

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051123\
 Data File : BF133356.D
 Acq On : 11 May 2023 16:00
 Operator : CG\JU
 Sample : 02743-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DRUM-B-SLUDGE

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-BF042123.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF133356.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.899	474	478	488	rVB	194155	242708	6.97%	0.915%
2	5.328	547	551	563	rBV	3332885	3186301	91.56%	12.018%
3	6.363	722	727	743	rBV	3493205	3439217	98.82%	12.972%
4	6.716	784	787	791	rBV	1321999	1065699	30.62%	4.019%
5	7.281	879	883	886	rBV	2453034	1989999	57.18%	7.506%
6	7.487	916	918	922	rBV	45664	38970	1.12%	0.147%
7	8.004	1002	1006	1009	rBV	1599277	1418581	40.76%	5.350%
8	9.075	1185	1188	1192	rBV	3909759	3480138	100.00%	13.126%
9	9.751	1300	1303	1307	rBV	2091569	1591529	45.73%	6.003%
10	10.463	1421	1424	1428	rBV	235730	188016	5.40%	0.709%
11	10.539	1433	1437	1455	rBV	2478200	2179087	62.61%	8.219%
12	11.233	1551	1555	1559	rBV	1975255	1624834	46.69%	6.128%
13	11.304	1564	1567	1570	rVB2	67124	54706	1.57%	0.206%
14	11.769	1642	1646	1657	rBV2	116737	195074	5.61%	0.736%
15	12.822	1821	1825	1828	rBV	3570337	3221087	92.56%	12.149%
16	13.733	1976	1980	1996	rBV2	74255	182410	5.24%	0.688%
17	13.869	1999	2003	2009	rBV	1315734	1124885	32.32%	4.243%
18	14.351	2082	2085	2091	rBV3	31104	39071	1.12%	0.147%
19	14.716	2144	2147	2154	rVB	97642	108948	3.13%	0.411%
20	15.286	2239	2244	2249	rBV	955250	1142160	32.82%	4.308%

