

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050224\
 Data File : BF137818.D
 Acq On : 02 May 2024 16:46
 Operator : CG\JU
 Sample : P2330-15
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 C-3(0.5-1.5)

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-BF043024.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF137818.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.210	17	21	27	rVB2	30269	55512	1.06%	0.210%
2	2.434	53	59	66	rVB	214064	283111	5.40%	1.071%
3	3.704	272	275	290	rBV	35831	75958	1.45%	0.287%
4	5.681	606	611	614	rBV	2793218	2584439	49.33%	9.774%
5	6.669	773	779	782	rBV	2513406	2580157	49.25%	9.758%
6	7.057	841	845	848	rBV	1007961	826815	15.78%	3.127%
7	7.616	935	940	943	rBV	1916490	1684592	32.16%	6.371%
8	8.339	1059	1063	1066	rBV	1967382	1683191	32.13%	6.365%
9	8.639	1111	1114	1126	rBV	43458	64036	1.22%	0.242%
10	9.410	1241	1245	1249	rBV	5426391	5238722	100.00%	19.812%
11	10.098	1358	1362	1366	rBV	2359716	2058559	39.30%	7.785%
12	10.186	1371	1377	1383	rVB2	78814	109880	2.10%	0.416%
13	10.892	1492	1497	1500	rBV	3466775	3037659	57.98%	11.488%
14	11.592	1613	1616	1620	rBV	1356016	1230248	23.48%	4.653%
15	12.098	1699	1702	1708	rBV	290766	288414	5.51%	1.091%
16	12.886	1833	1836	1849	rBV	110630	126604	2.42%	0.479%
17	13.180	1882	1886	1890	rBV	3173881	2825026	53.93%	10.684%
18	14.104	2039	2043	2058	rVB5	39315	106687	2.04%	0.403%
19	14.245	2063	2067	2075	rVB	868404	755105	14.41%	2.856%
20	15.815	2329	2334	2344	rBV	612873	827913	15.80%	3.131%

