

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051925\
 Data File : BF142449.D
 Acq On : 19 May 2025 14:06
 Operator : RC/JU
 Sample : Q2048-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 L2-WC-1

Integration Parameters: rteint.p
 Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0
 Filtering: 5
 Min Area: 3 % of largest Peak
 Max Peaks: 100
 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: BF142449.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.116	488	497	507	rBV	164600	247981	8.81%	1.205%
2	5.516	559	565	570	rBV	1591488	2088716	74.22%	10.146%
3	6.522	729	736	741	rBV	1768478	2434272	86.49%	11.825%
4	6.898	795	800	806	rBV	612316	768211	27.30%	3.732%
5	7.457	889	895	901	rBV	1012145	1338581	47.56%	6.503%
6	7.710	933	938	944	rBV	30887	41251	1.47%	0.200%
7	8.181	1013	1018	1032	rBV	758160	991496	35.23%	4.816%
8	9.257	1195	1201	1206	rBV	2208642	2756676	97.95%	13.391%
9	9.939	1311	1317	1322	rBV	956759	1197211	42.54%	5.816%
10	10.651	1433	1438	1443	rBV	315091	382252	13.58%	1.857%
11	10.728	1445	1451	1464	rBV	1486779	1908175	67.80%	9.269%
12	11.427	1564	1570	1576	rBV	965059	1246219	44.28%	6.054%
13	11.951	1653	1659	1673	rBV	285364	454728	16.16%	2.209%
14	12.733	1787	1792	1804	rBV	38153	71436	2.54%	0.347%
15	13.010	1833	1839	1844	rBV	2221127	2814381	100.00%	13.672%
16	13.904	1986	1991	2011	rBV	113682	218703	7.77%	1.062%
17	14.063	2013	2018	2033	rVB	607912	813240	28.90%	3.951%
18	14.533	2094	2098	2104	rVB3	18912	28717	1.02%	0.140%
19	15.557	2266	2272	2288	rVB	493476	783370	27.83%	3.805%

