

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101323\
 Data File : BF135762.D
 Acq On : 13 Oct 2023 20:11
 Operator : CG\JU
 Sample : 04837-09
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-COMP

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-BF101323.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF135762.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.969	487	490	500	rBV	119961	175258	7.24%	0.949%
2	5.375	555	559	588	rBV	2099386	2421310	100.00%	13.109%
3	6.387	728	731	759	rBV	2283364	2388471	98.64%	12.931%
4	6.734	787	790	801	rVB	826729	718184	29.66%	3.888%
5	7.304	883	887	907	rBV	1694798	1504827	62.15%	8.147%
6	8.016	1004	1008	1025	rBV	1052502	904587	37.36%	4.897%
7	9.092	1187	1191	1202	rBV	2737206	2259506	93.32%	12.233%
8	9.210	1208	1211	1222	rVB	44439	53240	2.20%	0.288%
9	9.775	1303	1307	1316	rBV	1019005	929826	38.40%	5.034%
10	10.569	1438	1442	1458	rBV	1482165	1364828	56.37%	7.389%
11	11.269	1557	1561	1564	rBV	1008825	836988	34.57%	4.531%
12	11.292	1564	1565	1571	rVB	51356	44071	1.82%	0.239%
13	11.804	1649	1652	1664	rBV	324359	353492	14.60%	1.914%
14	12.492	1766	1769	1773	rBV	146192	148715	6.14%	0.805%
15	12.592	1784	1786	1794	rBV	53327	81661	3.37%	0.442%
16	12.727	1803	1809	1813	rBV	110964	132966	5.49%	0.720%
17	12.863	1828	1832	1836	rBV	1839103	1651920	68.22%	8.943%
18	13.769	1983	1986	1989	rBV2	32964	31484	1.30%	0.170%
19	13.851	1994	2000	2008	rVV7	38847	124644	5.15%	0.675%
20	13.933	2010	2014	2017	rVV	733843	702350	29.01%	3.803%
21	13.963	2017	2019	2023	rVB	64728	63279	2.61%	0.343%
22	14.092	2038	2041	2048	rBV2	31498	39965	1.65%	0.216%
23	14.398	2090	2093	2096	rBV	47685	46561	1.92%	0.252%
24	14.557	2117	2120	2124	rVB	57898	53973	2.23%	0.292%
