

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042623\
 Data File : BF133069.D
 Acq On : 26 Apr 2023 17:29
 Operator : CG\JU
 Sample : 02448-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20230324-COMP-2

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: BF133069.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.928	479	483	489	rVB	59408	77526	1.67%	0.237%
2	5.345	549	554	557	rBV	4219212	4107054	88.29%	12.573%
3	6.375	723	729	732	rBV	4218819	4222236	90.76%	12.926%
4	6.734	786	790	793	rBV	1370414	1037640	22.31%	3.177%
5	7.298	881	886	889	rBV	3000395	2600397	55.90%	7.961%
6	8.016	1005	1008	1012	rBV	1714508	1414829	30.41%	4.331%
7	9.098	1187	1192	1195	rBV	4912973	4250000	91.36%	13.011%
8	9.769	1302	1306	1310	rBV	2054502	1605146	34.51%	4.914%
9	10.480	1424	1427	1431	rBV	392116	308669	6.64%	0.945%
10	10.557	1435	1440	1443	rBV	3284295	2933440	63.06%	8.980%
11	11.251	1554	1558	1561	rBV	2007578	1679814	36.11%	5.142%
12	11.786	1645	1649	1659	rBV2	540184	540145	11.61%	1.654%
13	12.569	1779	1782	1796	rVB	84933	117569	2.53%	0.360%
14	12.839	1823	1828	1831	rBV	4964607	4651887	100.00%	14.241%
15	13.816	1986	1994	2001	rBV8	55708	208811	4.49%	0.639%
16	13.880	2001	2005	2009	rVB	1354996	1289287	27.72%	3.947%
17	14.374	2085	2089	2093	rBV	51277	48868	1.05%	0.150%
18	14.739	2147	2151	2156	rBV	517292	513388	11.04%	1.572%
19	14.998	2191	2195	2199	rBV2	38979	47343	1.02%	0.145%
20	15.304	2242	2247	2253	rBV	850259	1011804	21.75%	3.097%

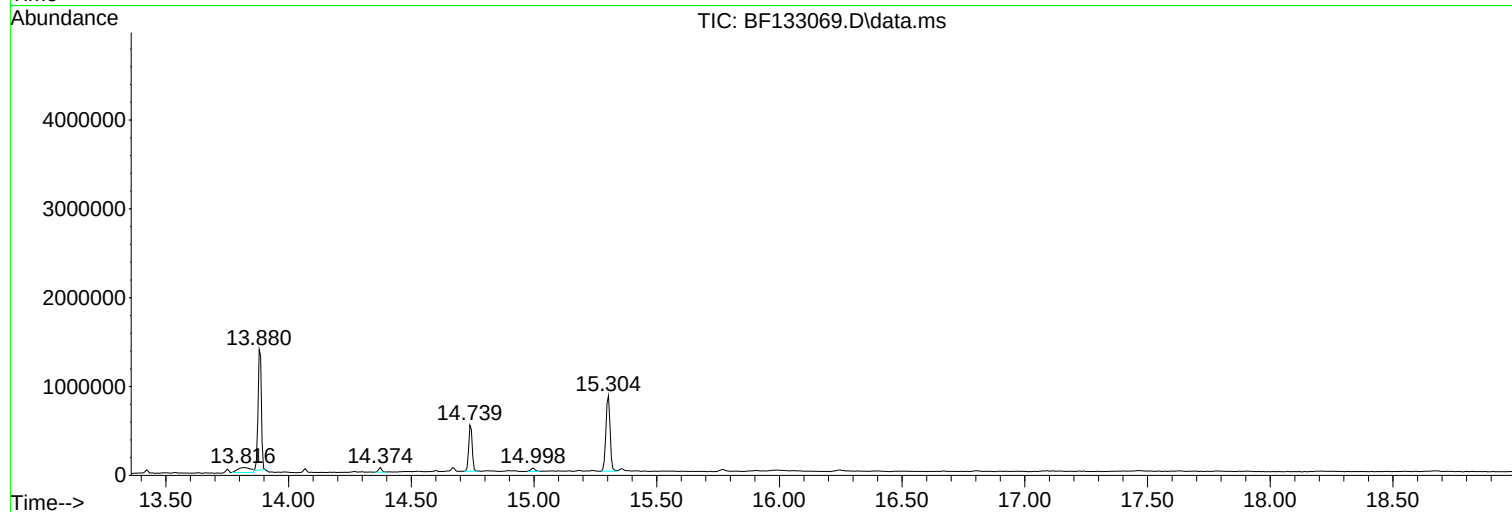
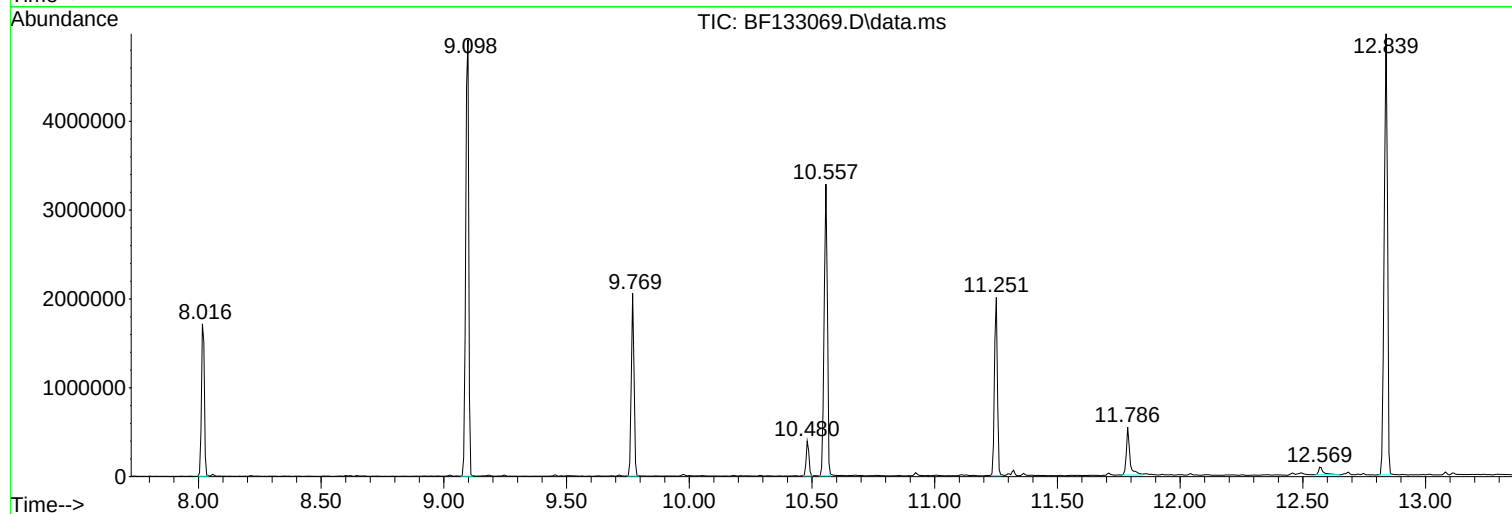
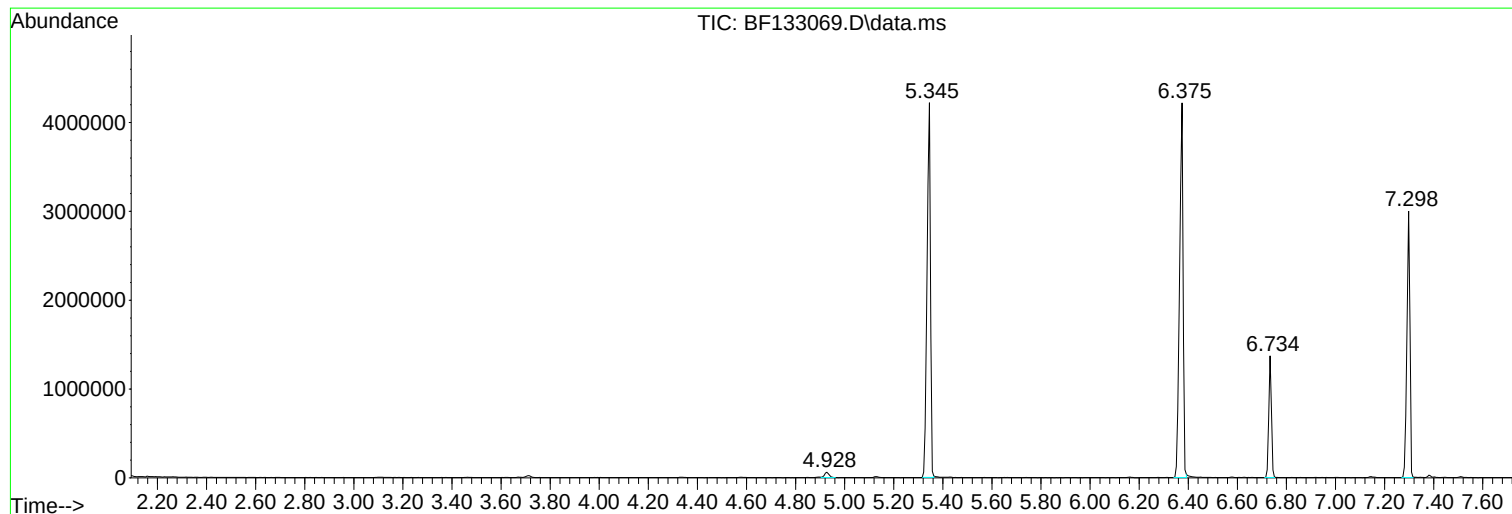