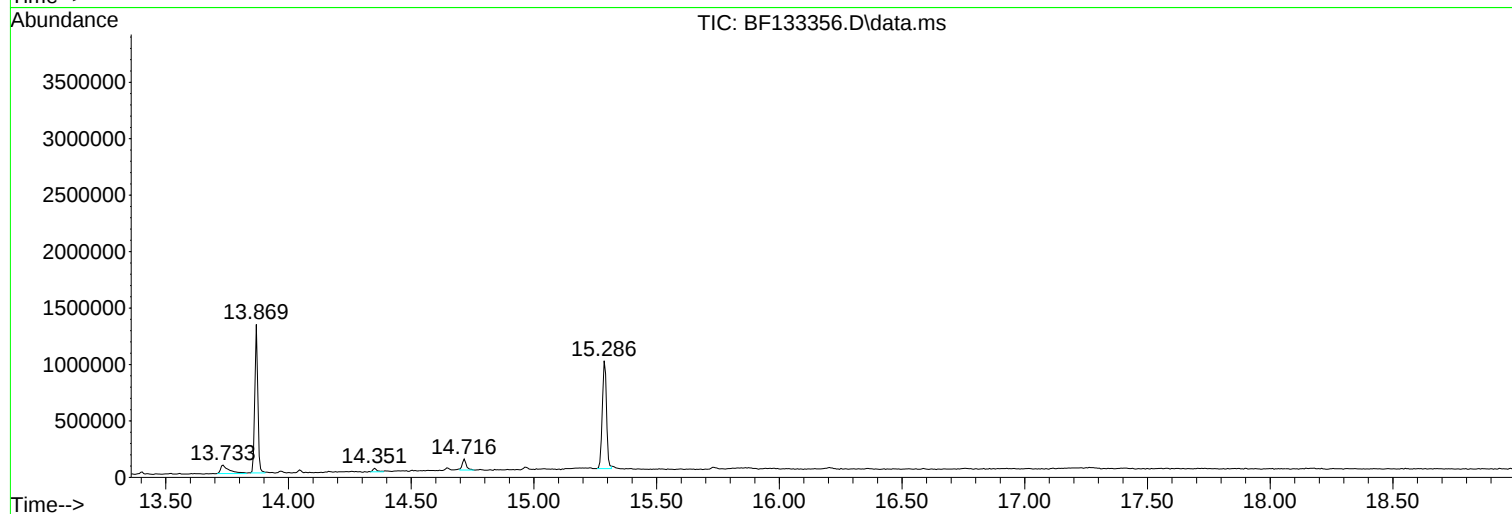
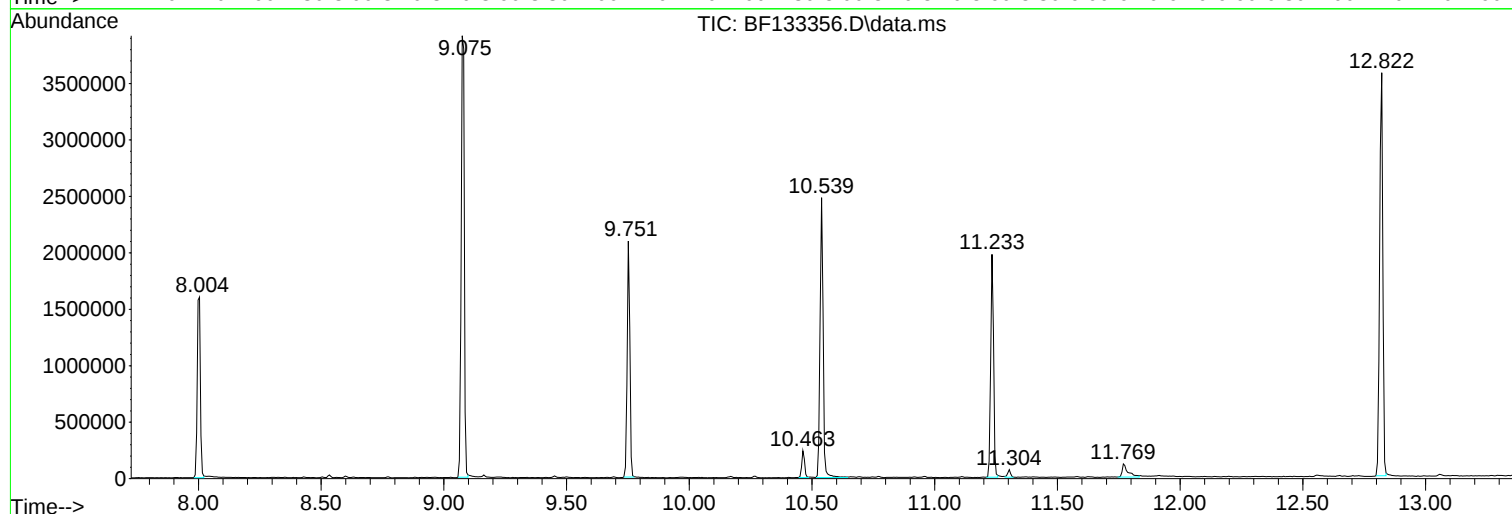
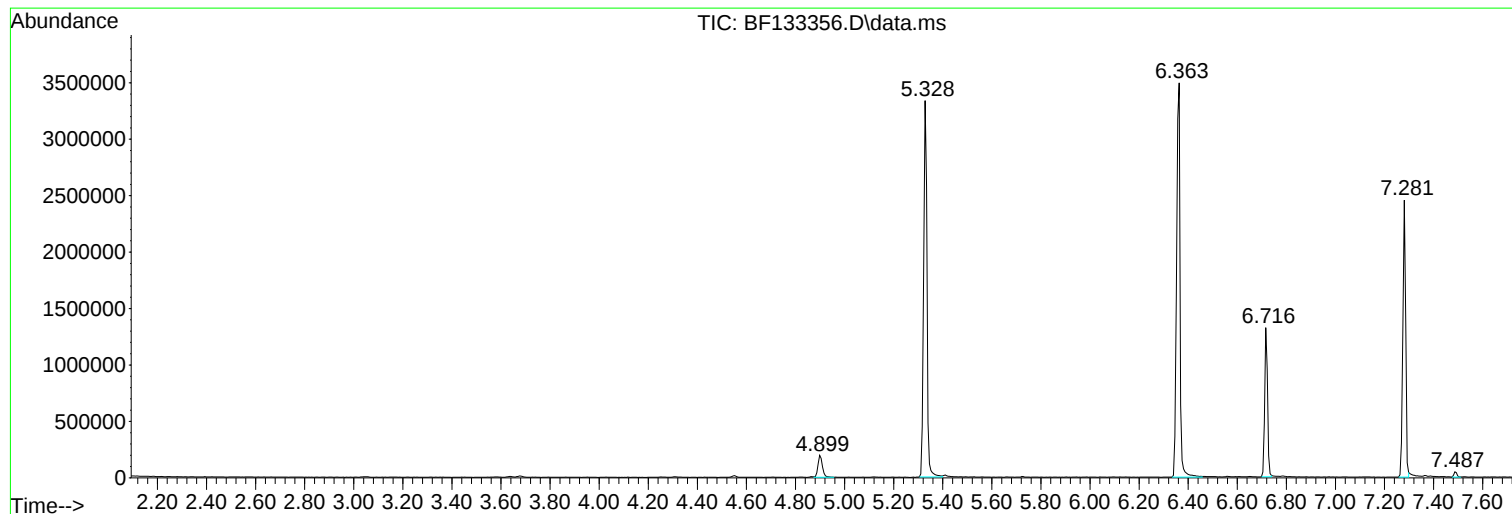
Sum of corrected areas: 26513420