25	14.698	2142	2144	2149	rVB2	46605	46675	1.93%	0.253%
26	14.774	2153	2157	2163	rVB	263477	276220	11.41%	1.495%
27	14.986	2189	2193	2196	rBV	75163	105015	4.34%	0.569%
28	15.033	2199	2201	2207	rVB	60336	69448	2.87%	0.376%
29	15.286	2242	2244	2248	rVB	39372	41500	1.71%	0.225%
30	15.351	2252	2255	2259	rBV	48299	55138	2.28%	0.299%
31	15.410	2260	2265	2277	rVB	557892	726193	29.99%	3.932%
32	15.845	2336	2339	2346	rVB2	42459	66973	2.77%	0.363%
33	16.351	2421	2425	2433	rVB5	26025	51454	2.13%	0.279%

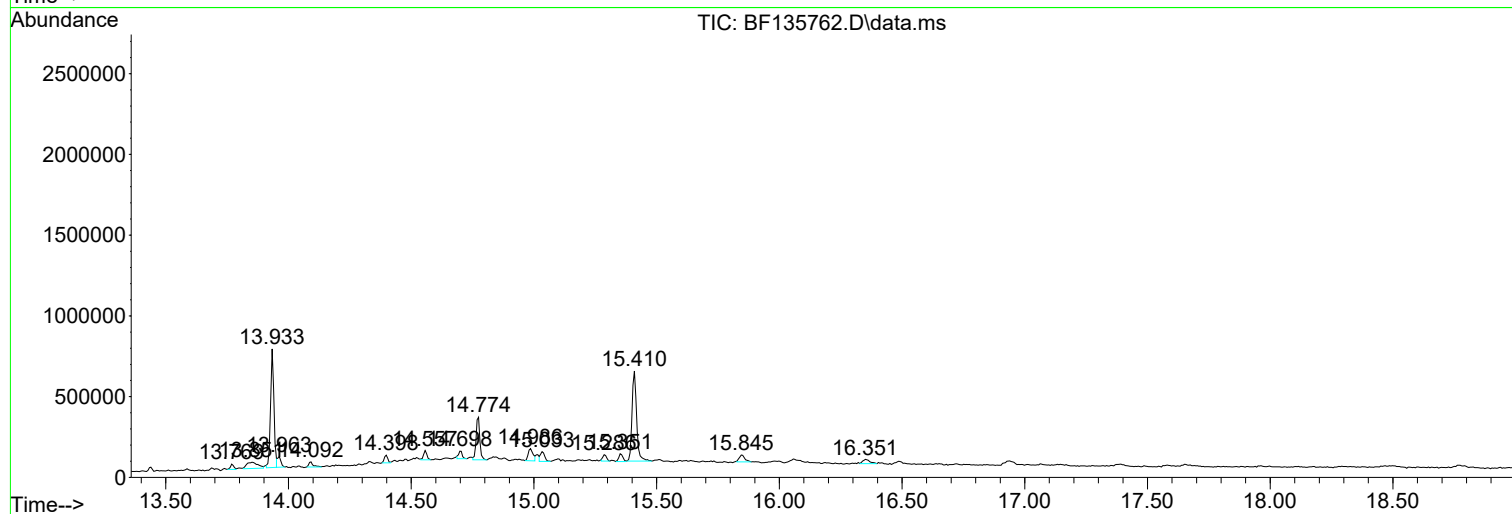
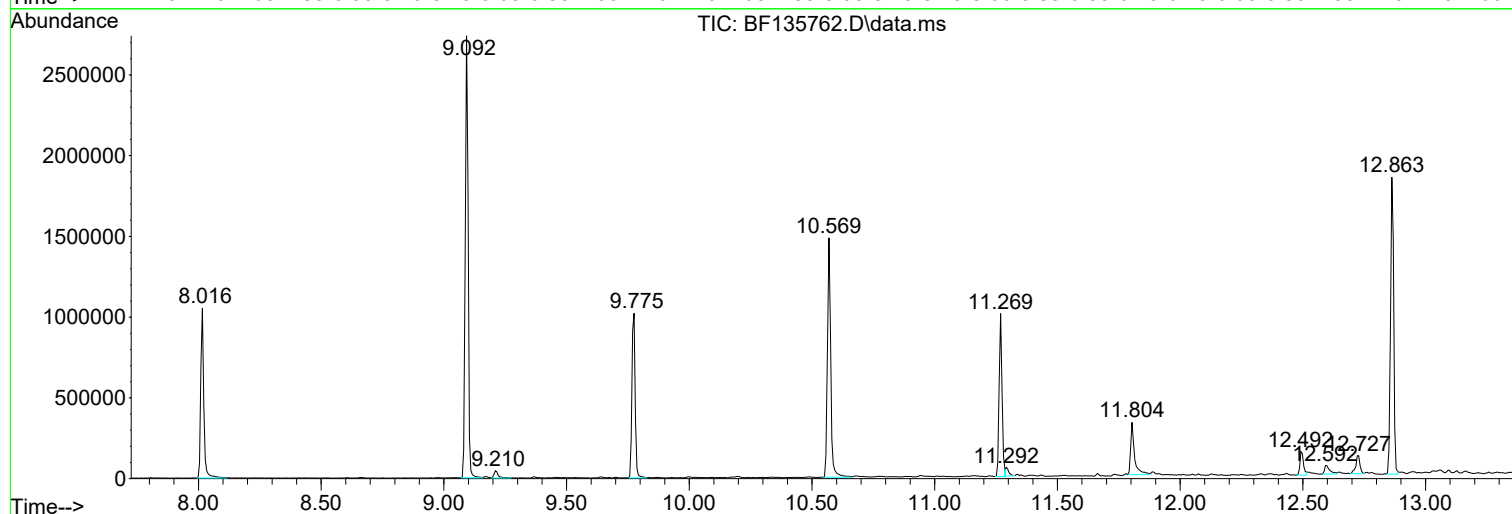
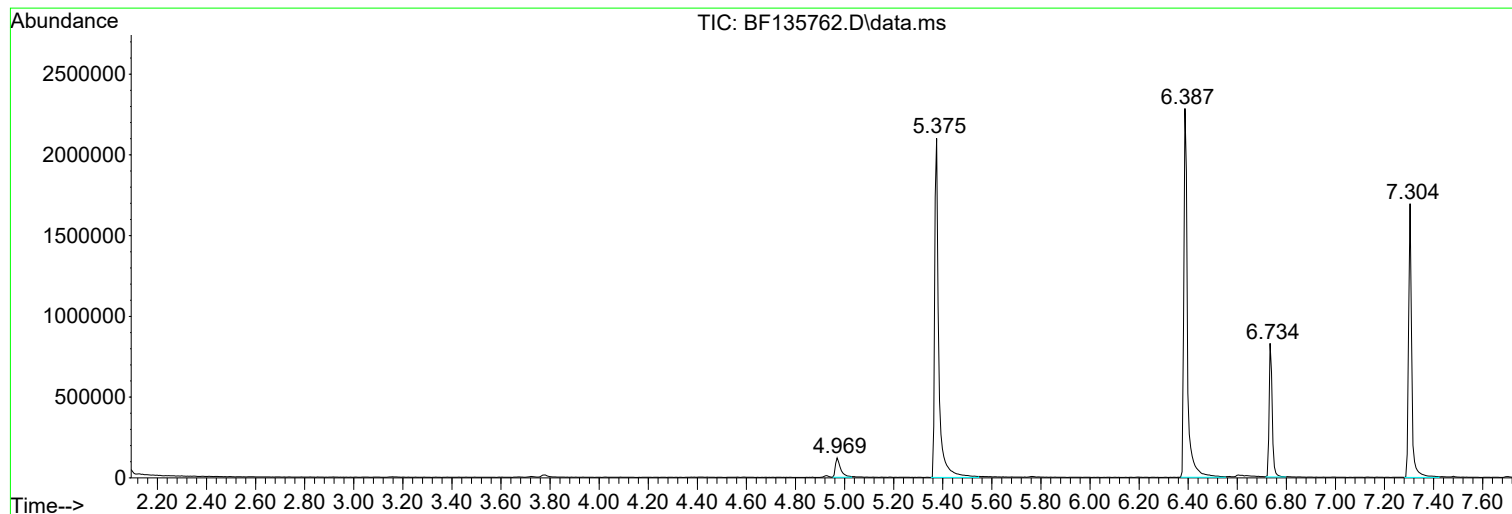
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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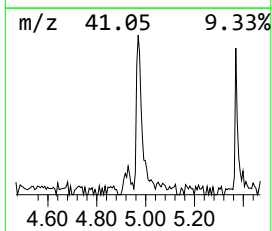
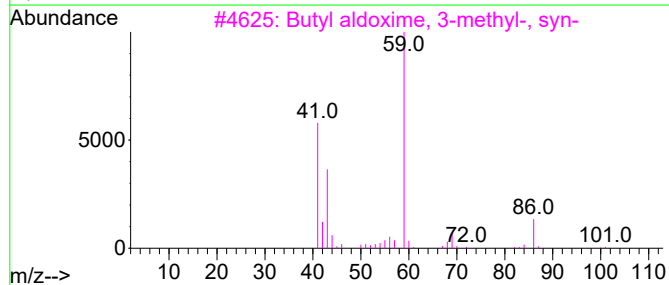
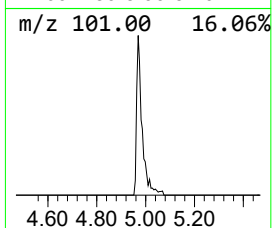
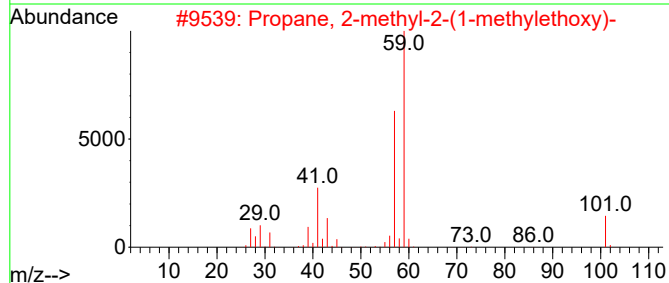
