

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121621\
 Data File : BF126224.D
 Acq On : 16 Dec 2021 21:55
 Operator : JU/CG
 Sample : M4927-10
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PH1-BOT-11

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-BF121521.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF126224.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.869	299	303	310	rVB	71776	92549	2.09%	0.299%
2	5.028	490	500	507	rVB	61367	88120	1.99%	0.285%
3	5.422	562	567	570	rBV	4091052	4245389	95.78%	13.718%
4	6.440	734	740	744	rBV	3841088	4432523	100.00%	14.323%
5	6.816	800	804	807	rBV	1540123	1218443	27.49%	3.937%
6	7.375	894	899	902	rBV	3113180	2801092	63.19%	9.051%
7	7.587	932	935	939	rBV	58096	46253	1.04%	0.149%
8	7.998	1002	1005	1012	rBV	381007	305082	6.88%	0.986%
9	8.098	1018	1022	1025	rBV	2030427	1648698	37.20%	5.327%
10	9.175	1200	1205	1208	rBV	4647325	4204637	94.86%	13.586%
11	9.263	1216	1220	1223	rBV2	94170	87952	1.98%	0.284%
12	9.663	1282	1288	1293	rBV	112907	118562	2.67%	0.383%
13	9.851	1316	1320	1323	rBV	2014483	1609671	36.32%	5.201%
14	10.263	1387	1390	1393	rBV2	83797	77101	1.74%	0.249%
15	10.633	1449	1453	1457	rBV	2260252	2057495	46.42%	6.648%
16	11.210	1543	1551	1554	rBV3	48160	60156	1.36%	0.194%
17	11.304	1563	1567	1569	rBV	94655	86420	1.95%	0.279%
18	11.333	1569	1572	1575	rVV	1601058	1302208	29.38%	4.208%
19	11.404	1578	1584	1586	rVB5	62292	75048	1.69%	0.243%
20	11.733	1637	1640	1643	rVB	62875	56025	1.26%	0.181%
21	11.863	1659	1662	1666	rBV	154788	136116	3.07%	0.440%
22	12.922	1838	1842	1845	rBV	3418798	3058697	69.01%	9.884%
23	13.822	1992	1995	2005	rBV	341031	405190	9.14%	1.309%
24	13.969	2016	2020	2023	rBV	1279190	1167503	26.34%	3.773%
