	1397084	1827597	39.51%	6.084%
10	10.651	1432	1438	1444	rBV	203183	265639	5.74%	0.884%
11	10.722	1444	1450	1461	rBV	1898723	2430019	52.53%	8.089%
12	11.422	1564	1569	1576	rBV	1511127	1924825	41.61%	6.407%
13	11.945	1653	1658	1671	rBV2	229624	386502	8.35%	1.287%
14	12.733	1787	1792	1801	rBV	28026	55566	1.20%	0.185%
15	13.010	1833	1839	1844	rBV	3532621	4626237	100.00%	15.400%
16	13.904	1986	1991	2006	rBV	156415	313046	6.77%	1.042%
17	14.063	2012	2018	2030	rBV	1100833	1439910	31.12%	4.793%
18	14.533	2094	2098	2103	rBV2	33353	54317	1.17%	0.181%
19	15.192	2207	2210	2221	rVB	34546	58468	1.26%	0.195%
20	15.551	2265	2271	2286	rVB	770351	1262592	27.29%	4.203%

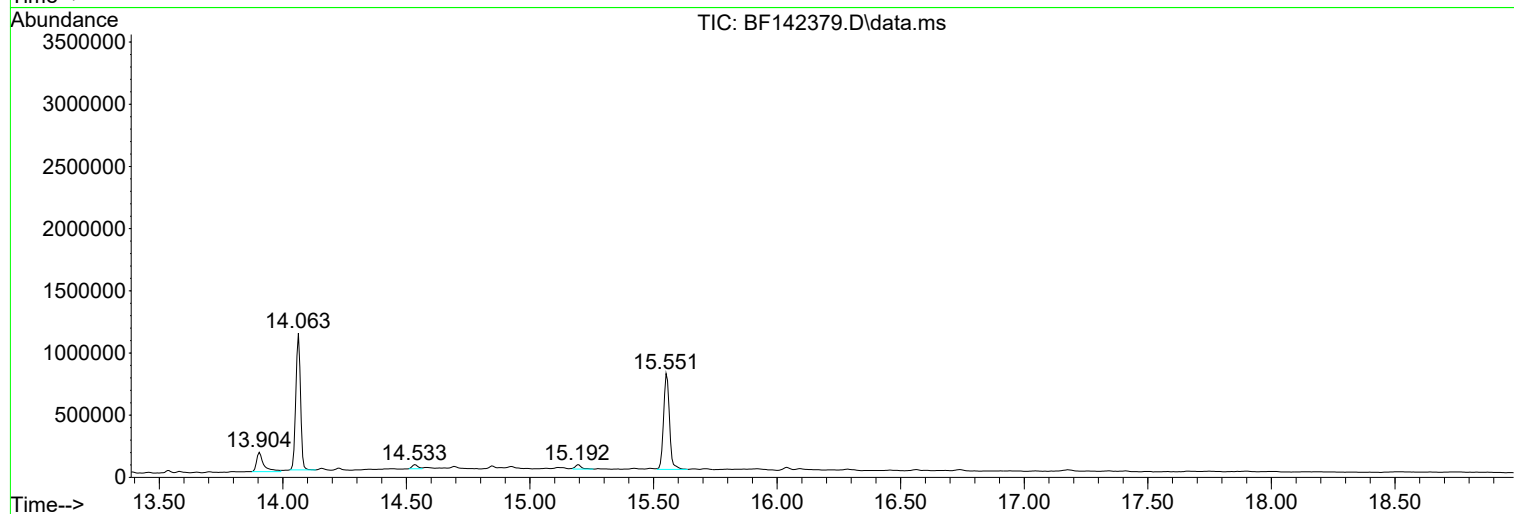
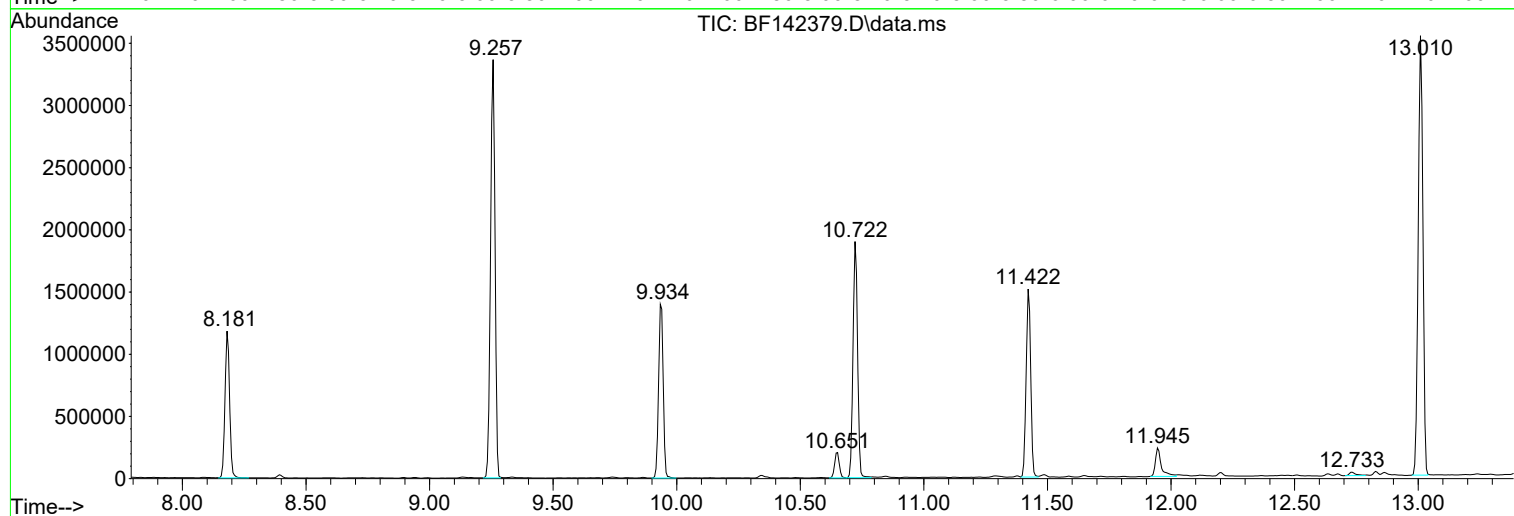