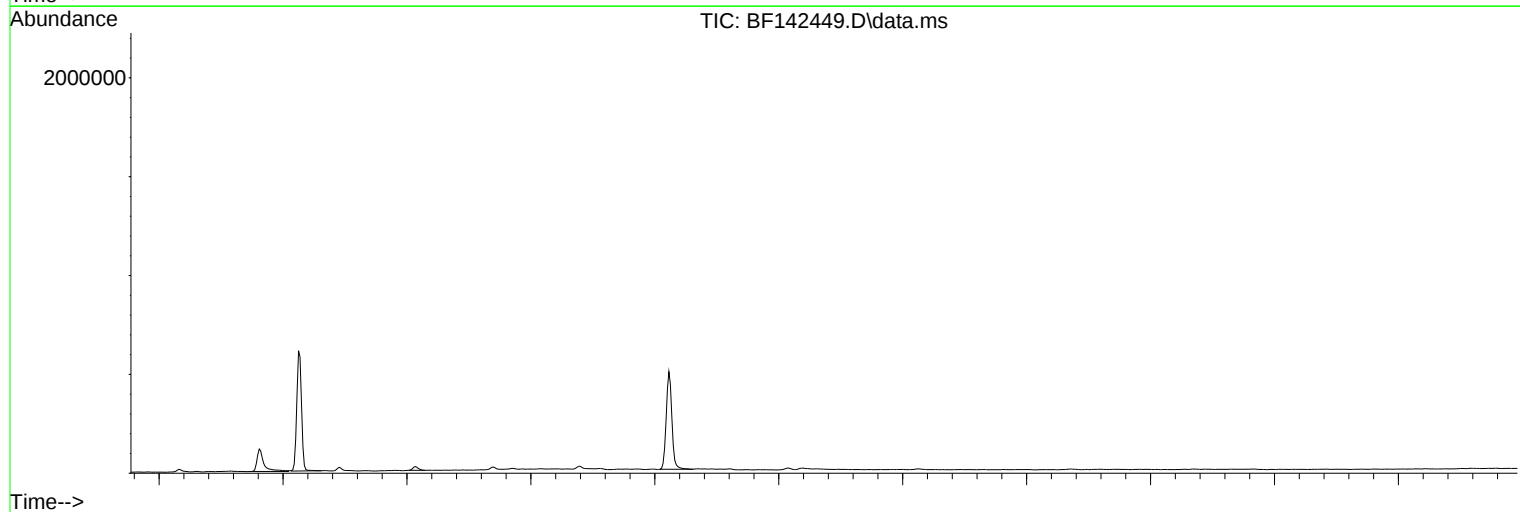
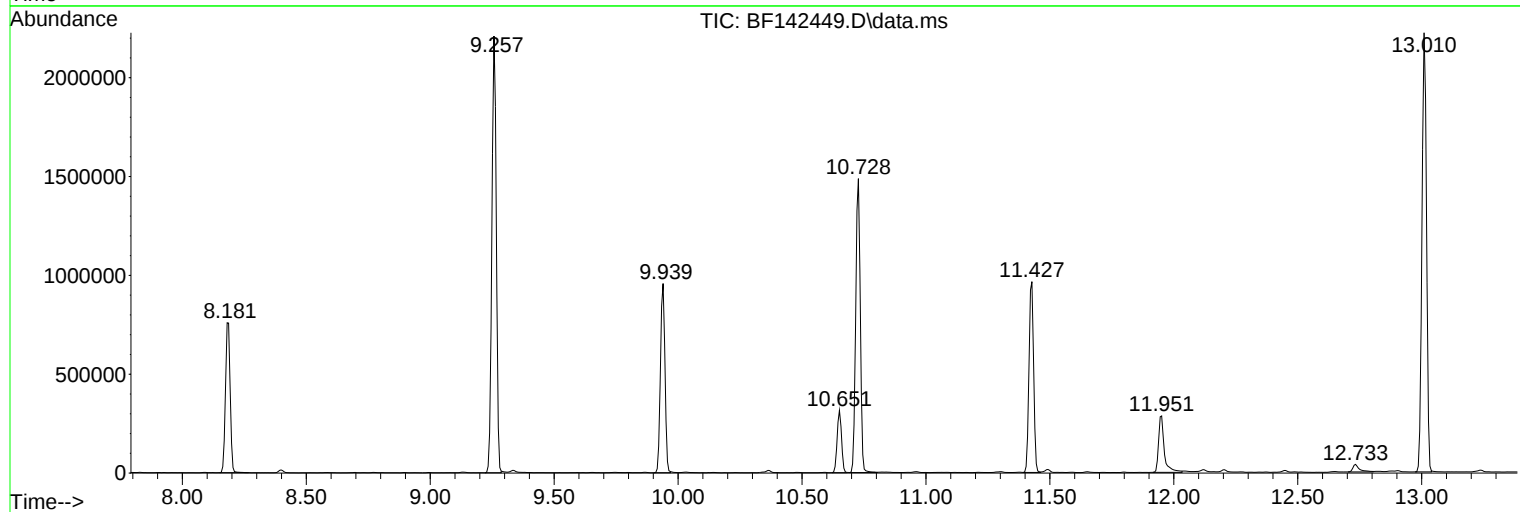
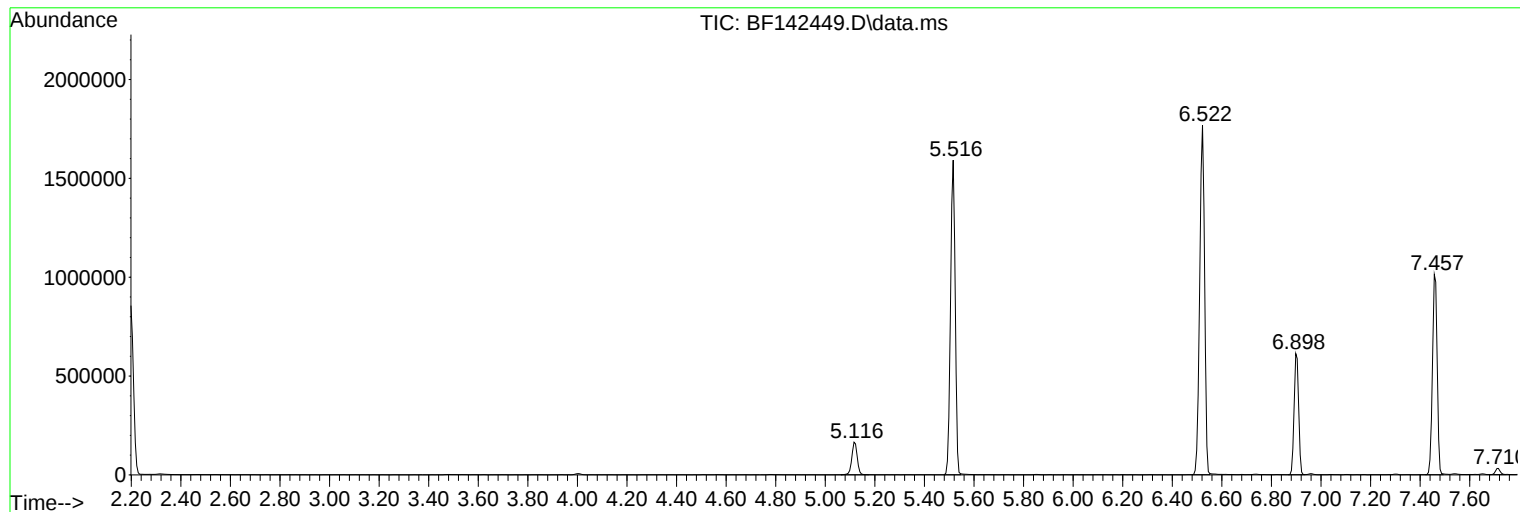
Sum of corrected areas: 20585616

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



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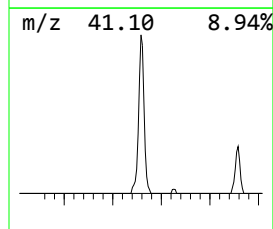
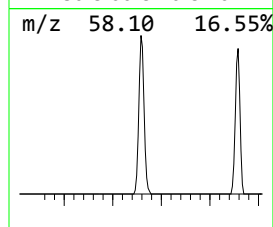
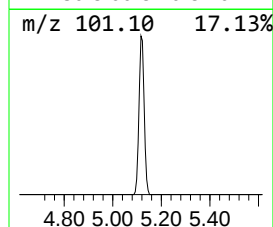
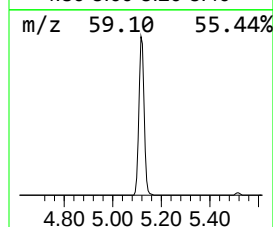
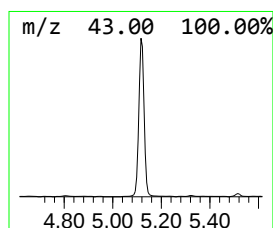
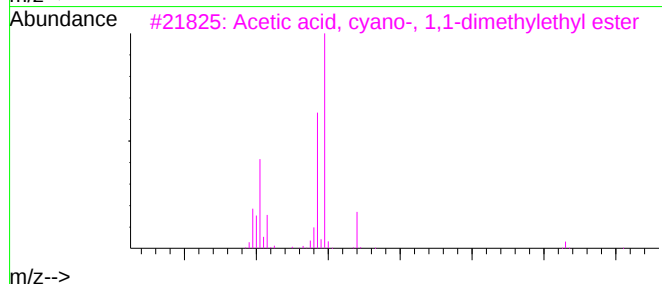
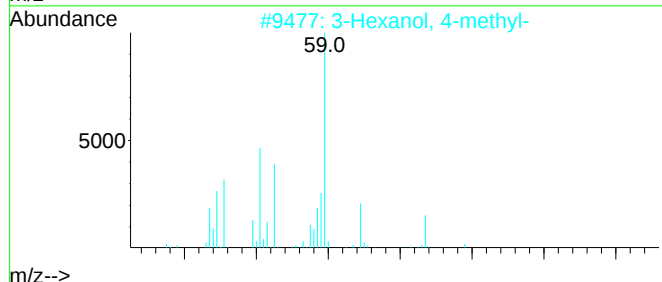
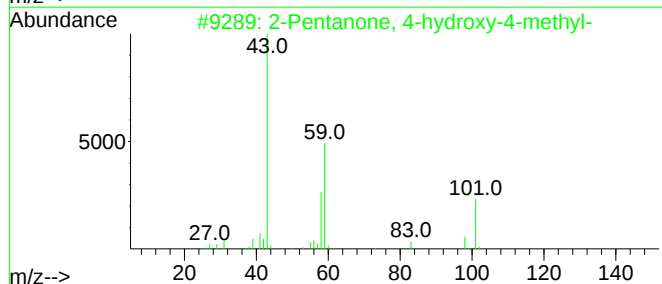
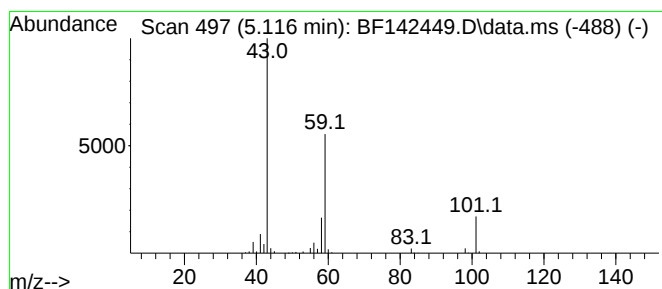
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.	
5.116	6.46 ng	247981	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	64
