

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM030117\
 Data File : BM009055.D
 Acq On : 01 Mar 2017 17:43
 Operator : SJ/MA
 Sample : I1988-10
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DABS5

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 1 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM022317.M
 Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.358	42	46	51	rBV2	41709	55926	1.46%	0.123%
2	3.628	89	92	101	rBV	89228	139113	3.64%	0.306%
3	7.046	668	673	685	rVB	732327	1229296	32.19%	2.706%
4	7.228	698	704	714	rVB	564079	874822	22.91%	1.926%
5	7.422	731	737	749	rBV	733748	1161757	30.43%	2.558%
6	7.898	811	818	824	rBV	694518	1124492	29.45%	2.476%
7	8.592	928	936	947	rBV2	837724	1379492	36.13%	3.037%
8	9.063	1009	1016	1025	rBV	686754	1168647	30.61%	2.573%
9	9.140	1025	1029	1037	rVB6	23664	44297	1.16%	0.098%
10	9.781	1131	1138	1146	rBV	551899	920655	24.11%	2.027%
11	10.310	1220	1228	1237	rBV	866105	1401092	36.69%	3.085%
12	10.698	1284	1294	1302	rBV	868491	1469502	38.48%	3.235%
13	10.834	1309	1317	1328	rBV	787787	1344604	35.21%	2.960%