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
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TIC Library : C:\Database\NIST20.L
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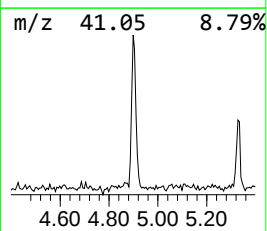
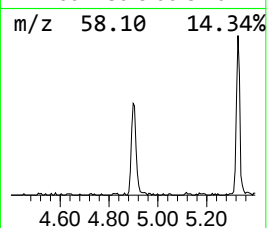
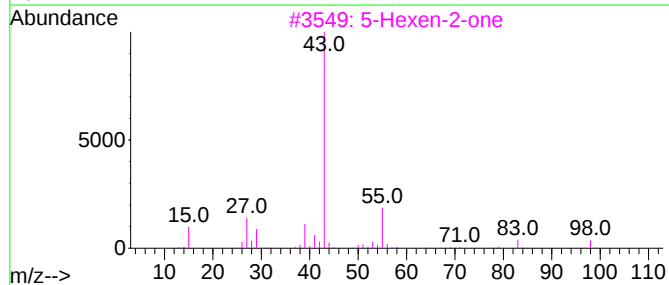
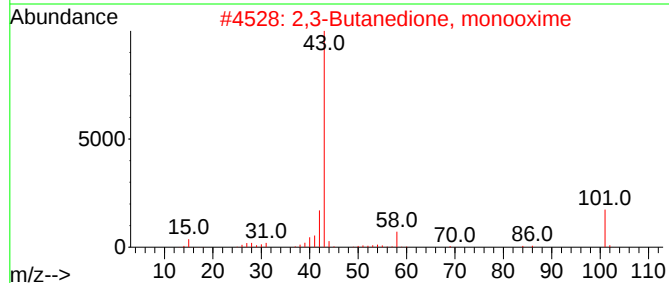
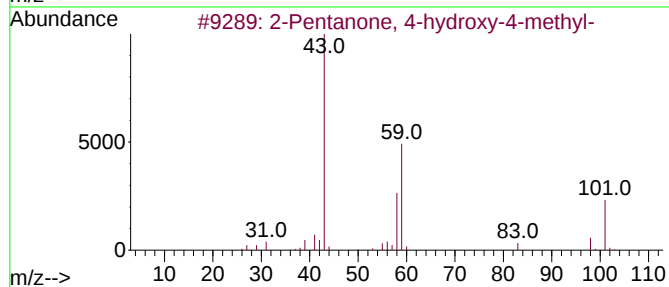
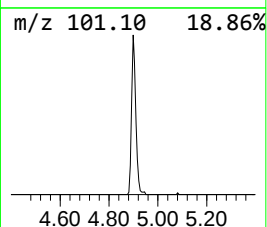
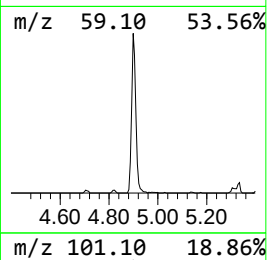
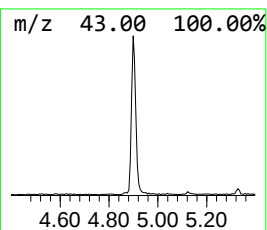
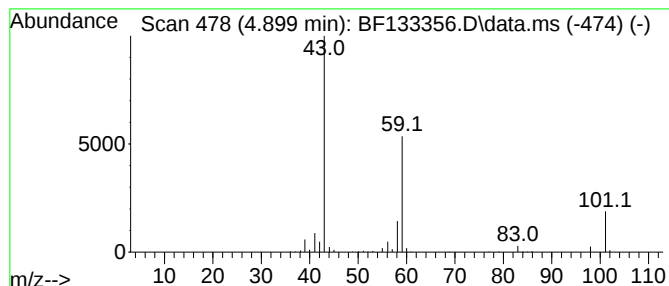
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.899	4.55 ng	242708	1,4-Dichlorobenzene-d4	6.716

