

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062525\
 Data File : BF142851.D
 Acq On : 25 Jun 2025 22:10
 Operator : RC/JU
 Sample : Q2399-05
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EP-7

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-BF061925.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF142851.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.087	486	492	500	rVB	78491	112535	10.78%	1.363%
2	5.493	555	561	579	rBV	784925	1012239	96.95%	12.262%
3	6.504	727	733	751	rBV	792337	1044107	100.00%	12.648%
4	6.875	791	796	801	rBV	373171	449788	43.08%	5.449%
5	7.434	886	891	902	rBV	466508	607702	58.20%	7.362%
6	8.157	1009	1014	1021	rBV	424878	528983	50.66%	6.408%
7	9.233	1192	1197	1202	rBV	811324	976305	93.51%	11.827%
8	9.916	1308	1313	1318	rBV	378628	452384	43.33%	5.480%
9	10.627	1428	1434	1440	rBV	73550	90072	8.63%	1.091%
10	10.704	1442	1447	1458	rVV	398518	495676	47.47%	6.004%
11	11.404	1561	1566	1573	rBV	306230	374223	35.84%	4.533%
12	11.927	1650	1655	1668	rBV2	52498	86592	8.29%	1.049%
13	12.716	1785	1789	1797	rBV5	7931	16577	1.59%	0.201%
14	12.992	1830	1836	1841	rBV	793320	991380	94.95%	12.009%
15	13.563	1929	1933	1939	rBV5	11451	21118	2.02%	0.256%
16	13.892	1985	1989	2000	rBV2	31769	71719	6.87%	0.869%
17	14.051	2011	2016	2022	rBV	402232	517585	49.57%	6.270%
18	14.210	2040	2043	2047	rBV	9083	12806	1.23%	0.155%
19	15.539	2264	2269	2281	rVB	232509	393337	37.67%	4.765%

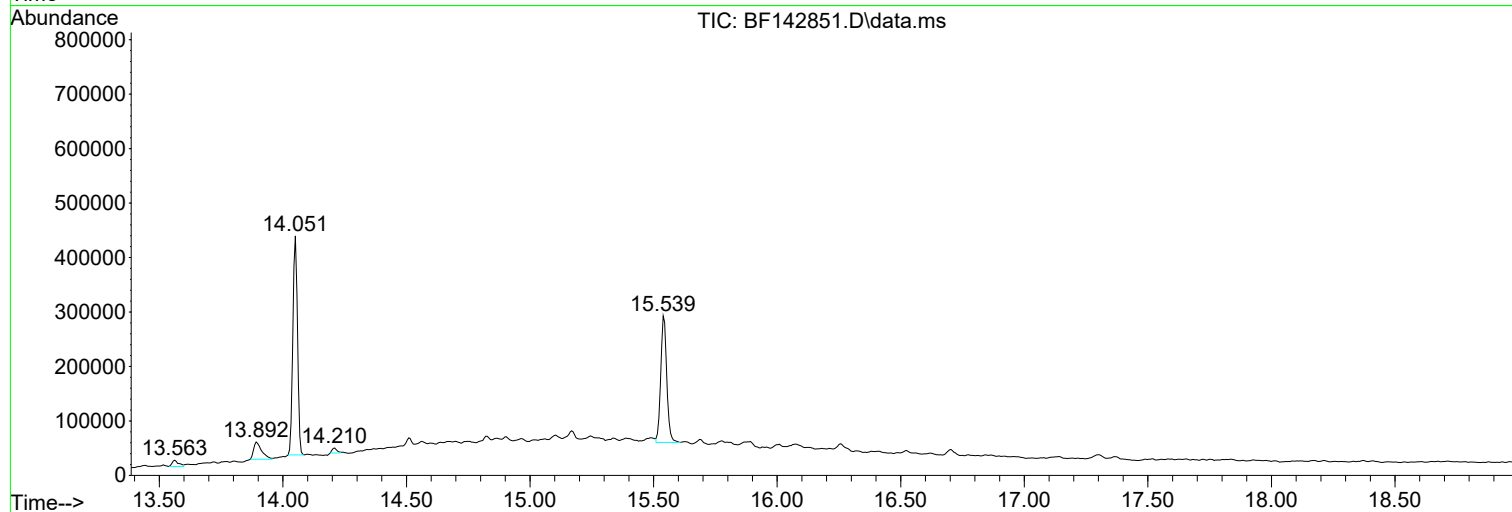
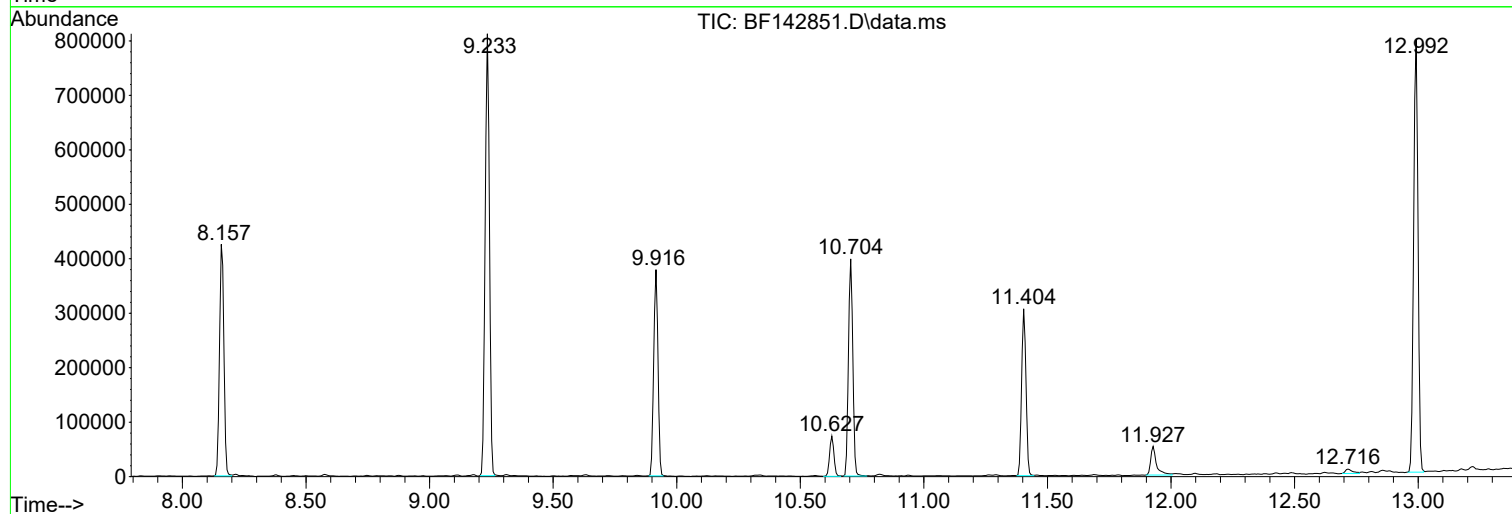
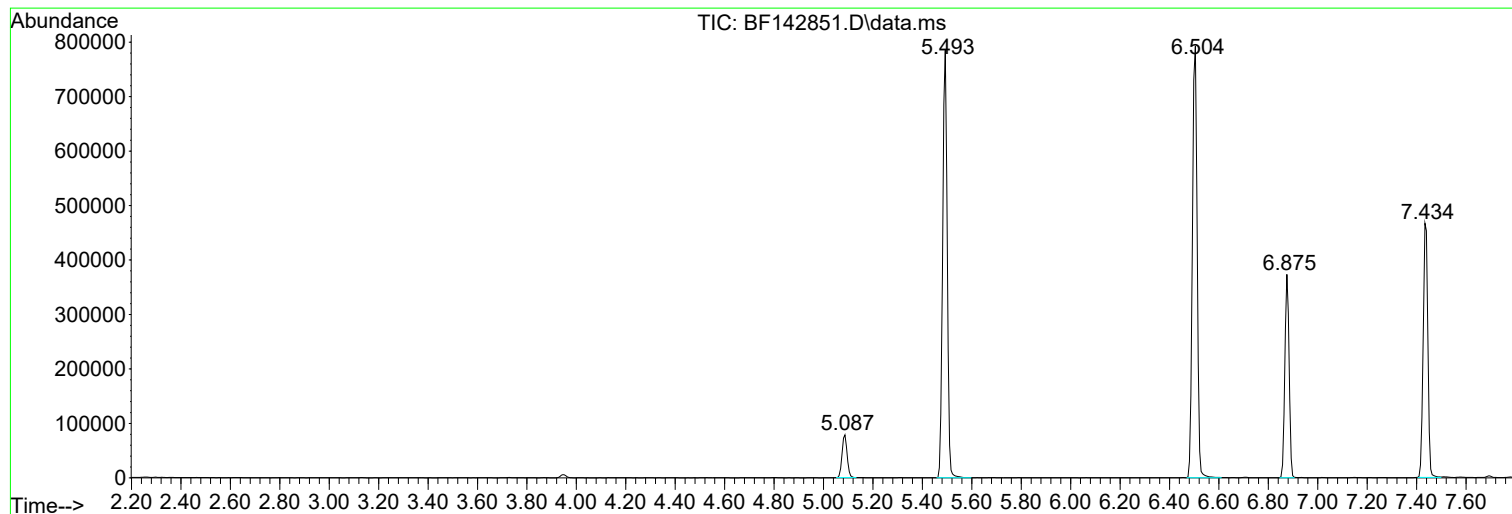
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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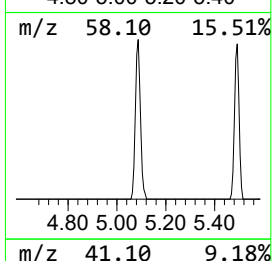
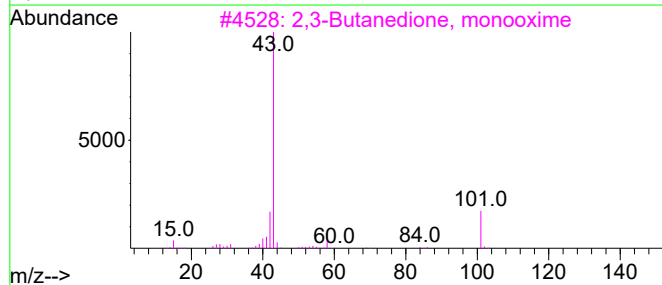
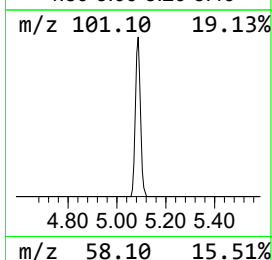
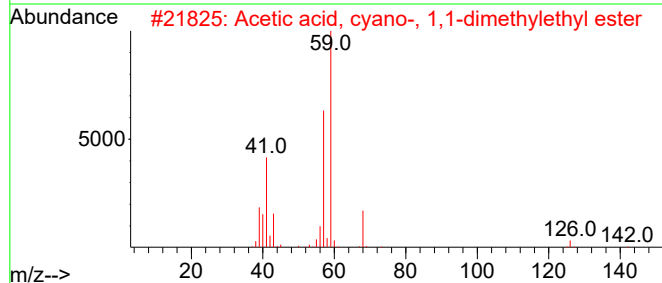
