

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051325\
 Data File : BF142340.D
 Acq On : 13 May 2025 12:47
 Operator : RC/JU
 Sample : Q1993-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-3-20250508

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: BF142340.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	490	497	503	rVB	150732	222984	3.42%	0.588%
2	5.510	558	564	570	rBV	1985799	2613699	40.06%	6.889%
3	6.516	729	735	743	rBV	1310104	1704905	26.13%	4.494%
4	6.904	795	801	806	rBV	1030457	1272304	19.50%	3.353%
5	7.463	883	896	901	rBV	2687494	3667696	56.21%	9.667%
6	8.186	1013	1019	1033	rVB	1303710	1712979	26.25%	4.515%
7	9.263	1195	1202	1207	rBV	4892336	6524647	100.00%	17.197%
8	9.939	1311	1317	1322	rBV	1527886	1914432	29.34%	5.046%
9	10.357	1382	1388	1393	rBV	2241462	2802303	42.95%	7.386%
10	10.657	1434	1439	1445	rBV	223150	291176	4.46%	0.767%
11	10.727	1445	1451	1457	rBV	3206151	4308203	66.03%	11.355%
12	11.263	1539	1542	1547	rBV	47927	71796	1.10%	0.189%
13	11.427	1565	1570	1576	rVB	1450092	1799975	27.59%	4.744%
14	11.704	1613	1617	1624	rBV	43951	78931	1.21%	0.208%
15	11.951	1653	1659	1664	rBV2	396298	621221	9.52%	1.637%
16	12.404	1732	1736	1741	rBV	69176	94379	1.45%	0.249%
17	12.739	1788	1793	1798	rBV	205054	327772	5.02%	0.864%
18	13.015	1834	1840	1845	rBV	4062392	5275891	80.86%	13.906%
19	13.915	1989	1993	2000	rVB	44165	68040	1.04%	0.179%
20	14.062	2011	2018	2025	rBV2	862865	1343033	20.58%	3.540%
21	15.556	2266	2272	2285	rVB	771273	1223740	18.76%	3.225%

