

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF103123\
 Data File : BF136047.D
 Acq On : 31 Oct 2023 13:01
 Operator : CG\JU
 Sample : 05027-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 214

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-BF103023.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF136047.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.116	3	5	9	rVB	508666	499392	16.75%	2.270%
2	5.051	498	504	511	rVB	64937	84851	2.85%	0.386%
3	5.451	567	572	575	rBV	2530465	2357050	79.08%	10.712%
4	6.451	737	742	745	rBV	2305403	2318484	77.78%	10.536%
5	6.822	802	805	808	rBV	1222757	910676	30.55%	4.139%
6	7.381	896	900	903	rBV	1793108	1540287	51.68%	7.000%
7	8.104	1019	1023	1026	rBV	1539794	1216184	40.80%	5.527%
8	9.181	1202	1206	1209	rBV	3782947	2980633	100.00%	13.546%
9	9.298	1223	1226	1230	rBV	47584	41719	1.40%	0.190%
10	9.863	1318	1322	1325	rVB	1554797	1335031	44.79%	6.067%
11	10.057	1351	1355	1365	rVB3	35772	59291	1.99%	0.269%
12	10.475	1418	1426	1433	rBV2	14239	40512	1.36%	0.184%
13	10.651	1452	1456	1459	rBV	2050302	1672746	56.12%	7.602%
14	11.016	1512	1518	1523	rVB8	18792	37455	1.26%	0.170%
15	11.351	1571	1575	1579	rBV	1552184	1261377	42.32%	5.732%
16	11.892	1659	1667	1681	rBV2	584842	795626	26.69%	3.616%
17	12.028	1687	1690	1694	rBV2	29730	44402	1.49%	0.202%
18	12.063	1694	1696	1706	rVB5	38015	58094	1.95%	0.264%
19	12.680	1796	1801	1806	rBV	314562	375881	12.61%	1.708%
20	12.951	1843	1847	1851	rBV	2739842	2419926	81.19%	10.997%
21	13.869	2000	2003	2006	rBV	166032	211752	7.10%	0.962%
22	14.010	2023	2027	2031	rVB	916765	824779	27.67%	3.748%