25	14.457	2100	2103	2112	rBV2	65480	108495	2.45%	0.351%
26	14.833	2163	2167	2171	rBV	147999	143048	3.23%	0.462%
27	15.092	2208	2211	2214	rBV	55397	57435	1.30%	0.186%
28	15.410	2260	2265	2270	rBV2	782354	959489	21.65%	3.100%
29	15.468	2272	2275	2279	rVB	39563	48457	1.09%	0.157%
30	15.898	2344	2348	2352	rBV2	49063	69732	1.57%	0.225%
31	15.945	2353	2356	2364	rVB7	33044	63167	1.43%	0.204%
32	16.292	2411	2415	2422	rVB9	37801	65792	1.48%	0.213%
33	16.392	2429	2432	2438	rVB2	29785	50812	1.15%	0.164%

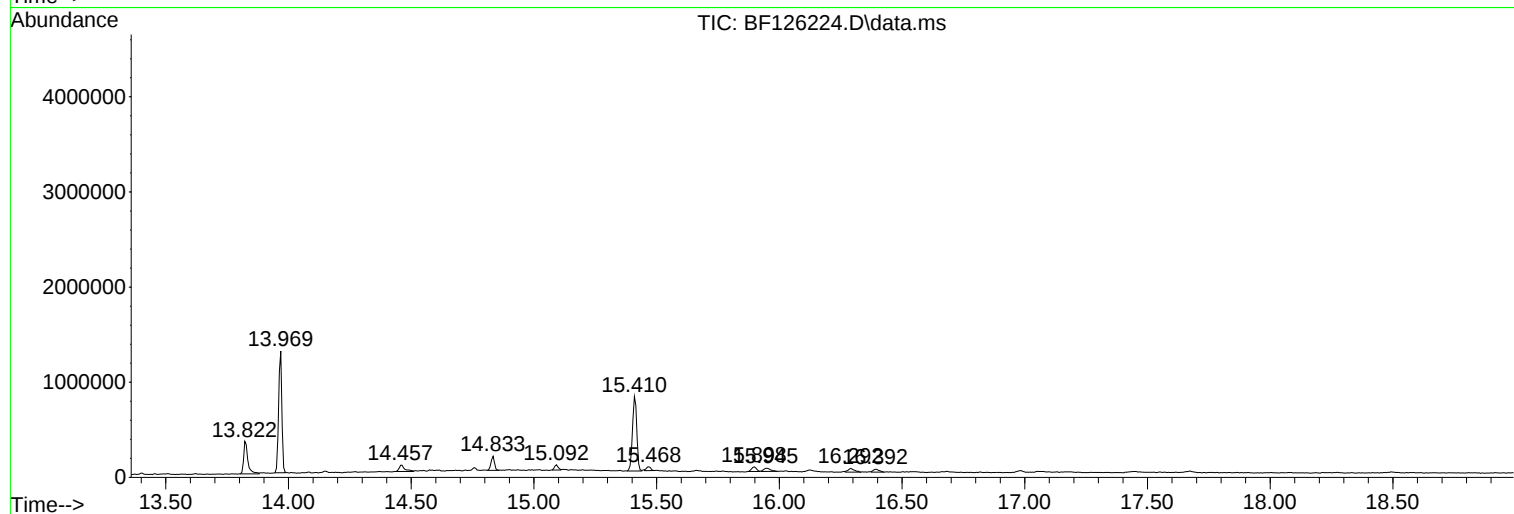
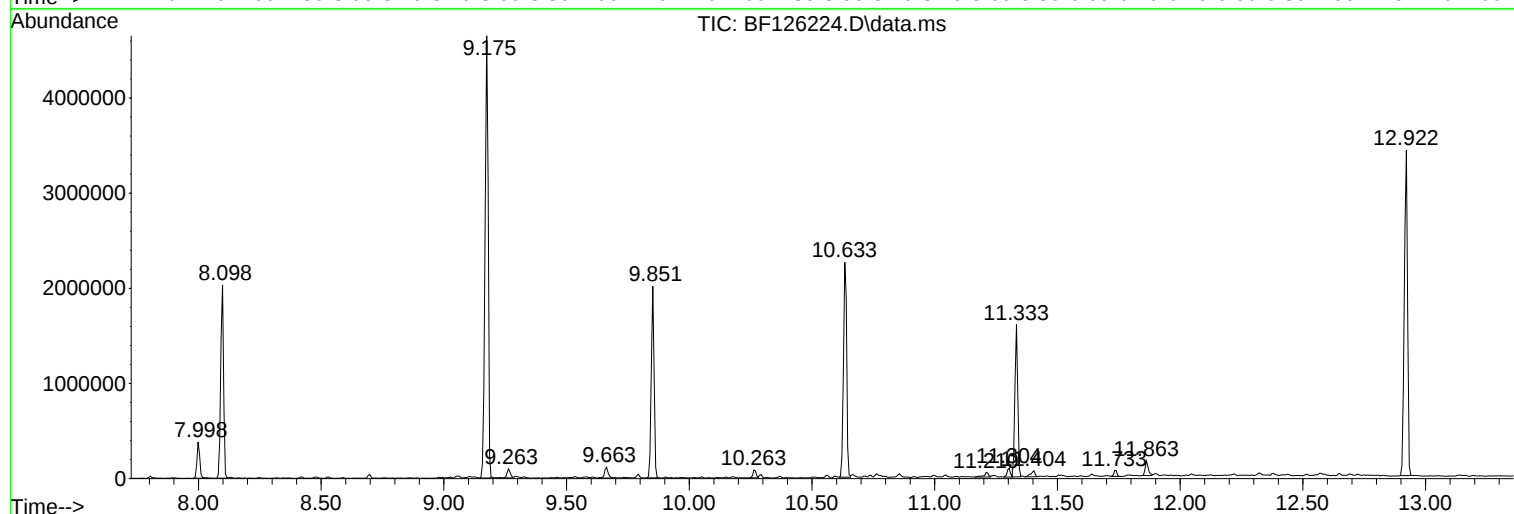
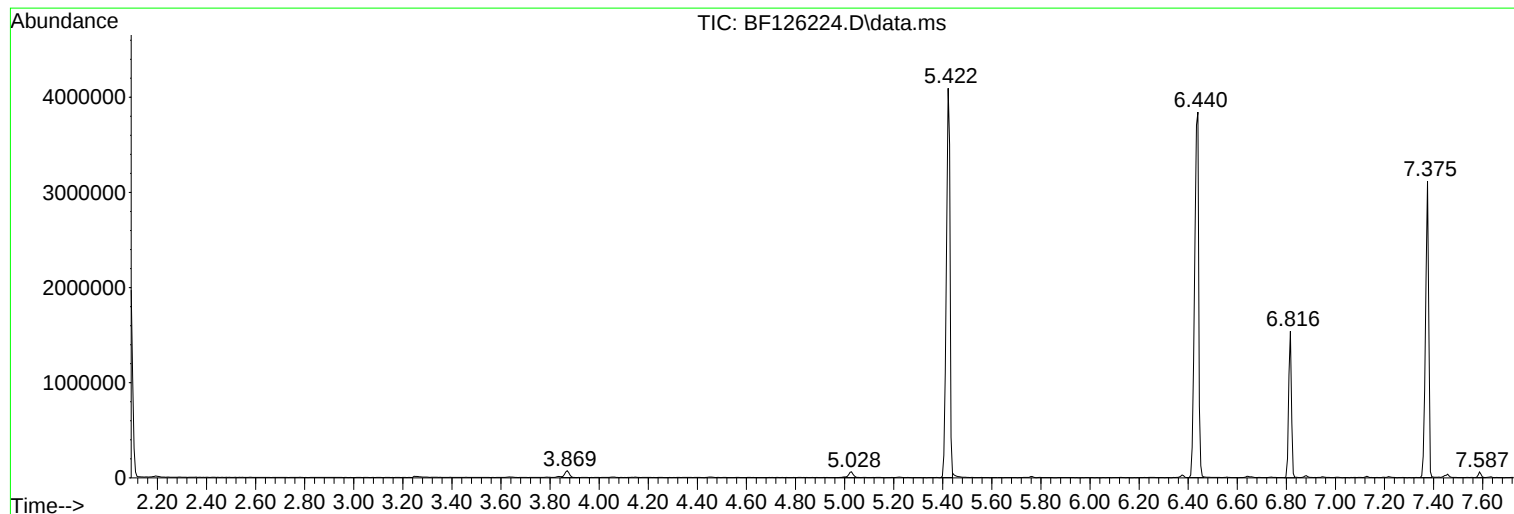
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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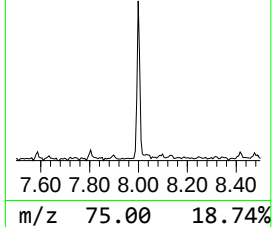
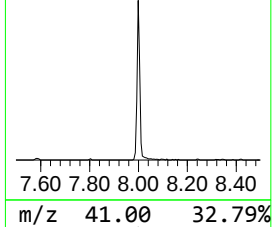
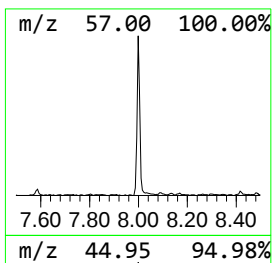
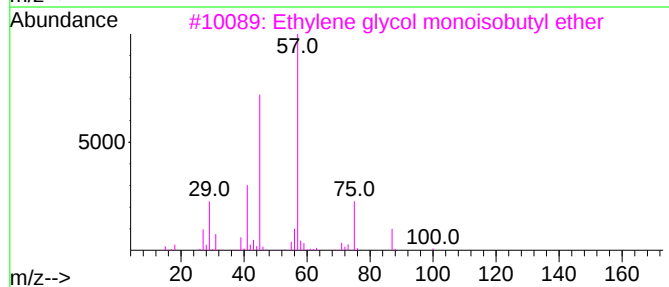
