

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072423\
 Data File : BF134454.D
 Acq On : 25 Jul 2023 04:44
 Operator : CG\JU
 Sample : 03653-21
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP22

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: BF134454.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.128	3	7	14	rVB	79193	105059	4.31%	0.766%
2	5.475	572	576	595	rBV	1838424	1746050	71.68%	12.736%
3	6.481	742	747	773	rBV	1821658	1845628	75.76%	13.462%
4	6.834	804	807	818	rBV	473141	384363	15.78%	2.804%
5	7.398	899	903	906	rBV	1481317	1280064	52.55%	9.337%
6	8.110	1021	1024	1038	rBV	638037	512162	21.02%	3.736%
7	9.187	1203	1207	1211	rBV	2716844	2436015	100.00%	17.768%
8	9.586	1271	1275	1279	rBV	64186	55441	2.28%	0.404%
9	9.869	1319	1323	1327	rBV	611182	462559	18.99%	3.374%
10	10.663	1454	1458	1467	rBV	1668297	1571530	64.51%	11.463%
11	11.363	1573	1577	1584	rBV	640448	528837	21.71%	3.857%
12	11.892	1664	1667	1680	rBV	161071	166963	6.85%	1.218%
13	12.686	1798	1802	1810	rBV2	42916	62927	2.58%	0.459%
14	12.963	1844	1849	1852	rBV	2092863	1783589	73.22%	13.009%
15	13.880	2000	2005	2010	rBV6	35502	82274	3.38%	0.600%
16	14.027	2026	2030	2035	rVB	405411	359936	14.78%	2.625%
17	14.486	2106	2108	2111	rVB2	30313	31807	1.31%	0.232%
18	15.527	2281	2285	2295	rVB	207829	294702	12.10%	2.150%

