

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101723\
 Data File : BF135811.D
 Acq On : 17 Oct 2023 14:37
 Operator : CG\JU
 Sample : 04724-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-1

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-BF101323.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF135811.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.340	380	383	393	rBV2	15741	35150	1.29%	0.250%
2	4.951	483	487	506	rBV	391966	504966	18.57%	3.596%
3	5.375	556	559	583	rBV	889687	1226621	45.11%	8.734%
4	5.757	621	624	634	rBV	36776	42714	1.57%	0.304%
5	6.392	729	732	757	rBV	484346	734577	27.02%	5.230%
6	6.734	787	790	799	rBV	445349	444454	16.35%	3.165%
7	7.304	883	887	910	rBV	1780092	1764632	64.90%	12.565%
8	8.016	1005	1008	1024	rBV	628318	580598	21.35%	4.134%
9	9.098	1188	1192	1195	rBV	2998393	2719042	100.00%	19.361%
10	9.774	1303	1307	1318	rBV	662132	579554	21.31%	4.127%
11	10.569	1439	1442	1452	rBV	1449393	1503213	55.28%	10.703%
12	11.269	1558	1561	1571	rBV	580775	509258	18.73%	3.626%
13	11.804	1648	1652	1666	rBV2	126039	172124	6.33%	1.226%
14	12.521	1768	1774	1778	rBV8	15871	33373	1.23%	0.238%
15	12.598	1783	1787	1792	rBV2	46915	70893	2.61%	0.505%
16	12.868	1828	1833	1836	rBV	2473680	2211672	81.34%	15.748%
17	13.845	1995	1999	2006	rBV5	24569	53848	1.98%	0.383%
18	13.933	2011	2014	2020	rBV	425190	426803	15.70%	3.039%
19	14.692	2139	2143	2147	rVB3	25292	34393	1.26%	0.245%
20	15.415	2261	2266	2273	rVB	287622	396279	14.57%	2.822%

