

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060425\
 Data File : BF142604.D
 Acq On : 04 Jun 2025 13:39
 Operator : RC/JU
 Sample : Q2159-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP05-MHO-WC

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-BF052025.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF142604.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.281	10	15	25	rVB2	20098	35764	1.55%	0.224%
2	5.110	487	496	508	rBV	165913	241926	10.47%	1.515%
3	5.516	558	565	570	rBV	1525002	2049595	88.67%	12.838%
4	6.522	730	736	741	rBV	1553438	2081084	90.04%	13.035%
5	6.892	794	799	805	rBV	522171	656021	28.38%	4.109%
6	7.457	888	895	900	rBV	1006024	1316128	56.94%	8.244%
7	8.181	1012	1018	1033	rBV	643794	841128	36.39%	5.268%
8	9.251	1194	1200	1205	rBV	1868773	2311376	100.00%	14.477%
9	9.933	1311	1316	1321	rBV	707481	858126	37.13%	5.375%
10	10.645	1432	1437	1445	rVB	134695	164555	7.12%	1.031%
11	10.722	1445	1450	1464	rBV	1023340	1285476	55.62%	8.052%
12	11.422	1564	1569	1576	rBV	570650	705367	30.52%	4.418%
13	11.645	1602	1607	1616	rBV3	12502	28584	1.24%	0.179%
14	11.939	1651	1657	1672	rBV	164995	287528	12.44%	1.801%
15	12.727	1785	1791	1799	rVV	56582	99392	4.30%	0.623%
16	13.004	1833	1838	1844	rBV	1136498	1465299	63.40%	9.178%
17	13.451	1909	1914	1926	rBV2	15034	29038	1.26%	0.182%
18	13.904	1986	1991	2001	rBV2	32358	70319	3.04%	0.440%
19	13.992	2002	2006	2011	rVV	15992	24394	1.06%	0.153%
20	14.063	2013	2018	2027	rVB	405622	528374	22.86%	3.310%
21	14.463	2081	2086	2091	rBV	20821	35715	1.55%	0.224%
22	14.915	2157	2163	2169	rVB	30504	53962	2.33%	0.338%
23	15.410	2242	2247	2254	rBV2	20093	41213	1.78%	0.258%
24	15.492	2256	2261	2266	rVV2	22041	40518	1.75%	0.254%