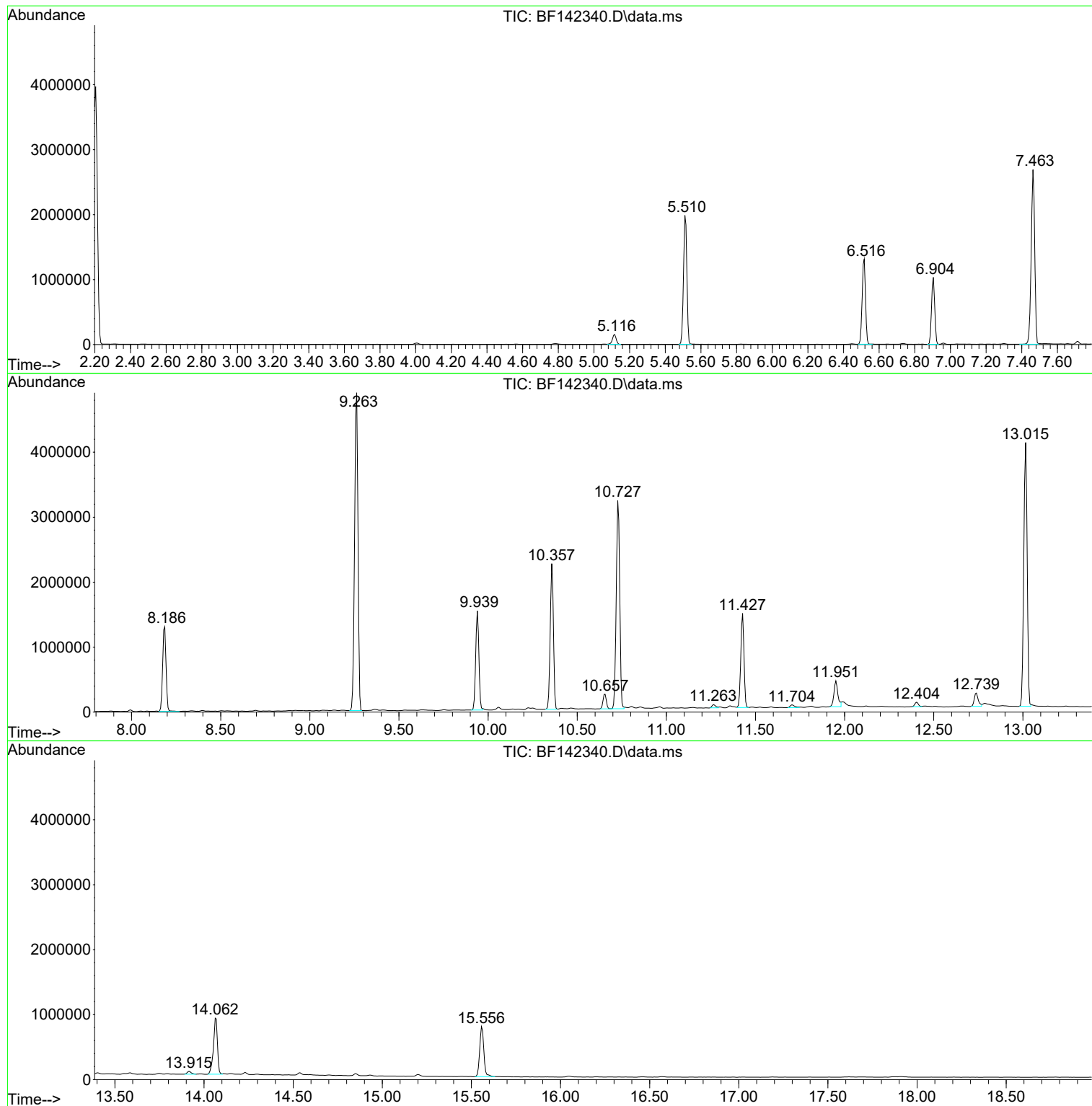
Sum of corrected areas: 37940106

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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