Sum of corrected areas: 32665853

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.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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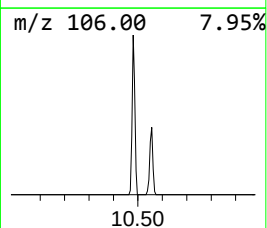
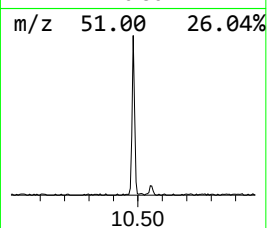
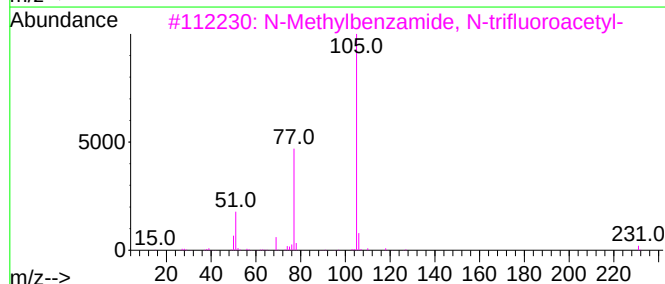
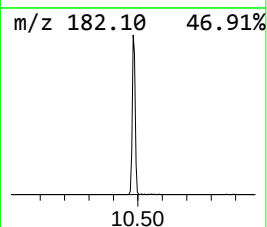
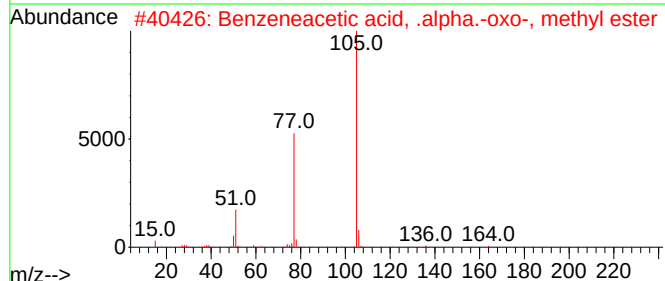
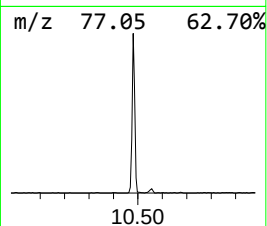
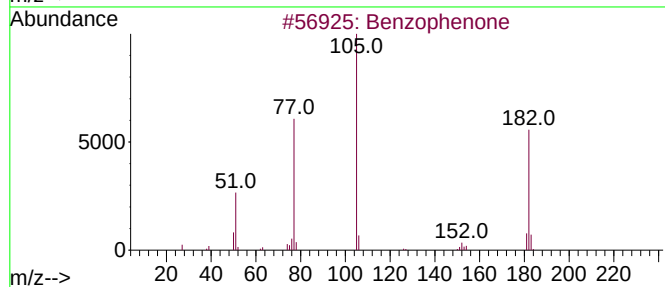
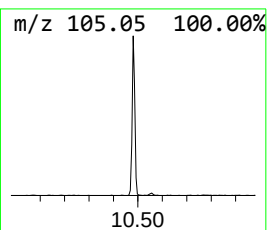
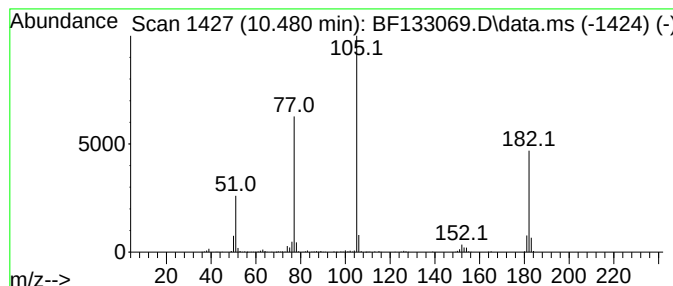
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Benzophenone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.480	3.85 ng	308669	Acenaphthene-d10	9.769

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	49