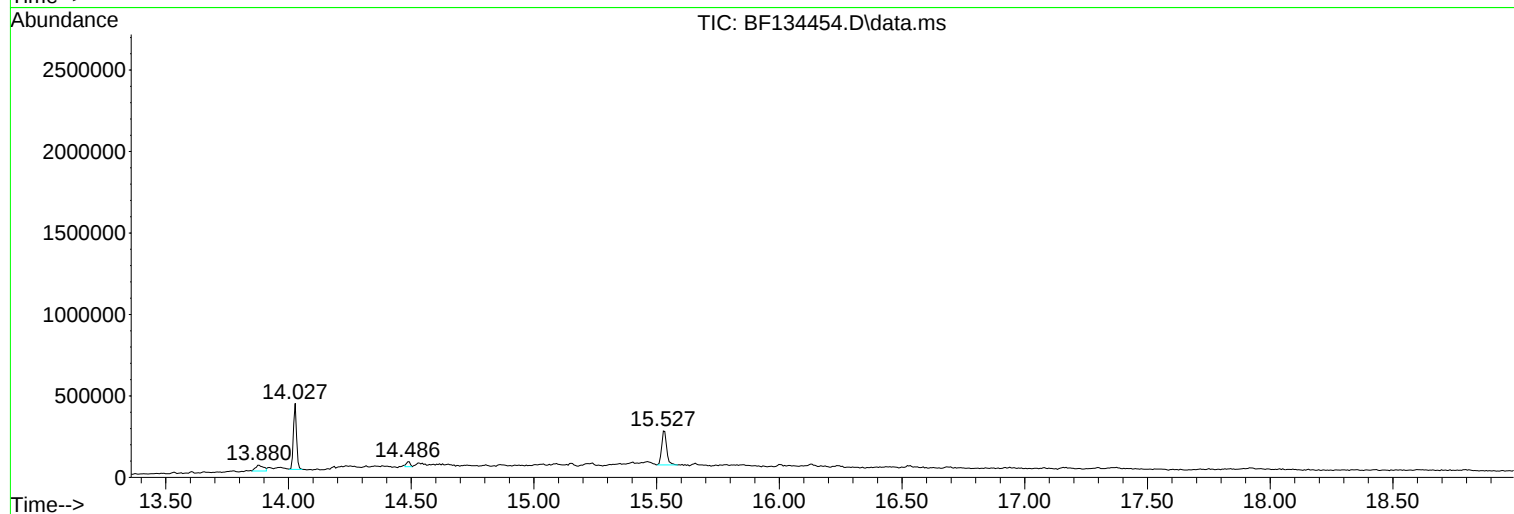
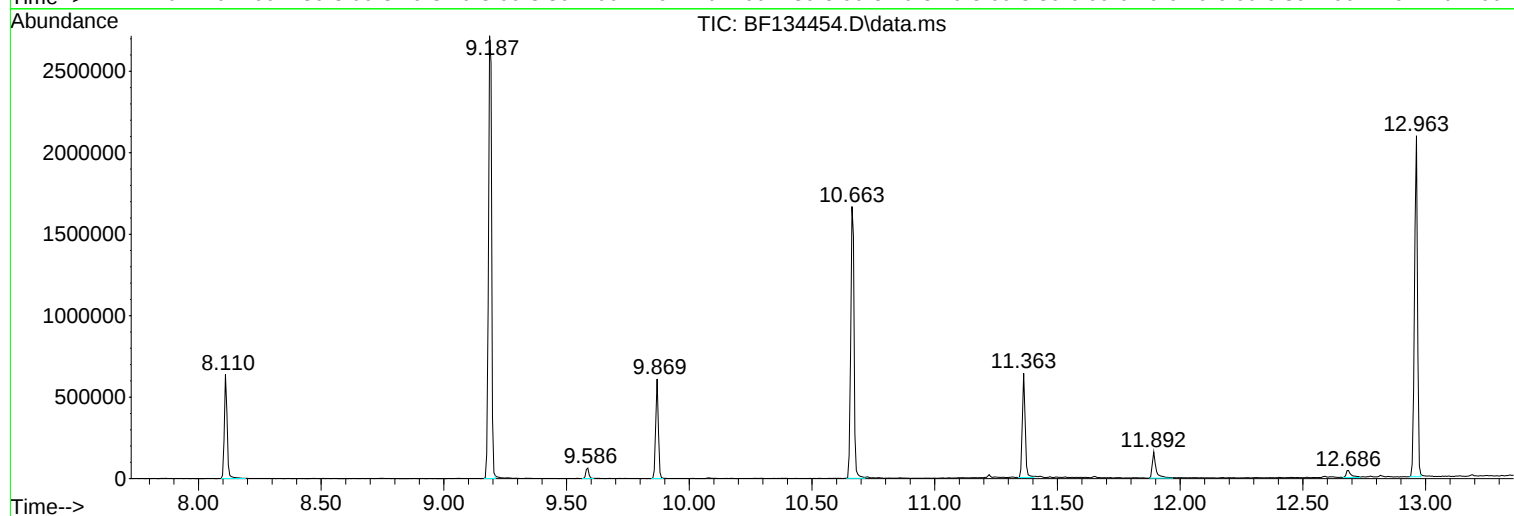
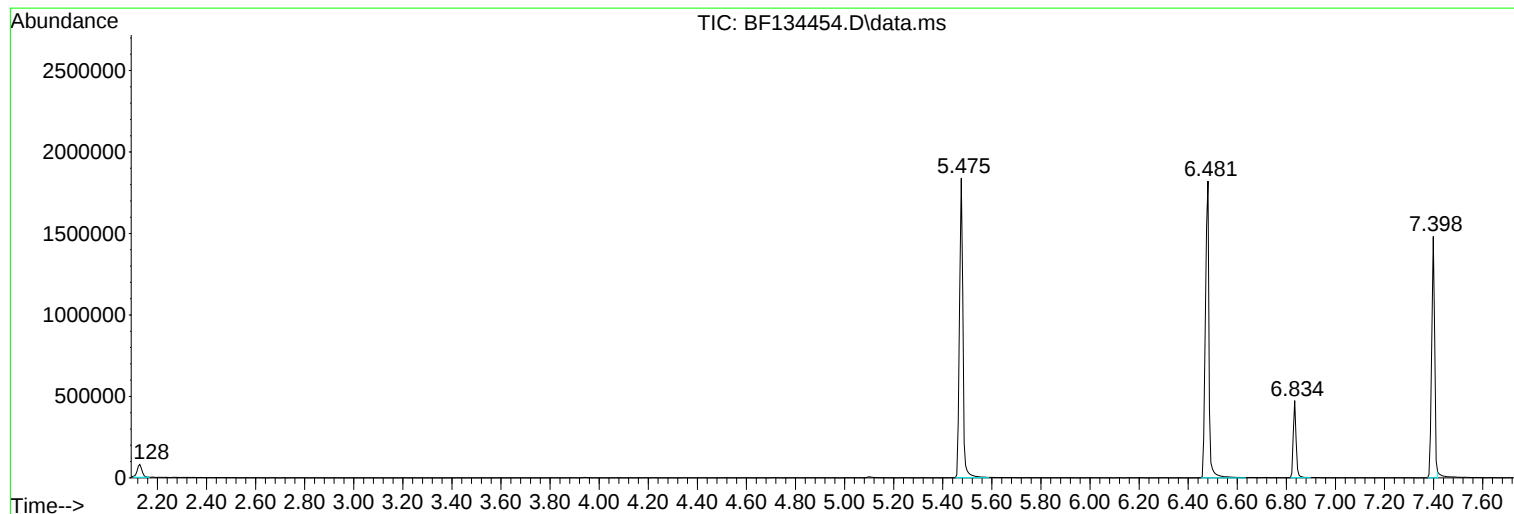
Sum of corrected areas: 13709906