23	15.504	2276	2281	2288	rVB	688600	918268	30.81%	4.173%

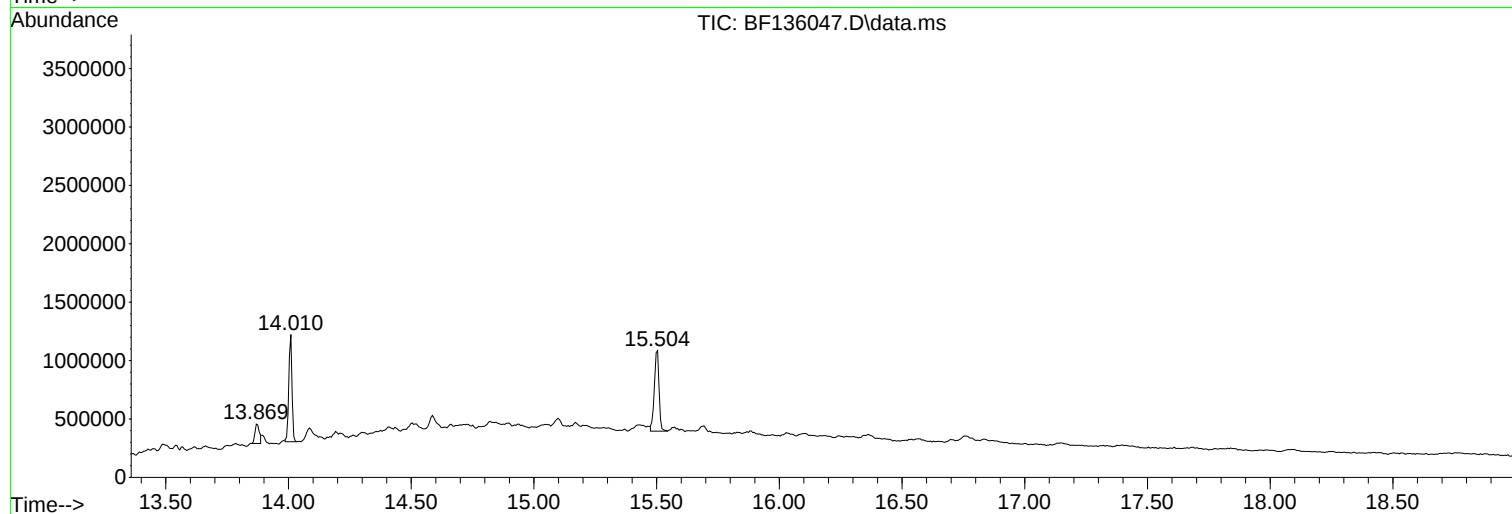
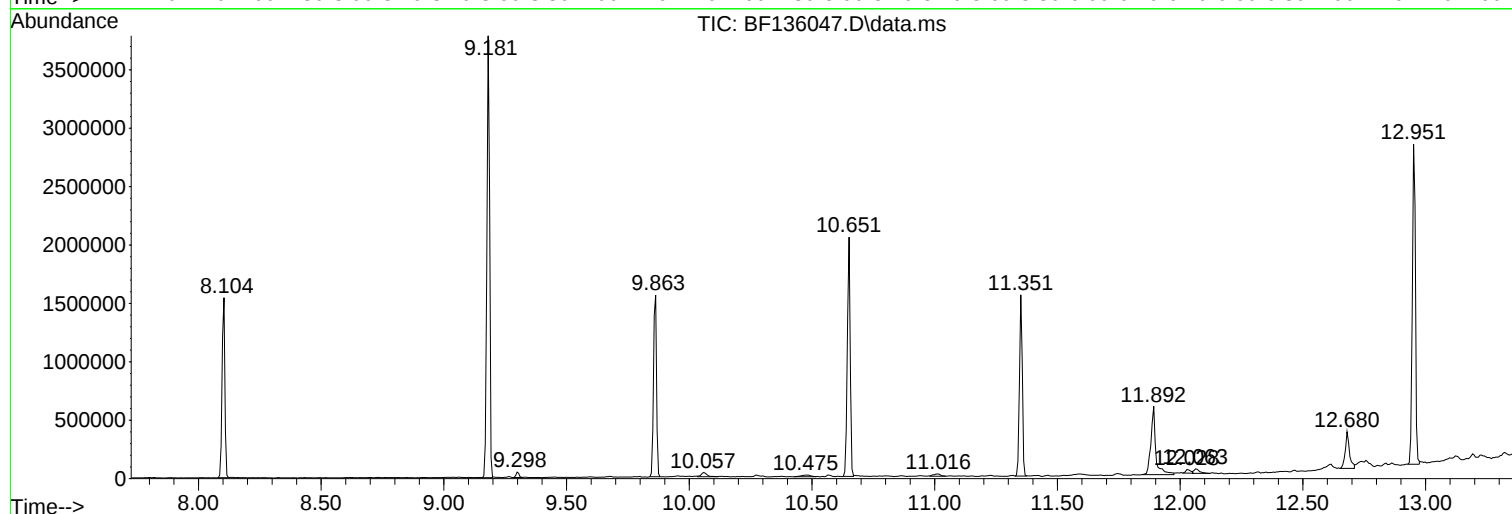
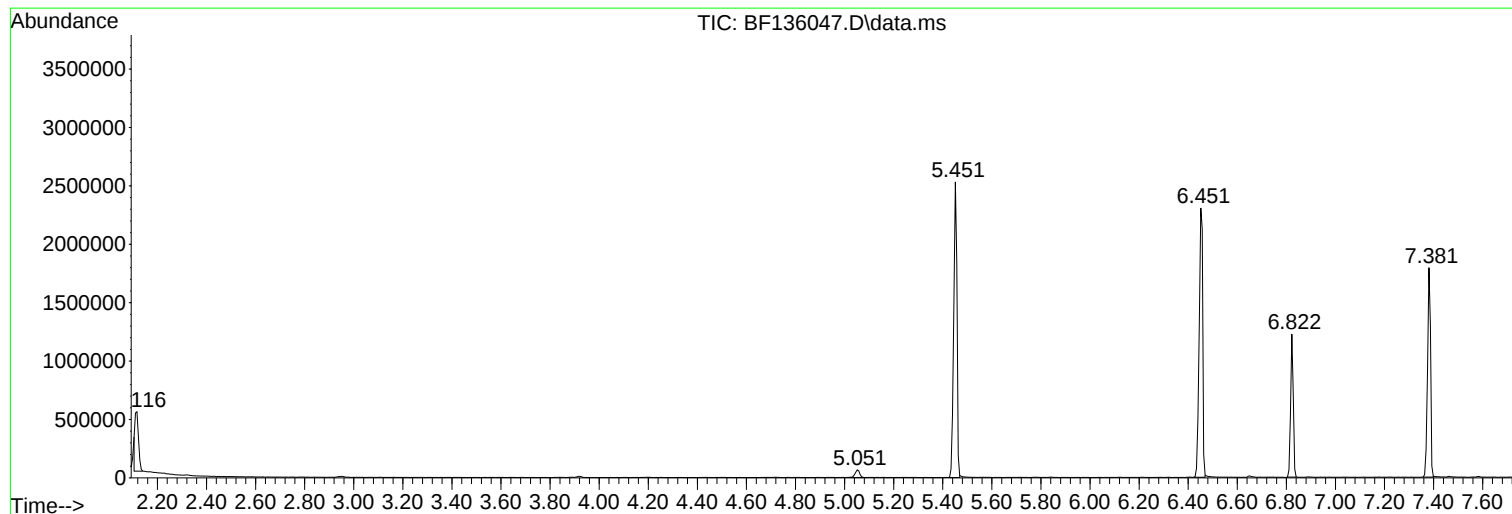
Sum of corrected areas: 22004416

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF103023.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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Instrument :
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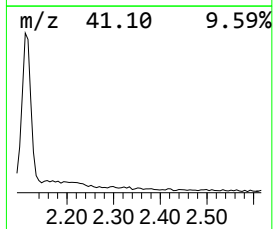
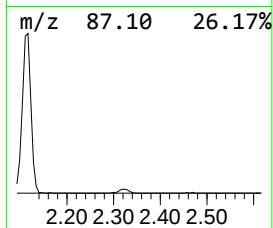
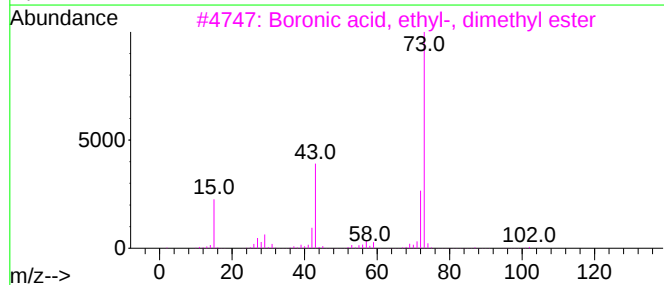
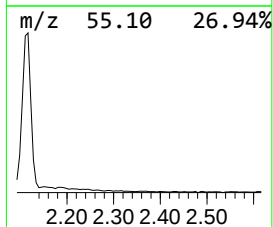
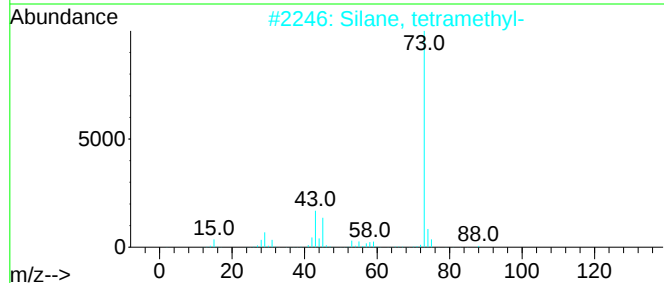
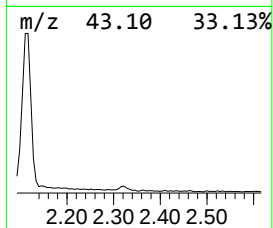
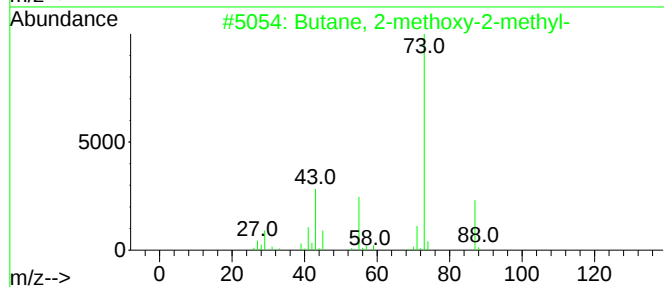
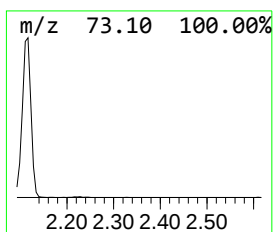
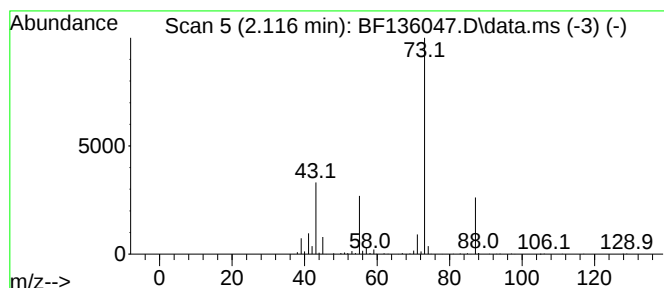