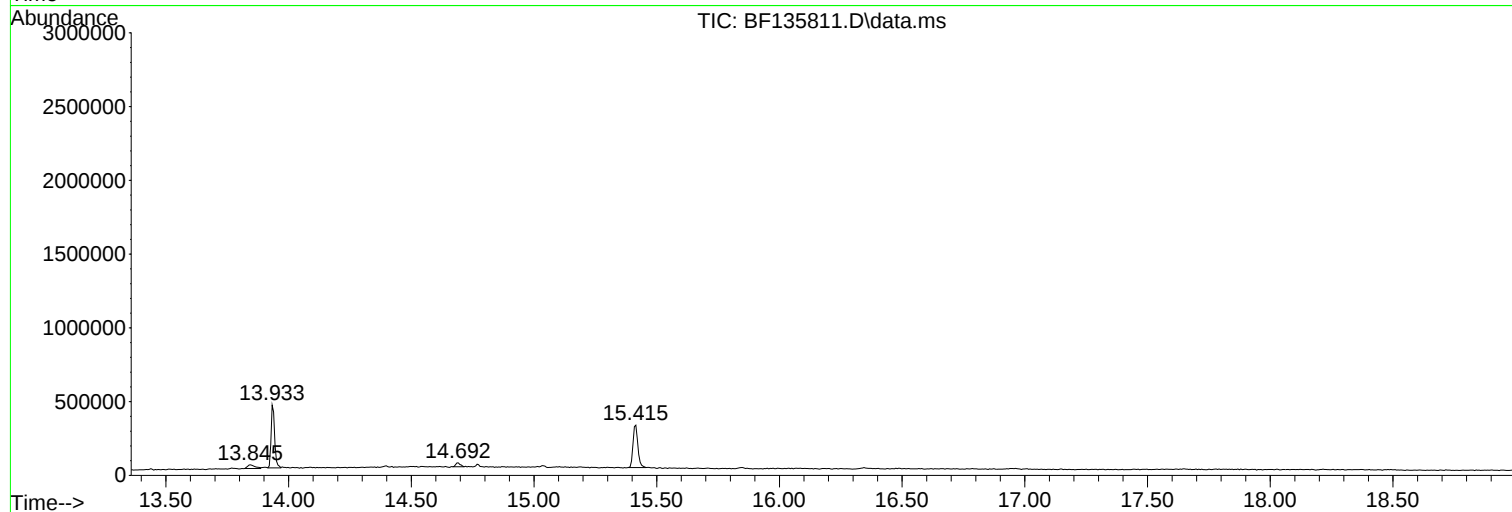
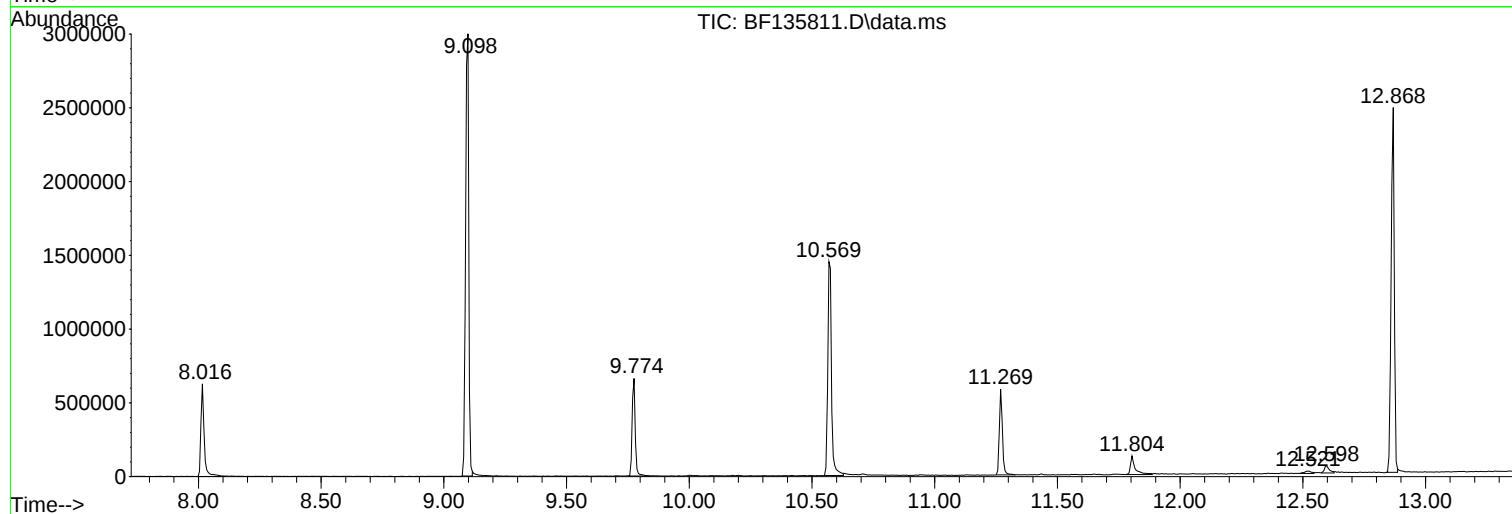
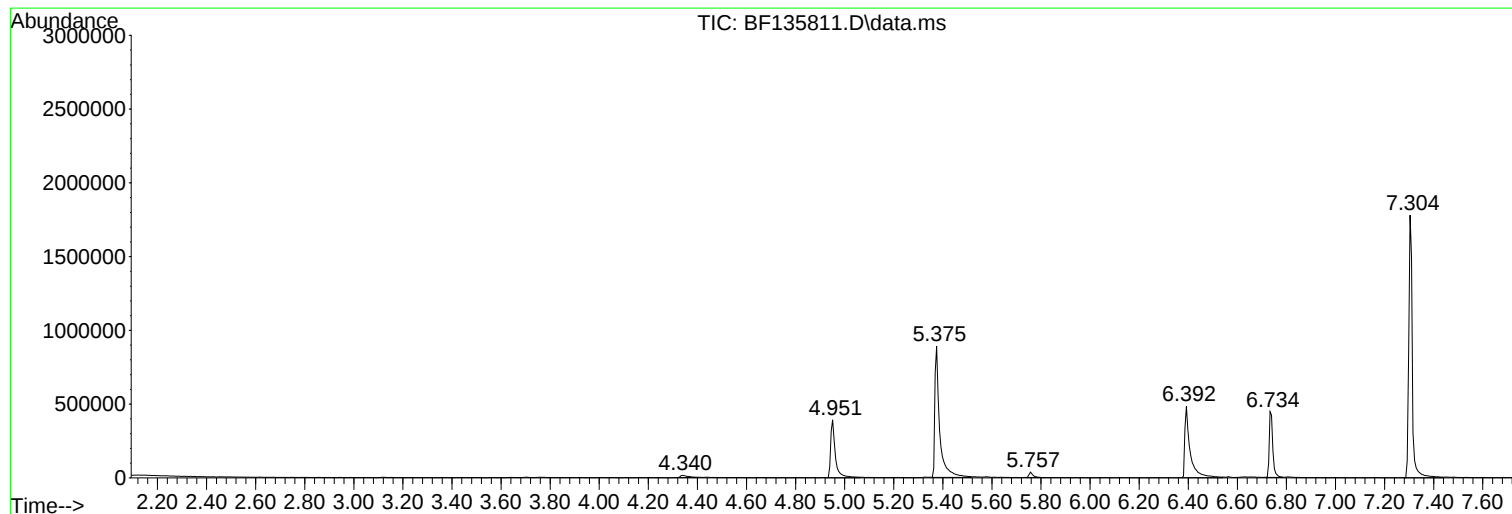
Sum of corrected areas: 14044164

