

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF053025\
 Data File : BF142569.D
 Acq On : 30 May 2025 14:52
 Operator : RC/JU
 Sample : Q2150-05
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-47

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: BF142569.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.305	14	19	33	rVB2	23803	43463	1.76%	0.253%
2	5.116	489	497	508	rBV	161275	238633	9.64%	1.391%
3	5.516	559	565	570	rBV	1521441	1982878	80.14%	11.557%
4	6.522	729	736	747	rVB	1471626	2045280	82.66%	11.921%
5	6.898	795	800	805	rBV	550419	678910	27.44%	3.957%
6	7.457	889	895	900	rBV	1003469	1306695	52.81%	7.616%
7	7.710	934	938	944	rVB	28059	34336	1.39%	0.200%
8	8.181	1012	1018	1026	rBV	703631	879909	35.56%	5.129%
9	9.257	1195	1201	1206	rBV	1941885	2474302	100.00%	14.421%
10	9.939	1311	1317	1322	rBV	757613	978352	39.54%	5.702%
11	10.651	1432	1438	1445	rBV	168011	212672	8.60%	1.240%
12	10.728	1445	1451	1461	rBV	1171370	1524740	61.62%	8.887%
13	11.422	1564	1569	1576	rBV	700093	910343	36.79%	5.306%
14	11.945	1651	1658	1680	rBV	269944	455982	18.43%	2.658%
15	12.645	1772	1777	1786	rBV6	11212	33255	1.34%	0.194%
16	12.733	1786	1792	1805	rVV	85848	162859	6.58%	0.949%
17	13.010	1833	1839	1844	rBV	1463095	1841426	74.42%	10.733%
18	13.904	1986	1991	2005	rBV	61133	138903	5.61%	0.810%
19	14.068	2011	2019	2026	rVB	422603	567387	22.93%	3.307%
20	15.198	2207	2211	2219	rBV7	12607	24746	1.00%	0.144%
21	15.563	2267	2273	2283	rVB	399645	621975	25.14%	3.625%

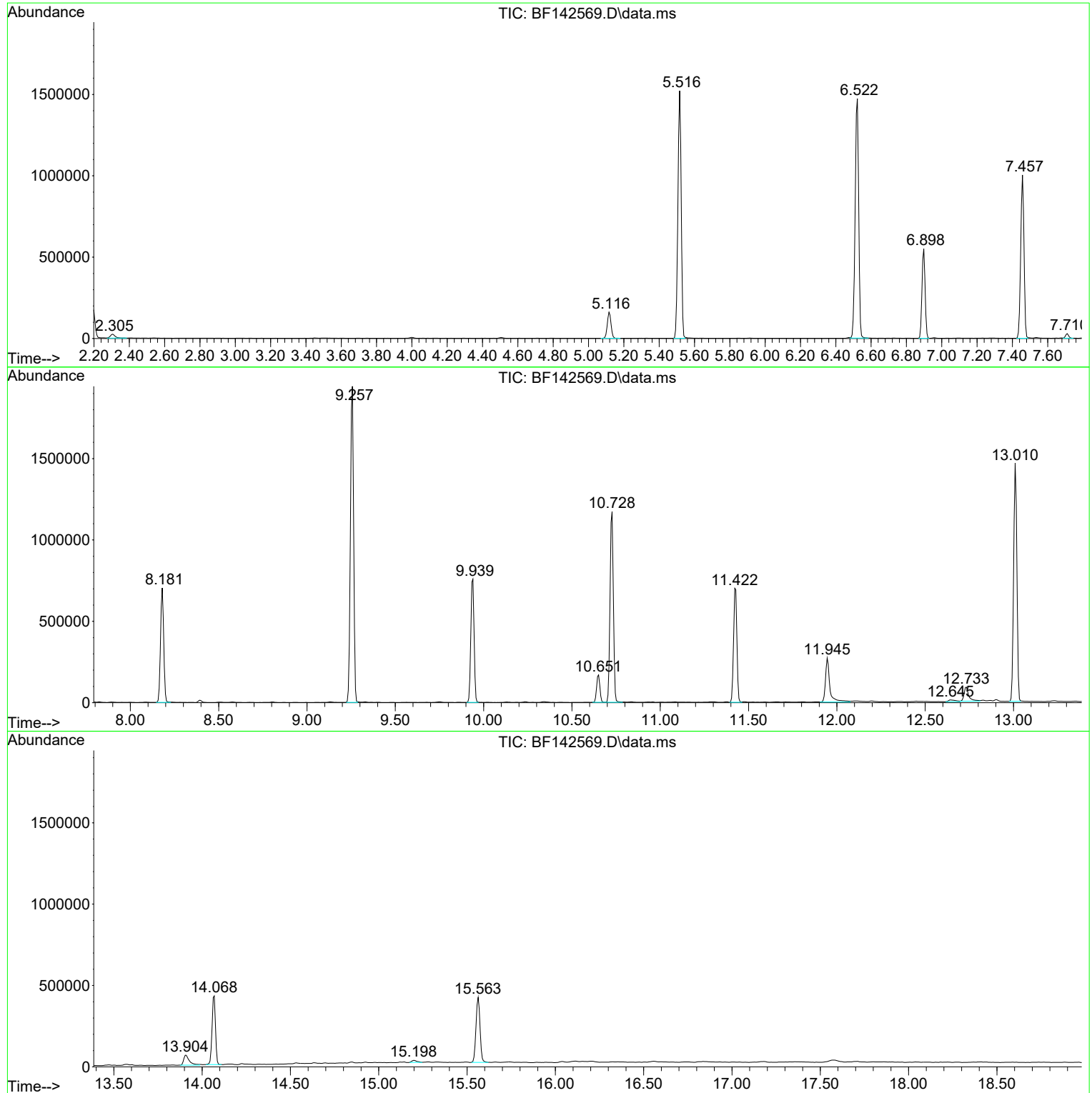
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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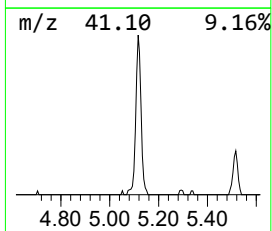
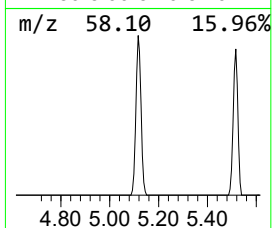
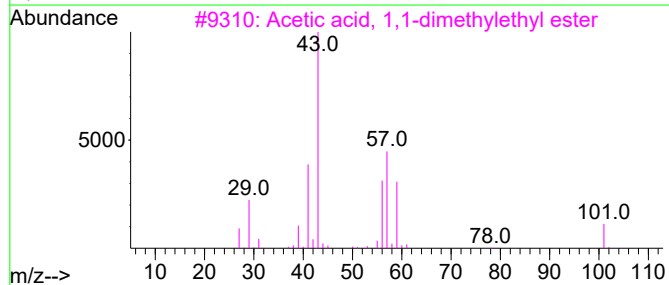
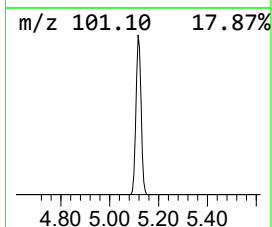