14	13.939	1834	1845	1849	rBV	1458301	1926644	50.46%	4.242%
15	13.986	1849	1853	1859	rVB	1149381	1523377	39.90%	3.354%
16	14.227	1888	1894	1904	rBV	1416495	2123360	55.61%	4.675%
17	14.539	1940	1947	1955	rVB3	1165636	1821772	47.71%	4.011%
18	14.721	1972	1978	1986	rBV	671443	996654	26.10%	2.194%
19	15.363	2082	2087	2091	rVB4	56269	78504	2.06%	0.173%
20	15.527	2107	2115	2121	rBV	2012505	2789228	73.05%	6.141%
21	15.639	2129	2134	2144	rBV	569171	809717	21.21%	1.783%
22	15.768	2151	2156	2161	rVB4	41137	62608	1.64%	0.138%
23	16.221	2228	2233	2244	rBV	79567	138038	3.62%	0.304%
24	16.657	2304	2307	2314	rVB8	26574	41114	1.08%	0.091%
25	17.015	2364	2368	2372	rBV2	70777	84398	2.21%	0.186%
26	17.280	2406	2413	2421	rBV2	1563692	2232929	58.48%	4.916%
27	17.380	2423	2430	2436	rVV	2230704	3139971	82.23%	6.913%
28	17.427	2436	2438	2444	rVB7	31712	42324	1.11%	0.093%
29	17.757	2489	2494	2498	rBV2	45001	61732	1.62%	0.136%
30	18.027	2535	2540	2545	rBV5	66171	111184	2.91%	0.245%
31	18.151	2556	2561	2572	rBV	328408	487136	12.76%	1.072%
32	18.580	2630	2634	2638	rVB7	34181	39432	1.03%	0.087%