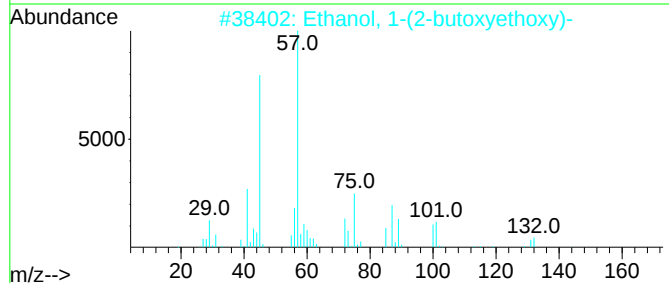
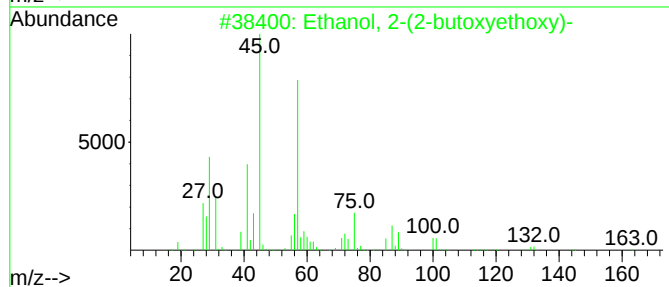
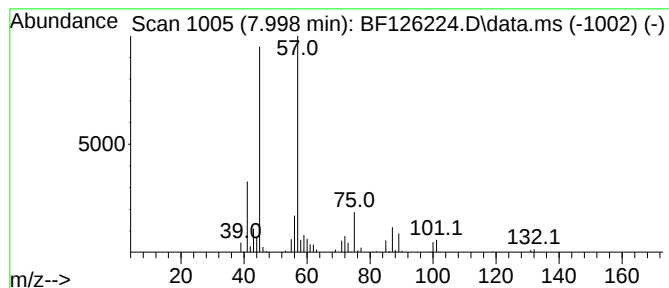
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Peak Number 1 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.998	3.70 ng	305082	Naphthalene-d8	8.098

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	90
2			Ethanol, 1-(2-butoxyethoxy)-	162	C8H18O3	054446-78-5	83
3			Ethylene glycol monoisobutyl ether	118	C6H14O2	004439-24-1	64
4			Di-sec-Butyl ether	130	C8H18O	006863-58-7	53
5			Methoxyacetic acid, butyl ester	146	C7H14O3	017640-22-1	53



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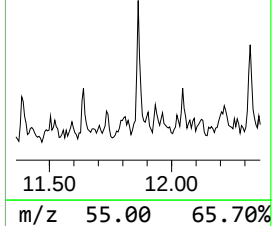
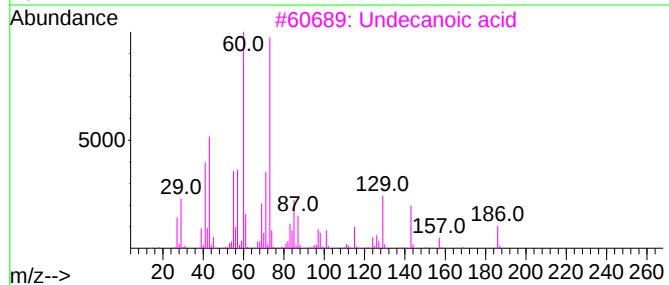
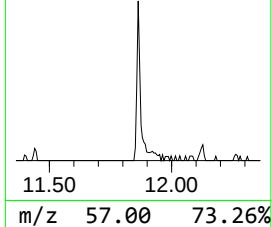
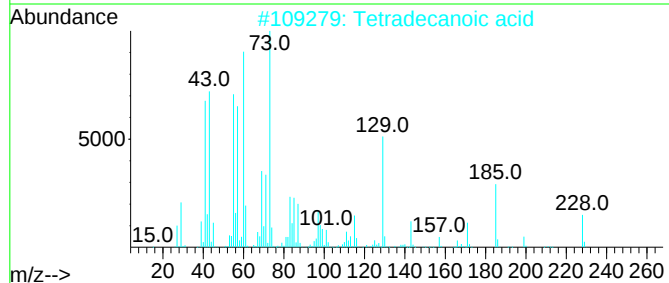
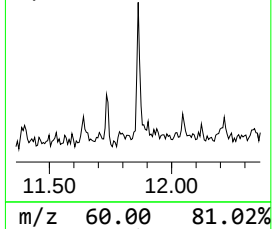
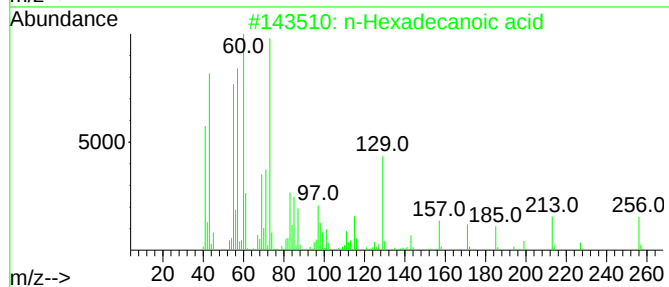
