

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072423\
 Data File : BF134441.D
 Acq On : 24 Jul 2023 21:43
 Operator : CG\JU
 Sample : 03653-11
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP21

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-BF072423.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF134441.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.146	3	10	18	rVB	207858	291154	14.34%	2.363%
2	5.475	572	576	595	rBV	1705661	1583840	78.02%	12.857%
3	6.475	742	746	749	rBV	1499269	1537824	75.75%	12.483%
4	6.834	804	807	817	rBV	369271	295038	14.53%	2.395%
5	7.398	899	903	906	rBV	1123236	971961	47.88%	7.890%
6	8.110	1021	1024	1036	rBV	451963	380989	18.77%	3.093%
7	9.192	1204	1208	1211	rBV	2121741	1827482	90.02%	14.834%
8	9.586	1272	1275	1280	rBV	52124	44523	2.19%	0.361%
9	9.869	1320	1323	1332	rBV	536877	420286	20.70%	3.412%
10	10.669	1454	1459	1462	rBV	1356013	1318904	64.97%	10.706%
11	11.363	1574	1577	1587	rBV	487757	457777	22.55%	3.716%
12	11.892	1664	1667	1681	rBV	184300	193908	9.55%	1.574%
13	12.686	1798	1802	1815	rBV	51652	69358	3.42%	0.563%
14	12.963	1844	1849	1852	rBV	2228004	2030128	100.00%	16.479%
15	13.910	2005	2010	2023	rBV5	26580	84273	4.15%	0.684%
16	14.027	2026	2030	2040	rVB	477502	434630	21.41%	3.528%
17	15.533	2281	2286	2293	rBV	278229	377083	18.57%	3.061%