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST0.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.116	10.97 ng	499392	1,4-Dichlorobenzene-d4	6.822

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	86
2			Silane, tetramethyl-	88	C4H12Si	000075-76-3	35
3			Boronic acid, ethyl-, dimethyl e...	102	C4H11BO2	007318-82-3	10
4			N-Ethylformamide	73	C3H7NO	000627-45-2	9
5			Silane, ethyltrimethyl-	102	C5H14Si	003439-38-1	9



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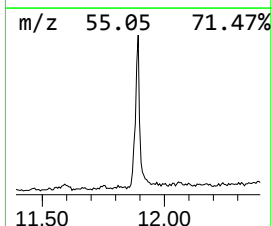
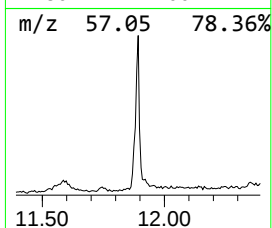
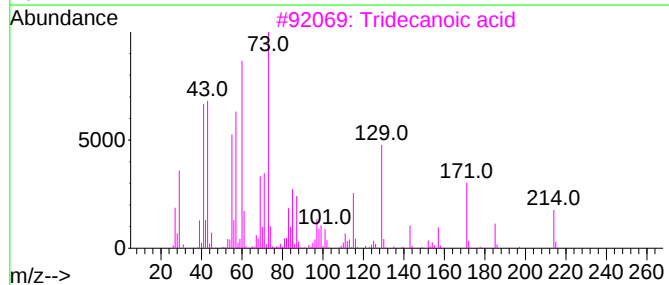
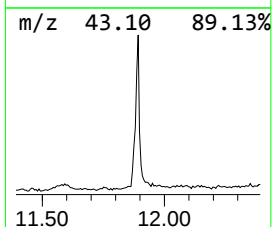
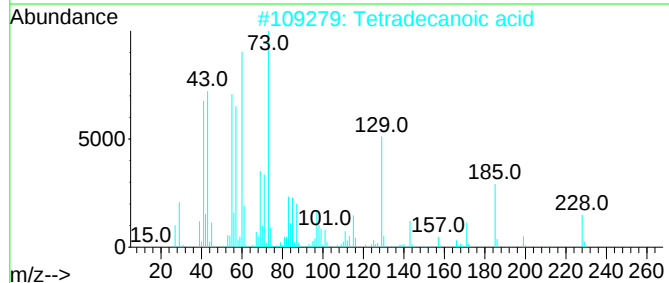
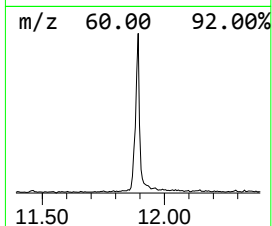
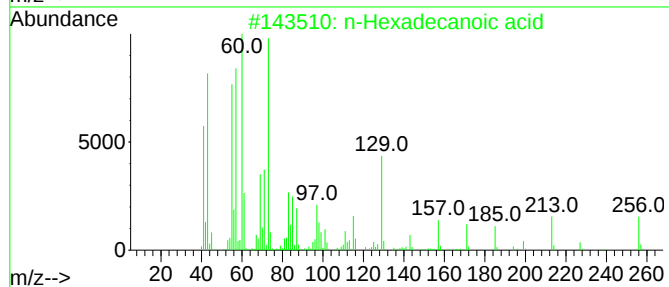