2	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
4	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	12
5	4-Penten-2-one, 4-methyl-	98	C6H10O	003744-02-3	9



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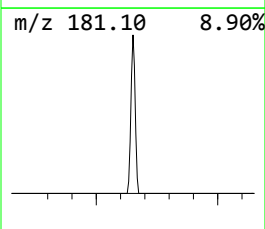
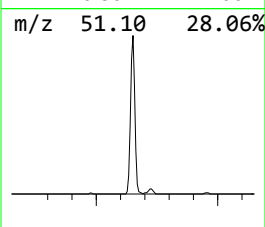
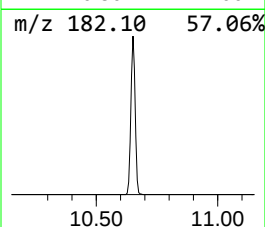
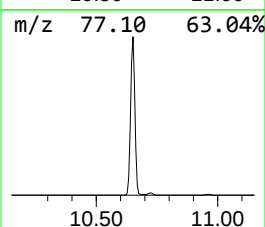
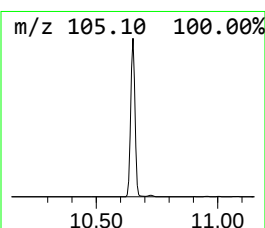
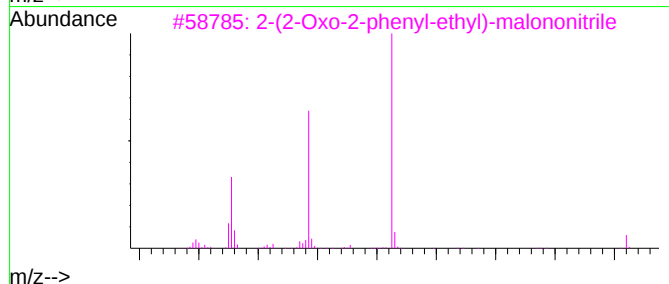
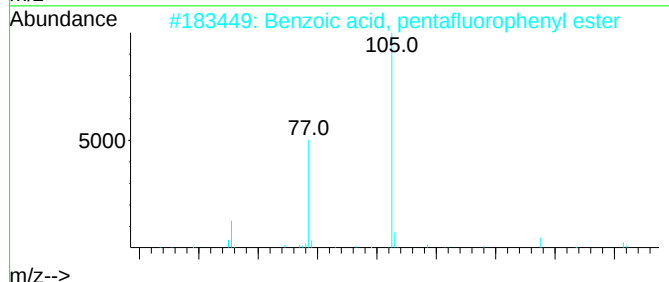
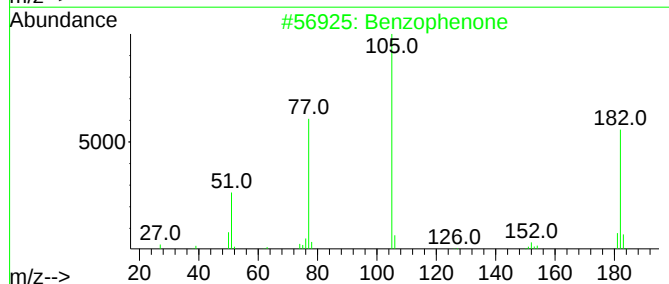
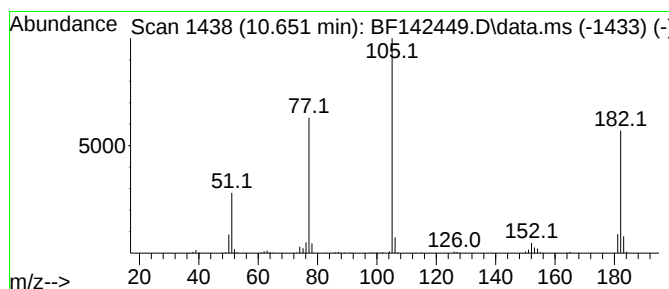
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TIC Integration Parameters: LSCINT.P