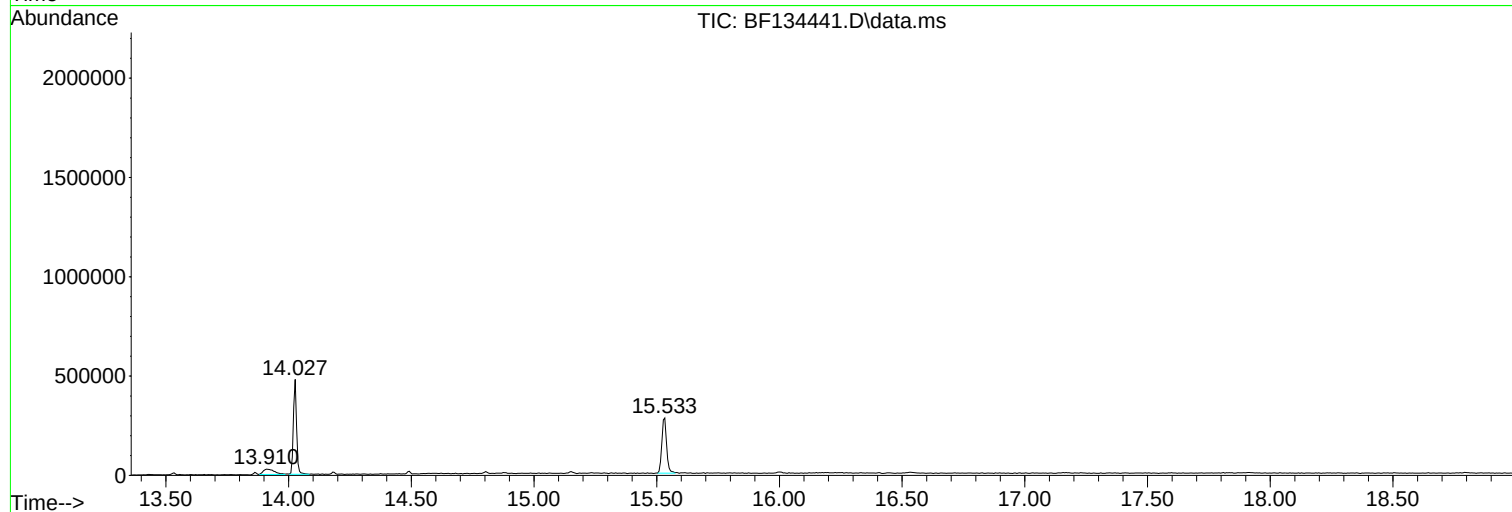
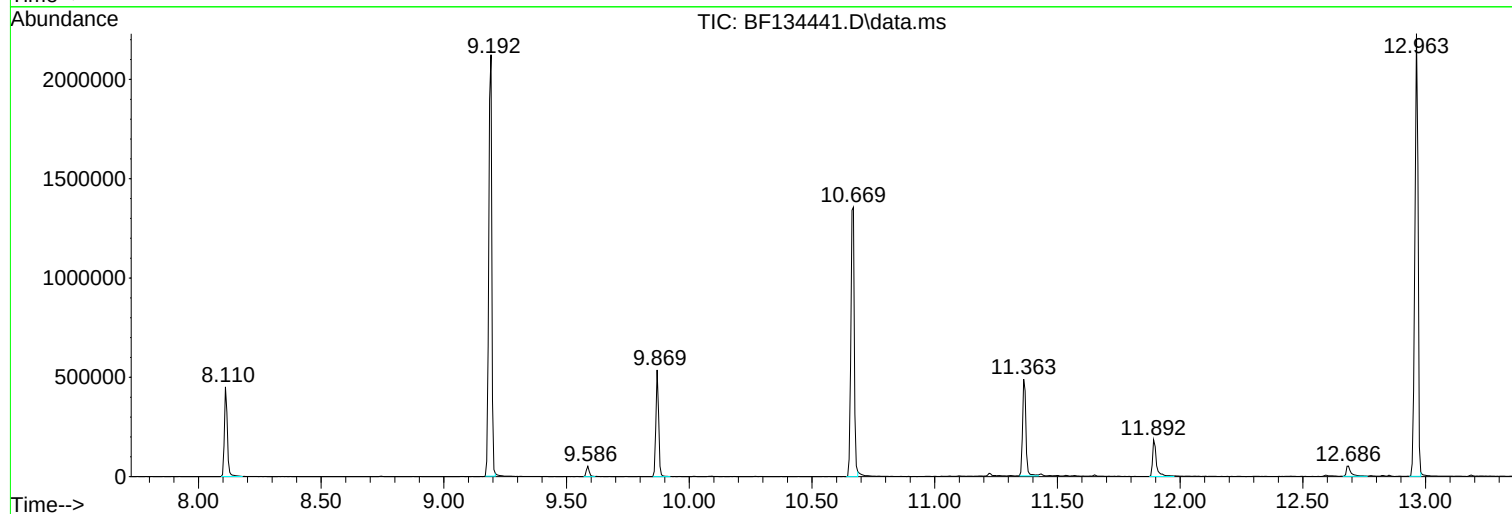
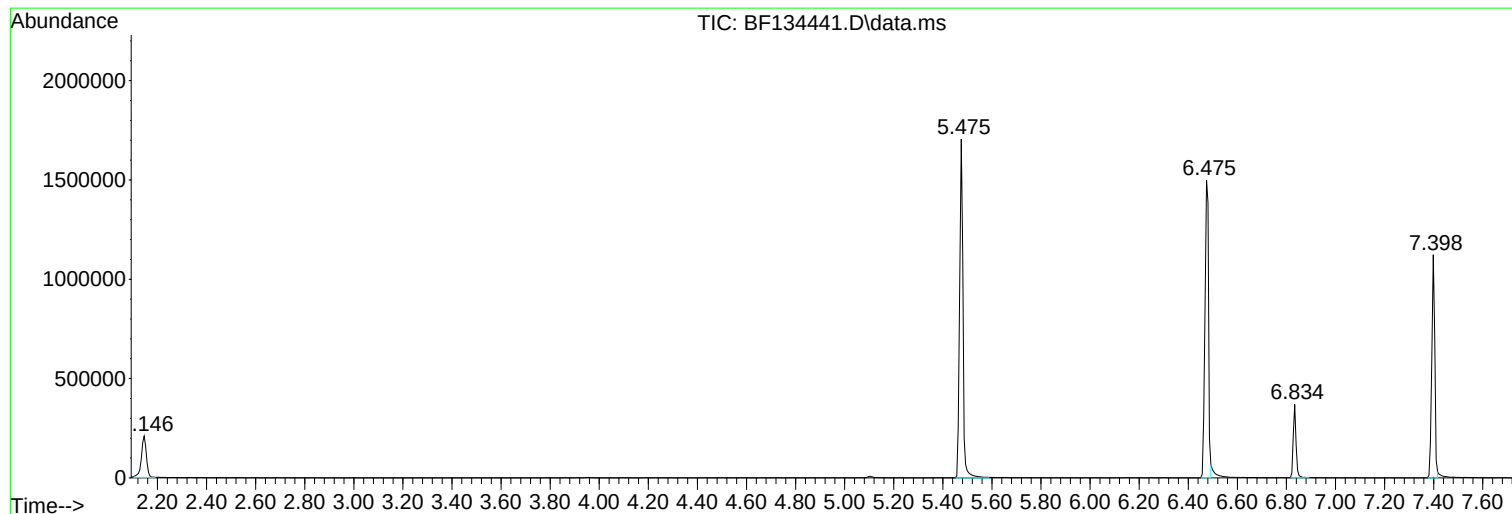
Sum of corrected areas: 12319158