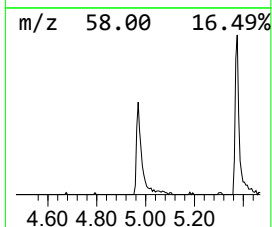
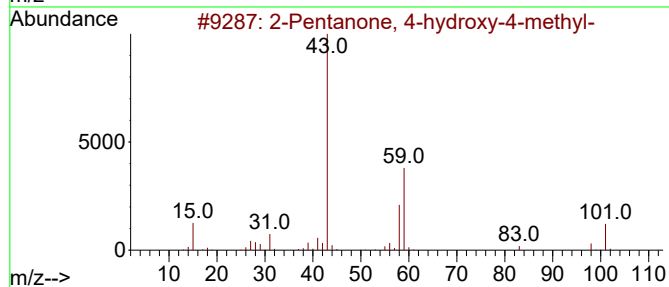
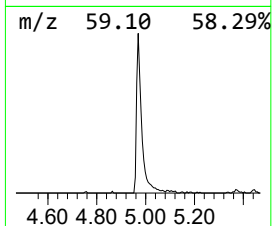
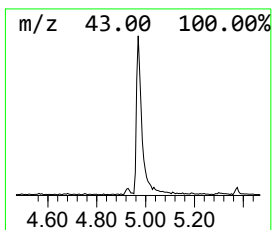
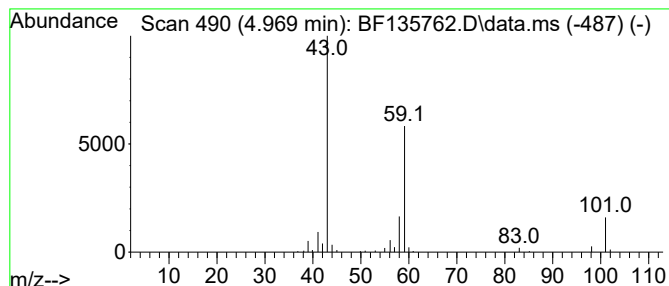
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.969	4.88 ng	175258	1,4-Dichlorobenzene-d4	6.734

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59		
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	42		
3	Butyl aldoxime, 3-methyl-, syn-	101	C5H11NO	005780-40-5	37		
4	3-Hexanol	102	C6H14O	000623-37-0	36		
5	3-Octanol	130	C8H18O	000589-98-0	36		



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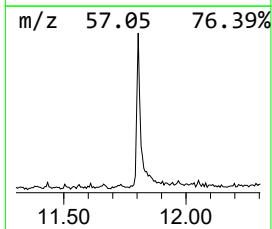
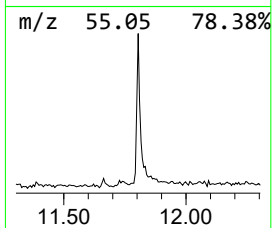
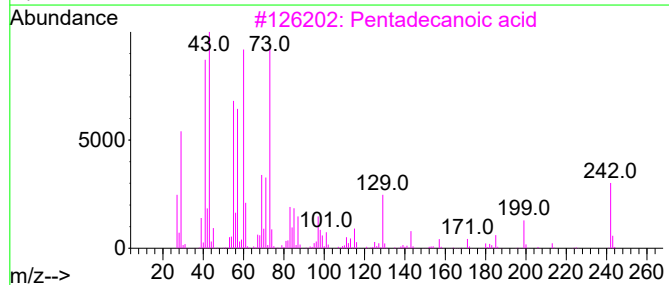
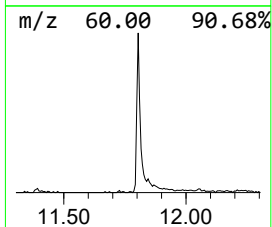
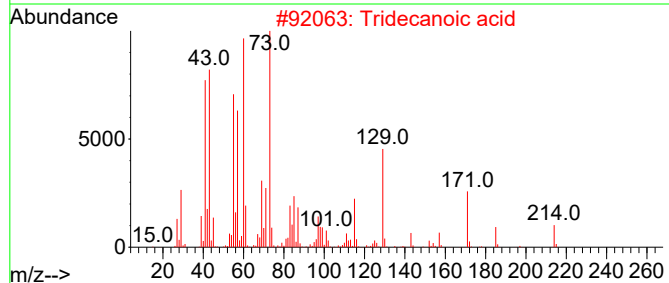
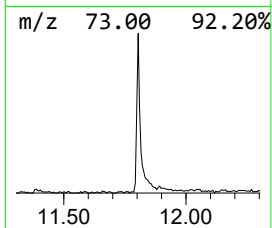