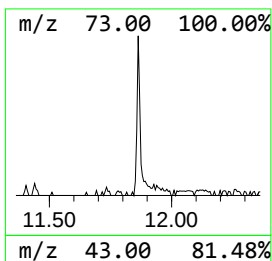
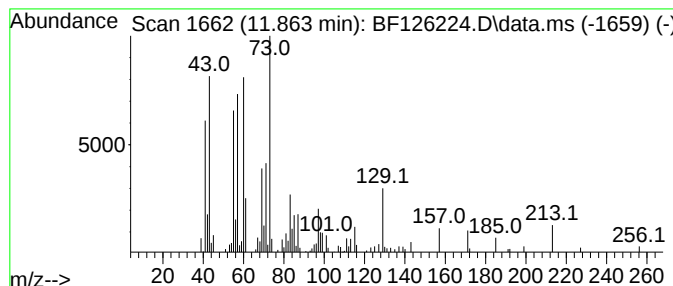
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Peak Number 2 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.863	2.09 ng	136116	Phenanthrene-d10	11.333

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2			Tetradecanoic acid	228	C14H28O2	000544-63-8	72
3			Undecanoic acid	186	C11H22O2	000112-37-8	59
4			Pentadecanoic acid	242	C15H30O2	001002-84-2	59
5			Tridecanoic acid	214	C13H26O2	000638-53-9	53



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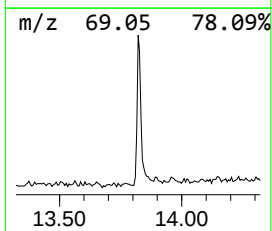
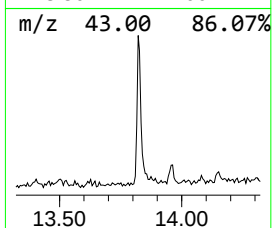
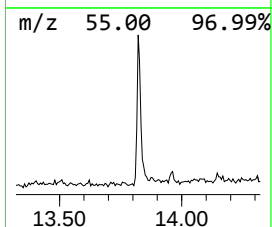
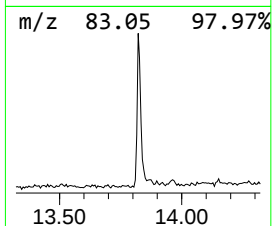
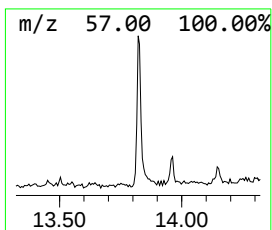
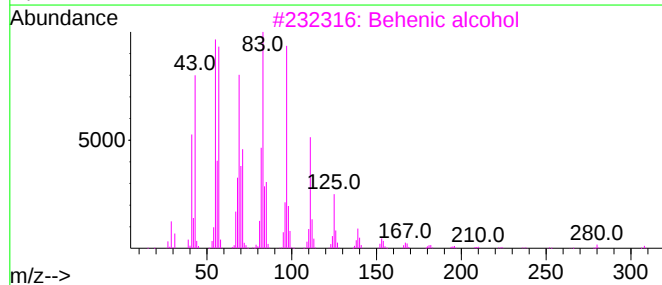
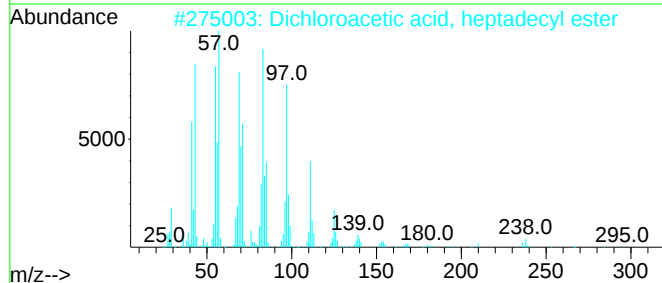
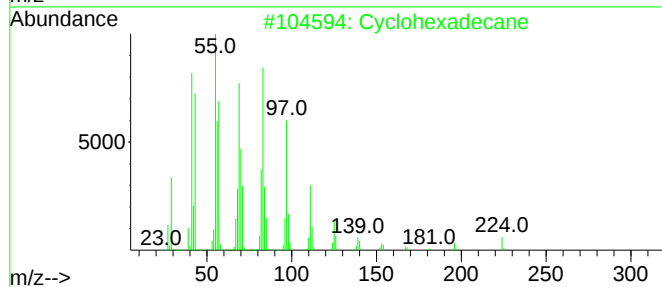