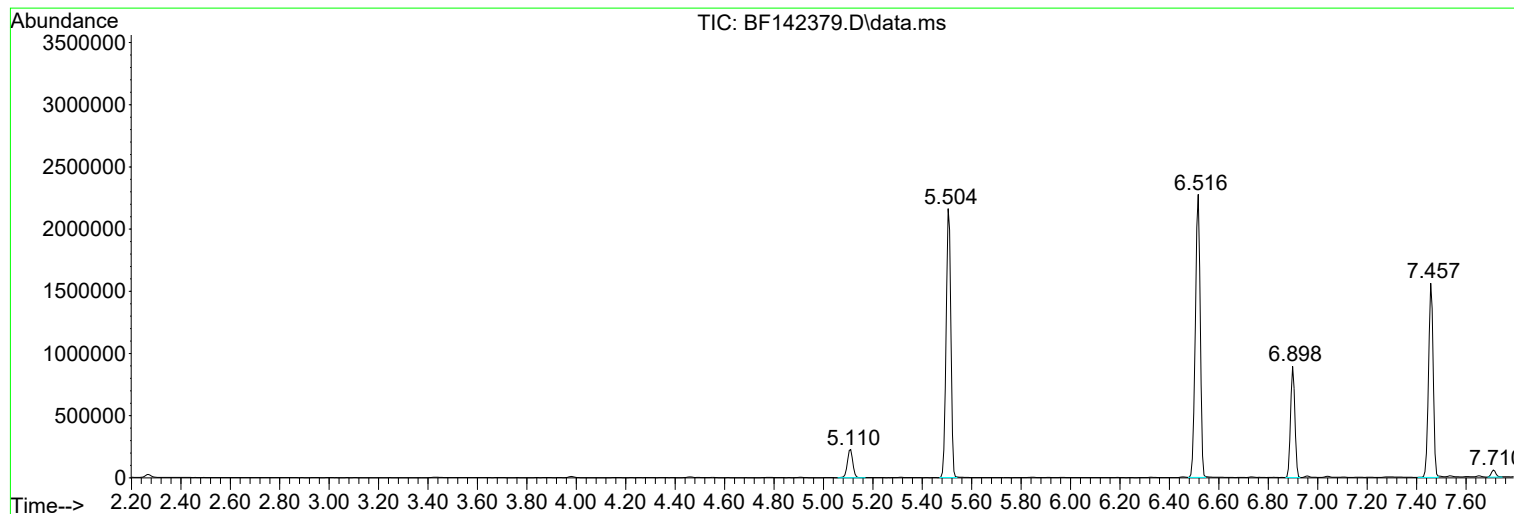
Sum of corrected areas: 30040795

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



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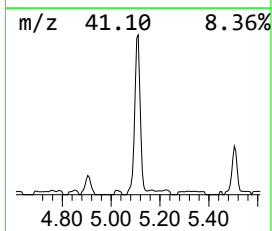
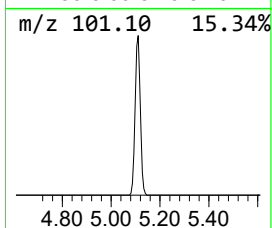
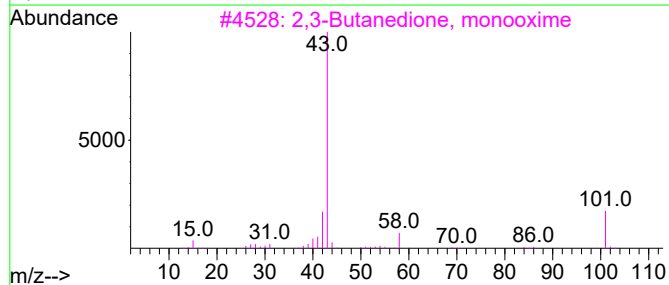
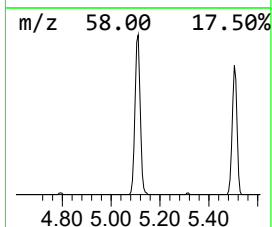
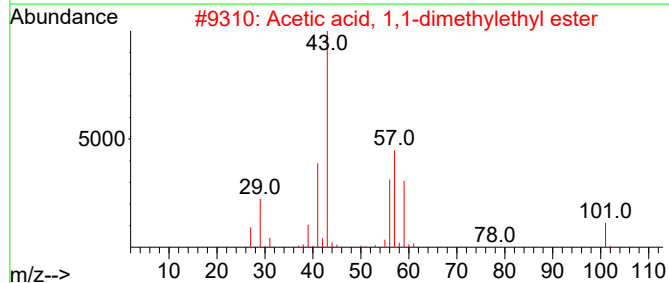
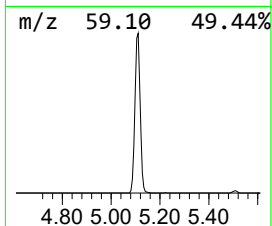
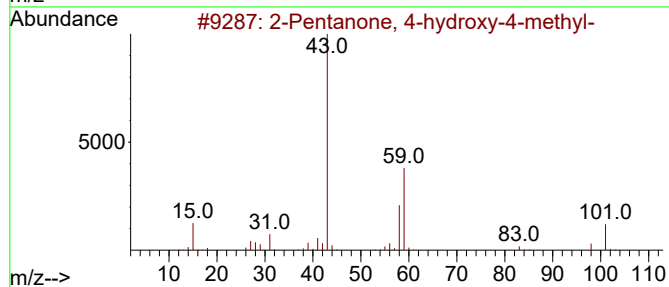
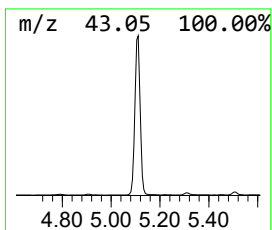
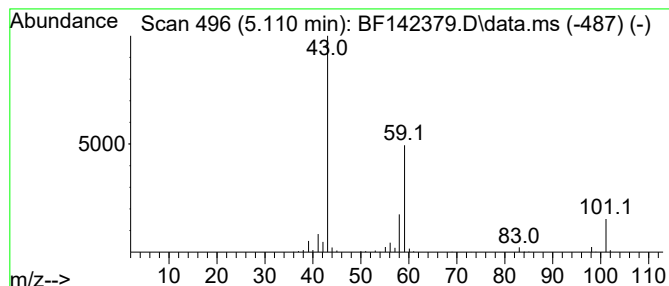
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.110	6.41 ng	348189	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	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	28		
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	27		