25	15.557	2266	2272	2284	rVB	446365	714460	30.91%	4.475%

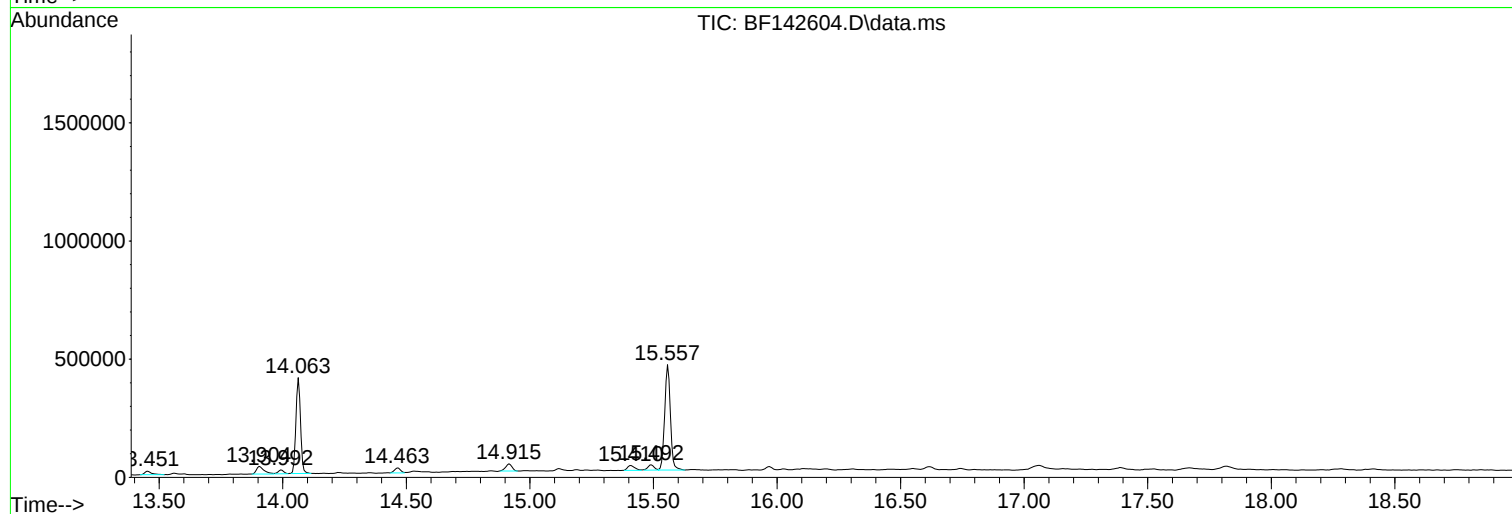
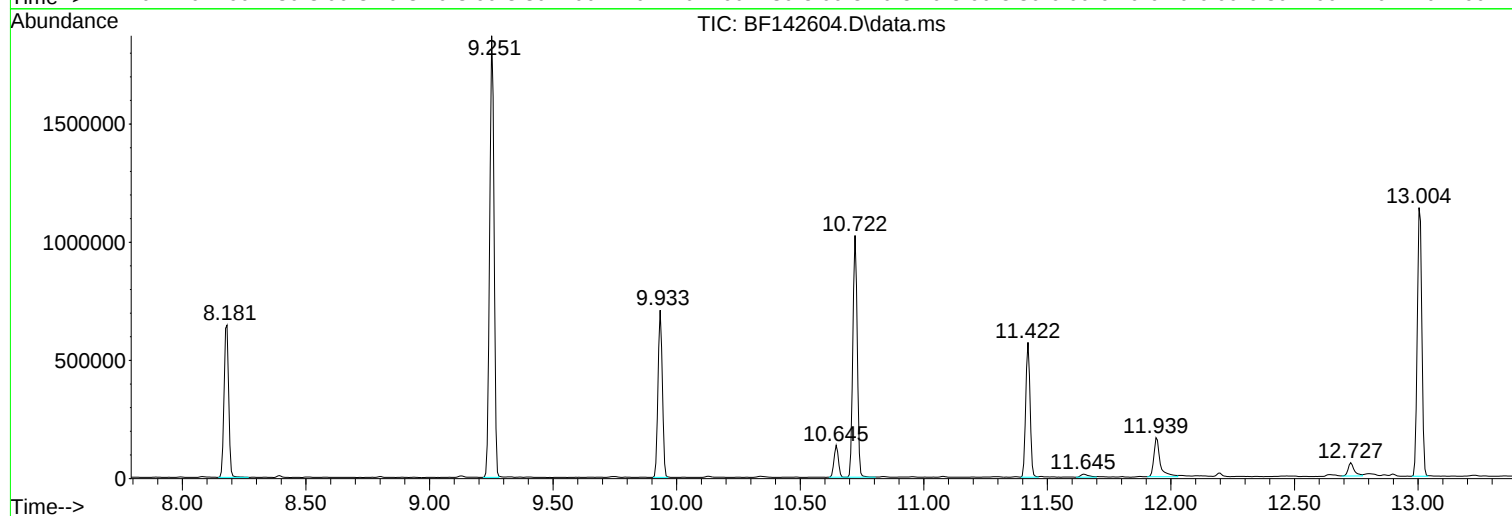
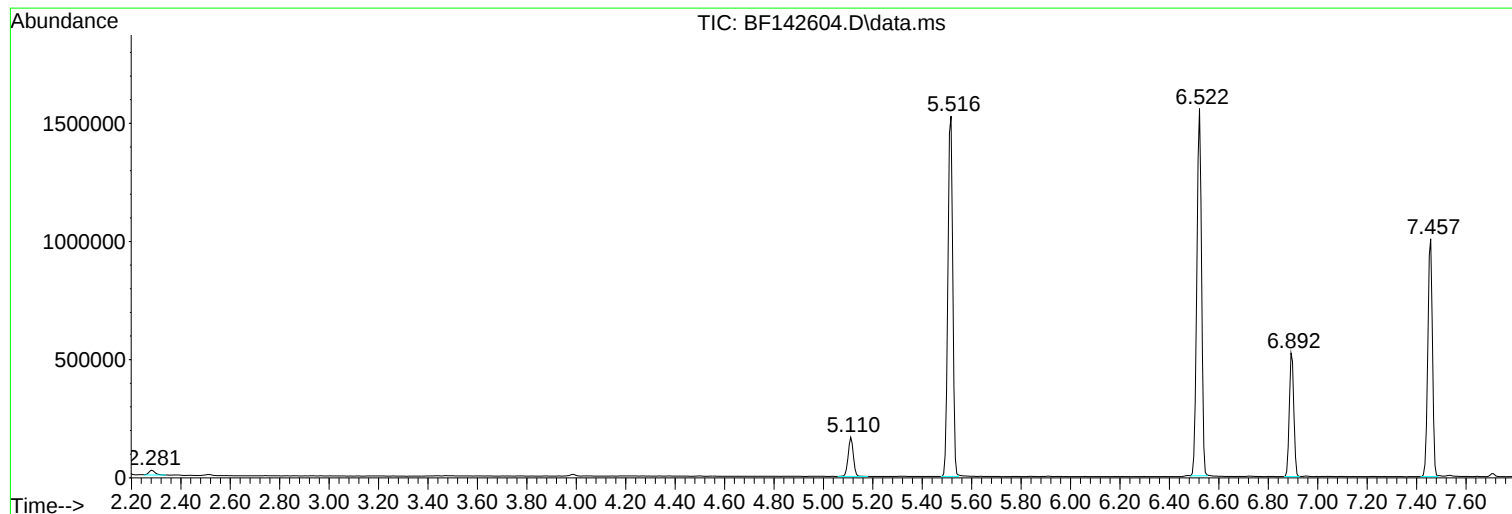
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ClientSampleId :
TP05-MHO-WC

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.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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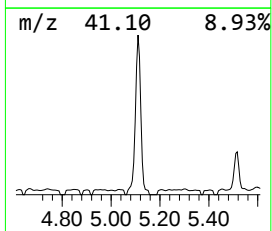
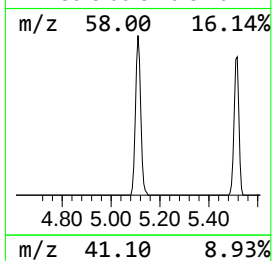
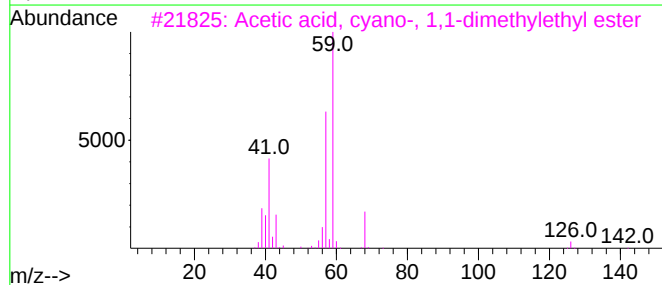
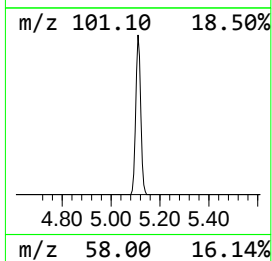
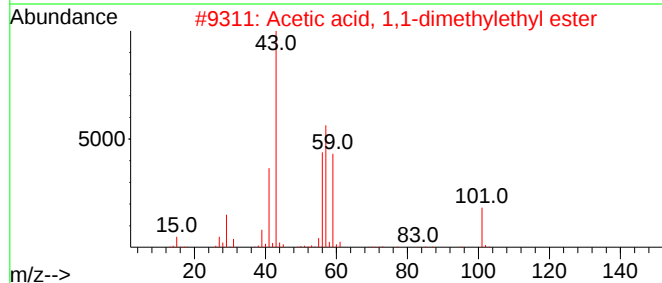
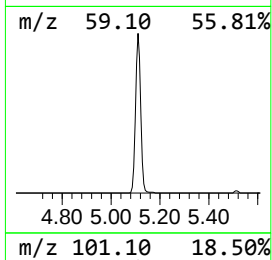
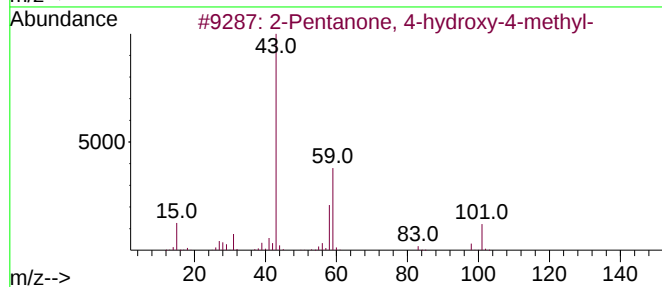
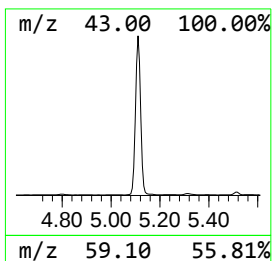
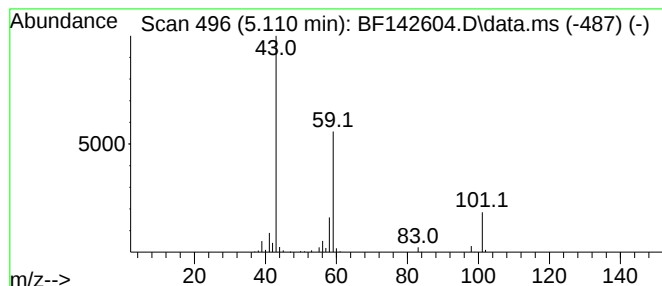
