

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082323\
 Data File : BF134897.D
 Acq On : 23 Aug 2023 11:22
 Operator : CG\JU
 Sample : 04091-13
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-H

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-BF082223.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF134897.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.022	495	499	509	rVB	53969	60910	2.06%	0.300%
2	5.422	562	567	570	rBV	2181814	2045808	69.10%	10.087%
3	6.428	733	738	741	rBV	2077187	2090163	70.60%	10.306%
4	6.622	768	771	780	rBV	51823	48996	1.65%	0.242%
5	6.792	796	800	803	rBV	930408	764622	25.83%	3.770%
6	7.351	890	895	898	rBV	1533853	1327325	44.83%	6.544%
7	8.069	1013	1017	1020	rBV	1253035	1027989	34.72%	5.069%
8	9.151	1195	1201	1204	rBV	2649990	2581843	87.21%	12.730%
9	9.827	1311	1316	1319	rBV	1481139	1200930	40.56%	5.921%
10	10.622	1446	1451	1454	rBV	2077803	1812825	61.23%	8.938%
11	11.321	1566	1570	1573	rBV	1627498	1307489	44.16%	6.447%
12	11.857	1653	1661	1676	rBV2	357836	421359	14.23%	2.078%
13	12.645	1788	1795	1805	rBV	108098	142884	4.83%	0.704%
14	12.763	1808	1815	1819	rVB	52143	79832	2.70%	0.394%
15	12.921	1837	1842	1845	rBV	3268908	2960556	100.00%	14.597%
16	13.780	1981	1988	1991	rBV	37292	58688	1.98%	0.289%
17	13.827	1991	1996	1998	rVV2	161144	234071	7.91%	1.154%
18	13.851	1998	2000	2005	rVB	199452	187967	6.35%	0.927%
19	13.974	2015	2021	2025	rBV	1166817	1033587	34.91%	5.096%
20	14.462	2099	2104	2108	rBV	37299	51357	1.73%	0.253%
21	14.768	2154	2156	2160	rVB	31526	32389	1.09%	0.160%
22	15.445	2266	2271	2277	rBV	635047	810237	27.37%	3.995%

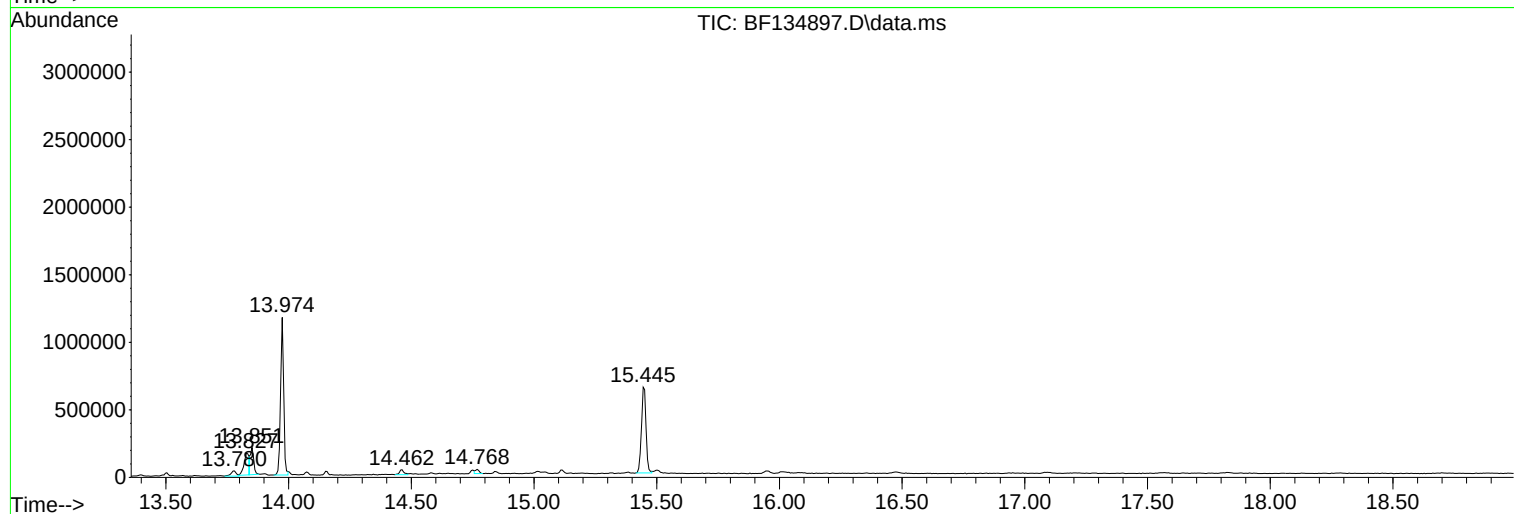