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TIC Library : C:\Database\NIST20.L
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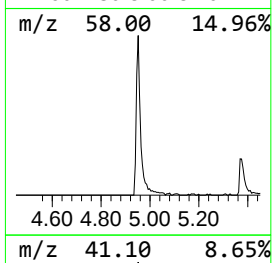
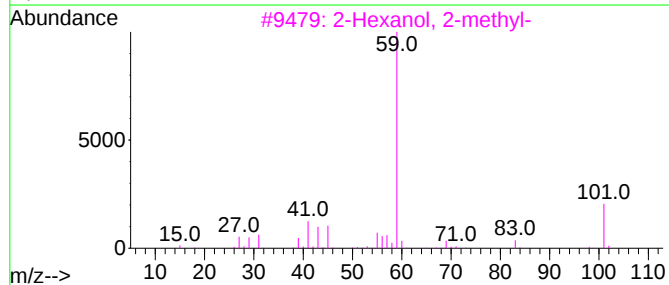
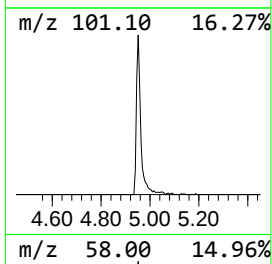
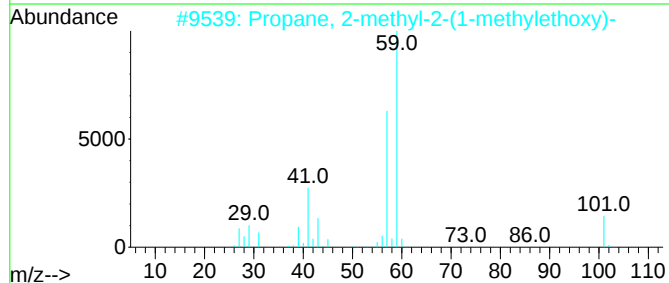
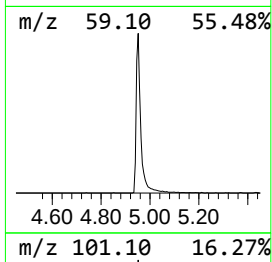
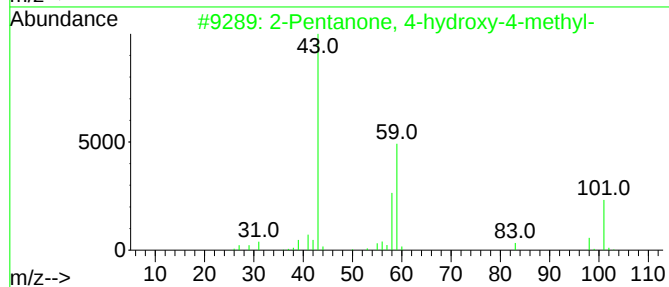
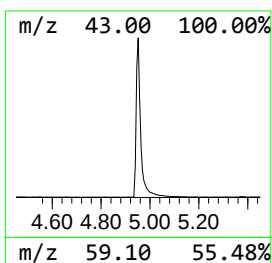
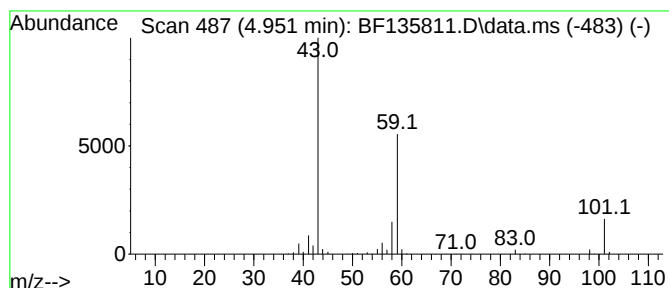
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Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.951	22.72 ng	504966	1,4-Dichlorobenzene-d4	6.739