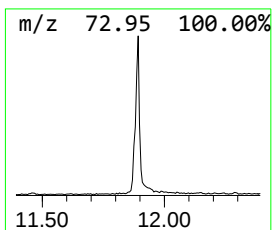
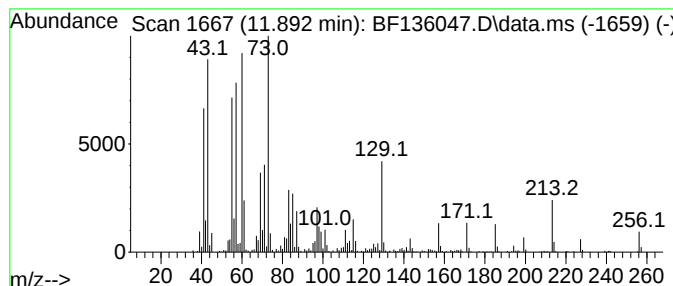
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF103023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.892	12.62 ng	795626	Phenanthrene-d10	11.351

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	92
4			Pentadecanoic acid	242	C15H30O2	001002-84-2	91
5			n-Decanoic acid	172	C10H20O2	000334-48-5	62



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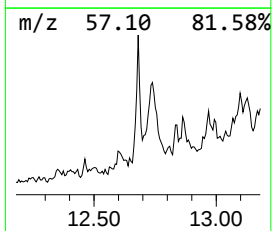
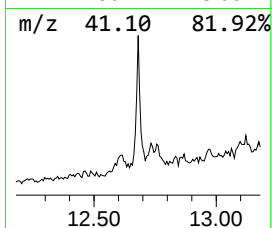
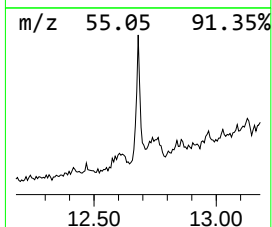
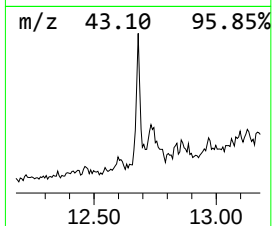
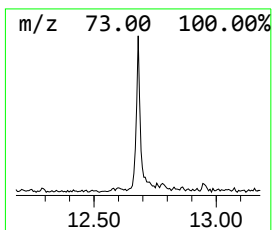
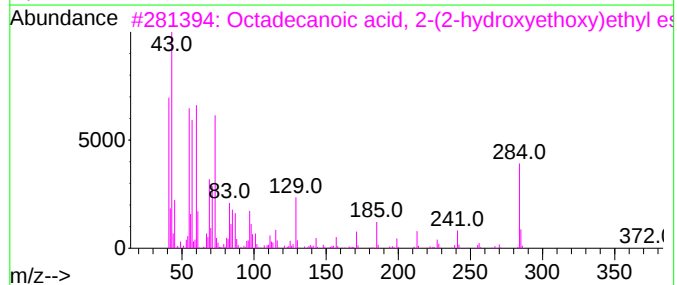
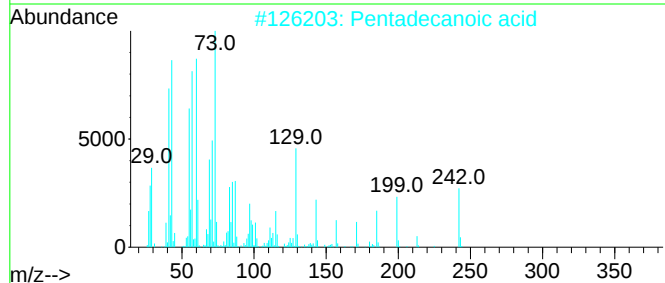
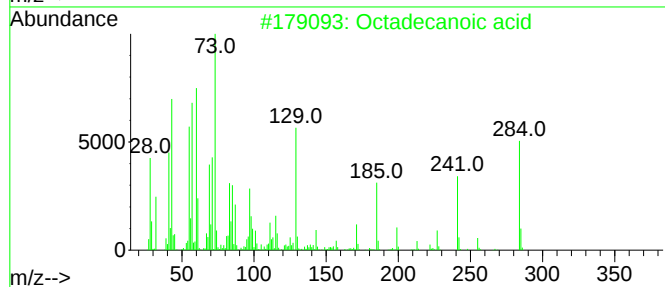
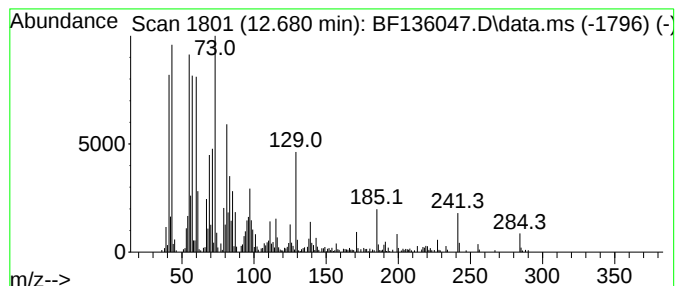