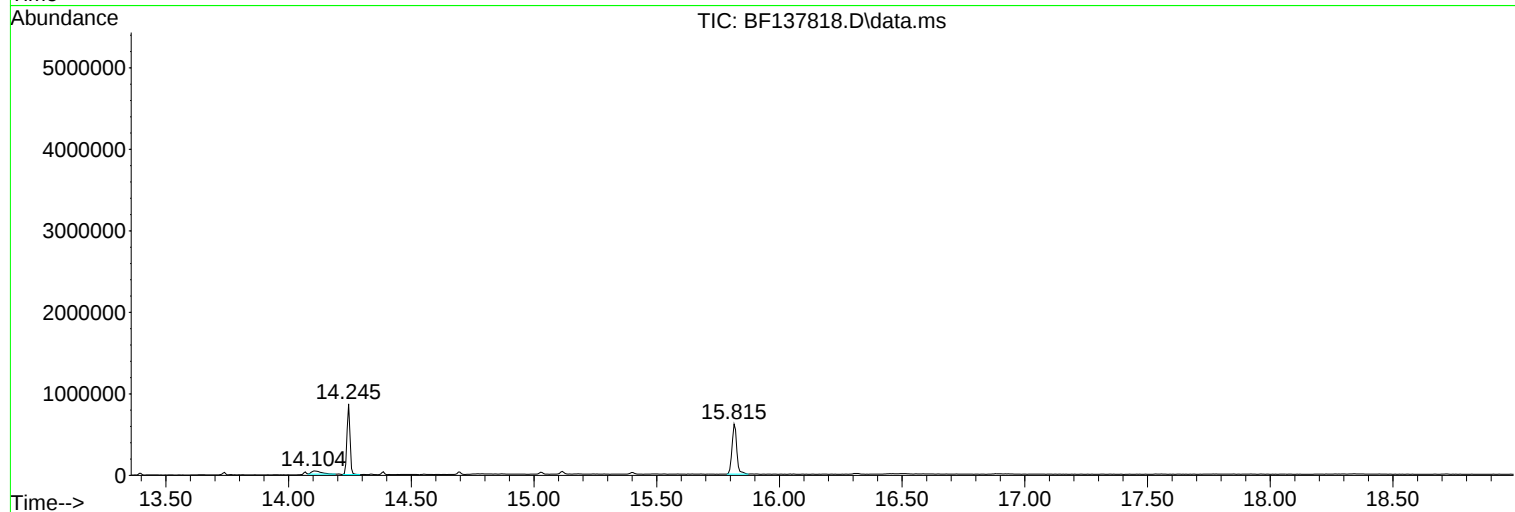
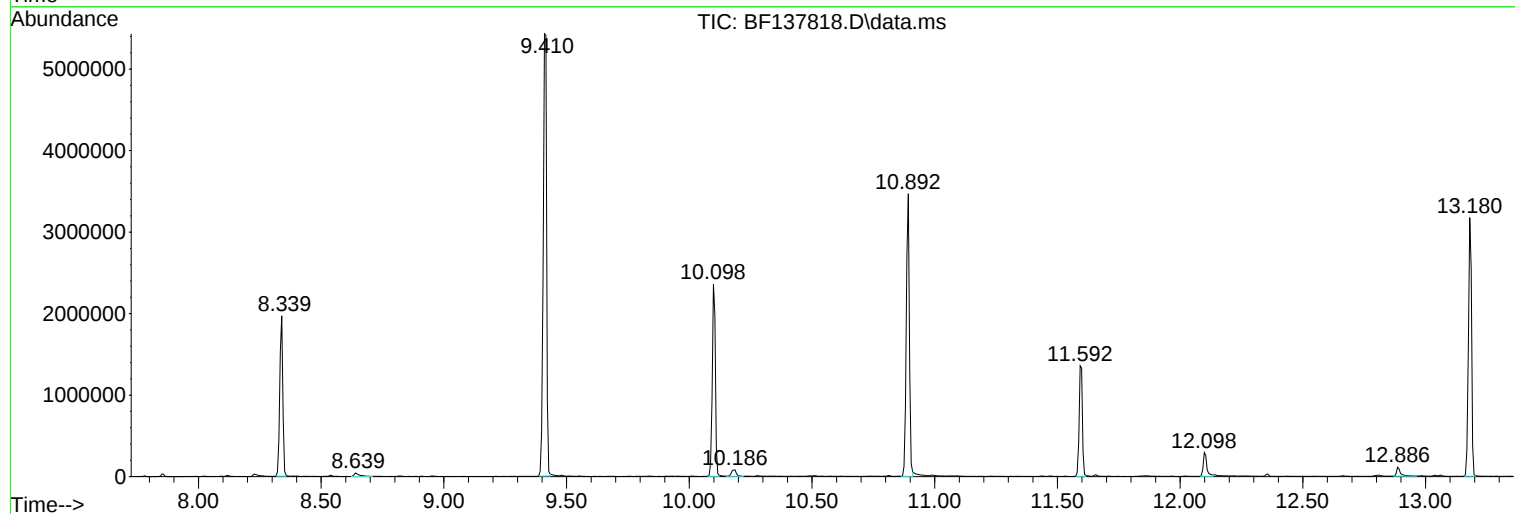