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64		
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	42		
3	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33		
4	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33		
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25		



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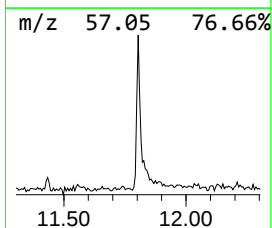
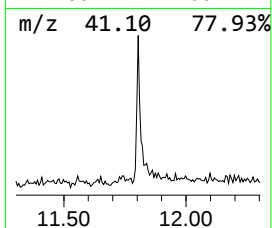
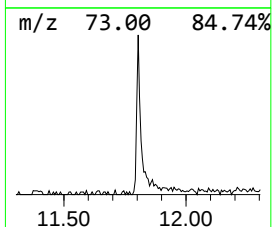
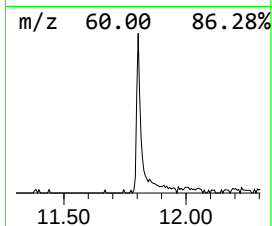
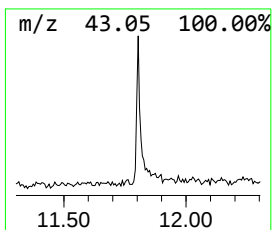
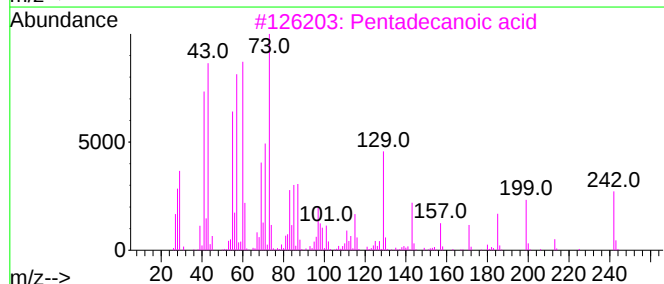
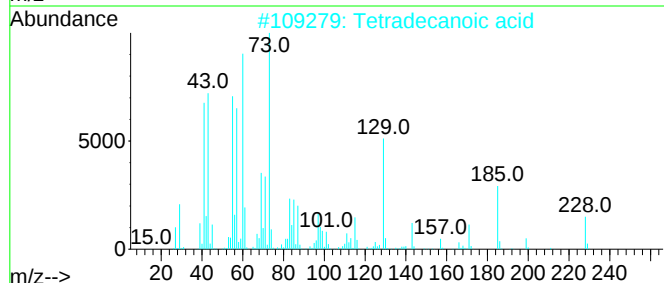
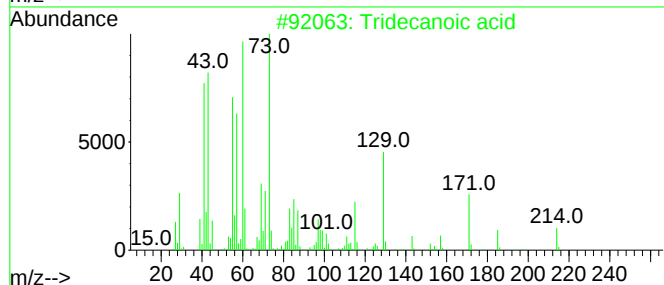
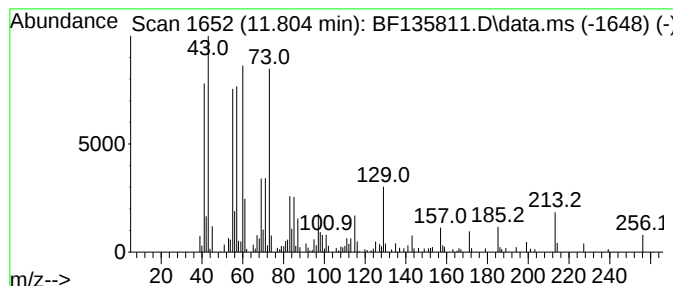
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Peak Number 2 Tridecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.804	6.76 ng	172124	Phenanthrene-d10	11.269

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecanoic acid	214	C13H26O2	000638-53-9	94
2			Tetradecanoic acid	228	C14H28O2	000544-63-8	87
3			Pentadecanoic acid	242	C15H30O2	001002-84-2	83
4			n-Decanoic acid	172	C10H20O2	000334-48-5	78
5			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	72