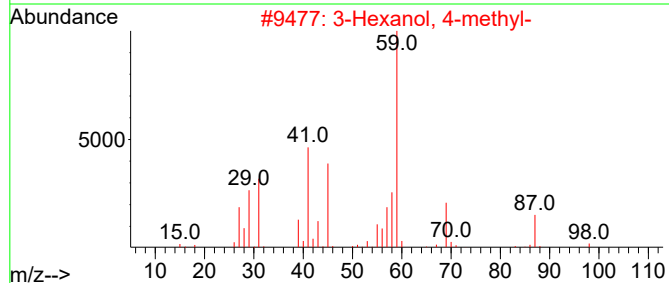
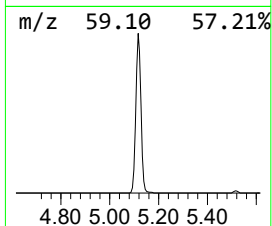
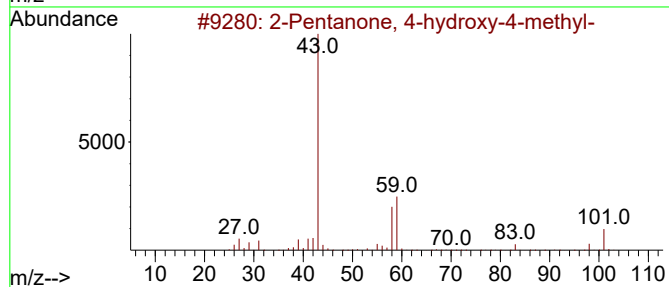
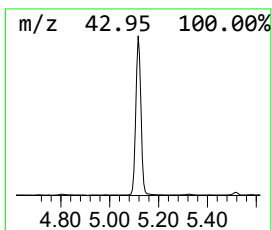
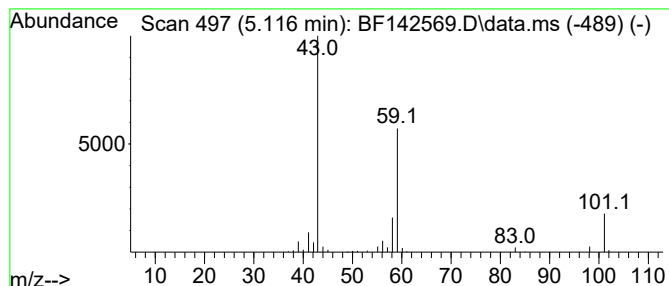
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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	7.03 ng	238633	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			3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
3			Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	28
4			Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
5			1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	12



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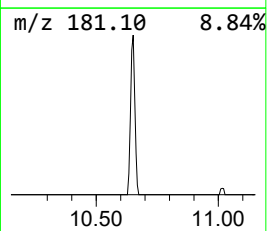
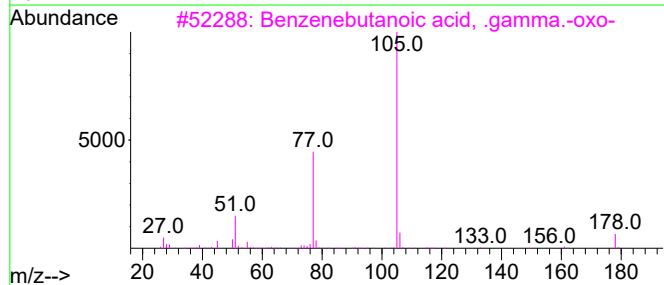
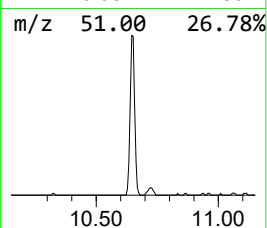
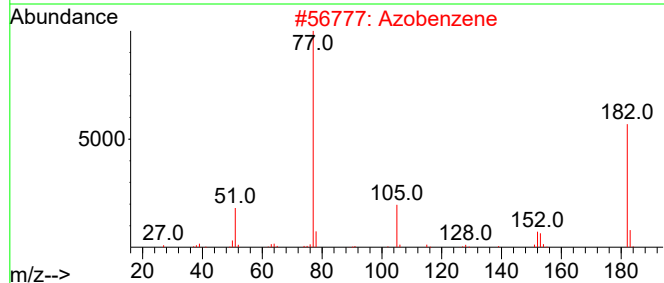
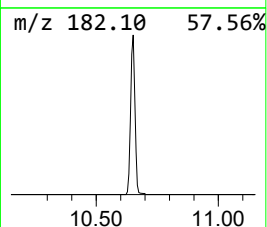
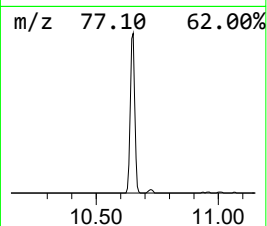