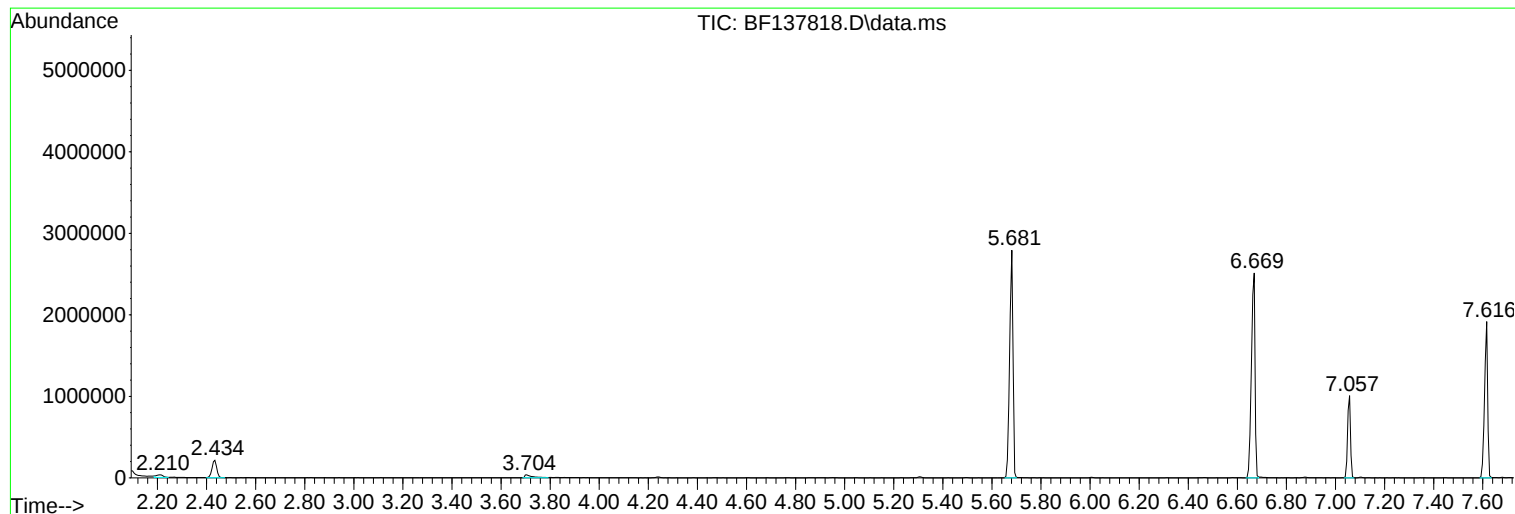
Sum of corrected areas: 26442628