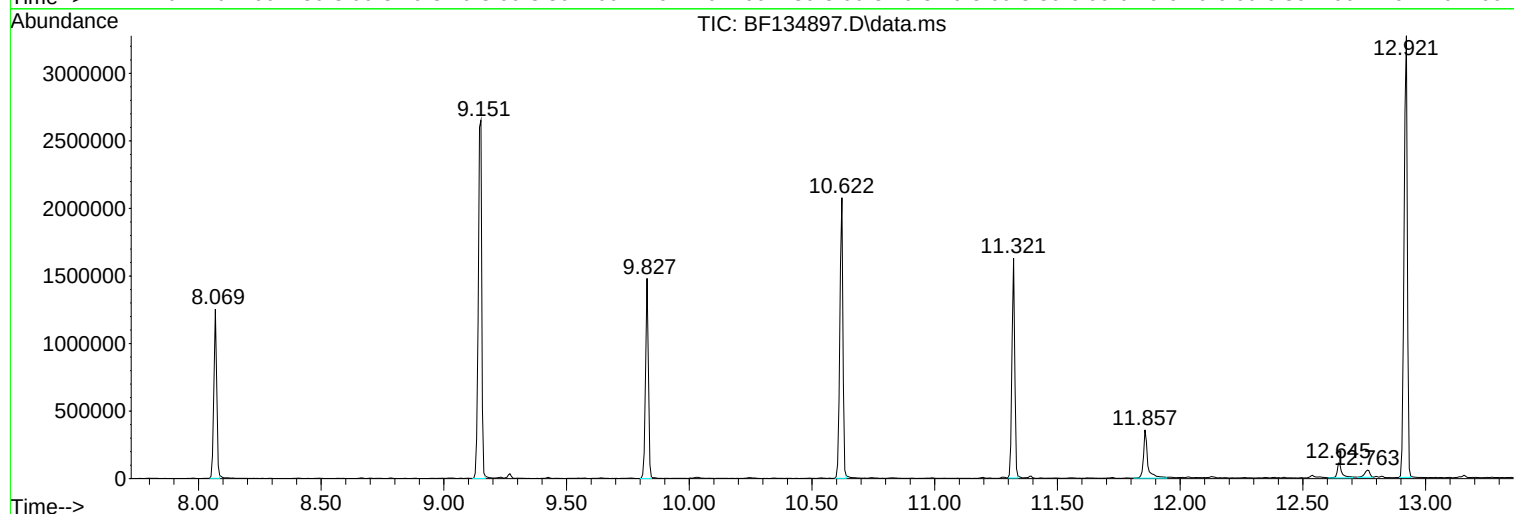
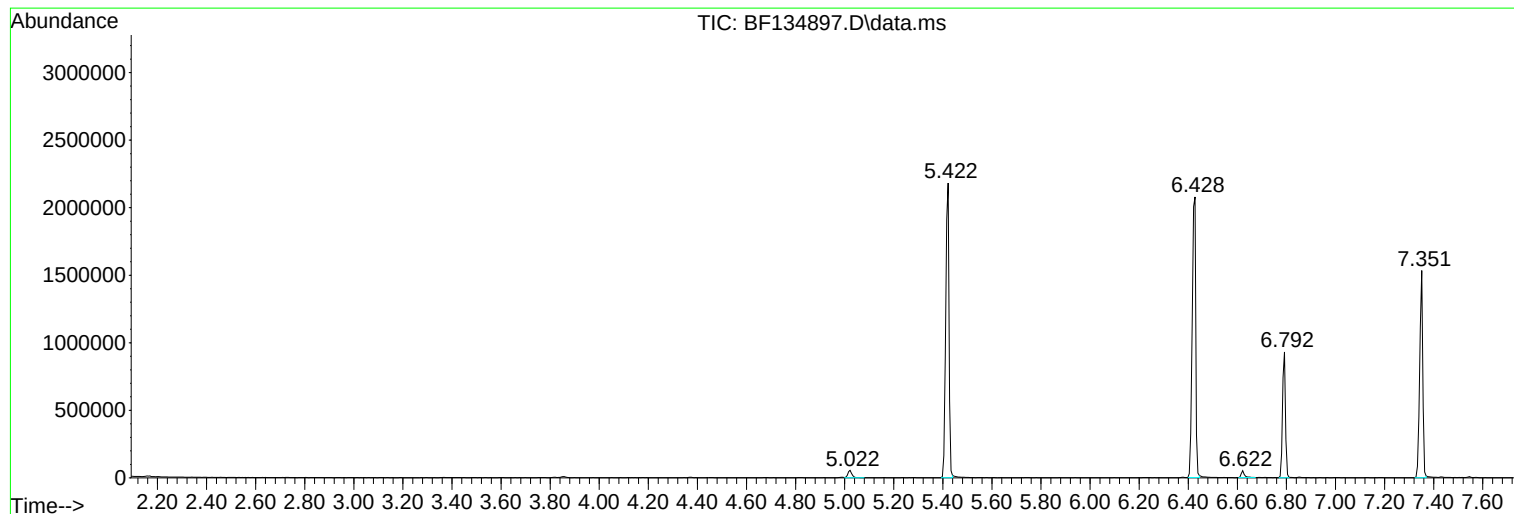
Sum of corrected areas: 20281827

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082223.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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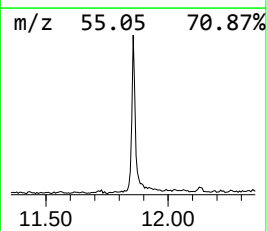
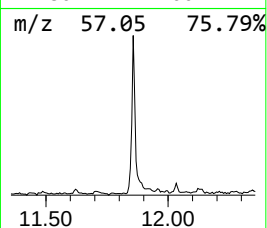
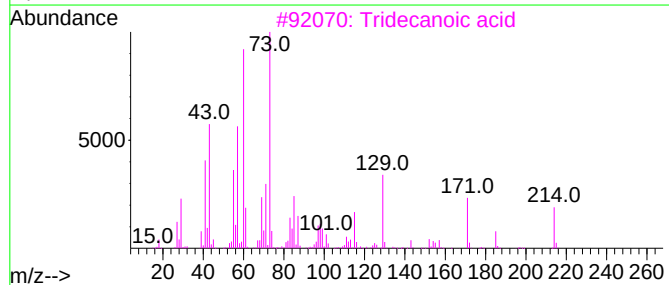
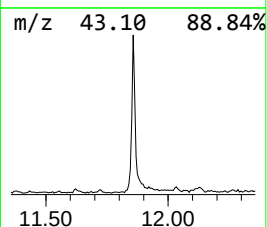
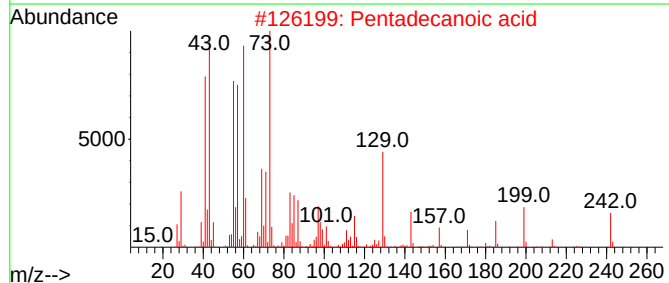
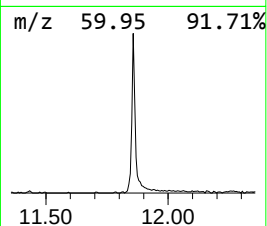
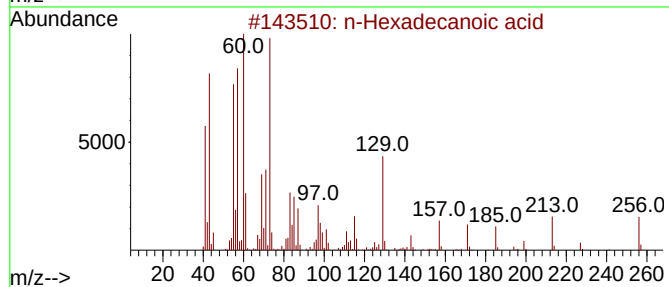
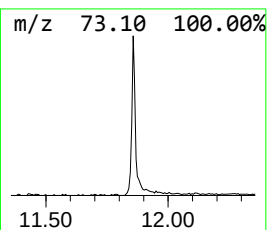
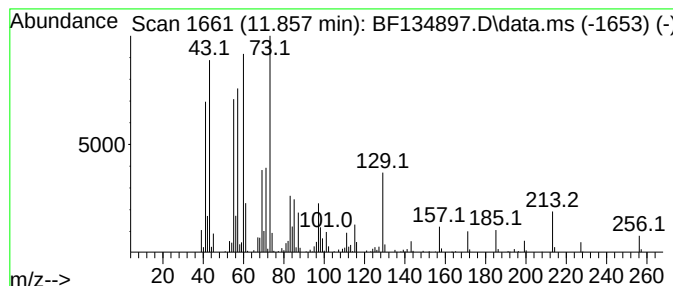
Instrument :
BNA_F
ClientSampleId :
TP-H

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.857	6.45 ng	421359	Phenanthrene-d10		11.322	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid		256	C16H32O2	000057-10-3	99