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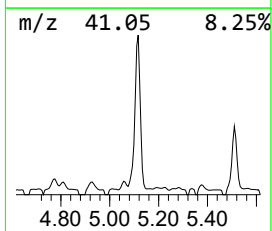
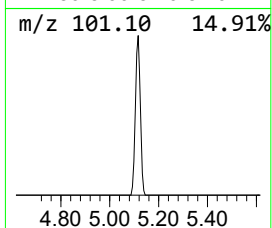
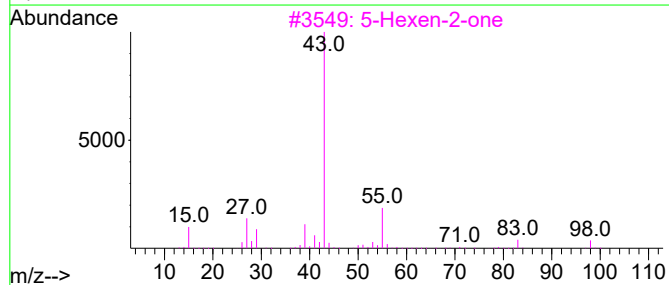
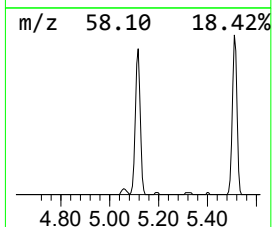
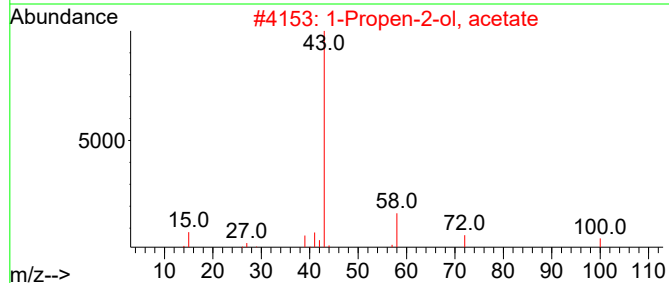
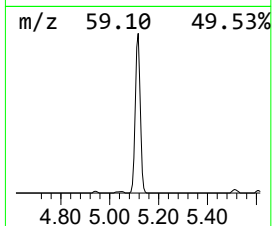
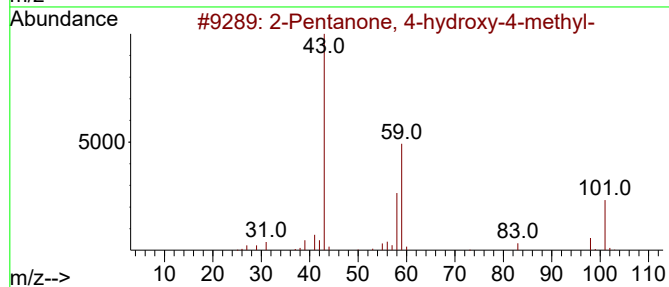
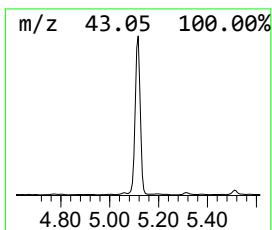
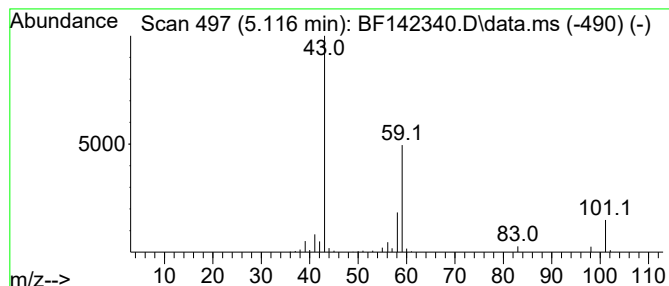
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.116	3.51 ng	222984	1,4-Dichlorobenzene-d4	6.904

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64		
2	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	12		
3	5-Hexen-2-one	98	C6H10O	000109-49-9	9		
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9		
5	Allyl acetate	100	C5H8O2	000591-87-7	9		