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043024.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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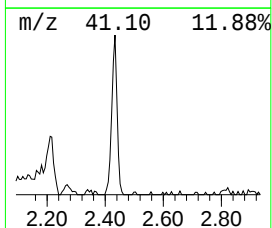
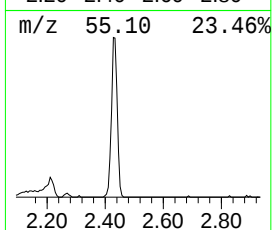
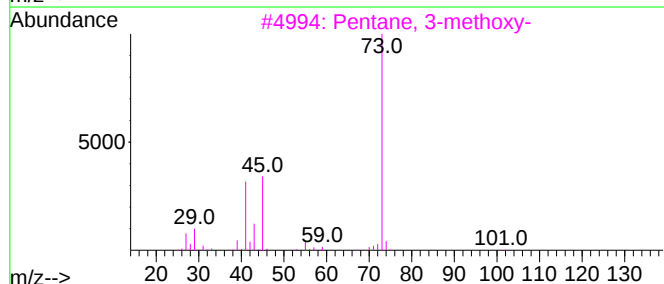
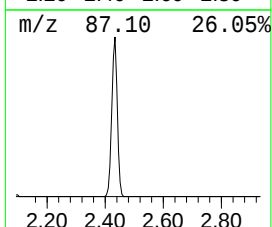
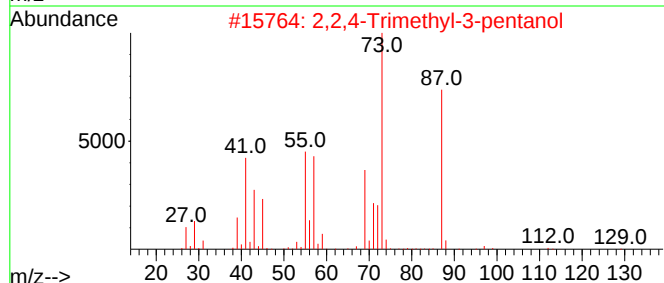
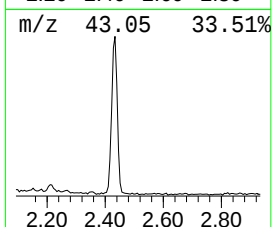
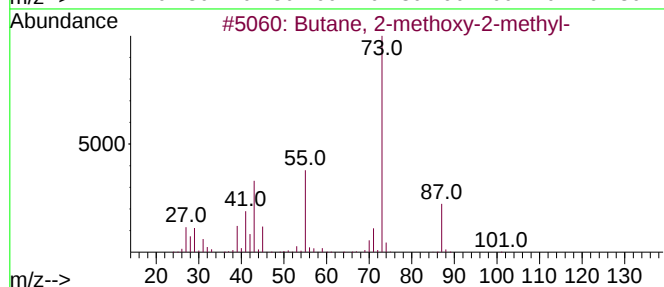
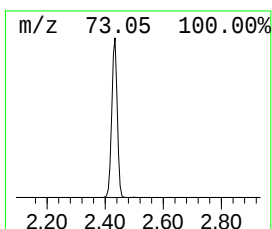
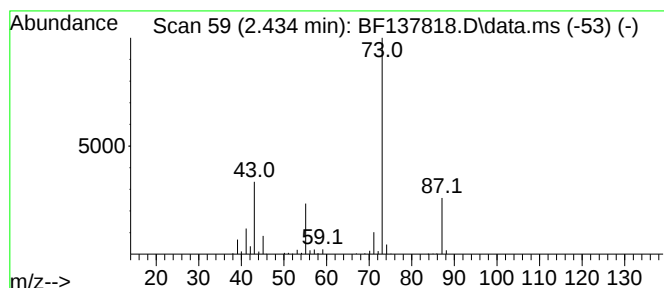
TIC Library : C:\Database\NIST20.L