3			N-Methylbenzamide, N-trifluoroac...	231	C10H8F3NO2	1000446-91-5	47
4			1,2-Propanedione, 1-phenyl-	148	C9H8O2	000579-07-7	47
5			Vinyl benzoate	148	C9H8O2	000769-78-8	47



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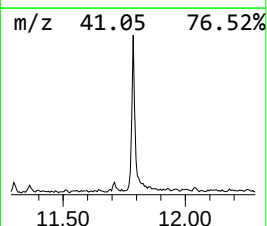
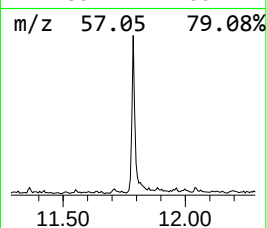
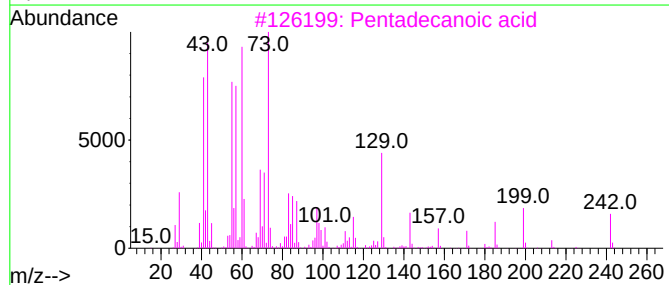
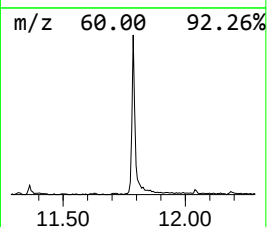
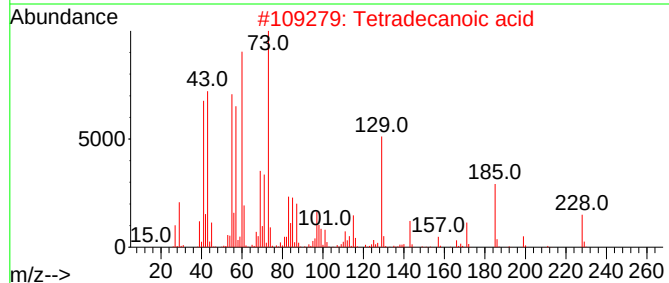
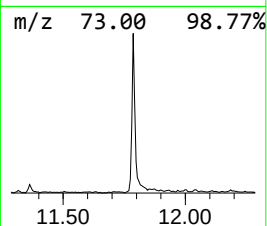
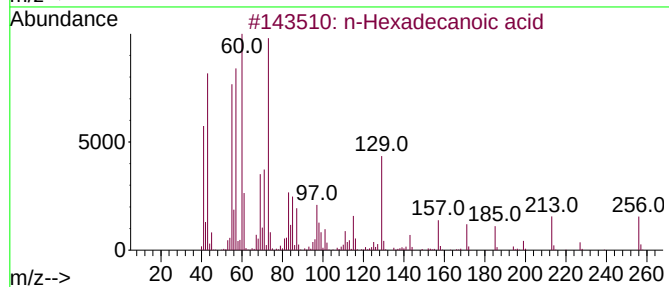
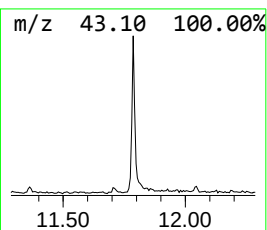
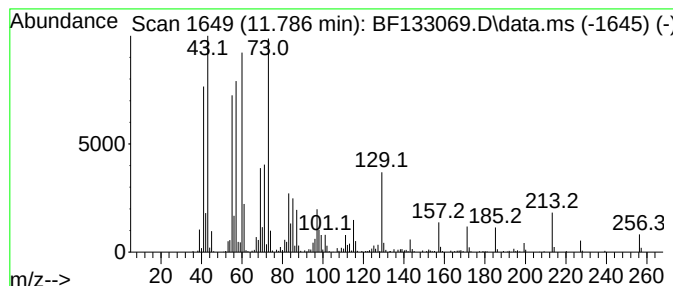
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TIC Library : C:\Database\NIST20.L
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Peak Number 2 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.786	6.43 ng	540145	Phenanthrene-d10	11.251