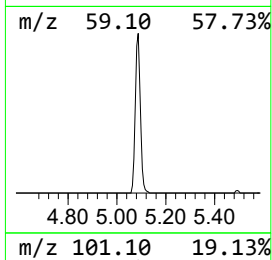
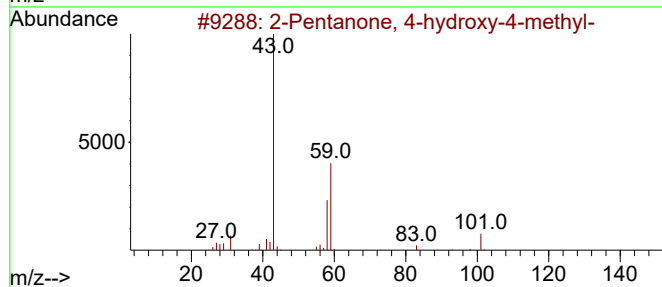
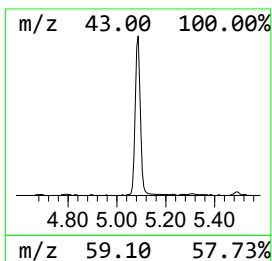
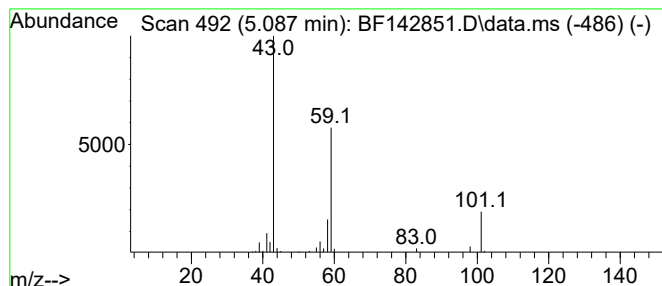
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Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.087	5.00 ng	112535	1,4-Dichlorobenzene-d4	6.875

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56		
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	32		
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25		
4	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10		
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9		



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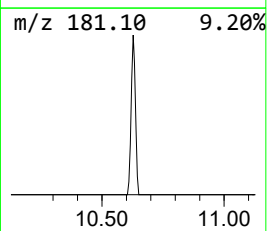
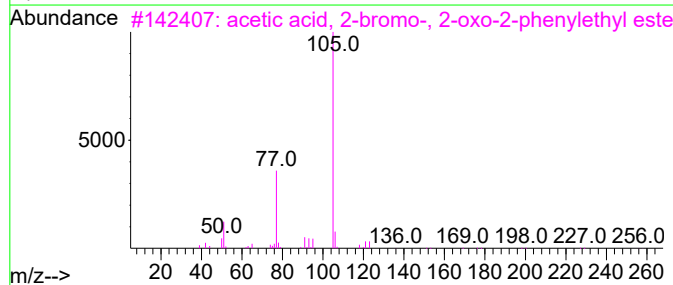
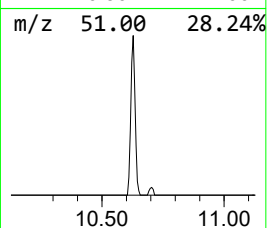
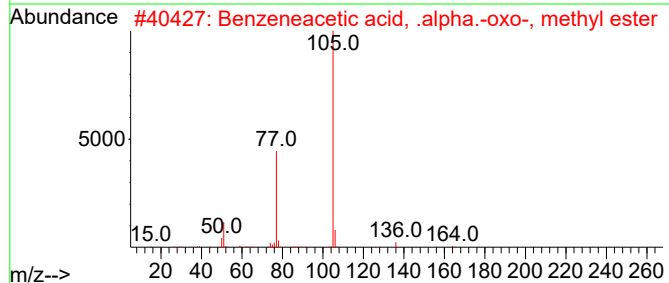
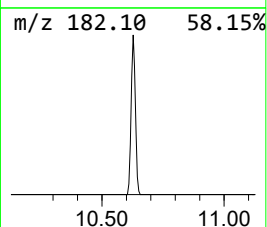