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.
2.434	6.85 ng	283111	1,4-Dichlorobenzene-d4	7.057

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			Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
4			N-Ethylformamide	73	C3H7NO	000627-45-2	9
5			Borane, dimethoxy-	74	C2H7BO2	004542-61-4	9



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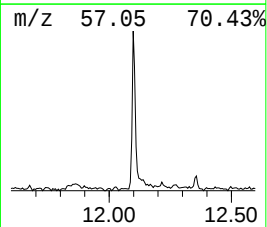
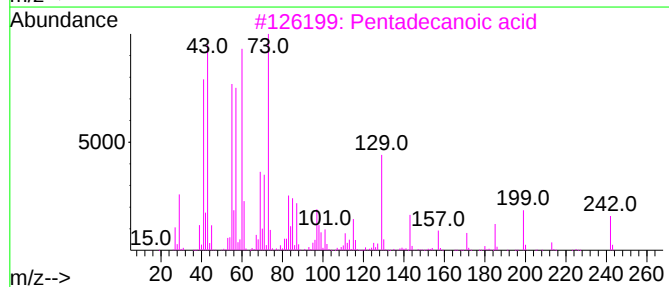
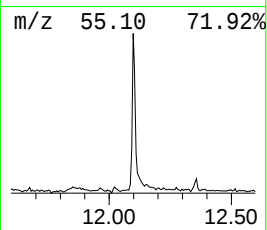
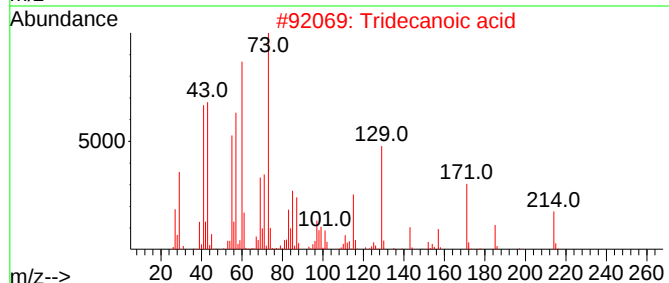
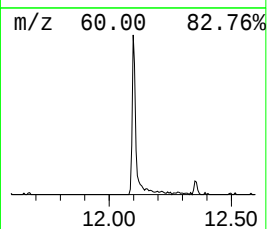
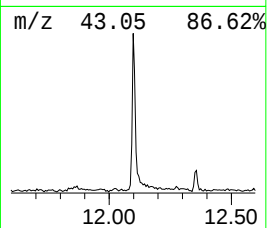
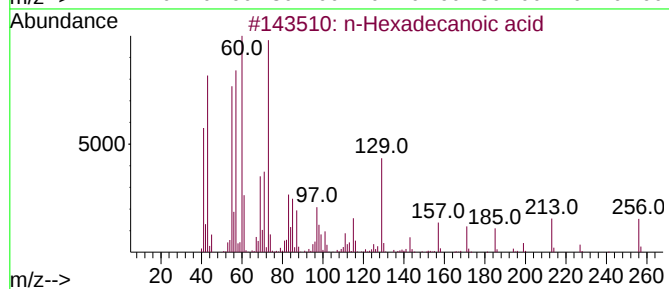
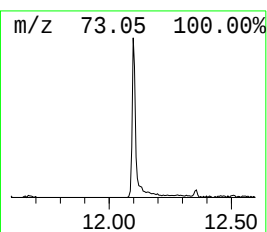
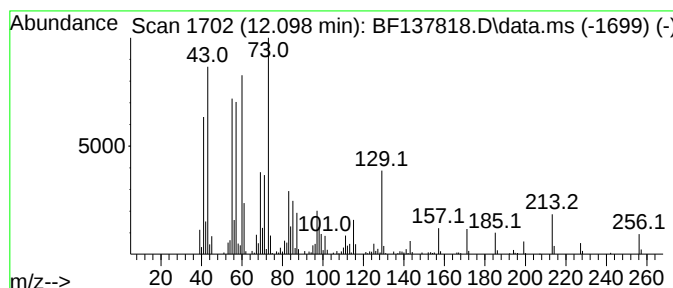
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043024.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.098	4.69 ng	288414	Phenanthrene-d10	11.598

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	93
4			Tetradecanoic acid	228	C14H28O2	000544-63-8	91
5			n-Decanoic acid	172	C10H20O2	000334-48-5	76