2	Pentadecanoic acid		242	C15H30O2	001002-84-2	91
3	Tridecanoic acid		214	C13H26O2	000638-53-9	81
4	Tetradecanoic acid		228	C14H28O2	000544-63-8	80
5	Nonanoic acid		158	C9H18O2	000112-05-0	43



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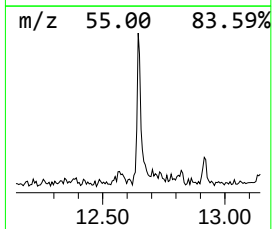
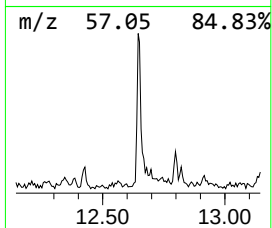
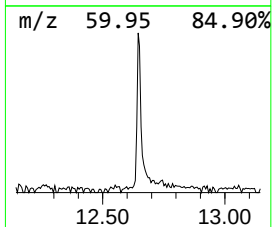
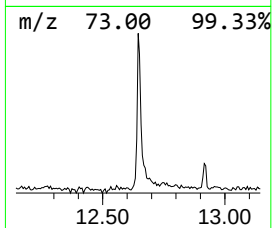
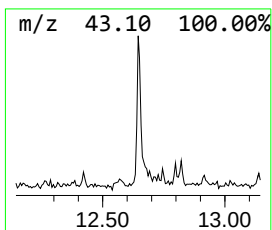
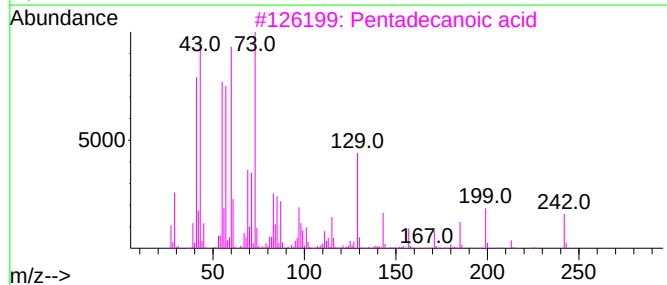
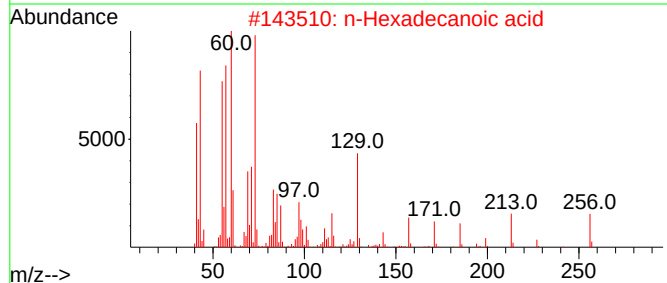
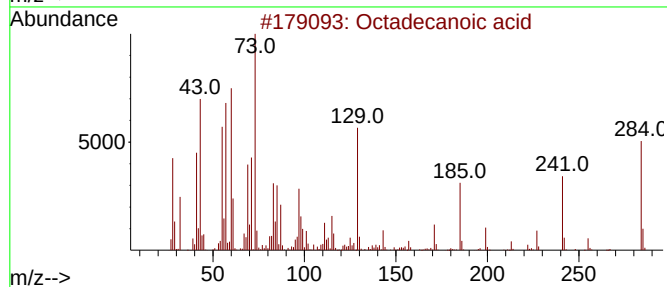
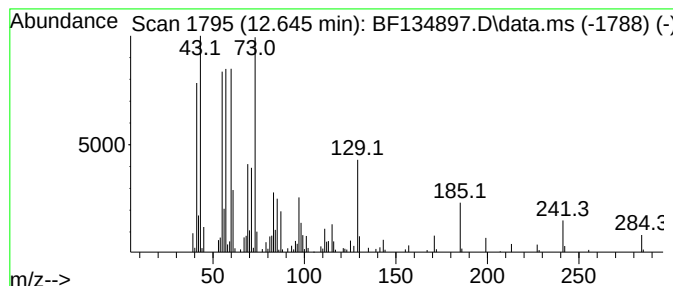
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082223.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.645	2.19 ng	142884	Phenanthrene-d10	11.322