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.110	7.38 ng	241926	1,4-Dichlorobenzene-d4	6.892

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	39
3			Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
4			1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	12
5			Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9



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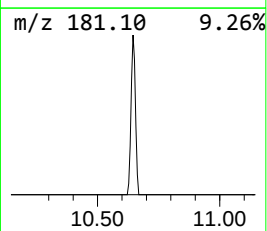
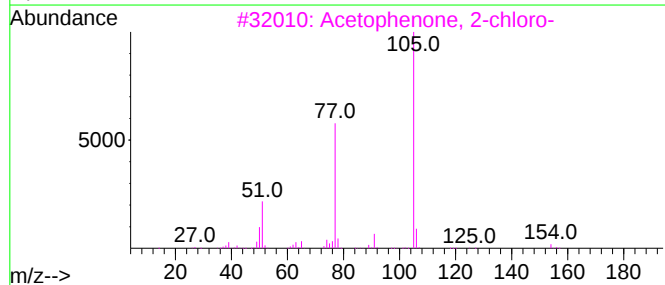
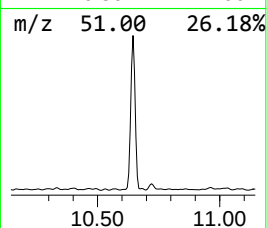
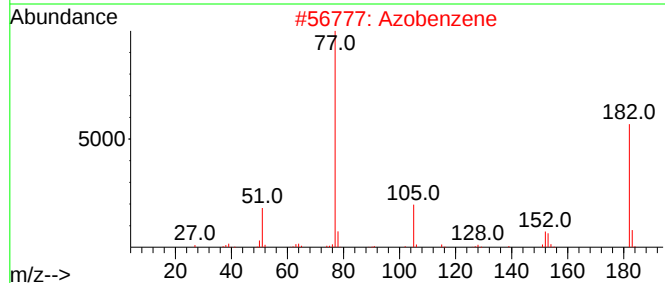
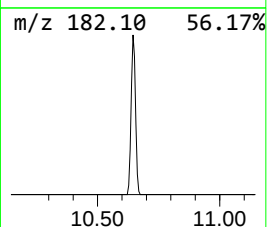
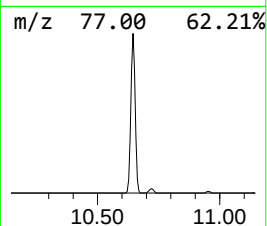
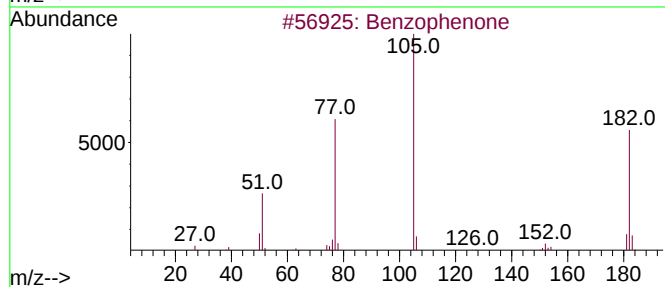
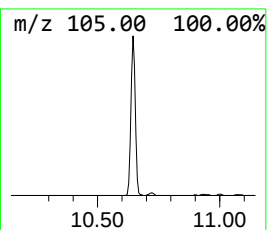
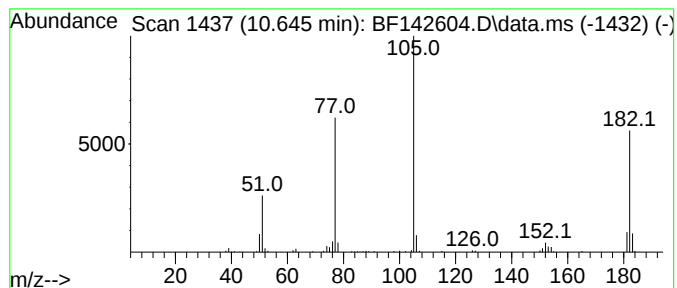
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Peak Number 2 Benzophenone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.645	3.84 ng	164555	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	59