Peak Number 2 Benzophenone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.651	6.39 ng	382252	Acenaphthene-d10	9.939	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Benzoic acid, pentafluorophenyl ...	288	C13H5F5O2	1000360-67-9	50
3	2-(2-Oxo-2-phenyl-ethyl)-malonon...	184	C11H8N2O	1000296-76-9	47
4	Acetophenone, 2-chloro-	154	C8H7ClO	000532-27-4	47
5	Benzenebutanoic acid, .gamma.-oxo-	178	C10H10O3	002051-95-8	47



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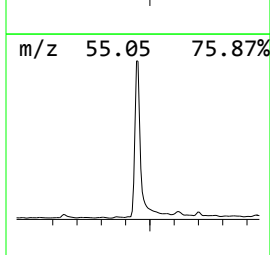
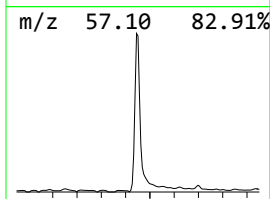
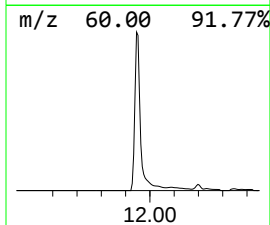
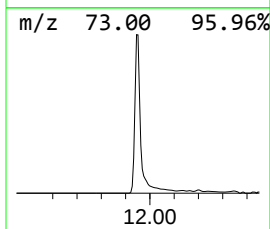
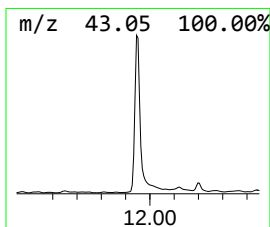
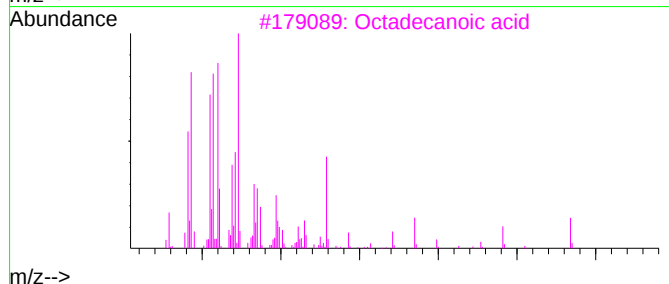
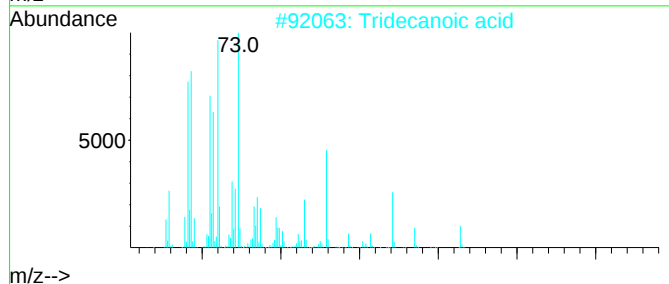
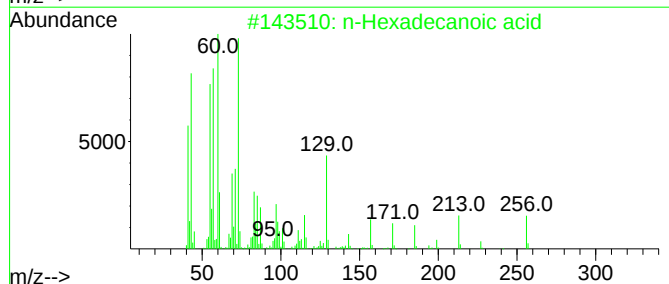