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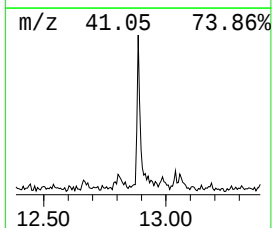
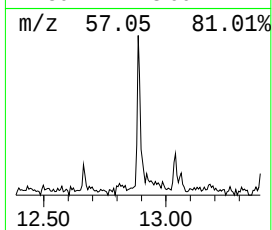
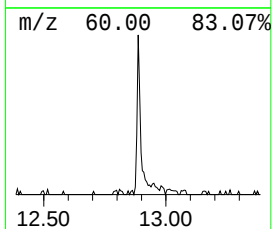
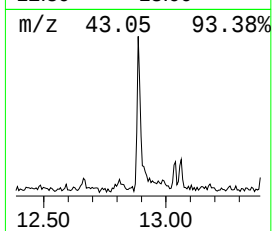
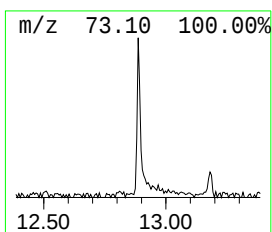
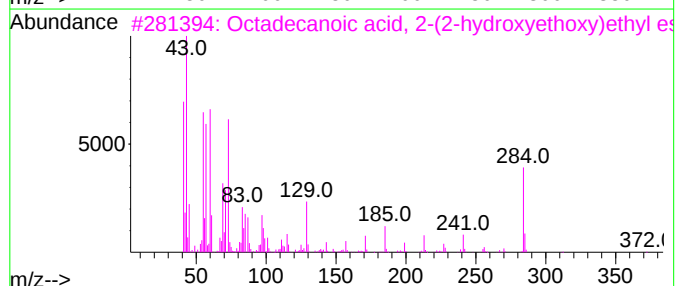
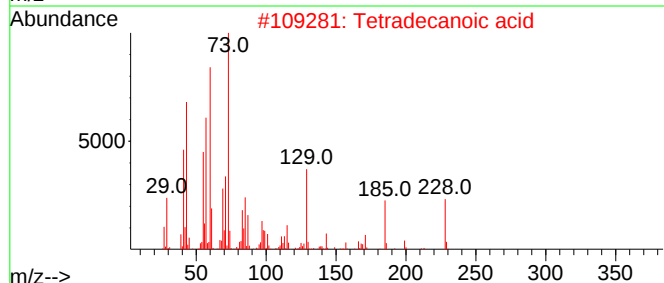
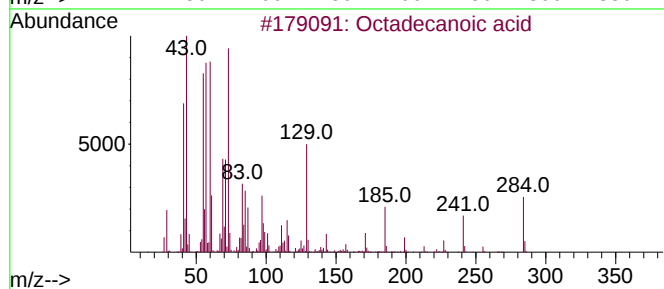
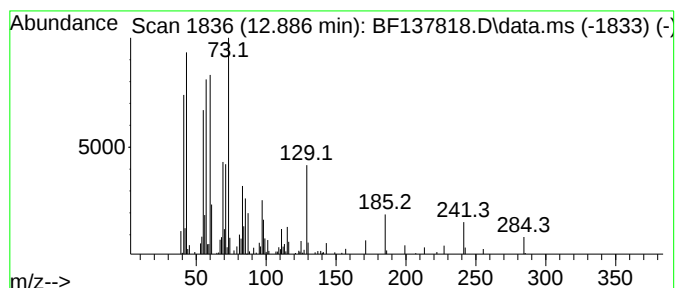
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BNA_F
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C-3(0.5-1.5)

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Peak Number 3 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD		R.T.	
12.886	2.06 ng	126604	Phenanthrene-d10		11.598	
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	91
3	Octadecanoic acid, 2-(2-hydroxye...		372	C22H44O4	000106-11-6	91
4	Pentadecanoic acid		242	C15H30O2	001002-84-2	87
5	Oxalic acid, isobutyl heptadecyl...		384	C23H44O4	1000309-38-2	18



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Instrument :
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ClientSampleId :
C-3(0.5-1.5)