33	19.304	2751	2757	2765	rBV6	65725	126489	3.31%	0.278%
34	19.427	2772	2778	2784	rBV3	136651	195541	5.12%	0.430%

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35	19.556	2798	2800	2808	rBV6	22530	40025	1.05%	0.088%
36	19.668	2813	2819	2829	rBV	2786772	3818416	100.00%	8.406%
37	21.139	3065	3069	3076	rBV3	299357	370348	9.70%	0.815%
38	21.450	3117	3122	3131	rBV	2225384	2829994	74.11%	6.230%
39	22.650	3321	3326	3333	rVB	549844	775311	20.30%	1.707%
40	23.650	3489	3496	3504	rVB2	1913642	3748856	98.18%	8.253%
41	23.803	3515	3522	3532	rVB	1313898	2693532	70.54%	5.930%

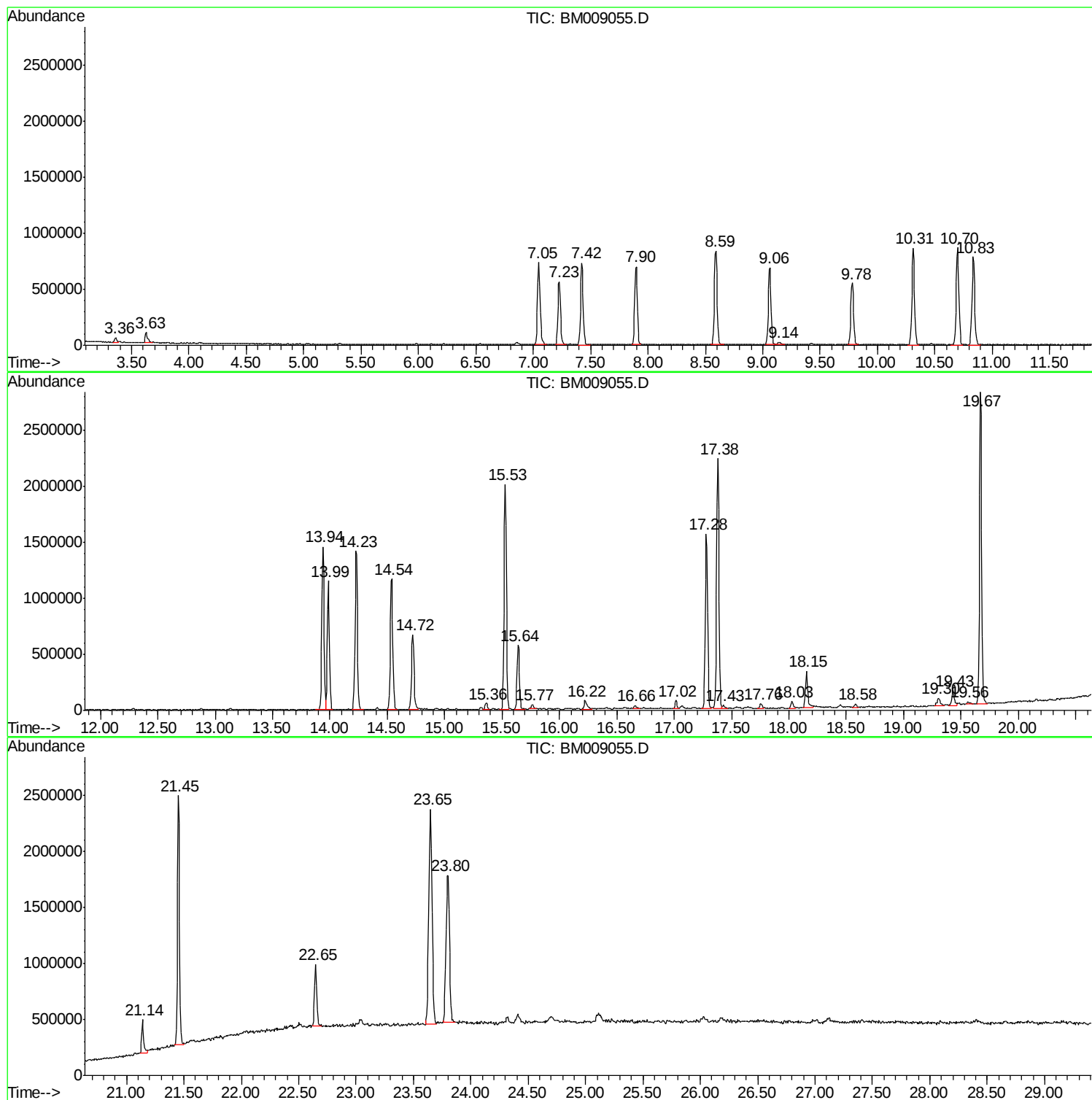
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM022317.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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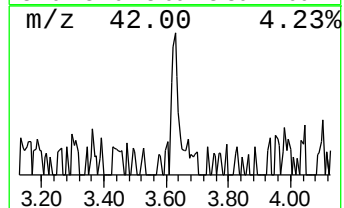
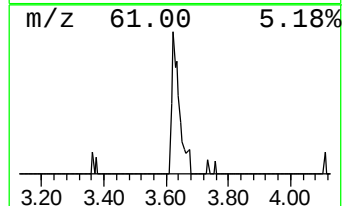
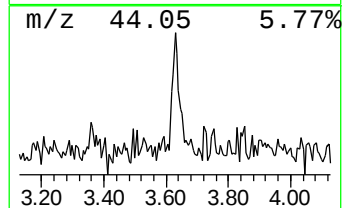
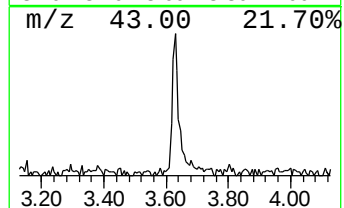
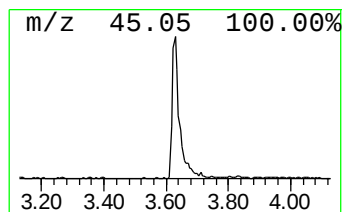
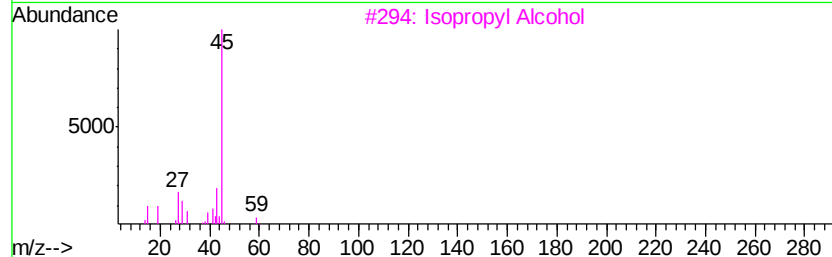
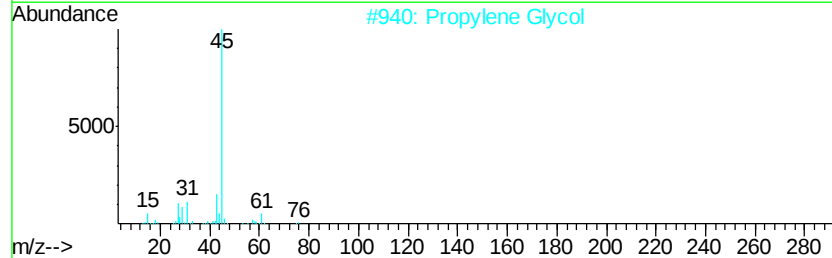