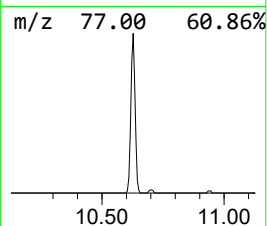
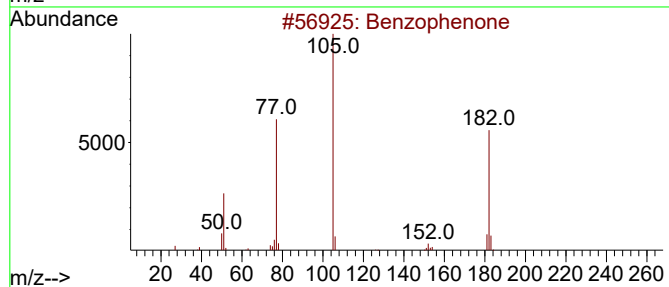
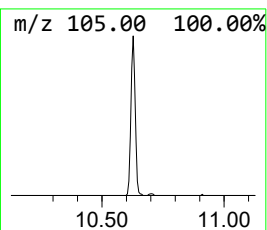
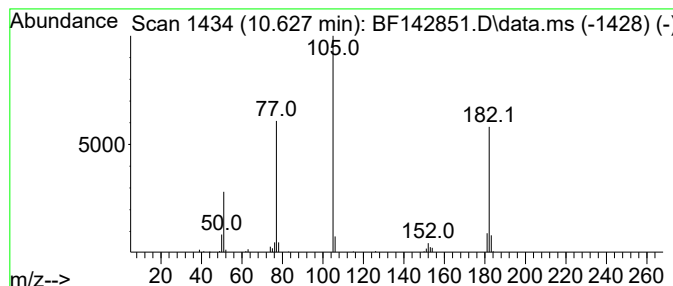
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Peak Number 2 Benzophenone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.628	3.98 ng	90072	Acenaphthene-d10	9.916

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzophenone	182	C13H10O	000119-61-9	96
2			Benzeneacetic acid, .alpha.-oxo-...	164	C9H8O3	015206-55-0	47
3			acetic acid, 2-bromo-, 2-oxo-2-p...	256	C10H9BrO3	1000401-50-0	47
4			Benzenepropanenitrile, .beta.-oxo-	145	C9H7NO	000614-16-4	47
5			Benzenecarbothioic acid	138	C7H6OS	000098-91-9	47



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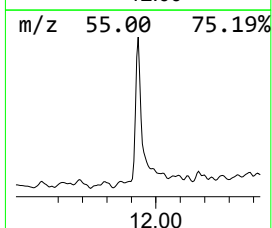
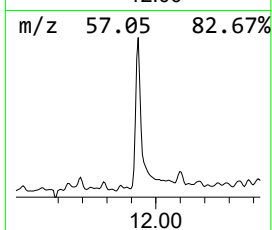
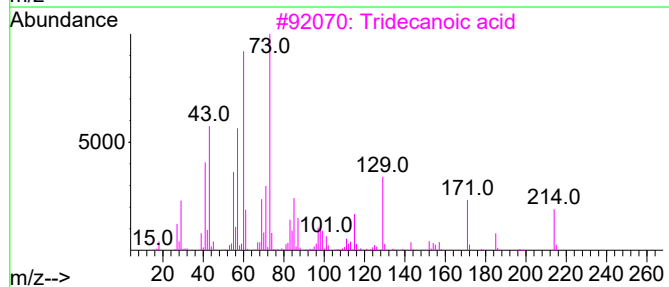
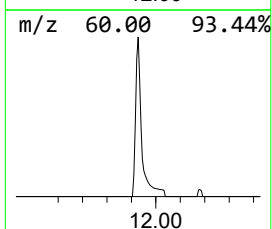