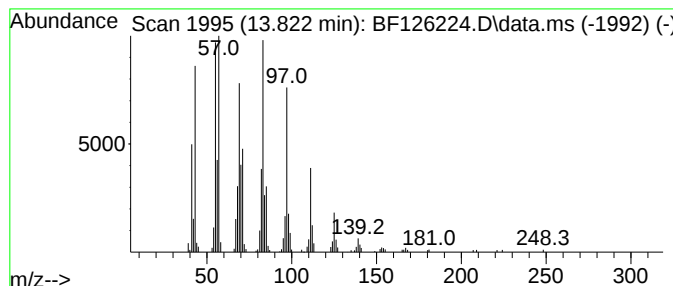
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Peak Number 3 Cyclohexadecane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.822	6.94 ng	405190	Chrysene-d12	13.969

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexadecane	224	C16H32	000295-65-8	98
2			Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	95
3			Behenic alcohol	326	C22H46O	000661-19-8	94
4			n-Tetracosanol-1	354	C24H50O	000506-51-4	94
5			1-Heptacosanol	396	C27H56O	002004-39-9	94



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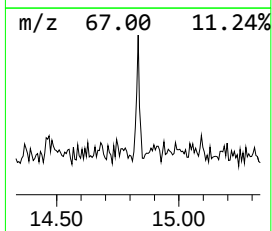
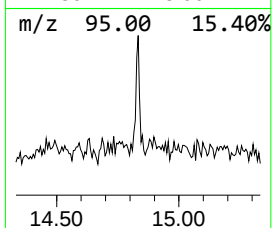
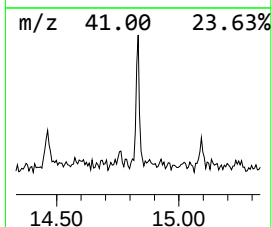
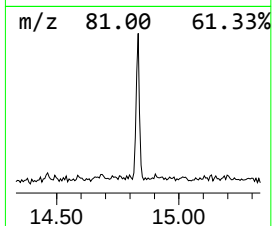
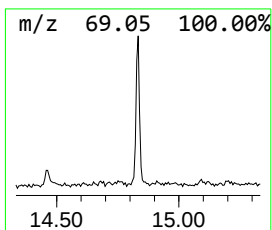
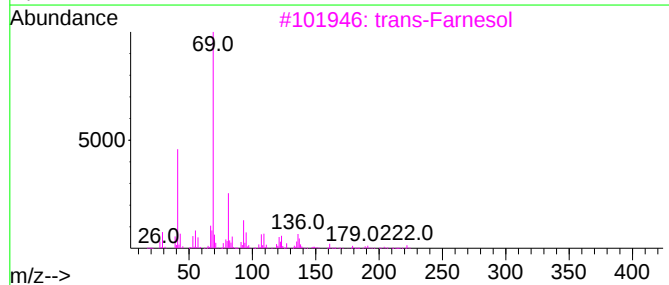
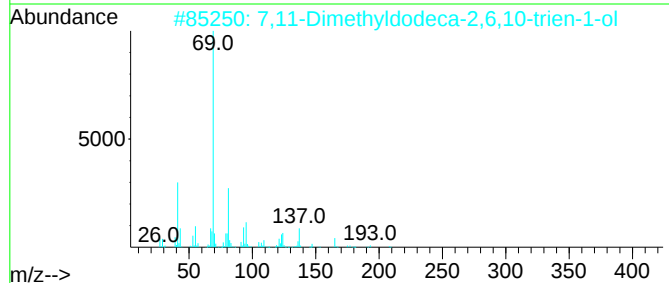