3			Acetophenone, 2-chloro-	154	C8H7ClO	000532-27-4	49
4			2-(2-Oxo-2-phenyl-ethyl)-malonon...	184	C11H8N2O	1000296-76-9	47
5			Benzeneacetic acid, .alpha.-oxo-...	178	C10H10O3	001603-79-8	47



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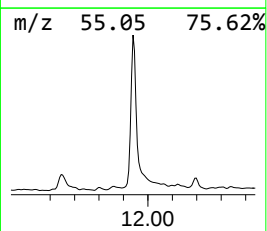
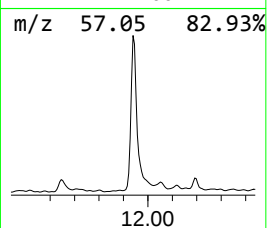
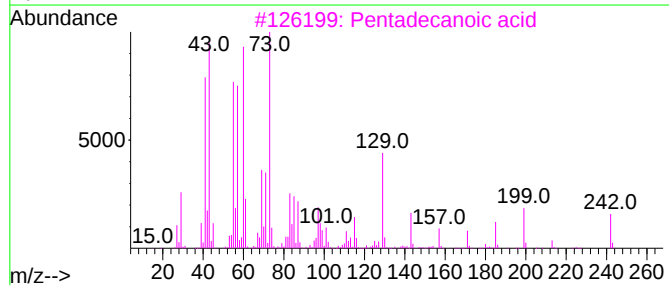
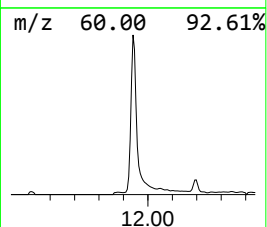
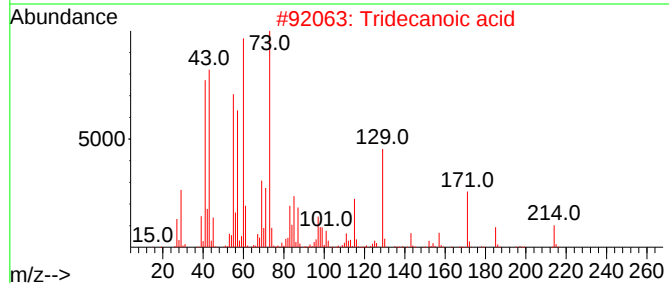
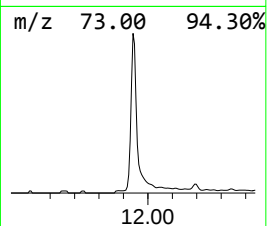
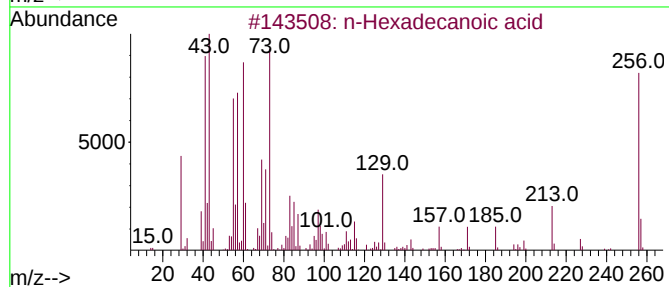
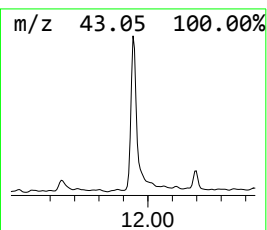
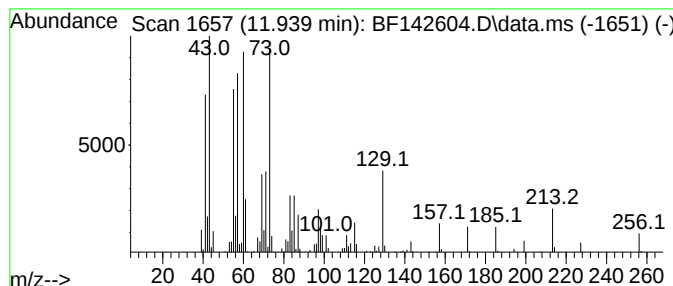
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TIC Library : C:\Database\NIST20.L