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	91
3			Pentadecanoic acid	242	C15H30O2	001002-84-2	86
4			Tetradecanoic acid	228	C14H28O2	000544-63-8	80
5			n-Decanoic acid	172	C10H20O2	000334-48-5	68



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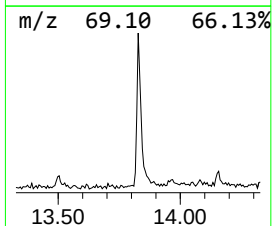
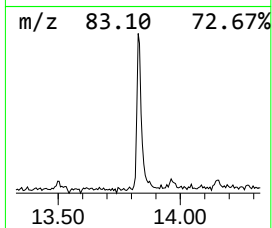
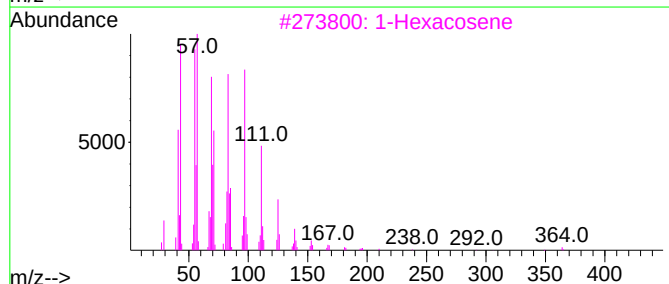
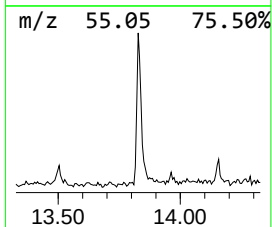
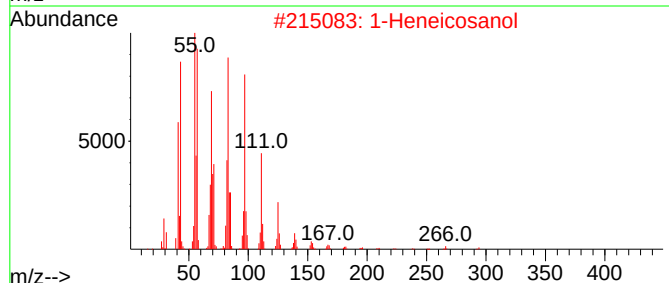
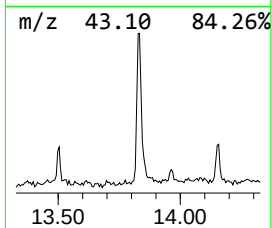
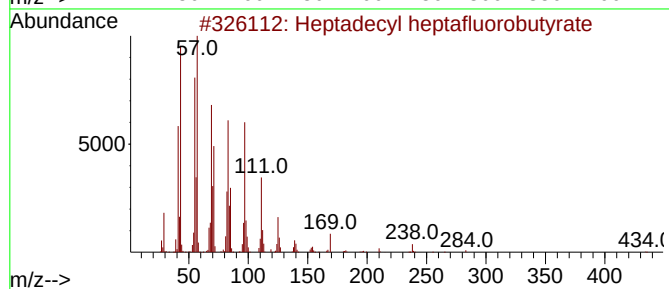
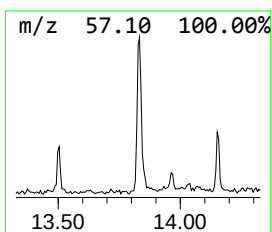
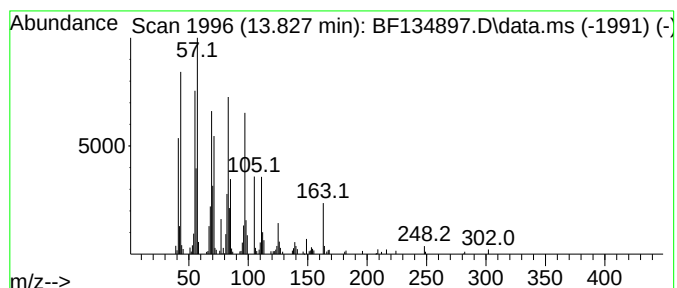
Instrument :
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TIC Integration Parameters: LSCINT.P