4	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	12		
5	N-(n-Propyl)acetamide	101	C5H11NO	005331-48-6	7		



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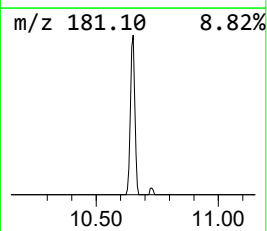
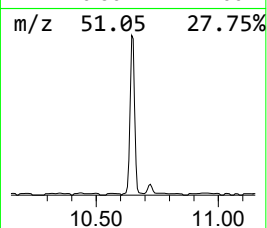
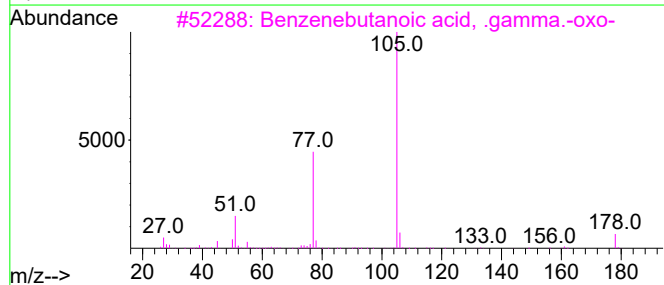
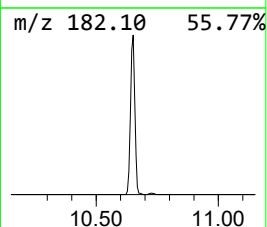
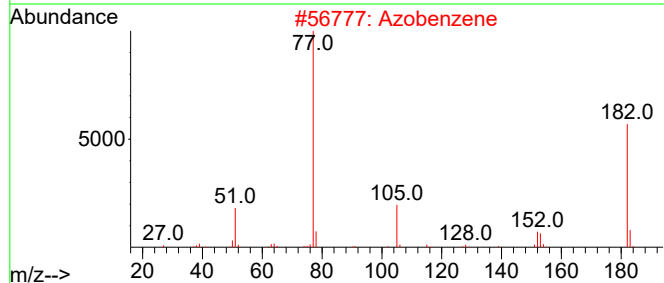
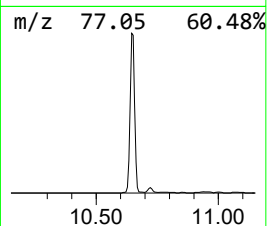
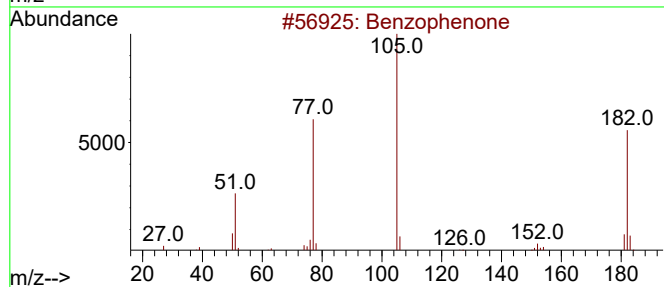
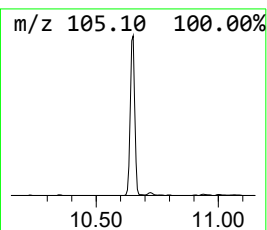
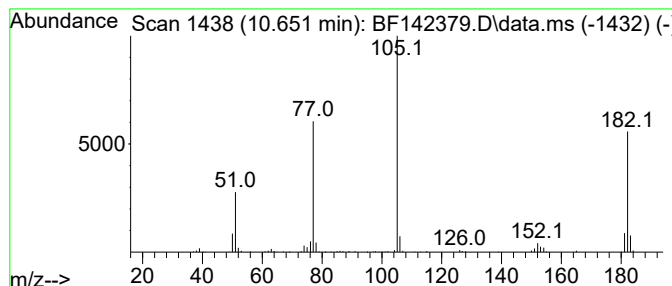
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Peak Number 2 Benzophenone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.651	2.91 ng	265639	Acenaphthene-d10	9.934