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56		
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9		
3	5-Hexen-2-one	98	C6H10O	000109-49-9	9		
4	Propane, 1-ethoxy-2-methyl-	102	C6H14O	000627-02-1	9		
5	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	9		



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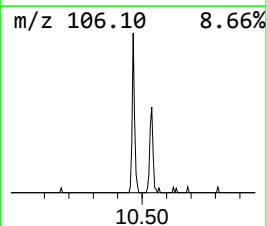
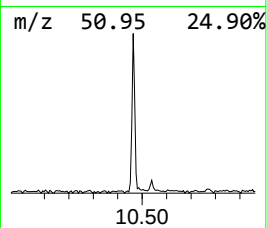
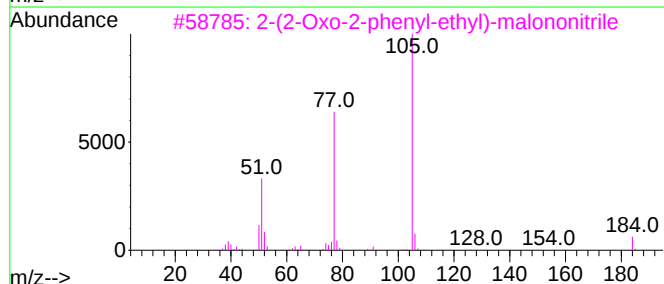
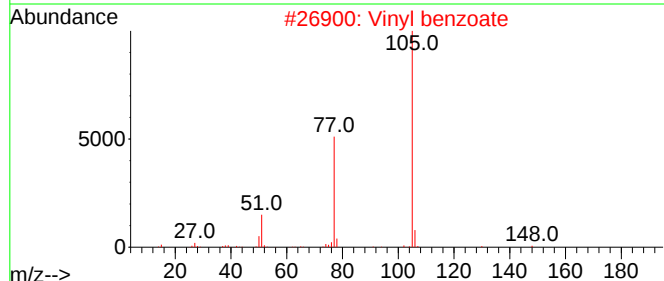
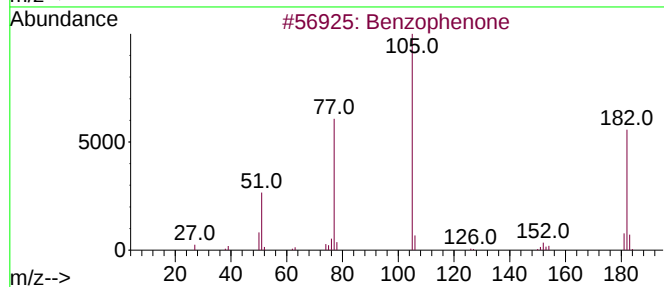
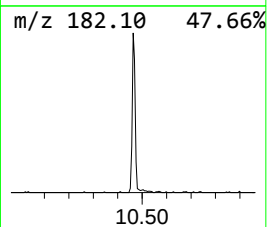
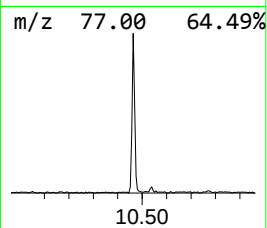
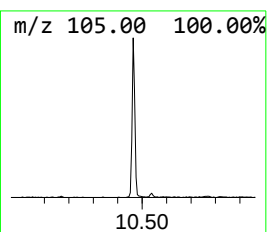
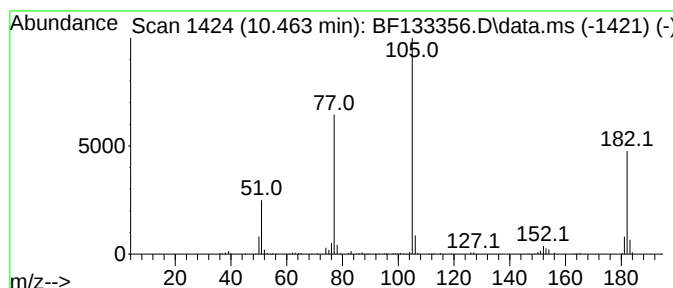
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Peak Number 2 Benzophenone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.463	2.36 ng	188016	Acenaphthene-d10	9.751