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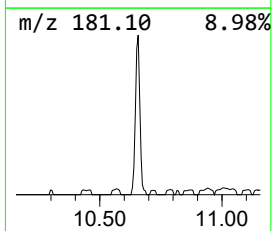
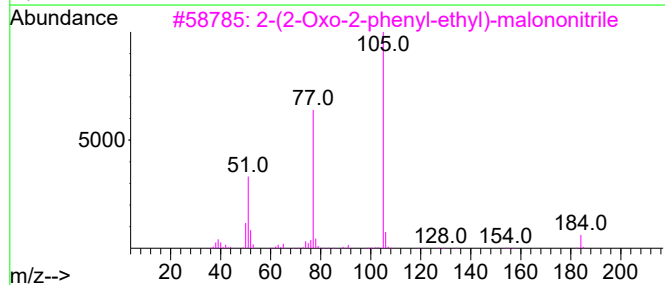
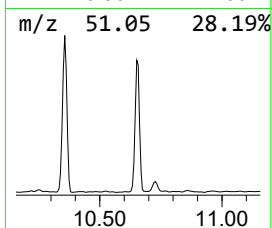
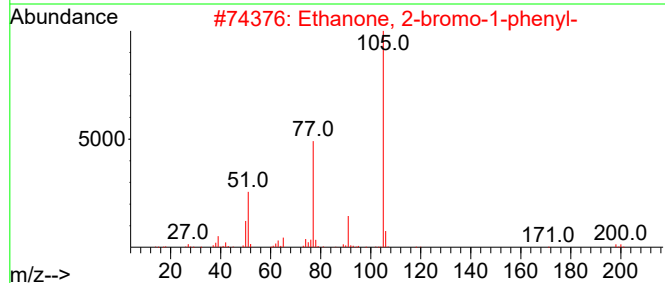
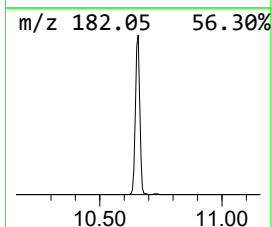
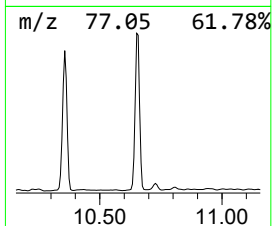
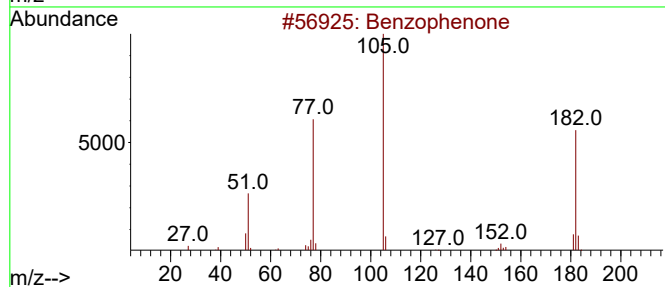
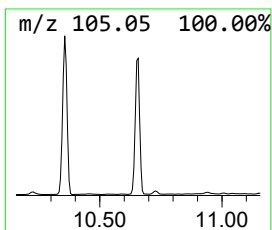
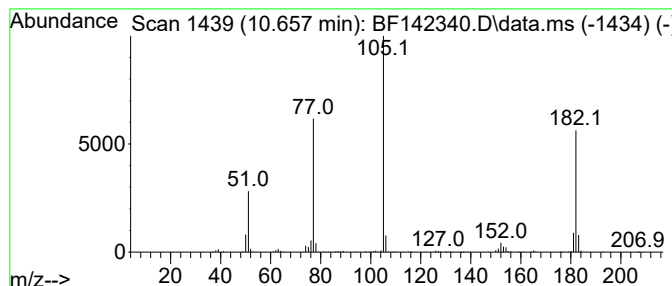
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Peak Number 2 Benzophenone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.657	3.04 ng	291176	Acenaphthene-d10	9.939

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzophenone	182	C13H10O	000119-61-9	96
2			Ethanone, 2-bromo-1-phenyl-	198	C8H7BrO	000070-11-1	47
3			2-(2-Oxo-2-phenyl-ethyl)-malononitrile	184	C11H8N2O	1000296-76-9	47
4			2-Benzoyl-4-bromo-5-methyl-1,2-o...	281	C11H8BrNO3	1000444-92-3	47
5			N-(1-Cyanovinyl)benzamide	172	C10H8N2O	1000186-19-1	47