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzophenone	182	C13H10O	000119-61-9	96
2			Azobenzene	182	C12H10N2	000103-33-3	64
3			Benzenebutanoic acid, .gamma.-oxo-	178	C10H10O3	002051-95-8	47
4			Benzoic acid, phenyl ester	198	C13H10O2	000093-99-2	47
5			N-Methoxy-N-methylbenzamide	165	C9H11NO2	006919-61-5	47



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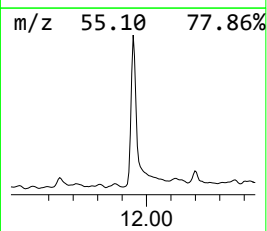
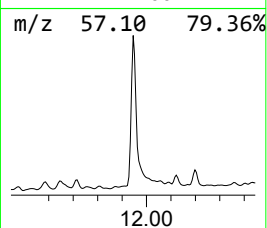
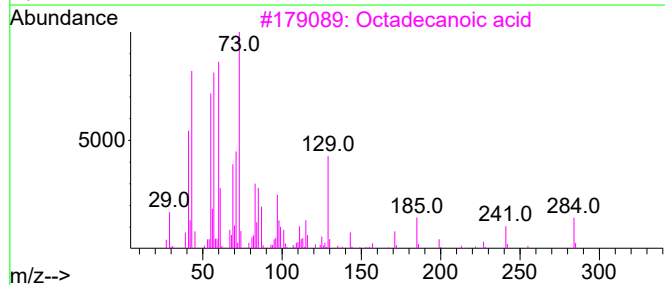
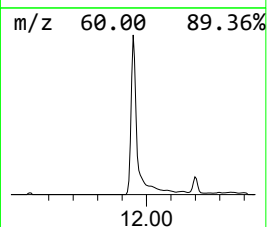
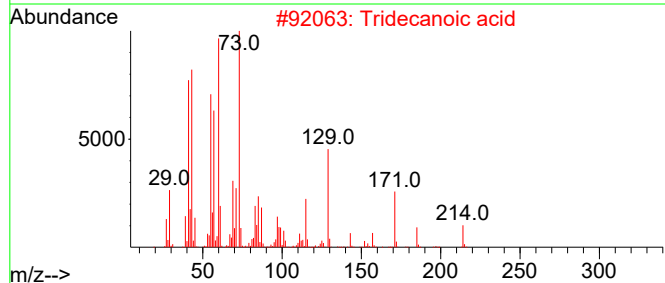
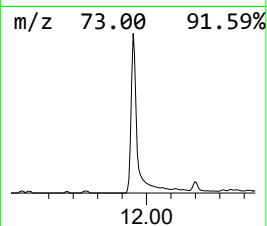
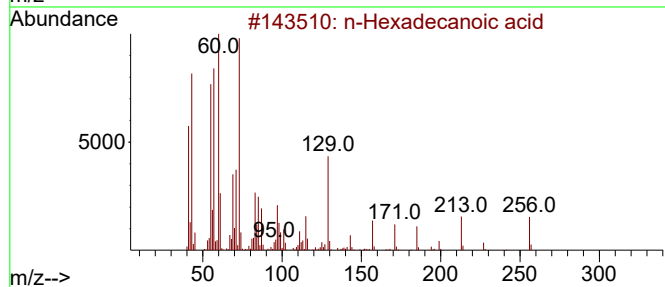
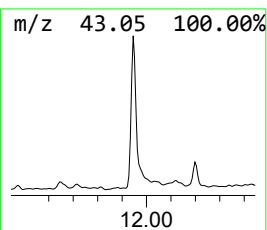
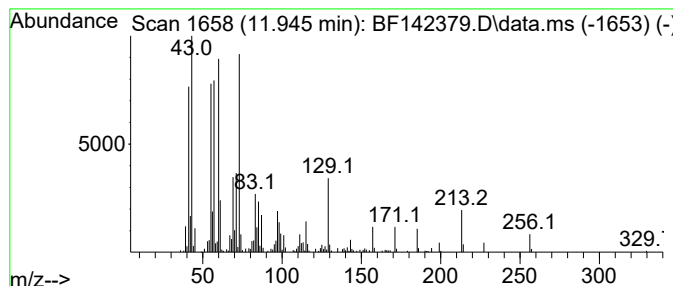