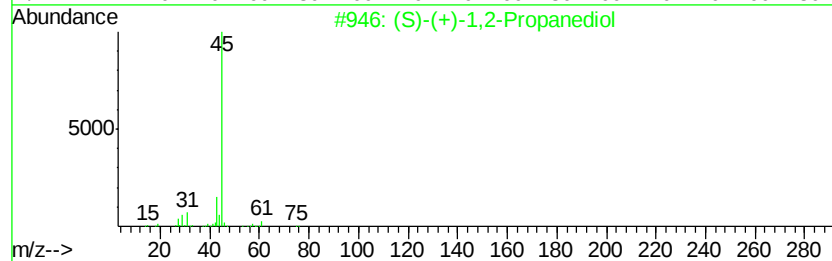
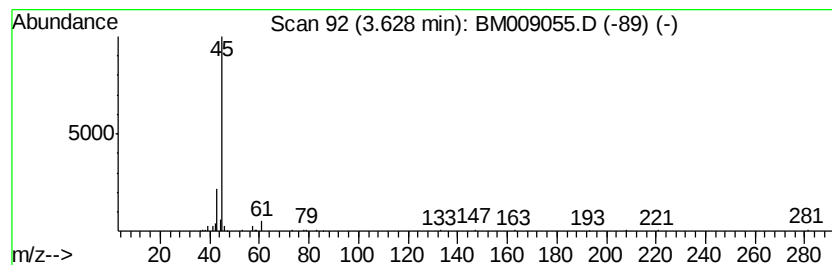
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 unknown-01 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.63	2.47 ng/ul	139113	1,4-Dichlorobenzene-d4	7.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	(S)-(+)-1,2-Propanediol	76	C3H8O2	004254-15-3	40
2		Propylene Glycol	76	C3H8O2	000057-55-6	9
3		Isopropyl Alcohol	60	C3H8O	000067-63-0	9
4		2-Propanol, 1-hydrazino-	90	C3H10N2O	018501-20-7	9
5		2-Pentanol, 4-methyl-	102	C6H14O	000108-11-2	9



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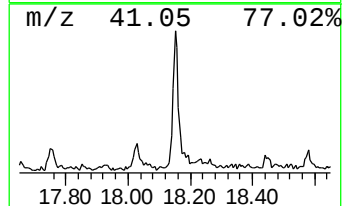
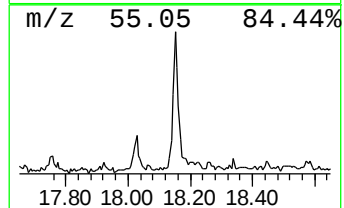
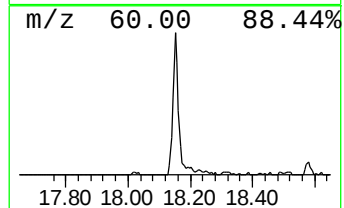
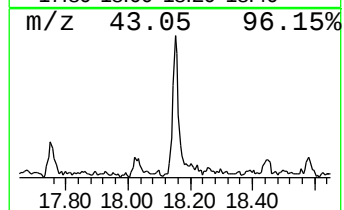
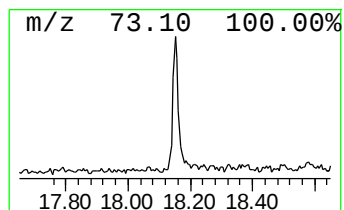
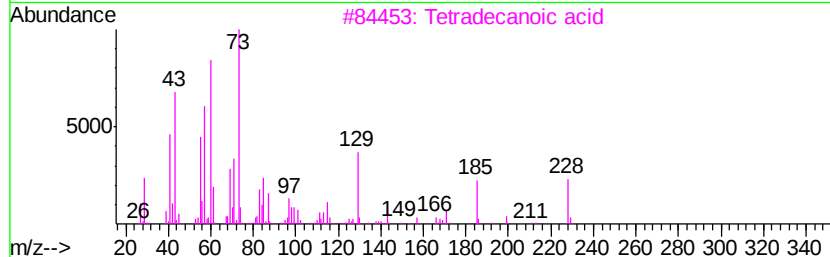
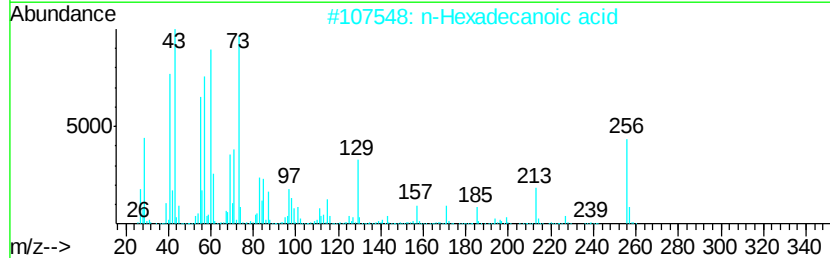
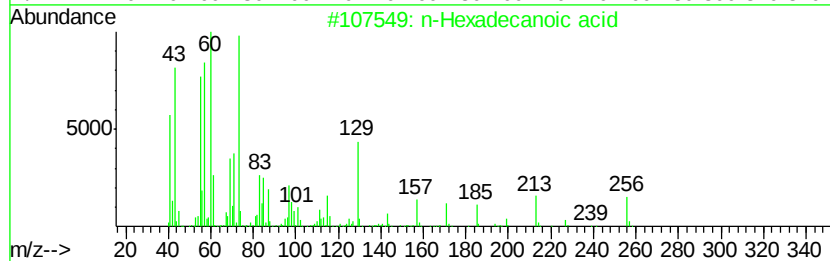
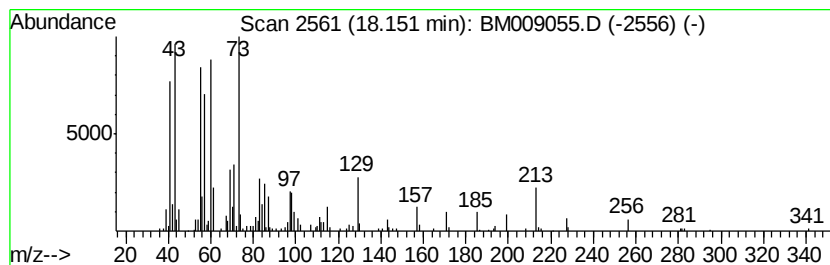
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Peak Number 2 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.		