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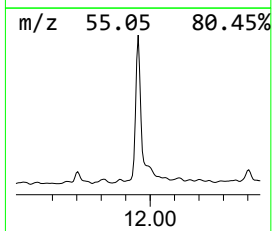
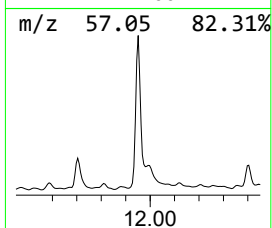
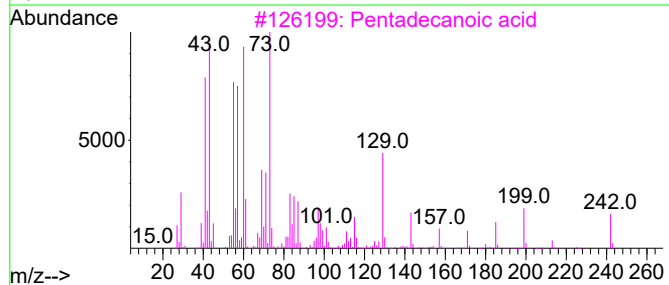
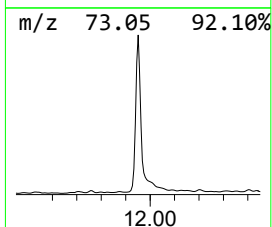
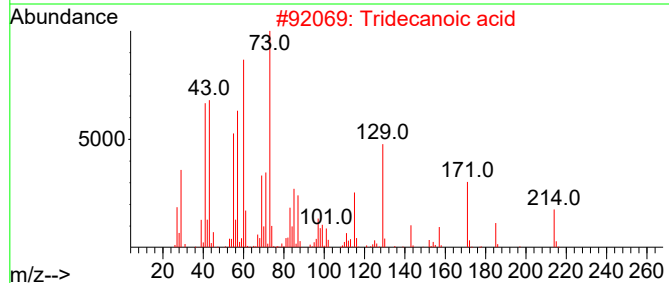
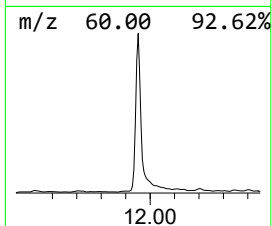
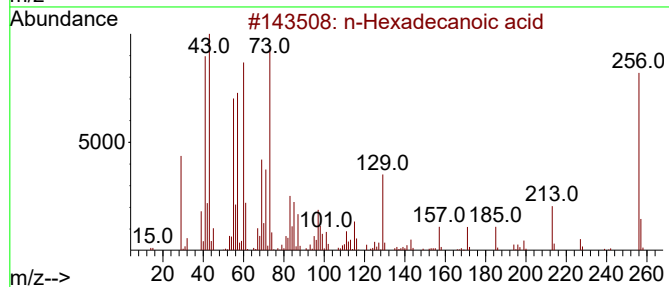
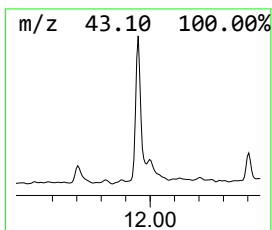
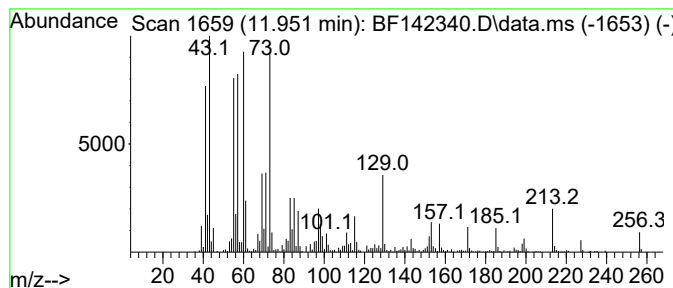
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Peak Number 3 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.951	6.90 ng	621221	Phenanthrene-d10	11.427

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2		Tridecanoic acid	214	C13H26O2	000638-53-9	95
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	91
4		n-Decanoic acid	172	C10H20O2	000334-48-5	90
5		Tetradecanoic acid	228	C14H28O2	000544-63-8	72