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	95
3			Pentadecanoic acid	242	C15H30O2	001002-84-2	91
4			Undecanoic acid	186	C11H22O2	000112-37-8	83
5			Tridecanoic acid	214	C13H26O2	000638-53-9	72



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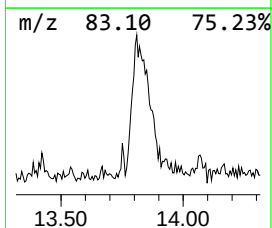
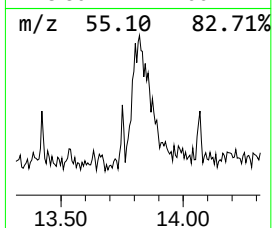
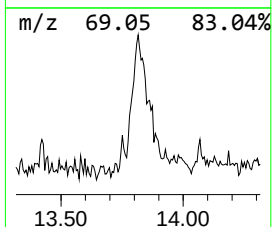
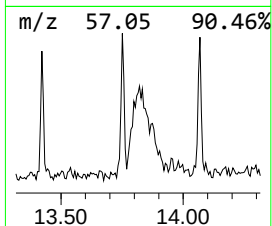
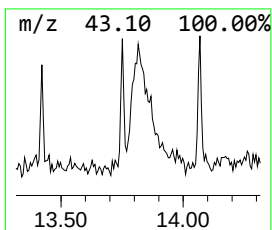
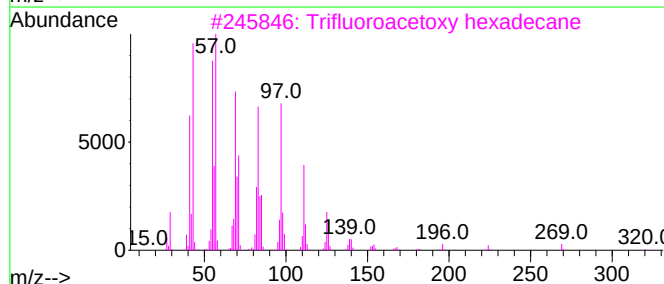
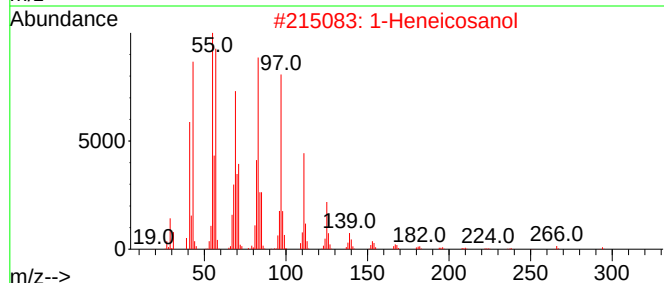
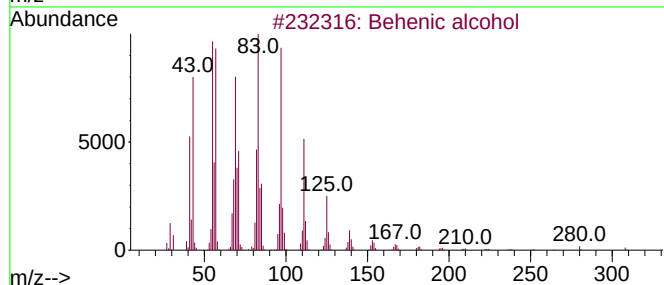
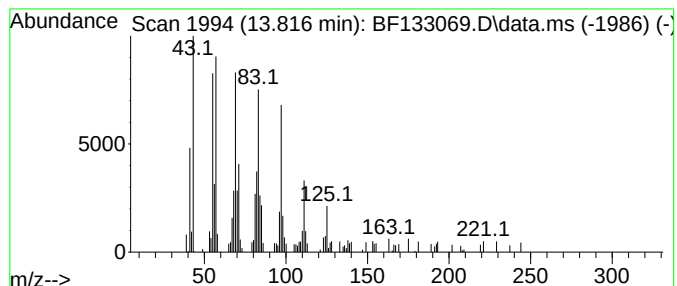
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Peak Number 3 Behenic alcohol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.816	3.24 ng	208811	Chrysene-d12	13.880