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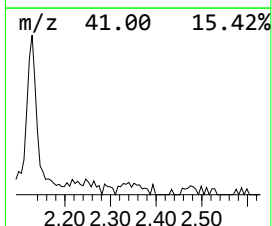
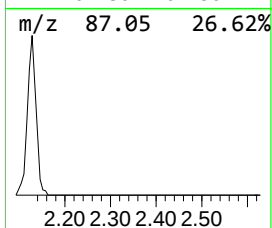
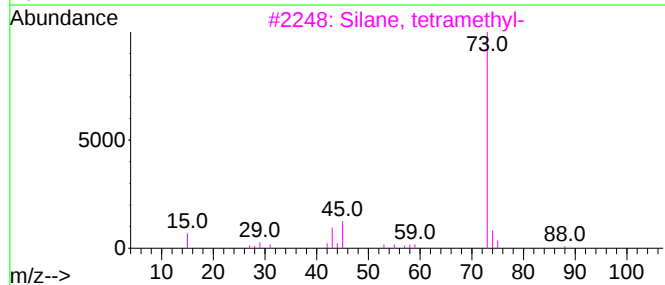
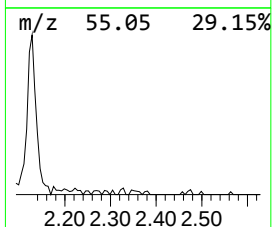
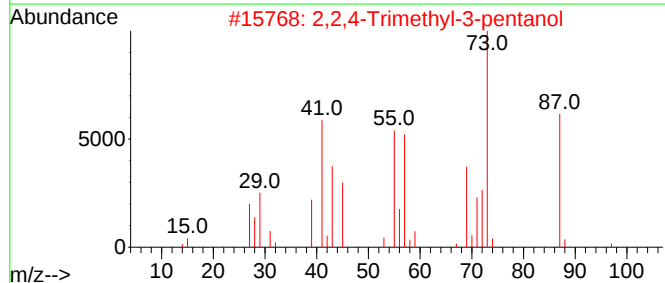
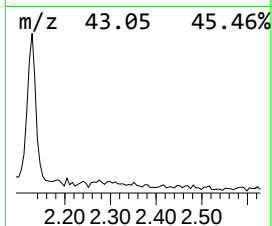
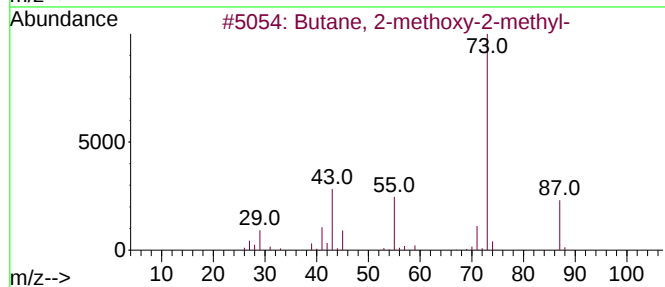
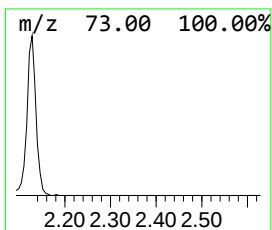
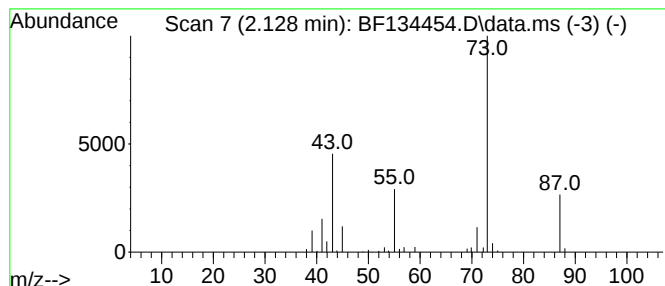
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.128	5.47 ng	105059	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	78
2			2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3			Silane, tetramethyl-	88	C4H12Si	000075-76-3	25
4			1-(2-Methoxyethoxy)-2-methyl-2-p...	162	C8H18O3	1000364-24-4	25
5			3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	25