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072423.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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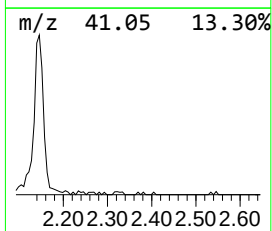
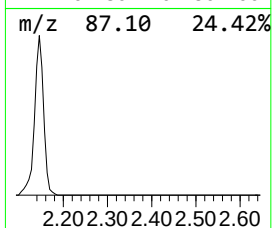
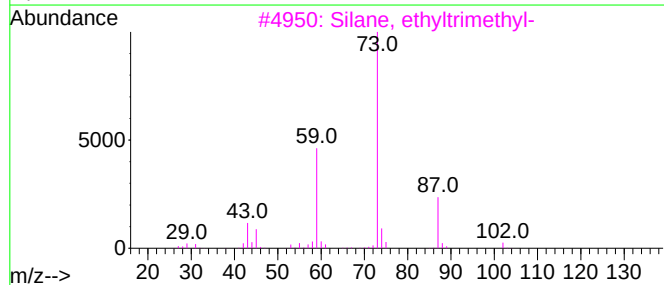
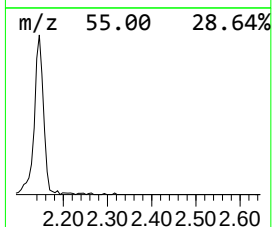
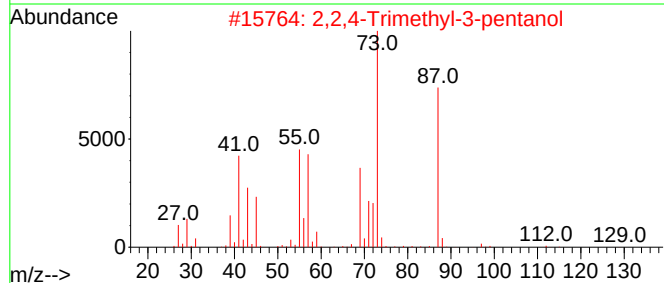
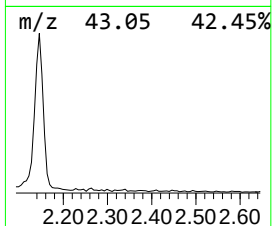
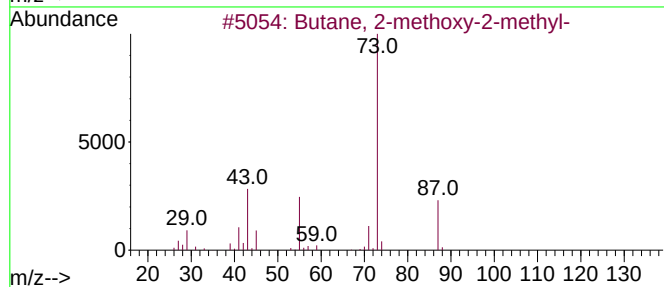
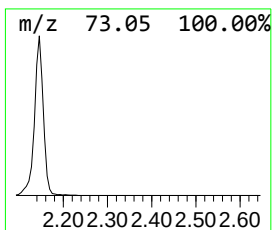
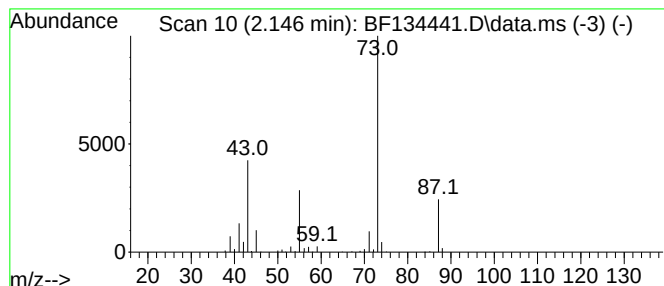
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.146	19.74 ng	291154	1,4-Dichlorobenzene-d4	6.834