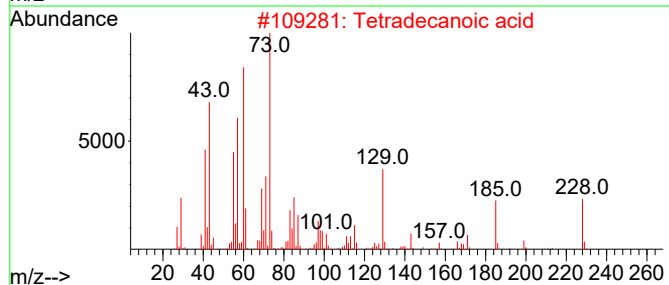
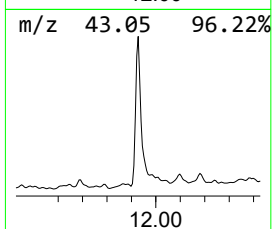
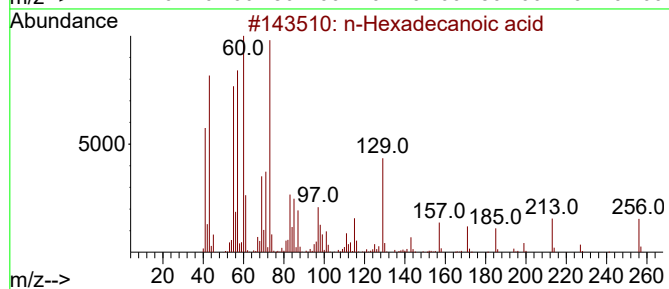
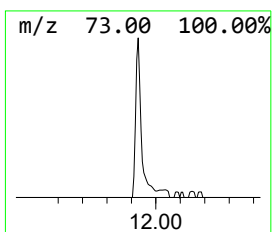
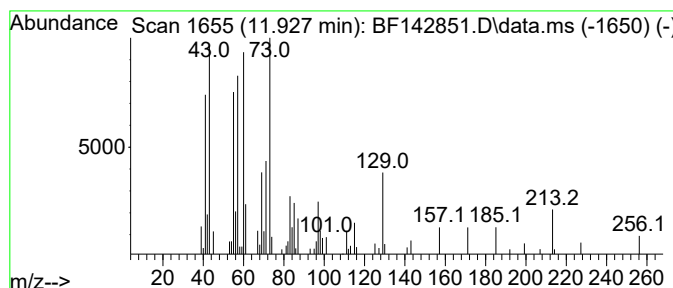
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Peak Number 3 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.927	4.63 ng	86592	Phenanthrene-d10	11.404	
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	74
3	Tridecanoic acid	214	C13H26O2	000638-53-9	70
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	68
5	Dodecanoic acid	200	C12H24O2	000143-07-7	35



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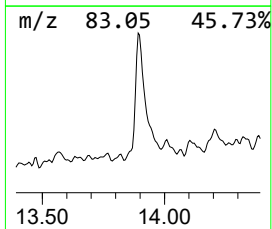
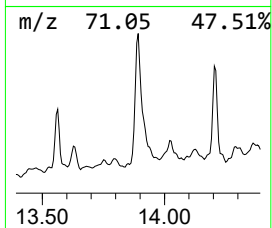
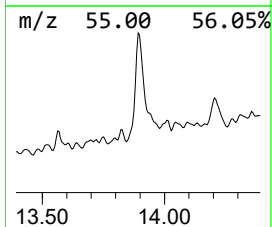
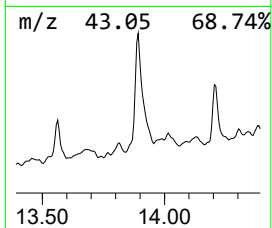
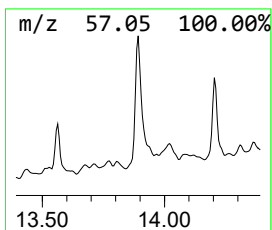
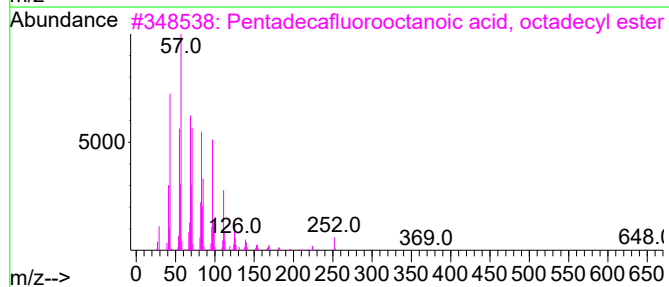
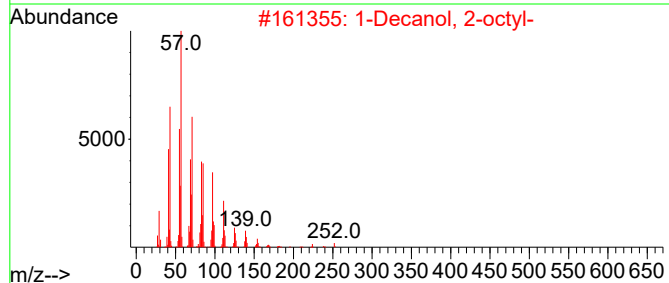