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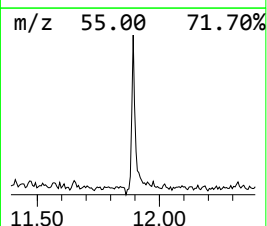
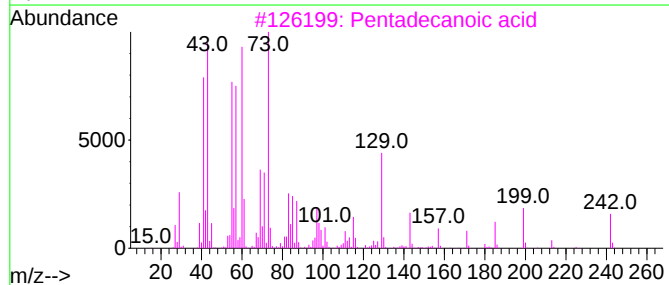
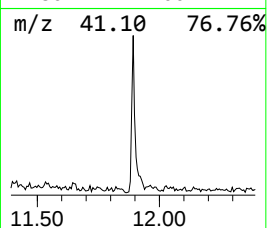
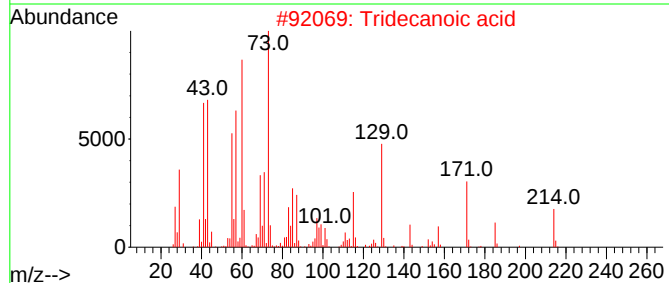
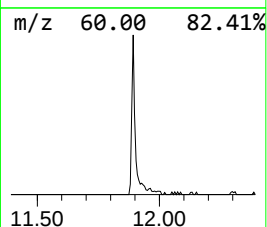
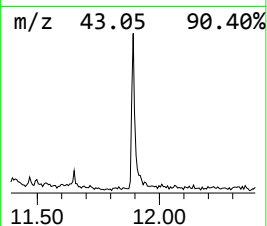
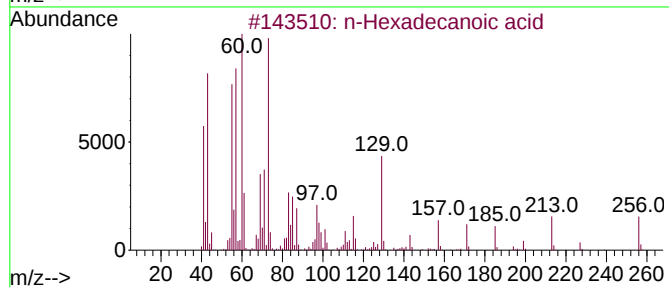
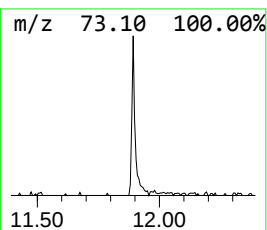
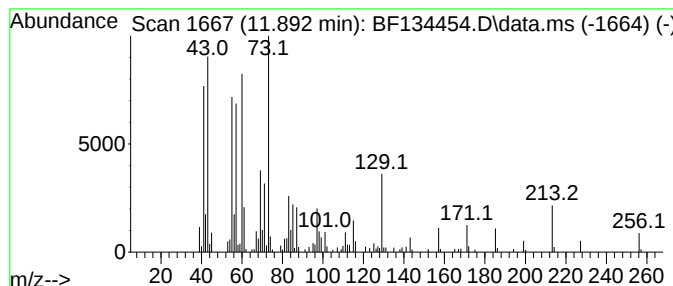
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.892	6.31 ng	166963	Phenanthrene-d10	11.363

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	95
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	91
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	80
5		Dodecanoic acid	200	C12H24O2	000143-07-7	59