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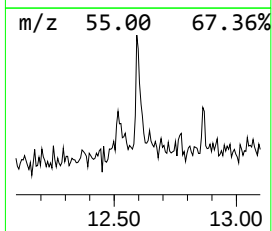
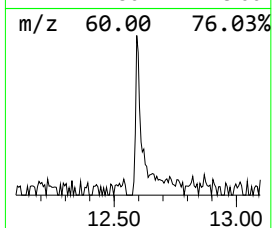
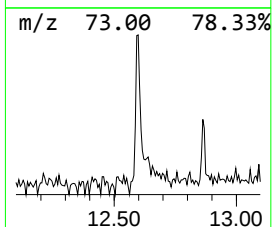
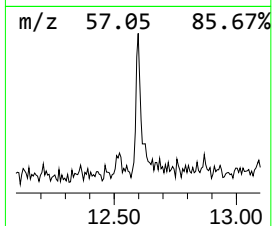
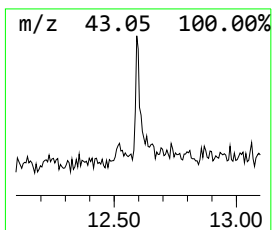
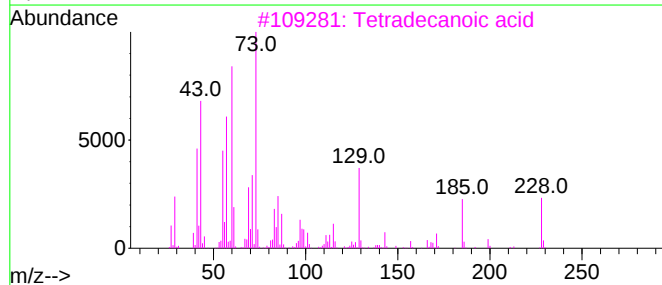
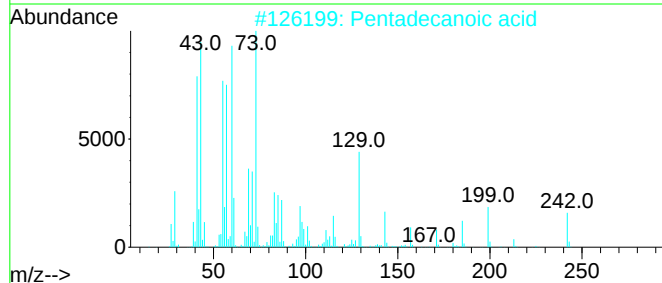
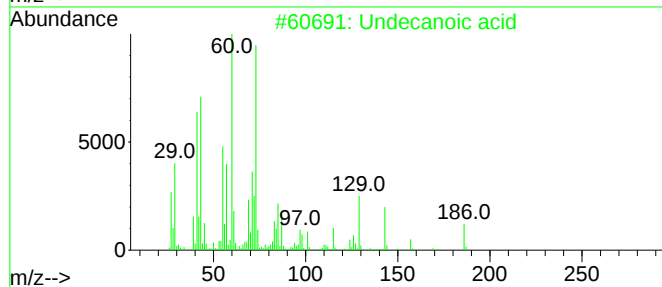
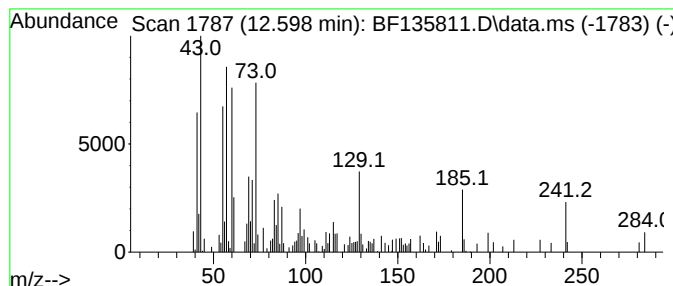
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Peak Number 3 Undecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.598	2.78 ng	70893	Phenanthrene-d10	11.269

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecanoic acid	186	C11H22O2	000112-37-8	70
2			Pentadecanoic acid	242	C15H30O2	001002-84-2	64
3			Tetradecanoic acid	228	C14H28O2	000544-63-8	64
4			Octadecanoic acid	284	C18H36O2	000057-11-4	60
5			Lactose	342	C12H22O11	000063-42-3	49