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.680	9.11 ng	375881	Chrysene-d12	14.010

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	99
2			Pentadecanoic acid	242	C15H30O2	001002-84-2	87
3			Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	86
4			Tetradecanoic acid	228	C14H28O2	000544-63-8	81
5			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	68



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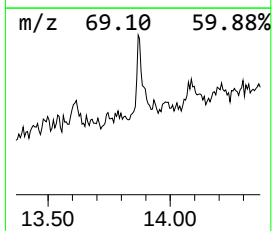
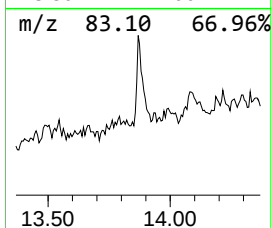
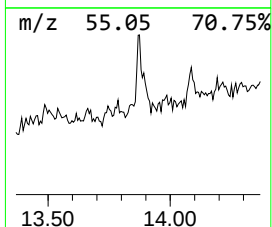
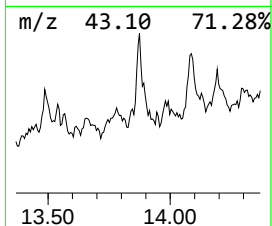
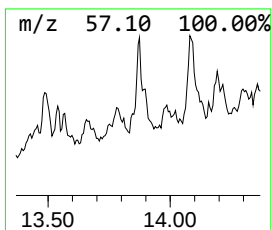
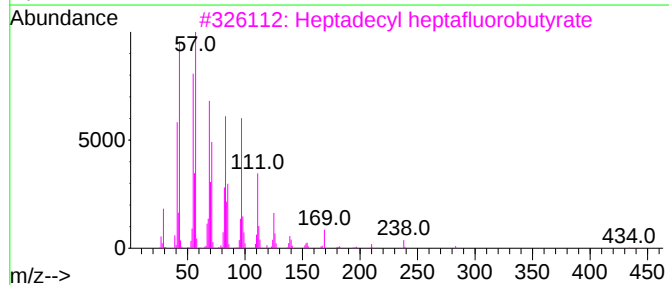
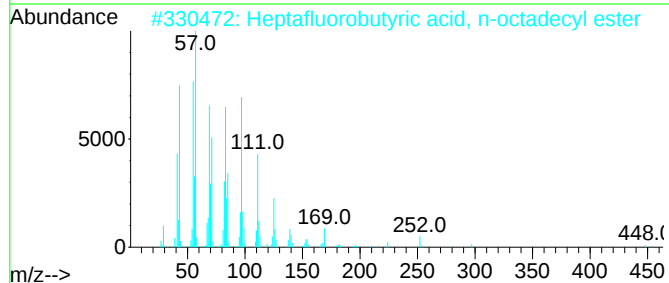
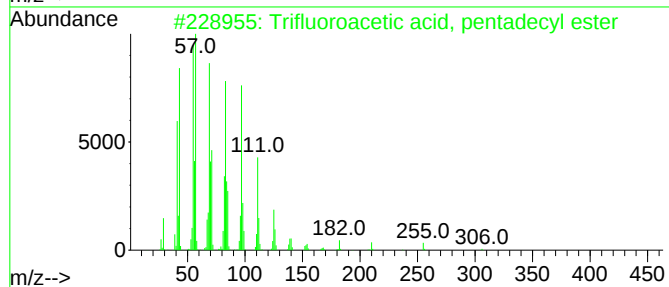
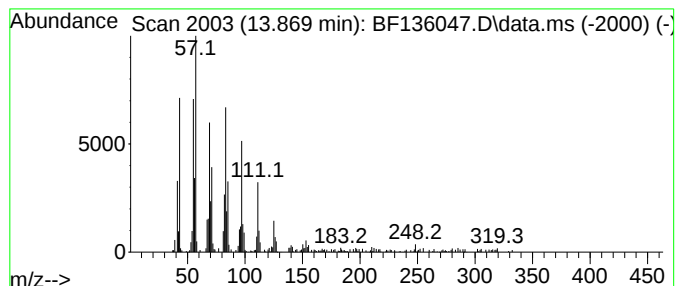
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Trifluoroacetic acid, penta... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.869	5.13 ng	211752	Chrysene-d12	14.010	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	93
2	Heptafluorobutyric acid, n-octad...	466	C22H37F7O2	000400-57-7	91
3	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	91
4	Heptafluorobutyric acid, hexadec...	438	C20H33F7O2	006385-15-5	91
5	Heptadecyl trifluoroacetate	352	C19H35F3O2	1010351-87-0	91



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2-metho...	2.116	11.0	ng	499392	1	6.822	910676	20.0
n-Hexadecanoic ...	11.892	12.6	ng	795626	4	11.351	1261380	20.0
Octadecanoic acid	12.680	9.1	ng	375881	5	14.010	824779	20.0
Trifluoroacetic...	13.869	5.1	ng	211752	5	14.010	824779	20.0