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2			2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3			Silane, ethyltrimethyl-	102	C5H14Si	003439-38-1	33
4			1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
5			Octanal, 7-methoxy-3,7-dimethyl-	186	C11H22O2	003613-30-7	17



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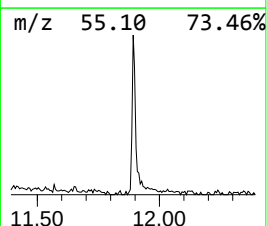
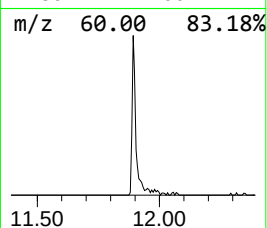
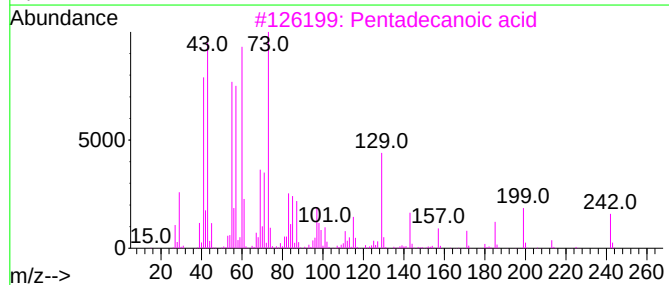
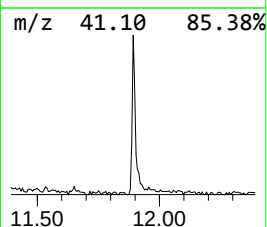
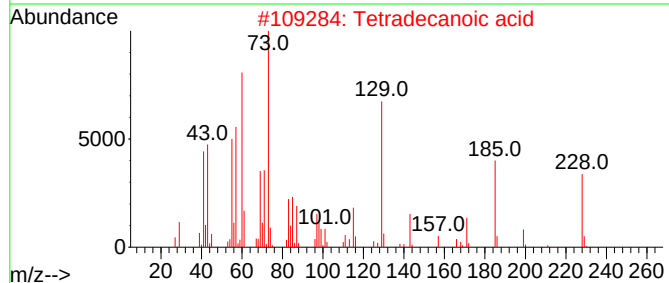
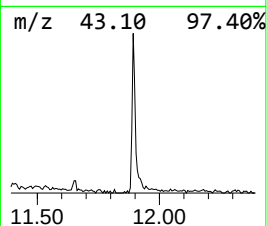
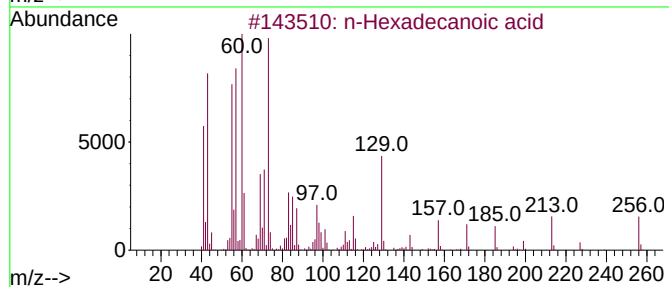
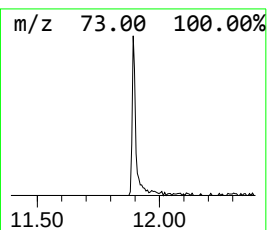
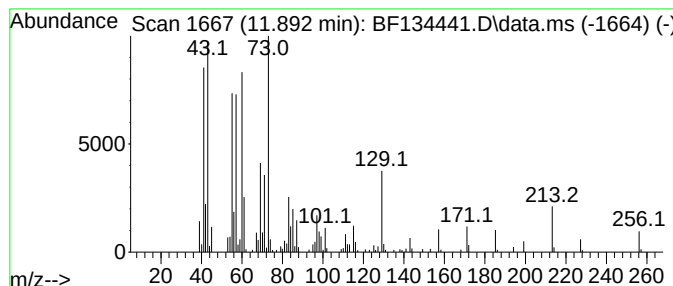
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.892	8.47 ng	193908	Phenanthrene-d10	11.363

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	89
3			Pentadecanoic acid	242	C15H30O2	001002-84-2	76
4			Tridecanoic acid	214	C13H26O2	000638-53-9	68
5			Undecanoic acid	186	C11H22O2	000112-37-8	53