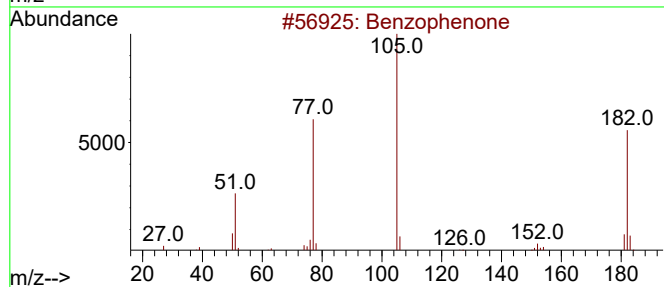
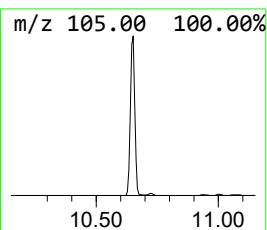
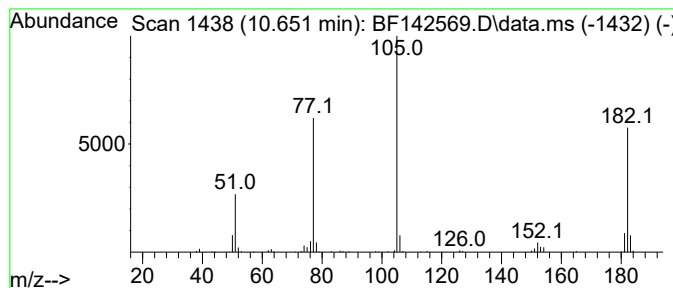
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TIC Library : C:\Database\NIST20.L
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Peak Number 2 Benzophenone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.651	4.35 ng	212672	Acenaphthene-d10	9.939

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			Benzenebutanoic acid, .gamma.-oxo-	178	C10H10O3	002051-95-8	47
4			Benzeneacetic acid, .alpha.-oxo-...	178	C10H10O3	001603-79-8	47
5			2-Benzoyl-4-bromo-5-methyl-1,2-o...	281	C11H8BrNO3	1000444-92-3	47



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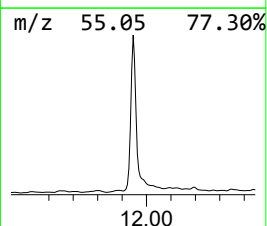
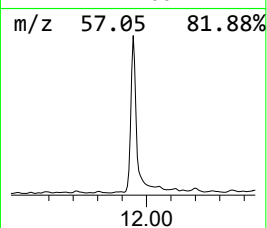
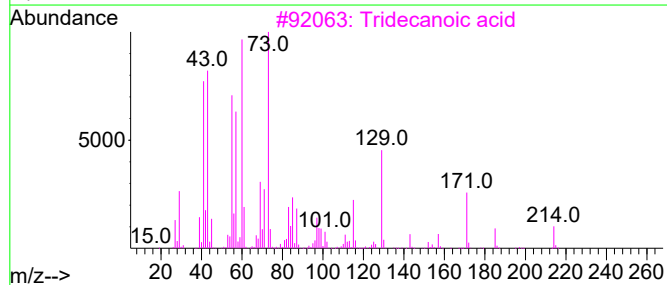
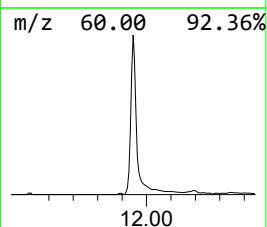
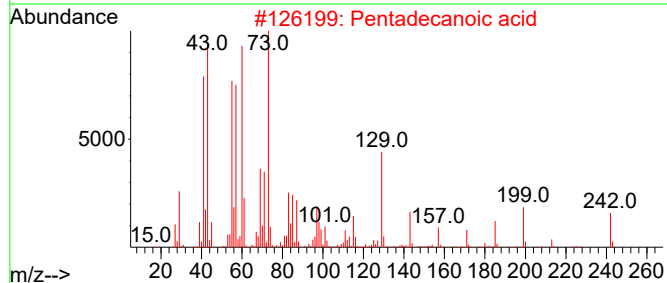