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Peak Number 3 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.939	8.15 ng	287528	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	92
3			Pentadecanoic acid	242	C15H30O2	001002-84-2	90
4			Tetradecanoic acid	228	C14H28O2	000544-63-8	74
5			n-Decanoic acid	172	C10H20O2	000334-48-5	60



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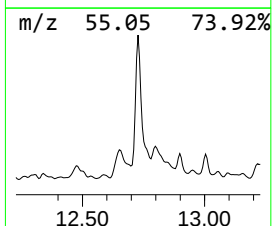
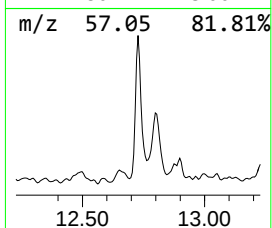
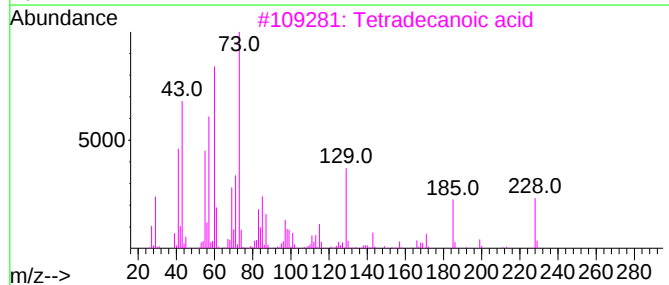
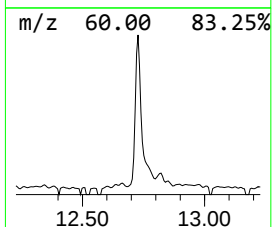
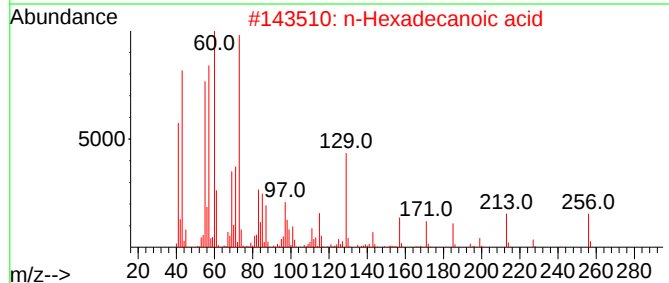
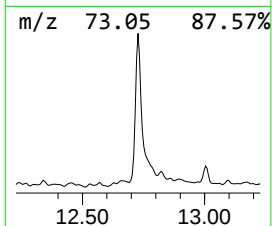
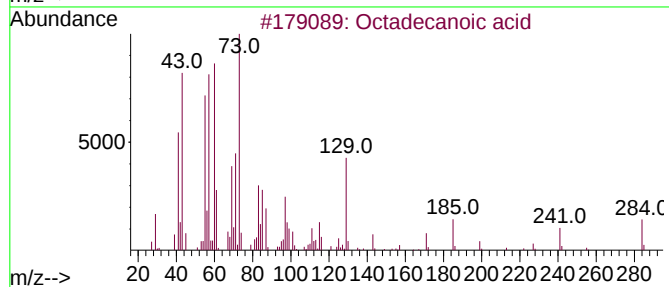
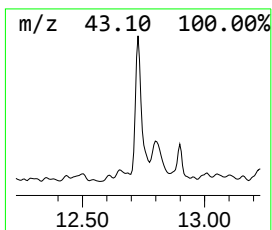
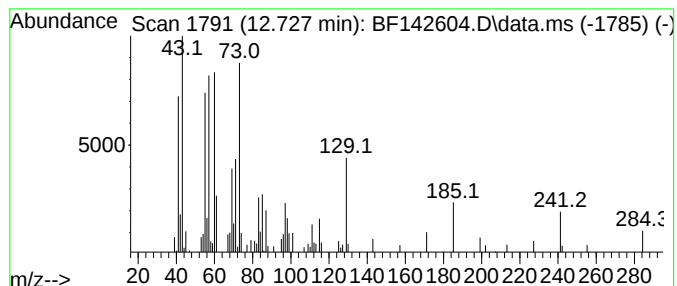