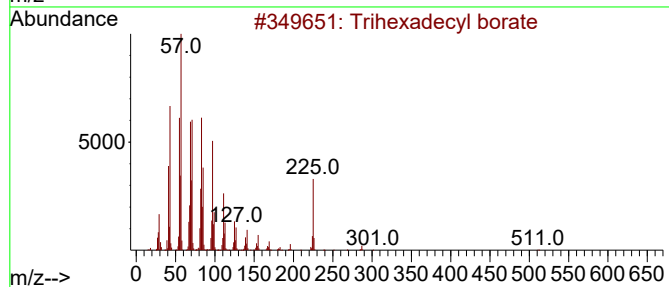
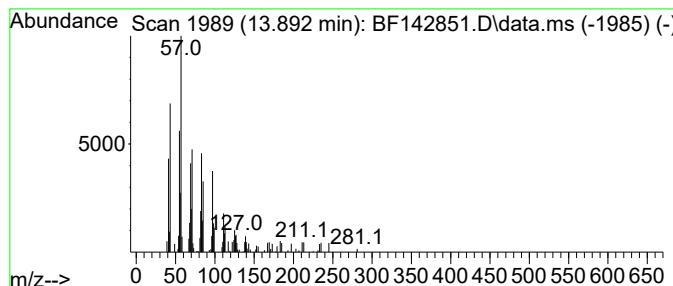
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Peak Number 4 Trihexadecyl borate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.892	2.77 ng	71719	Chrysene-d12	14.051

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Trihexadecyl borate	735	C48H99B03	002665-11-4	90
2			1-Decanol, 2-octyl-	270	C18H38O	045235-48-1	87
3			Pentadecafluorooctanoic acid, oc...	666	C26H37F15O2	1000406-04-8	87
4			Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	87
5			Isobutyl tetratriacontyl ether	551	C38H78O	1000406-33-7	87



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-...	5.087	5.0	ng	112535	1	6.875	449788	20.0
Benzophenone	10.628	4.0	ng	90072	3	9.916	452384	20.0
n-Hexadecanoic ...	11.927	4.6	ng	86592	4	11.404	374223	20.0
Trihexadecyl bo...	13.892	2.8	ng	71719	5	14.051	517585	20.0