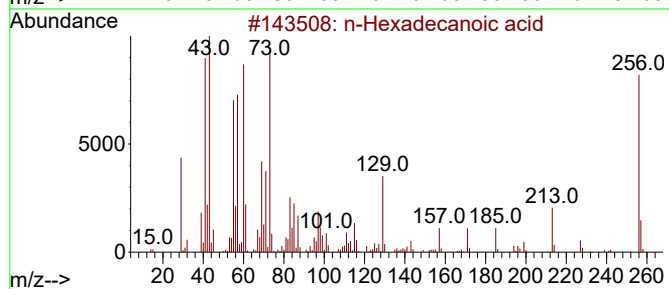
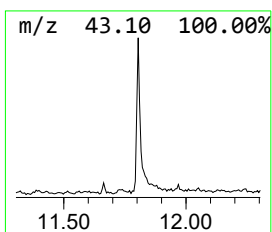
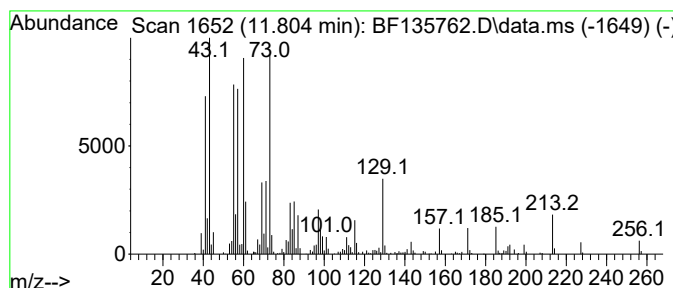
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.804	8.45 ng	353492	Phenanthrene-d10	11.269

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2			Tridecanoic acid	214	C13H26O2	000638-53-9	94
3			Pentadecanoic acid	242	C15H30O2	001002-84-2	87
4			Tetradecanoic acid	228	C14H28O2	000544-63-8	74
5			n-Decanoic acid	172	C10H20O2	000334-48-5	60



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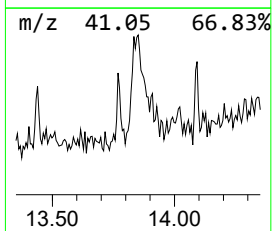
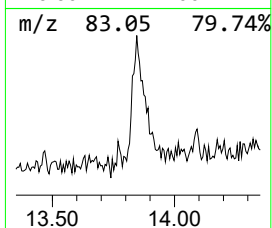
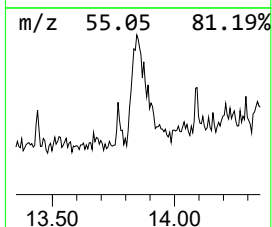
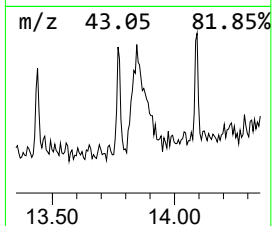
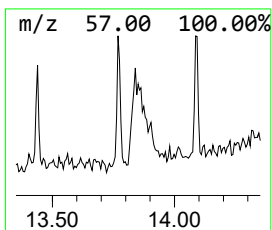
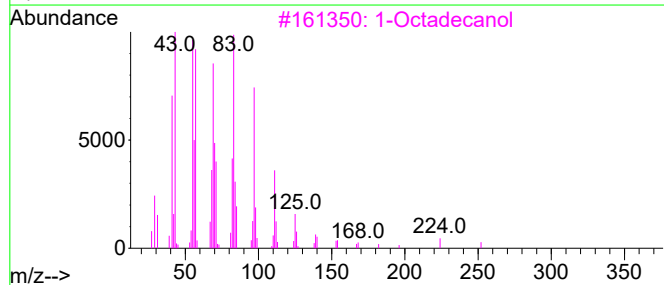
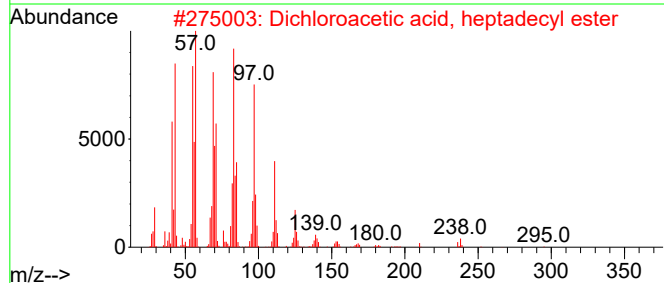
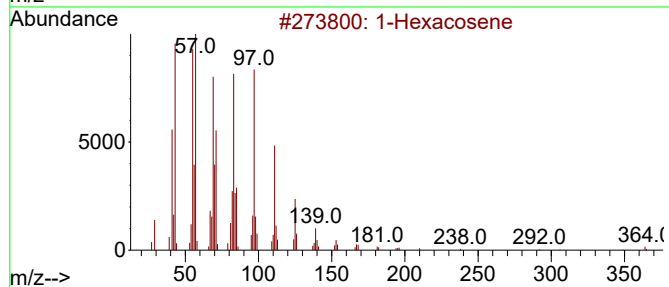