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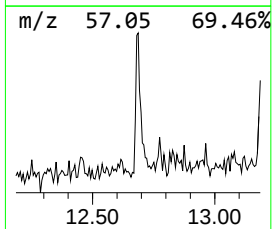
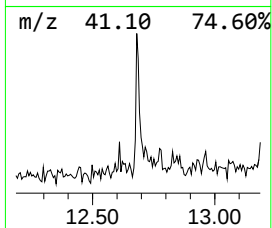
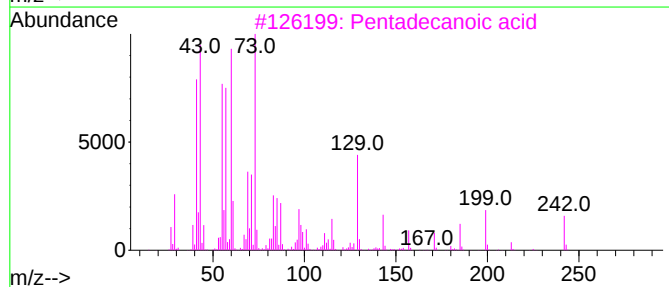
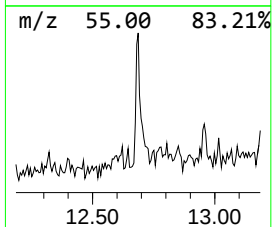
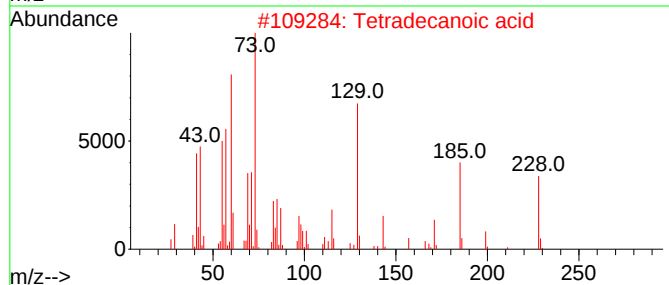
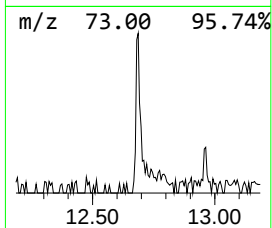
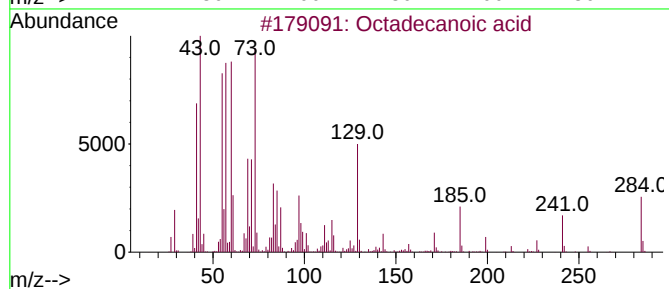
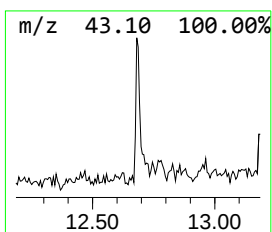
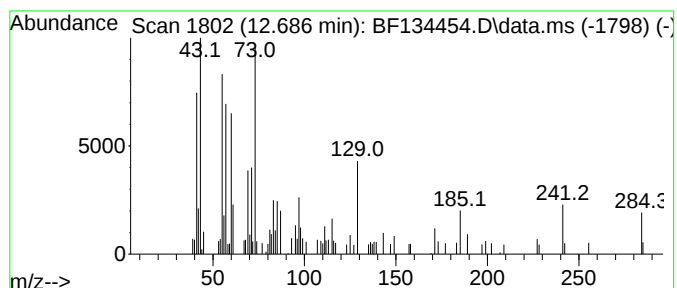
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Peak Number 3 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.686	2.38 ng	62927	Phenanthrene-d10	11.363

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	99
2			Tetradecanoic acid	228	C14H28O2	000544-63-8	96
3			Pentadecanoic acid	242	C15H30O2	001002-84-2	78
4			n-Decanoic acid	172	C10H20O2	000334-48-5	46
5			Oxalic acid, propyl tetradecyl e...	328	C19H36O4	1000309-26-7	38