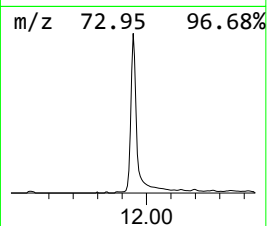
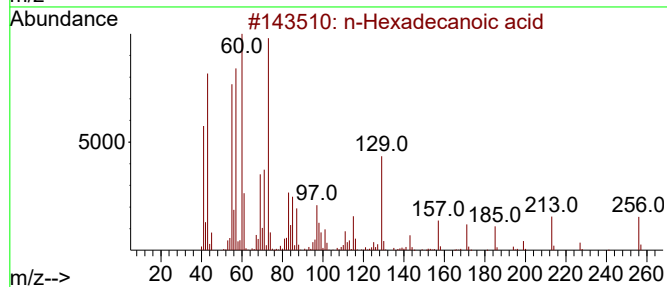
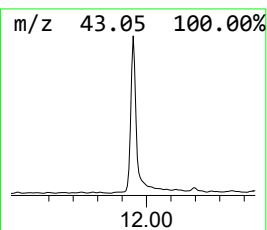
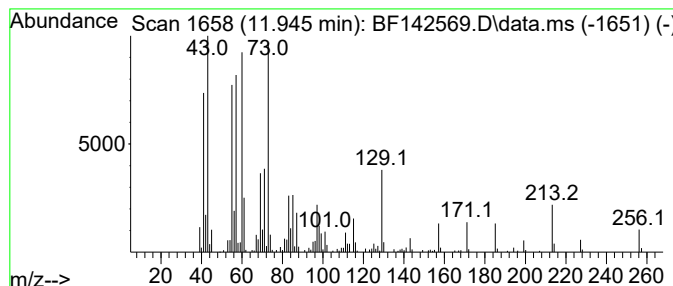
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Peak Number 3 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.945	10.02 ng	455982	Phenanthrene-d10	11.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2			Pentadecanoic acid	242	C15H30O2	001002-84-2	91
3			Tridecanoic acid	214	C13H26O2	000638-53-9	91
4			n-Decanoic acid	172	C10H20O2	000334-48-5	70
5			Tetradecanoic acid	228	C14H28O2	000544-63-8	62



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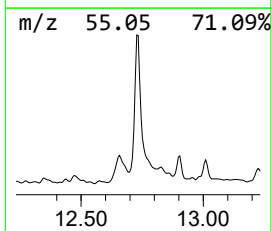
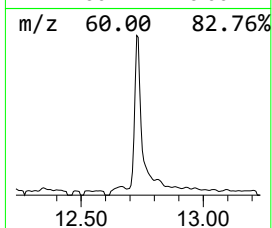
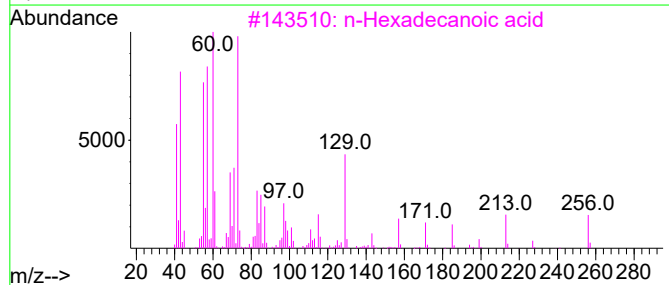
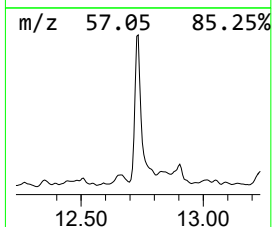
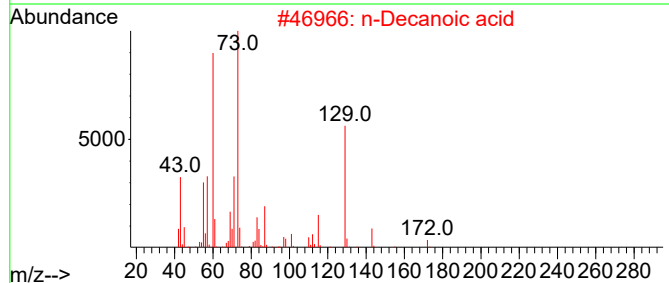
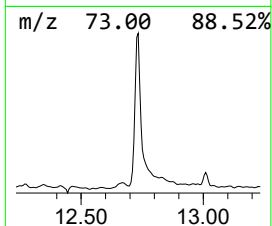
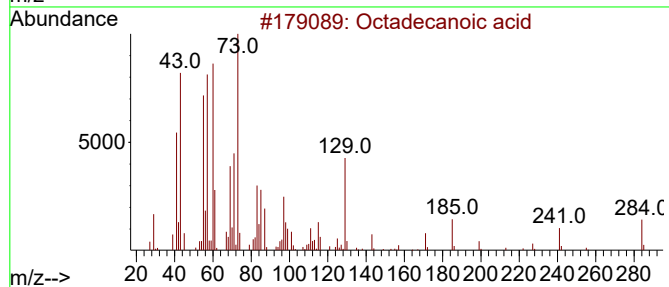