Peak Number 3 Heptadecyl heptafluorobutyrate Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.827	4.53 ng	234071	Chrysene-d12	13.974	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	93
2	1-Heneicosanol	312	C21H44O	015594-90-8	93
3	1-Hexacosene	364	C26H52	018835-33-1	93
4	Pentadecafluorooctanoic acid, oc...	666	C26H37F15O2	1000406-04-8	93
5	Pentafluoropropionic acid, octad...	416	C21H37F5O2	959261-25-7	90



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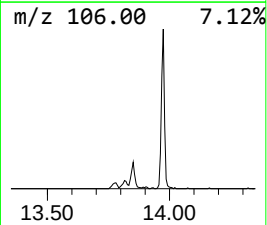
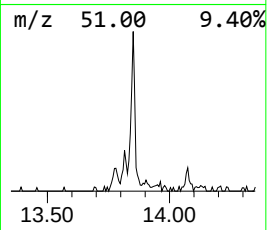
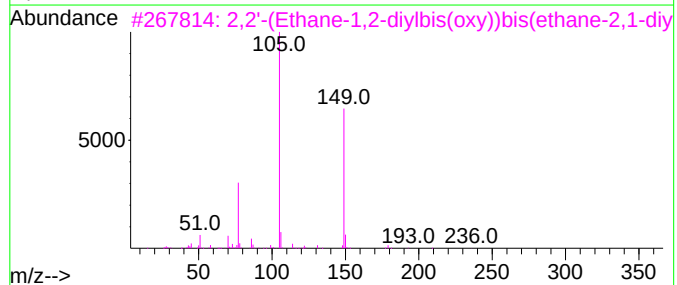
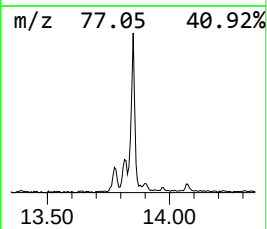
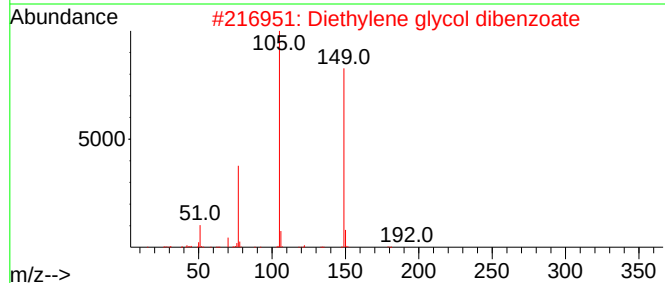
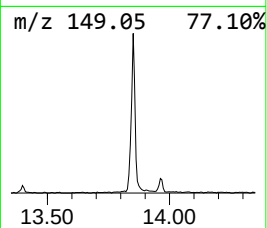
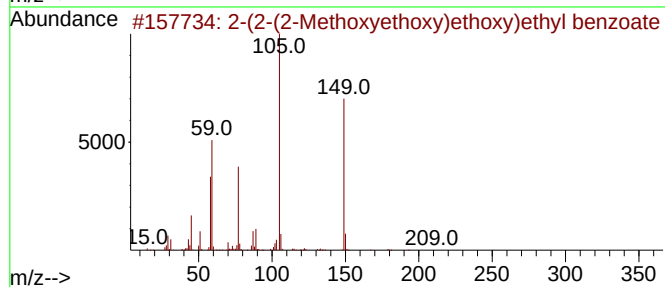
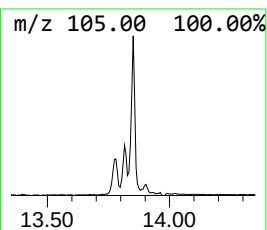
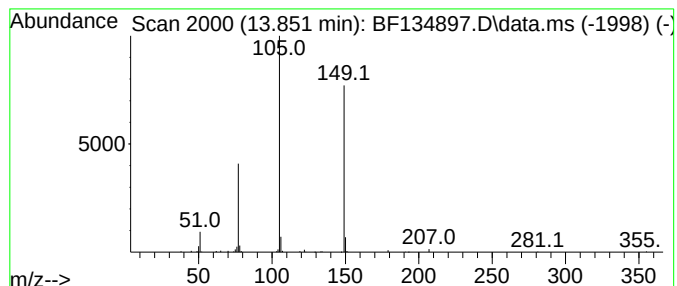
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Peak Number 4 2-(2-(2-Methoxyethoxy)ethox... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.851	3.64 ng	187967	Chrysene-d12	13.974

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-(2-(2-Methoxyethoxy)ethoxy)eth...	268	C14H20O5	1000366-99-1	83
2			Diethylene glycol dibenzoate	314	C18H18O5	000120-55-8	83
3			2,2'-(Ethane-1,2-diylbis(oxy))bi...	358	C20H22O6	1000366-99-4	64
4			Benzoic acid, phenyl ester	198	C13H10O2	000093-99-2	35
5			1-Propanone, 3-chloro-1-phenyl-	168	C9H9ClO	000936-59-4	35



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic ...	11.857	6.5	ng	421359	4	11.322	1307490	20.0
Octadecanoic acid	12.645	2.2	ng	142884	4	11.322	1307490	20.0
Heptadecyl hept...	13.827	4.5	ng	234071	5	13.974	1033590	20.0
2-(2-(2-Methoxy...	13.851	3.6	ng	187967	5	13.974	1033590	20.0