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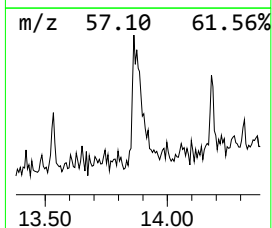
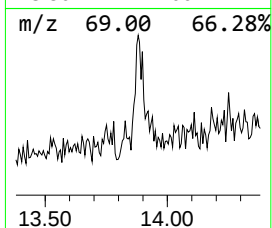
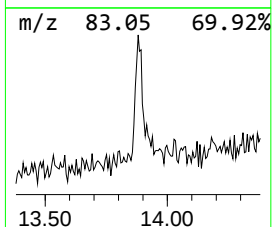
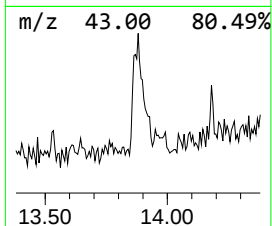
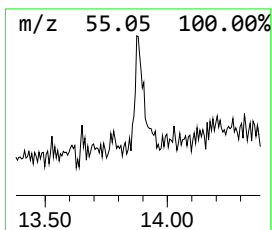
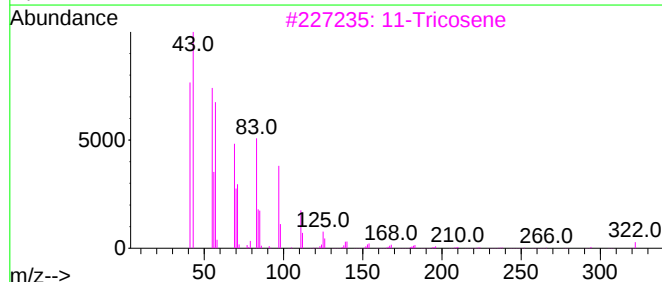
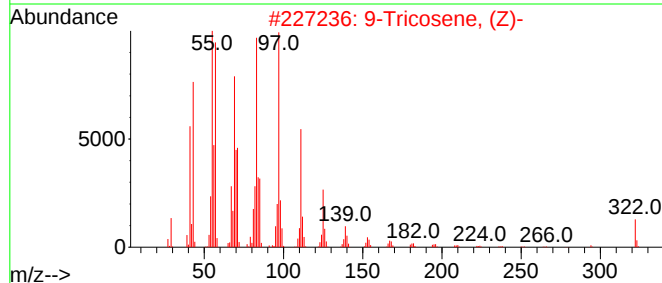
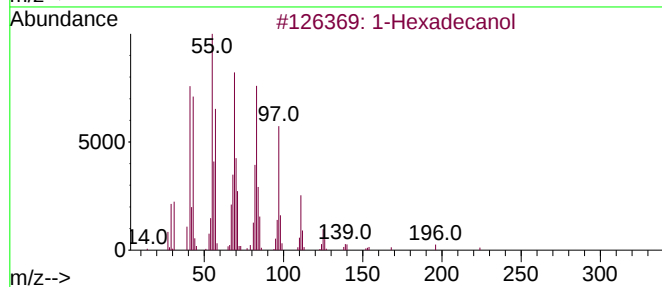
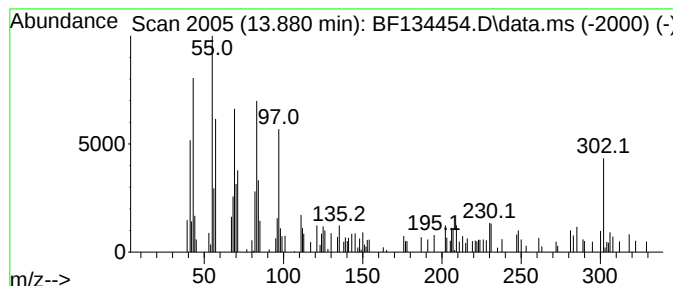
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Peak Number 4 1-Hexadecanol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.880	4.57 ng	82274	Chrysene-d12	14.027

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexadecanol			242	C16H34O	036653-82-4	50
2	9-Tricosene, (Z)-			322	C23H46	027519-02-4	46
3	11-Tricosene			322	C23H46	052078-56-5	45
4	Cetene			224	C16H32	000629-73-2	45
5	1-Tricosene			322	C23H46	018835-32-0	41



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2-metho...	2.128	5.5	ng	105059	1	6.834	384363	20.0
n-Hexadecanoic ...	11.892	6.3	ng	166963	4	11.363	528837	20.0
Octadecanoic acid	12.686	2.4	ng	62927	4	11.363	528837	20.0
1-Hexadecanol	13.880	4.6	ng	82274	5	14.027	359936	20.0