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzophenone	182	C13H10O	000119-61-9	96
2			Vinyl benzoate	148	C9H8O2	000769-78-8	47
3			2-(2-Oxo-2-phenyl-ethyl)-malononitrile	184	C11H8N2O	1000296-76-9	47
4			Benzeneacetic acid, .alpha.-oxo-	178	C10H10O3	001603-79-8	47
5			N-(1-Cyanovinyl)benzamide	172	C10H8N2O	1000186-19-1	47



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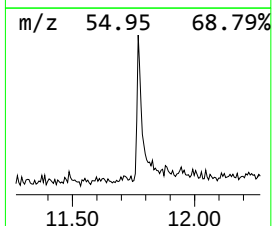
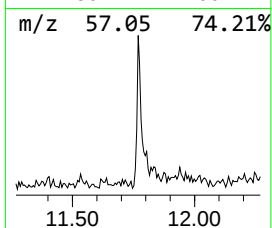
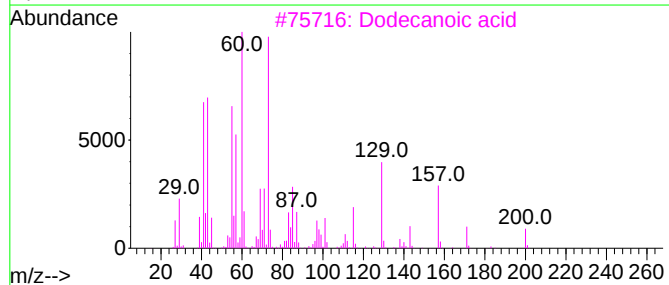
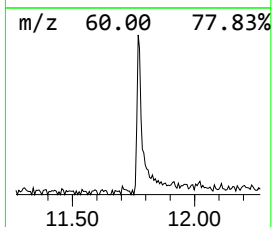
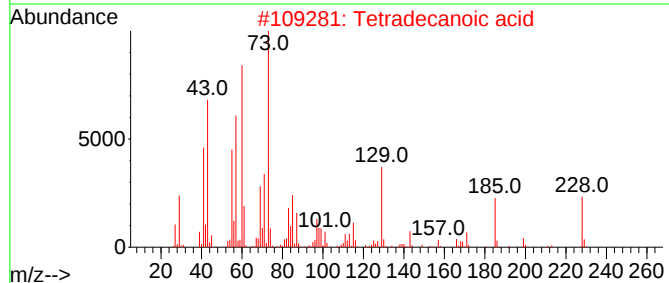
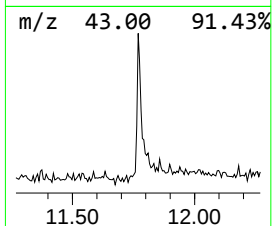
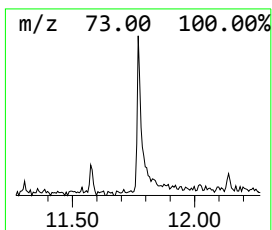
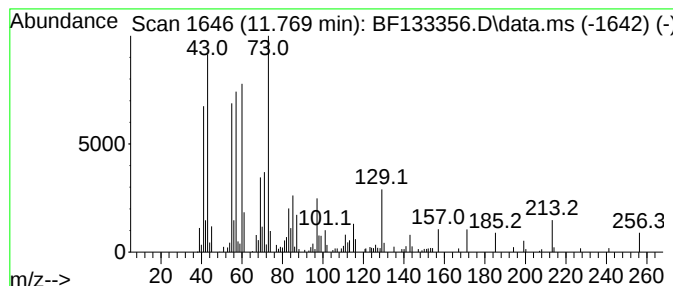
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Peak Number 3 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.769	2.40 ng	195074	Phenanthrene-d10	11.233

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2			Tetradecanoic acid	228	C14H28O2	000544-63-8	74
3			Dodecanoic acid	200	C12H24O2	000143-07-7	72
4			Tridecanoic acid	214	C13H26O2	000638-53-9	70
5			Pentadecanoic acid	242	C15H30O2	001002-84-2	64