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Peak Number 4 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.727	2.82 ng	99392	Phenanthrene-d10	11.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	98
2			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	87
3			Tetradecanoic acid	228	C14H28O2	000544-63-8	80
4			Pentadecanoic acid	242	C15H30O2	001002-84-2	74
5			Oxalic acid, isobutyl heptadecyl...	384	C23H44O4	1000309-38-2	18



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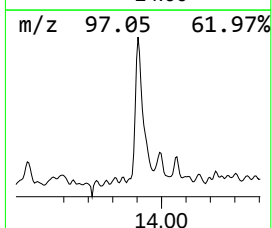
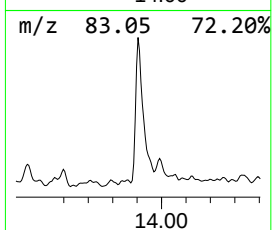
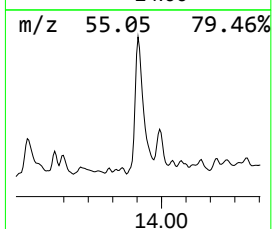
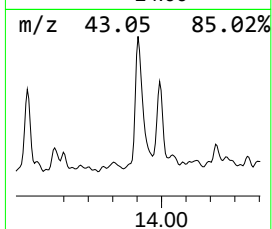
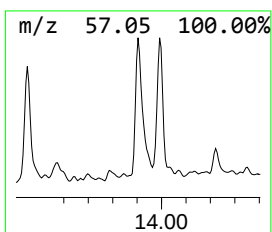
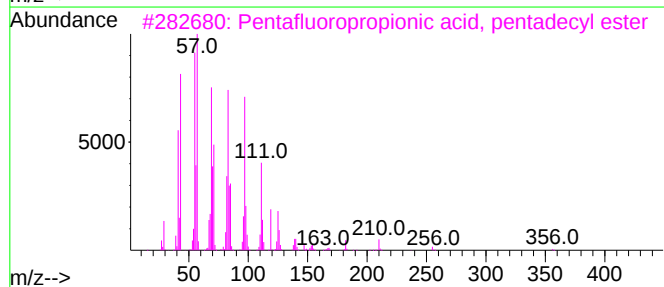
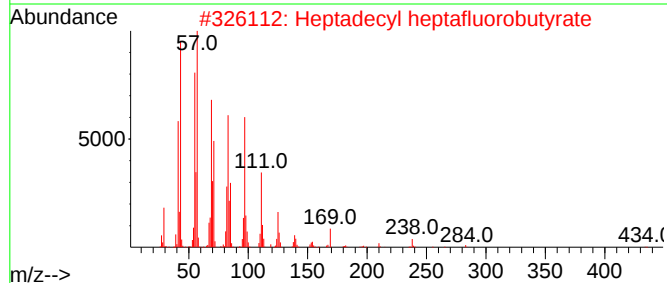
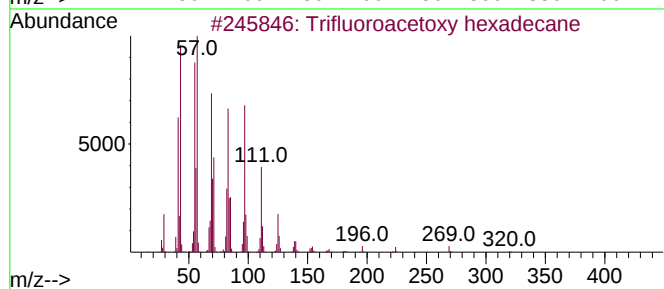
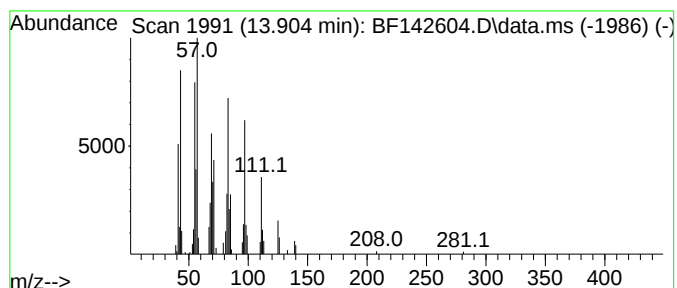
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TIC Library : C:\Database\NIST20.L
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Peak Number 5 Trifluoroacetoxy hexadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.904	2.66 ng	70319	Chrysene-d12	14.063

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	95
2			Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	95
3			Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	95
4			Heptafluorobutyric acid, hexadec...	438	C20H33F7O2	006385-15-5	95
5			Heptadecyl trifluoroacetate	352	C19H35F3O2	1010351-87-0	95



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-...	5.110	7.4	ng	241926	1	6.892	656021	20.0
Benzophenone	10.645	3.8	ng	164555	3	9.933	858126	20.0
n-Hexadecanoic ...	11.939	8.2	ng	287528	4	11.422	705367	20.0
Octadecanoic acid	12.727	2.8	ng	99392	4	11.422	705367	20.0
Trifluoroacetox...	13.904	2.7	ng	70319	5	14.063	528374	20.0