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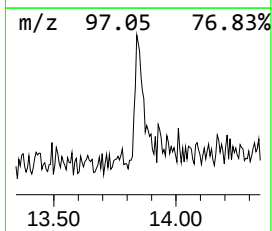
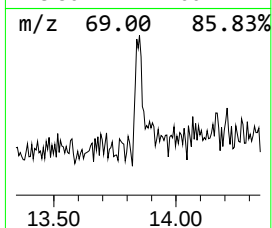
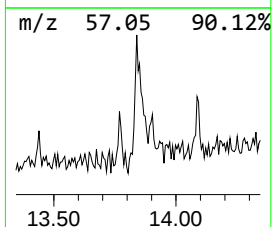
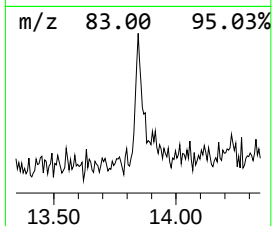
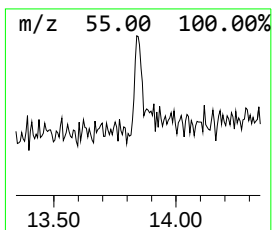
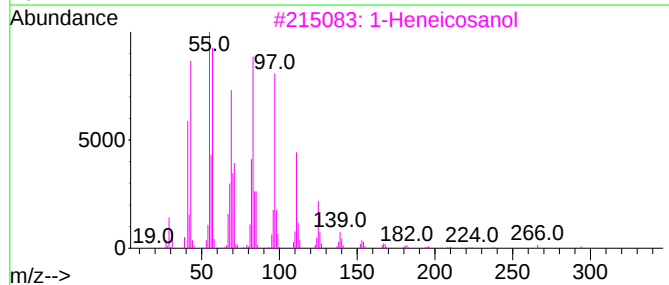
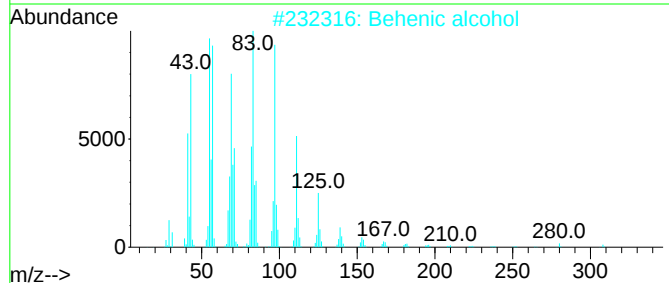
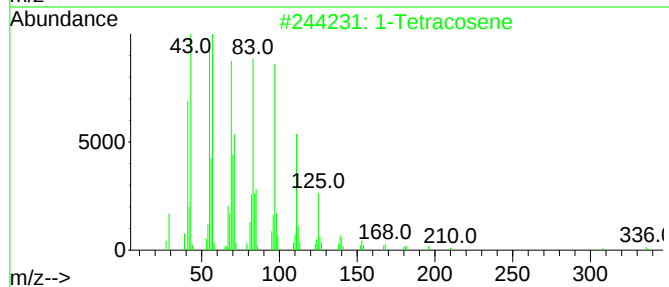
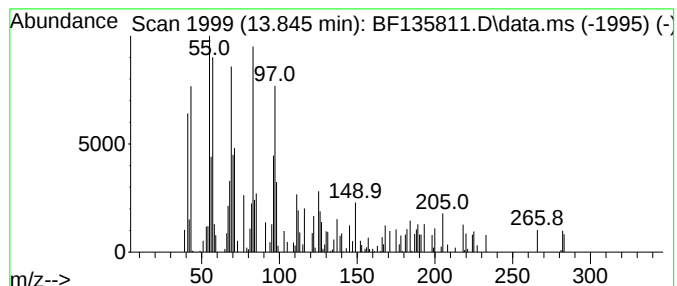
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Peak Number 4 1-Tetracosene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.845	2.52 ng	53848	Chrysene-d12	13.933	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Tetracosene	336	C24H48	010192-32-2	76
2	Behenic alcohol	326	C22H46O	000661-19-8	68
3	1-Heneicosanol	312	C21H44O	015594-90-8	68
4	Cetene	224	C16H32	000629-73-2	64
5	1-Undecanethiol	188	C11H24S	005332-52-5	62



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-...	4.951	22.7	ng	504966	1	6.739	444454	20.0
Tridecanoic acid	11.804	6.8	ng	172124	4	11.269	509258	20.0
Undecanoic acid	12.598	2.8	ng	70893	4	11.269	509258	20.0
1-Tetracosene	13.845	2.5	ng	53848	5	13.933	426803	20.0