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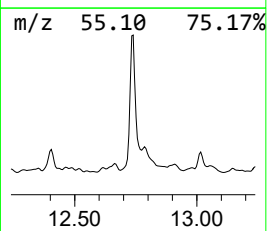
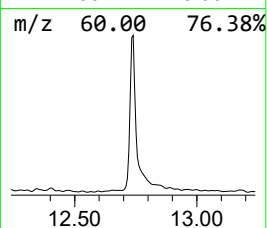
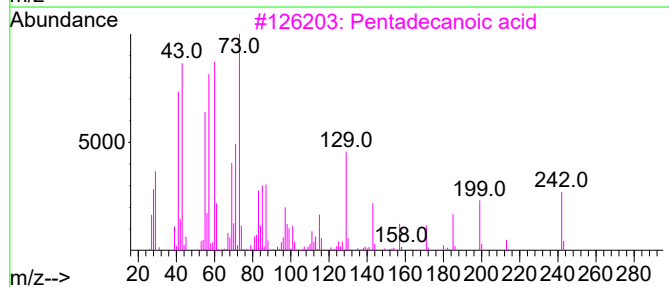
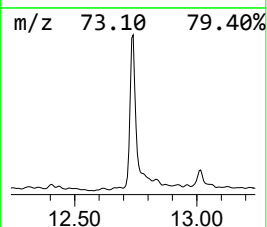
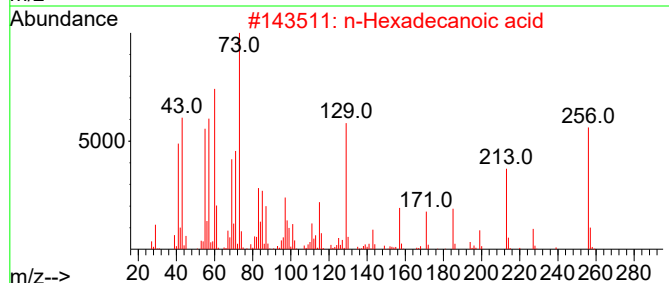
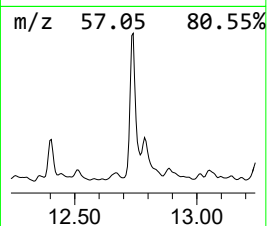
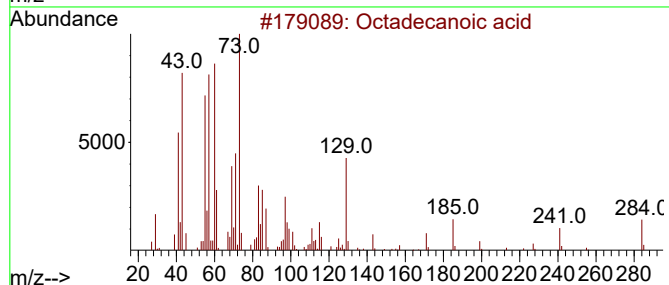
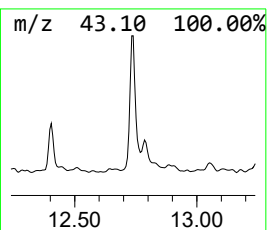
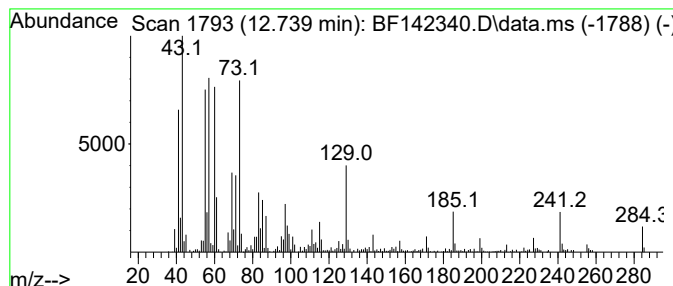
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Peak Number 4 Octadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.739	3.64 ng	327772	Phenanthrene-d10	11.427

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	99
2			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	90
3			Pentadecanoic acid	242	C15H30O2	001002-84-2	68
4			Tetradecanoic acid	228	C14H28O2	000544-63-8	68
5			Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	64



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-...	5.116	3.5	ng	222984	1	6.904	1272300	20.0
Benzophenone	10.657	3.0	ng	291176	3	9.939	1914430	20.0
n-Hexadecanoic ...	11.951	6.9	ng	621221	4	11.427	1799980	20.0
Octadecanoic acid	12.739	3.6	ng	327772	4	11.427	1799980	20.0