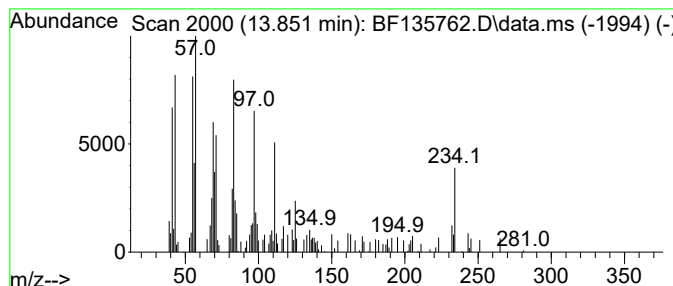
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Peak Number 3 1-Hexacosene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.851	3.55 ng	124644	Chrysene-d12	13.933

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexacosene			364	C26H52	018835-33-1	90
2	Dichloroacetic acid, heptadecyl ...			366	C19H36Cl2O2	1000282-98-2	68
3	1-Octadecanol			270	C18H38O	000112-92-5	64
4	n-Heptadecanol-1			256	C17H36O	001454-85-9	64
5	Bromoacetic acid, pentadecyl ester			348	C17H33BrO2	131143-01-6	60



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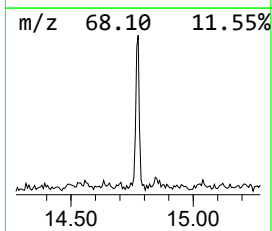
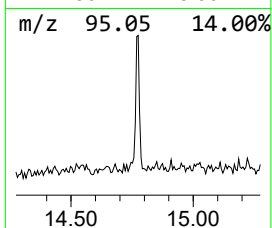
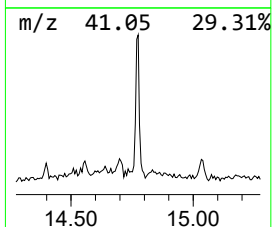
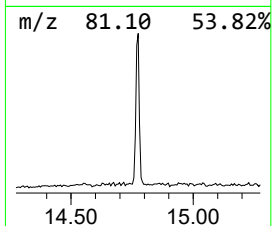
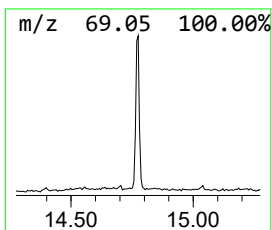
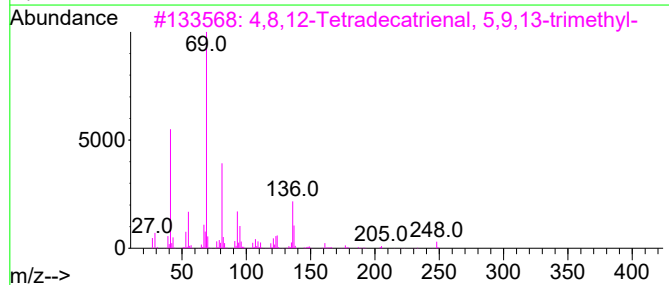
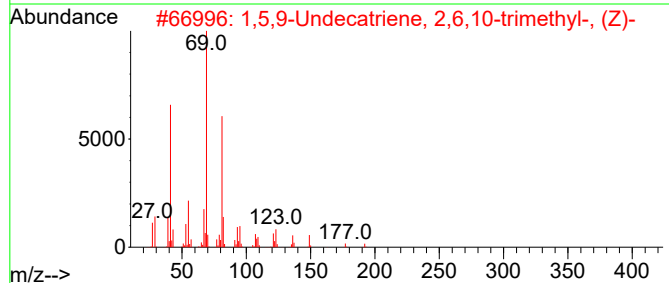