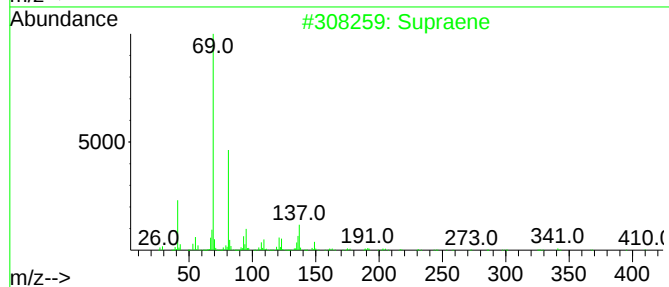
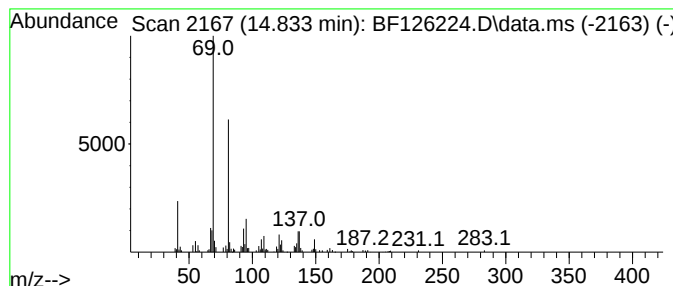
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Peak Number 4 Supraene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.833	2.98 ng	143048	Perylene-d12	15.410

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Supraene	410	C30H50	007683-64-9	91
2			7,11-Dimethyldodeca-2,6,10-trien...	208	C14H240	125529-10-4	80
3			trans-Farnesol	222	C15H260	000106-28-5	72
4			1,5,9-Decatriene, 2,3,5,8-tetram...	192	C14H24	230646-72-7	64
5			6,11-Dimethyl-2,6,10-dodecatrien...	208	C14H240	1000196-53-3	64



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Ethanol, 2-(2-b...	7.998	3.7	ng	305082	2	8.098	1648700	20.0
n-Hexadecanoic ...	11.863	2.1	ng	136116	4	11.333	1302210	20.0
Cyclohexadecane	13.822	6.9	ng	405190	5	13.969	1167500	20.0
Supraene	14.833	3.0	ng	143048	6	15.410	959489	20.0