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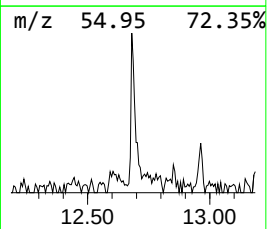
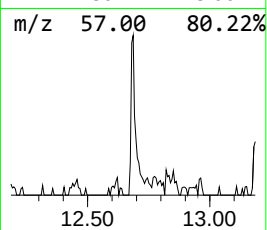
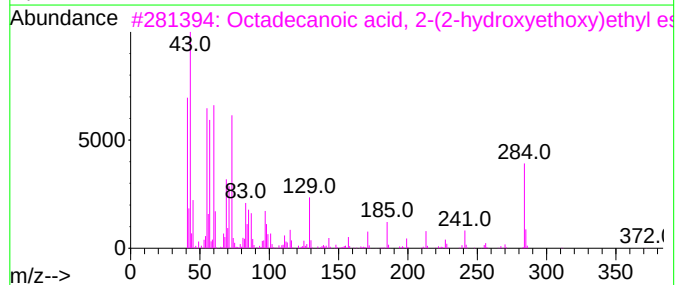
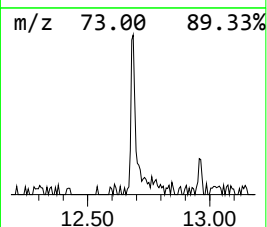
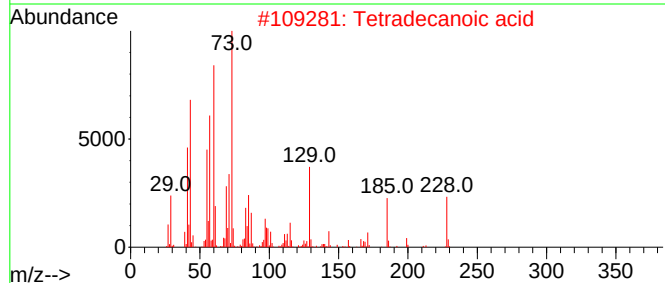
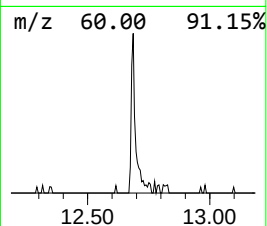
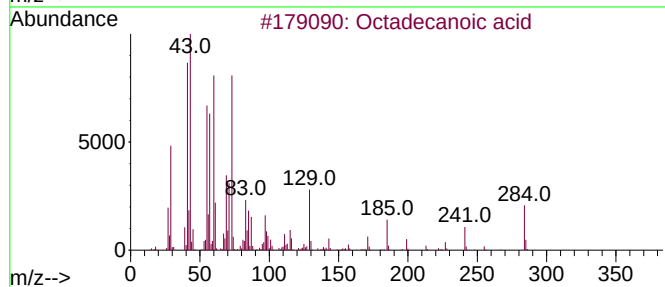
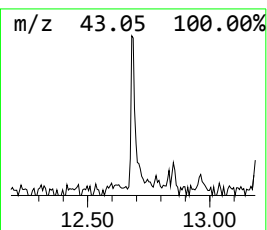
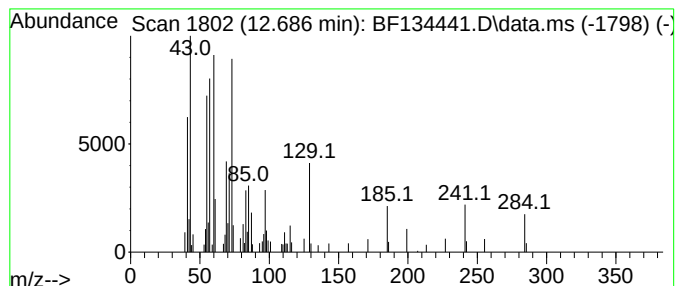
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Peak Number 3 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.686	3.03 ng	69358	Phenanthrene-d10	11.363

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	96
2			Tetradecanoic acid	228	C14H28O2	000544-63-8	74
3			Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	72
4			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	64
5			Tridecanoic acid	214	C13H26O2	000638-53-9	59