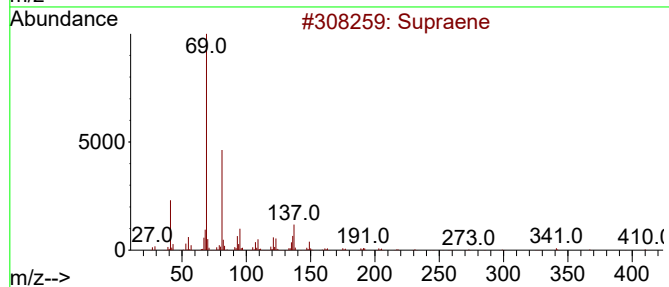
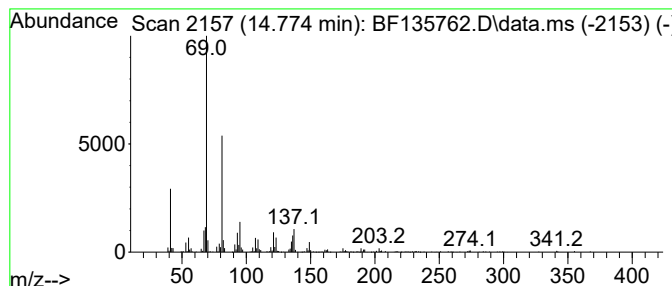
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Peak Number 4 Supraene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.774	7.61 ng	276220	Perylene-d12	15.410

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Supraene	410	C30H50	007683-64-9	91
2			1,5,9-Undecatriene, 2,6,10-trime...	192	C14H24	062951-96-6	86
3			4,8,12-Tetradecatrienal, 5,9,13-...	248	C17H28O	066408-55-7	80
4			7,11-Dimethyldodeca-2,6,10-trien...	208	C14H24O	125529-10-4	74
5			1,5,9-Decatriene, 2,3,5,8-tetram...	192	C14H24	230646-72-7	72



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-...	4.969	4.9	ng	175258	1	6.734	718184	20.0
n-Hexadecanoic ...	11.804	8.4	ng	353492	4	11.269	836988	20.0
1-Hexacosene	13.851	3.5	ng	124644	5	13.933	702350	20.0
Supraene	14.774	7.6	ng	276220	6	15.410	726193	20.0