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Peak Number 3 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.945	4.02 ng	386502	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	93
3			Octadecanoic acid	284	C18H36O2	000057-11-4	93
4			Pentadecanoic acid	242	C15H30O2	001002-84-2	87
5			Tetradecanoic acid	228	C14H28O2	000544-63-8	68



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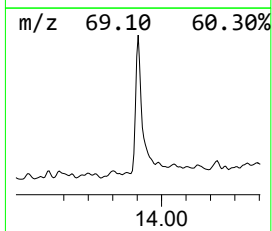
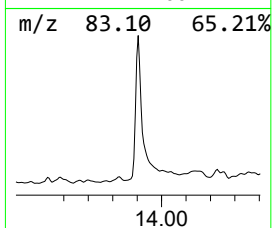
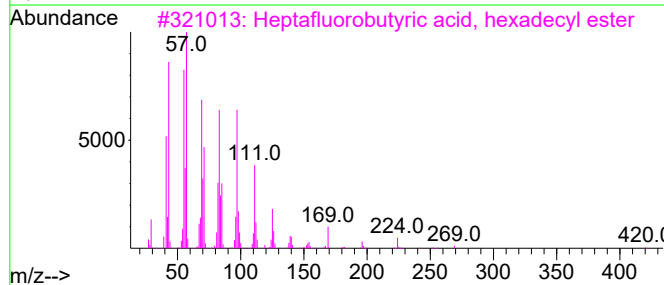
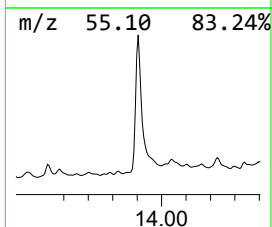
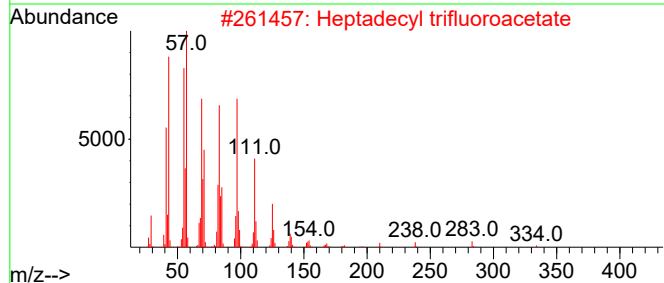
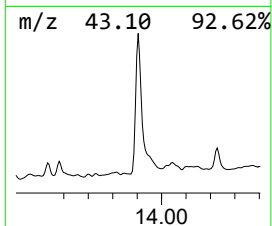
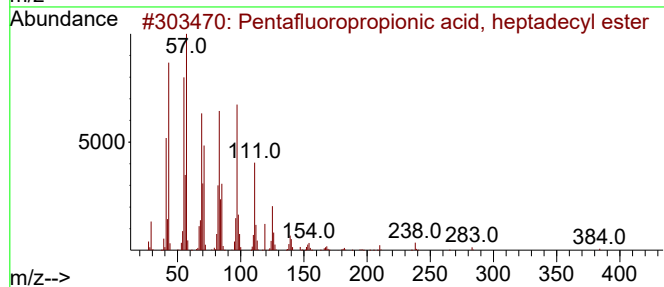
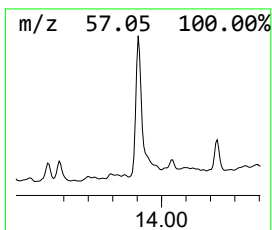
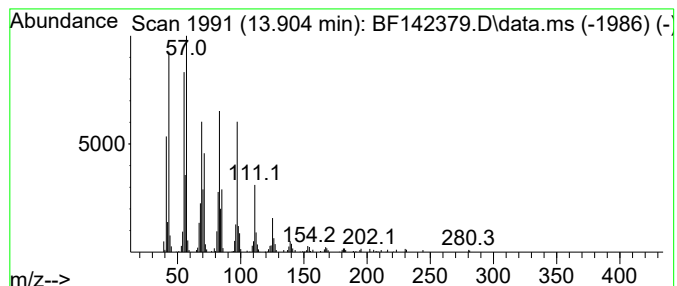
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Peak Number 4 Pentafluoropropionic acid, ... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.904	4.35 ng	313046	Chrysene-d12	14.063

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentafluoropropionic acid, hepta...	402	C20H35F5O2	959218-78-1	95
2			Heptadecyl trifluoroacetate	352	C19H35F3O2	1010351-87-0	95
3			Heptafluorobutyric acid, hexadec...	438	C20H33F7O2	006385-15-5	95
4			Pentadecafluorooctanoic acid, oc...	666	C26H37F15O2	1000406-04-8	95
5			Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-...	5.110	6.4	ng	348189	1	6.898	1087000	20.0
Benzophenone	10.651	2.9	ng	265639	3	9.934	1827600	20.0
n-Hexadecanoic ...	11.945	4.0	ng	386502	4	11.422	1924830	20.0
Pentafluoroprop...	13.904	4.3	ng	313046	5	14.063	1439910	20.0