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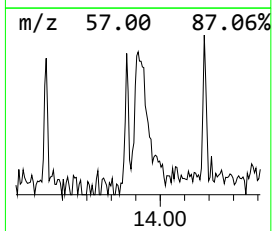
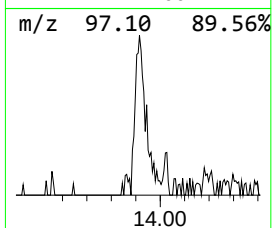
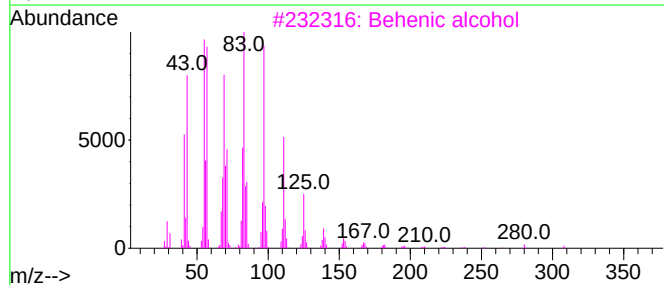
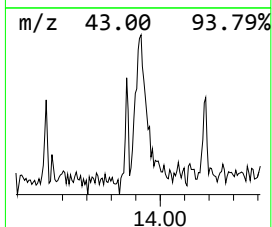
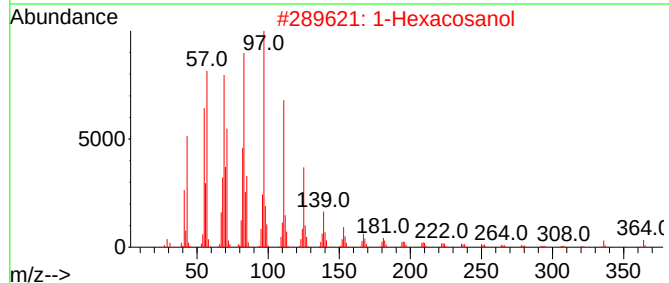
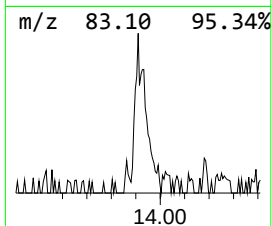
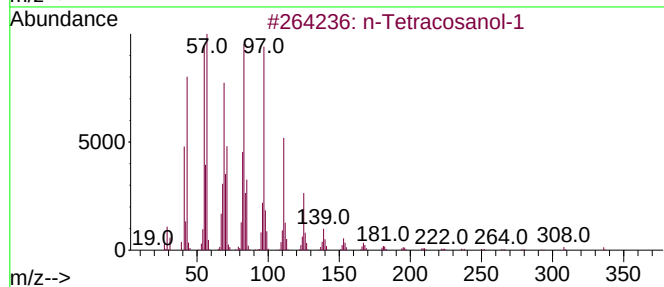
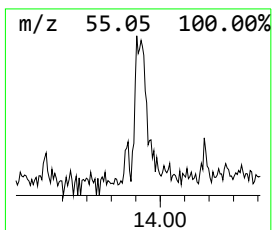
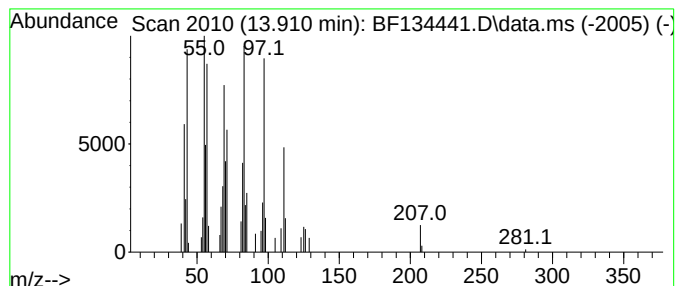
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Peak Number 4 n-Tetracosanol-1 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.910	3.88 ng	84273	Chrysene-d12	14.027

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Tetracosanol-1	354	C24H50O	000506-51-4	91
2			1-Hexacosanol	382	C26H54O	000506-52-5	91
3			Behenic alcohol	326	C22H46O	000661-19-8	91
4			1-Heptacosanol	396	C27H56O	002004-39-9	91
5			1-Heneicosanol	312	C21H44O	015594-90-8	90



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2-metho...	2.146	19.7	ng	291154	1	6.834	295038	20.0
n-Hexadecanoic ...	11.892	8.5	ng	193908	4	11.363	457777	20.0
Octadecanoic acid	12.686	3.0	ng	69358	4	11.363	457777	20.0
n-Tetracosanol-1	13.910	3.9	ng	84273	5	14.027	434630	20.0