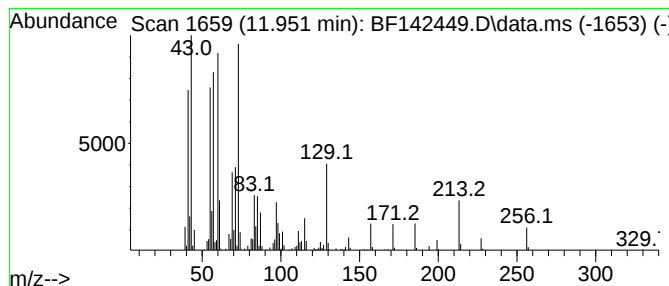
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Peak Number 3 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.951	7.30 ng	454728	Phenanthrene-d10	11.428

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	91
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	72



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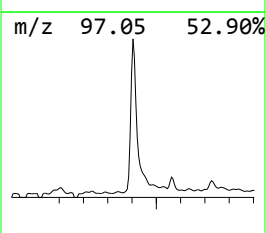
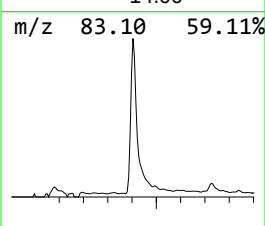
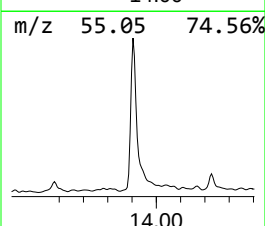
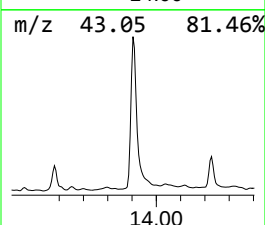
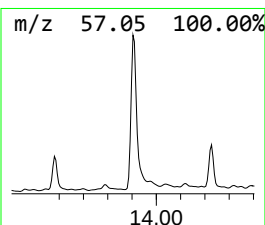
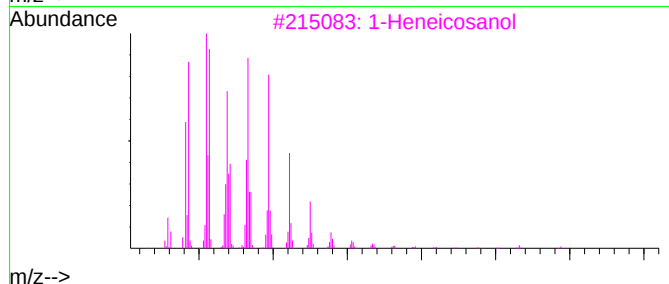
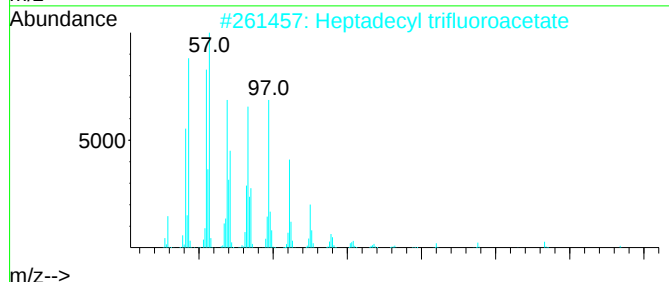
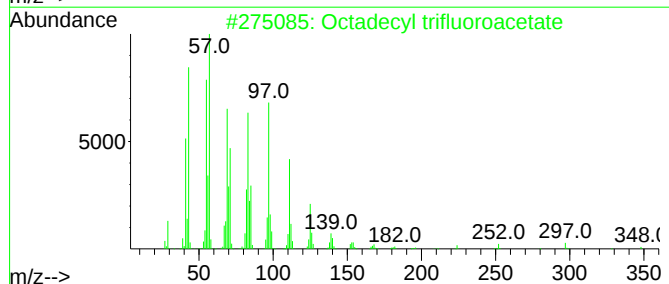
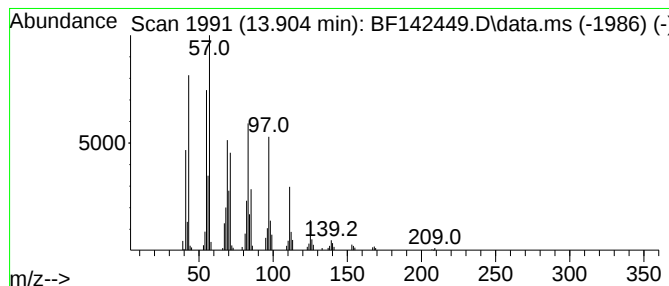
TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 4 Octadecyl trifluoroacetate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.904	5.38 ng	218703	Chrysene-d12	14.063

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecyl trifluoroacetate	366	C20H37F3O2	079392-43-1	94
2	Heptadecyl trifluoroacetate	352	C19H35F3O2	1010351-87-0	94
3	1-Heneicosanol	312	C21H44O	015594-90-8	93
4	Tricosyl pentafluoropropionate	486	C26H47F5O2	1000351-81-0	91
5	Tricosyl heptafluorobutyrate	536	C27H47F7O2	1000351-83-4	91



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-...	5.116	6.5	ng	247981	1	6.898	768211	20.0
Benzophenone	10.651	6.4	ng	382252	3	9.939	1197210	20.0
n-Hexadecanoic ...	11.951	7.3	ng	454728	4	11.428	1246220	20.0
Octadecyl trifl...	13.904	5.4	ng	218703	5	14.063	813240	20.0