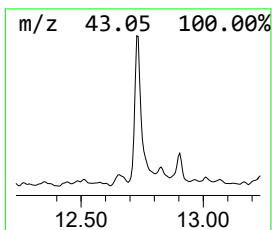
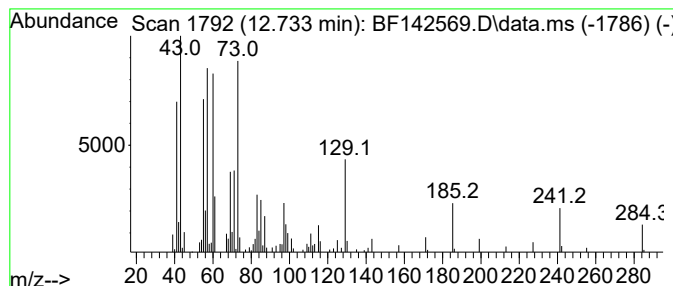
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Peak Number 4 Octadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.733	3.58 ng	162859	Phenanthrene-d10	11.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	99
2			n-Decanoic acid	172	C10H20O2	000334-48-5	87
3			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	83
4			Tetradecanoic acid	228	C14H28O2	000544-63-8	74
5			Pentadecanoic acid	242	C15H30O2	001002-84-2	70



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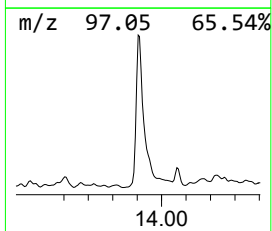
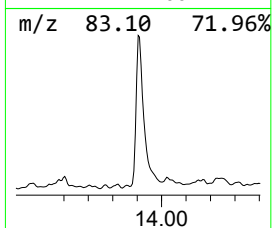
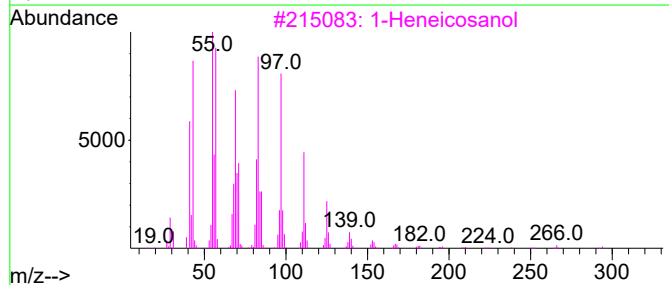
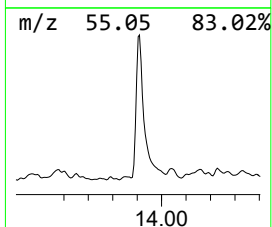
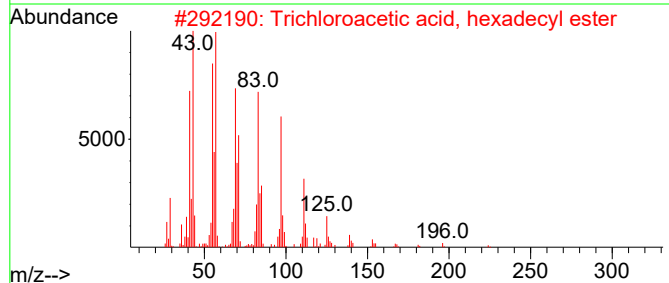
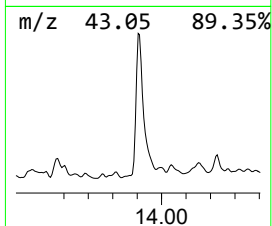
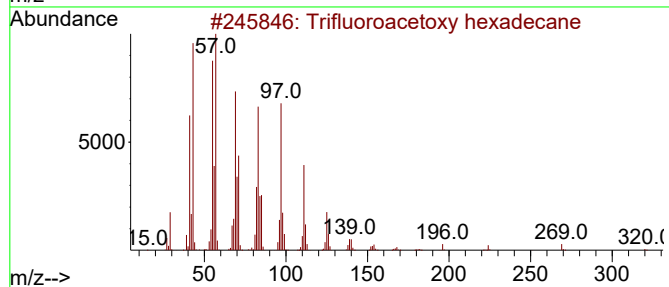
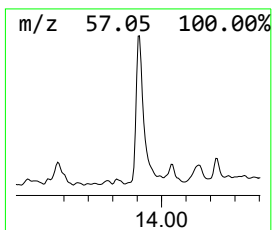