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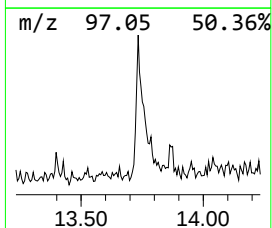
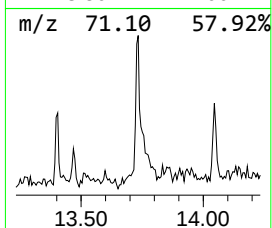
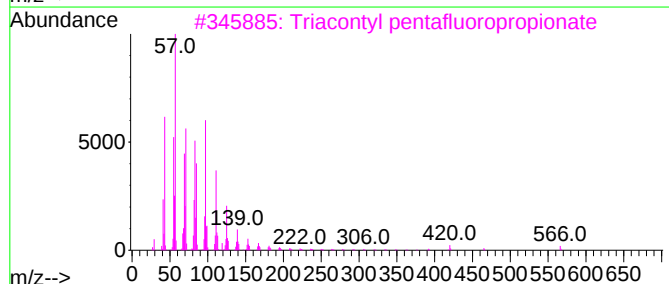
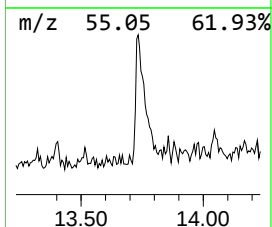
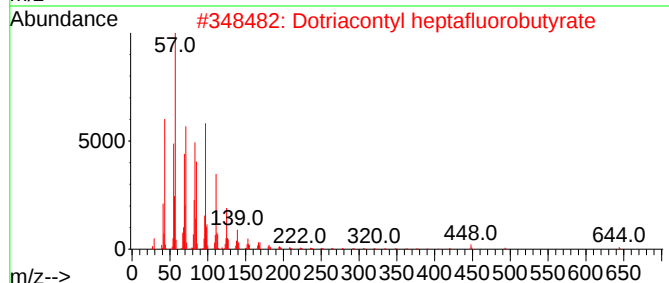
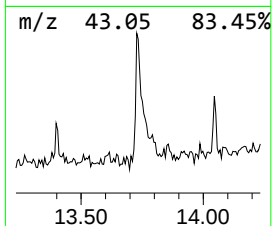
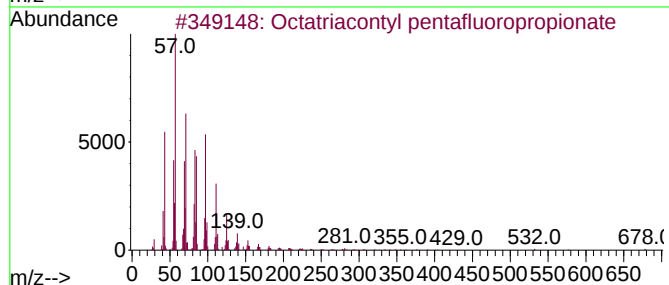
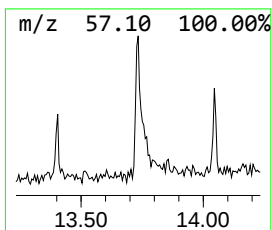
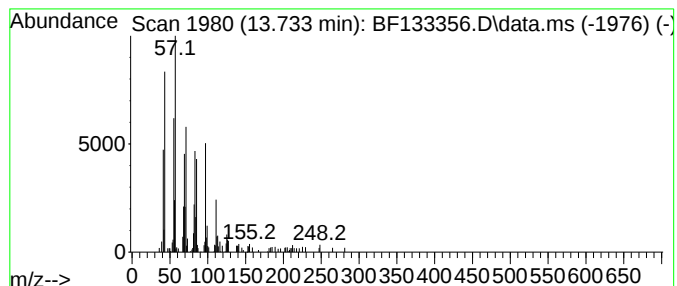
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Peak Number 4 Octatriacontyl pentafluorop... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.733	3.24 ng	182410	Chrysene-d12	13.869

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octatriacontyl pentafluoropropio...	697	C41H77F502	1000351-89-1	91
2			Dotriacontyl heptafluorobutyrate	662	C36H65F702	1000351-84-2	91
3			Triacontyl pentafluoropropionate	584	C33H61F502	1000351-80-0	91
4			Tetratriacontyl trifluoroacetate	591	C36H69F302	1000351-75-3	90
5			Dotriacontyl trifluoroacetate	562	C34H65F302	1000351-75-4	90



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-...	4.899	4.5	ng	242708	1	6.716	1065700	20.0
Benzophenone	10.463	2.4	ng	188016	3	9.751	1591530	20.0
n-Hexadecanoic ...	11.769	2.4	ng	195074	4	11.233	1624830	20.0
Octatriacontyl ...	13.733	3.2	ng	182410	5	13.869	1124890	20.0