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Behenic alcohol	326	C22H46O	000661-19-8	93
2			1-Heneicosanol	312	C21H44O	015594-90-8	90
3			Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	90
4			Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	90
5			n-Tetracosanol-1	354	C24H50O	000506-51-4	86



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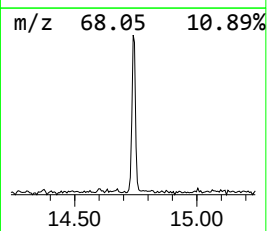
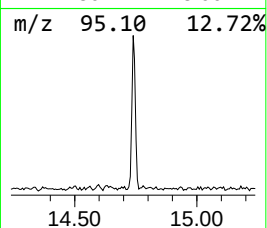
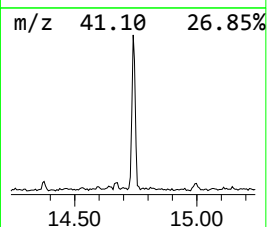
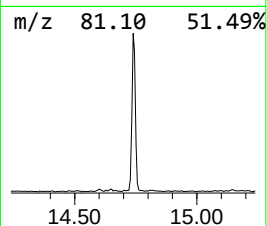
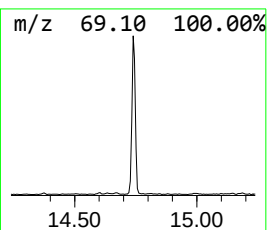
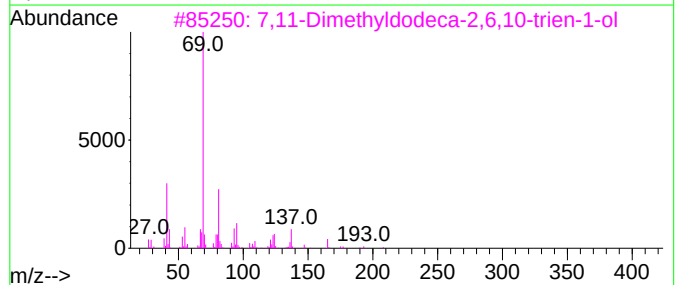
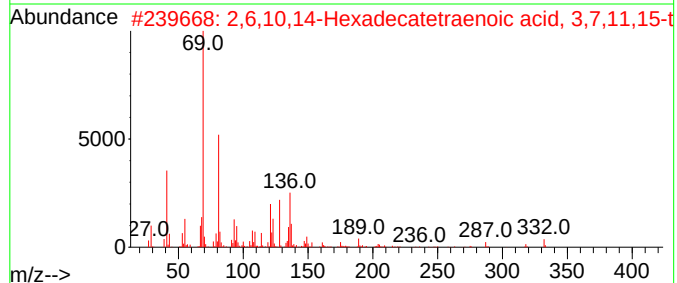
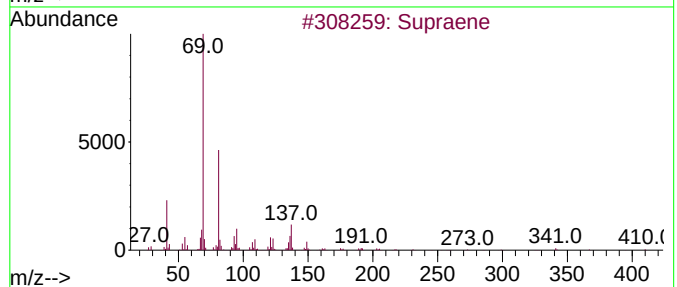
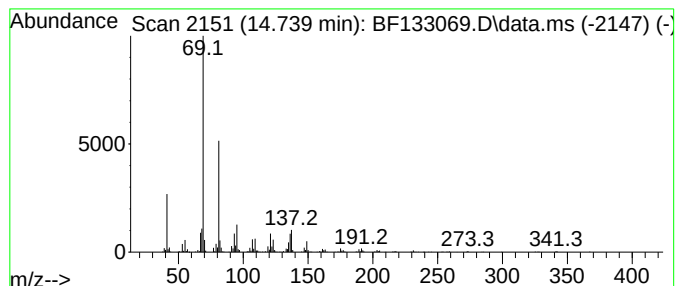
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Peak Number 4 Supraene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.739	10.15 ng	513388	Perylene-d12	15.304

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Supraene	410	C30H50	007683-64-9	91
2			2,6,10,14-Hexadecatetraenoic aci...	332	C22H36O2	024035-35-6	72
3			7,11-Dimethyldodeca-2,6,10-trien...	208	C14H24O	125529-10-4	72
4			1,5-Heptadiene, 3,3,6-trimethyl-	138	C10H18	035387-63-4	52
5			Methanone, dicyclopropyl-	110	C7H10O	001121-37-5	50



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Benzophenone	10.480	3.9	ng	308669	3	9.769	1605150	20.0
n-Hexadecanoic ...	11.786	6.4	ng	540145	4	11.251	1679810	20.0
Behenic alcohol	13.816	3.2	ng	208811	5	13.880	1289290	20.0
Supraene	14.739	10.2	ng	513388	6	15.304	1011800	20.0