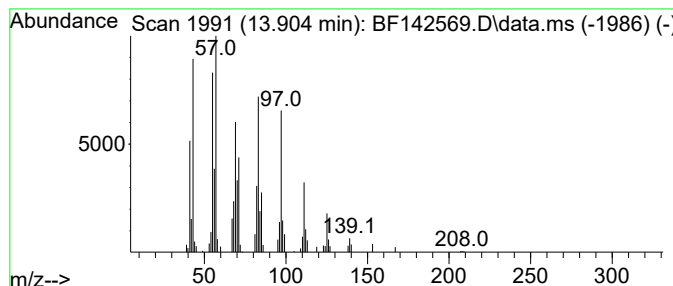
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TIC Integration Parameters: LSCINT.P

Peak Number 5 Trifluoroacetoxy hexadecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.904	4.90 ng	138903	Chrysene-d12	14.069	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	95
2	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	94
3	1-Heneicosanol	312	C21H44O	015594-90-8	93
4	Octacosanol	410	C28H58O	000557-61-9	93
5	1-Heptacosanol	396	C27H56O	002004-39-9	93



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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-...	5.116	7.0	ng	238633	1	6.898	678910	20.0
Benzophenone	10.651	4.3	ng	212672	3	9.939	978352	20.0
n-Hexadecanoic ...	11.945	10.0	ng	455982	4	11.422	910343	20.0
Octadecanoic acid	12.733	3.6	ng	162859	4	11.422	910343	20.0
Trifluoroacetox...	13.904	4.9	ng	138903	5	14.069	567387	20.0