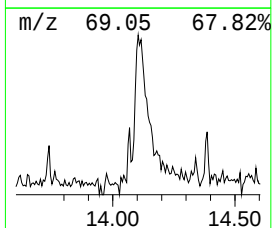
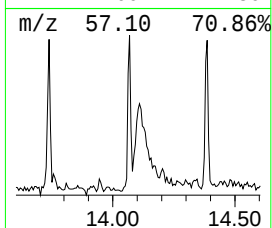
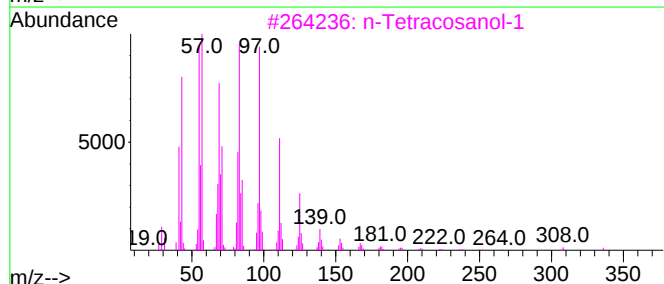
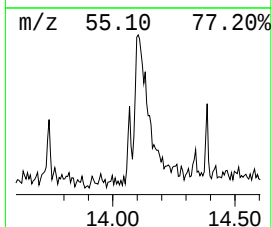
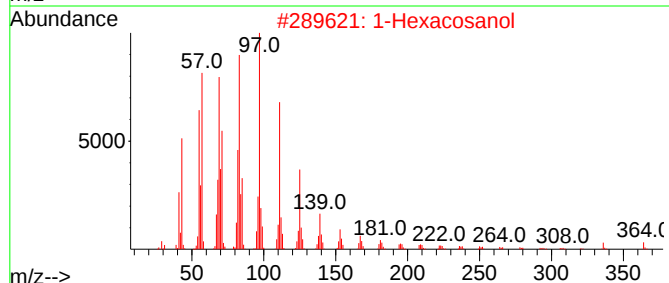
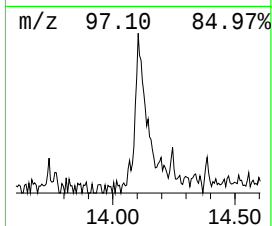
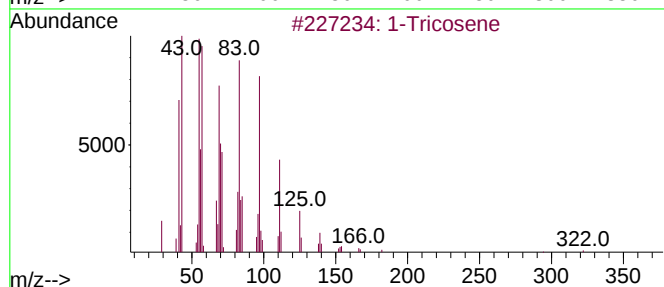
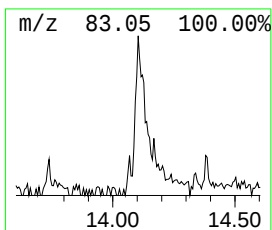
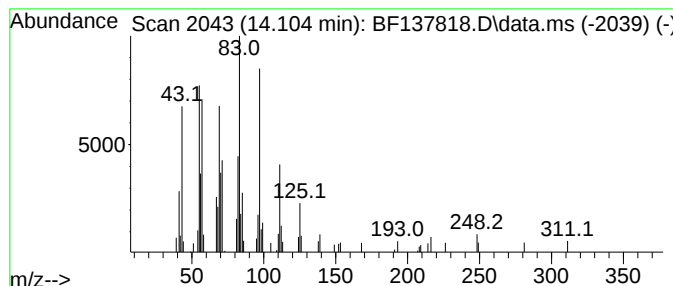
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Peak Number 4 1-Tricosene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.104	2.83 ng	106687	Chrysene-d12	14.245

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Tricosene		322	C23H46	018835-32-0	76
2	1-Hexacosanol		382	C26H54O	000506-52-5	76
3	n-Tetracosanol-1		354	C24H50O	000506-51-4	76
4	1-Heptacosanol		396	C27H56O	002004-39-9	76
5	1-Hexacosene		364	C26H52	018835-33-1	76



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2-metho...	2.434	6.8	ng	283111	1	7.057	826815	20.0
n-Hexadecanoic ...	12.098	4.7	ng	288414	4	11.598	1230250	20.0
Octadecanoic acid	12.886	2.1	ng	126604	4	11.598	1230250	20.0
1-Tricosene	14.104	2.8	ng	106687	5	14.245	755105	20.0