18.15	4.36 ng/ul	487136	Phenanthrene-d10	17.28		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98	
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96	
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	92	
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	86	
5	Octadecanoic acid	284	C18H36O2	000057-11-4	81	



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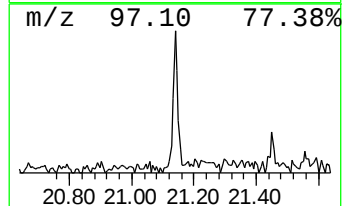
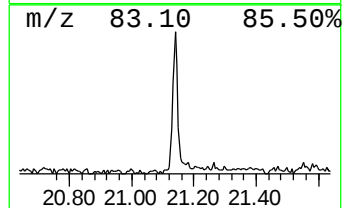
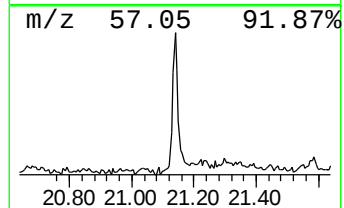
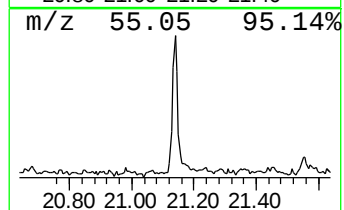
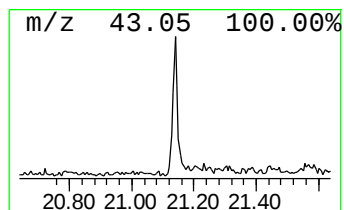
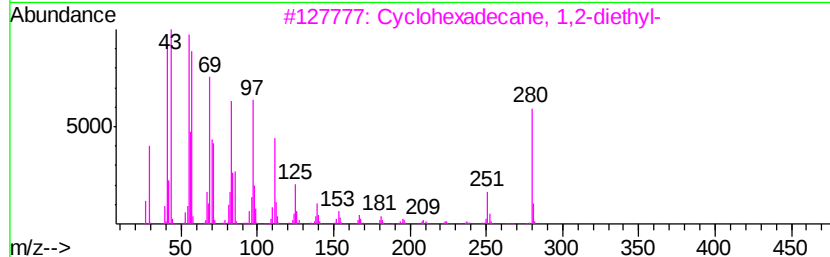
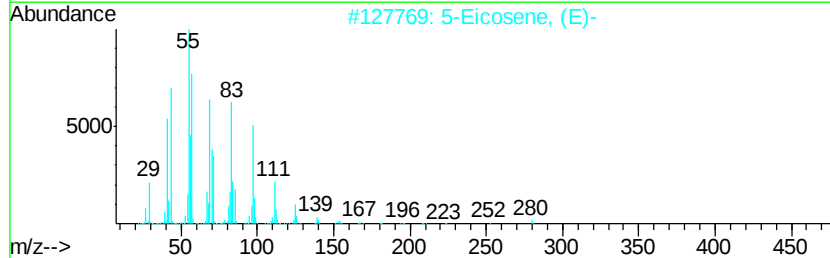
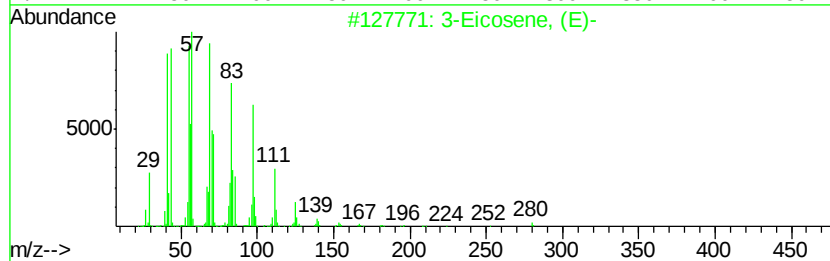
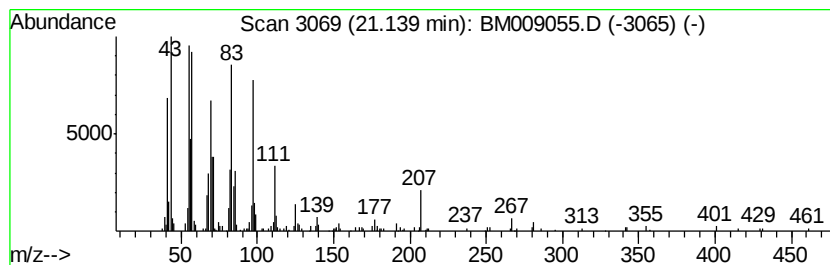
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Peak Number 3 (DEL) Alkane: Cyclic21.14 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.14	2.62 ng/ul	370348	Chrysene-d12	21.45

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Eicosene, (E)-	280	C20H40	074685-33-9	97
2		5-Eicosene, (E)-	280	C20H40	074685-30-6	96
3		Cyclohexadecane, 1,2-diethyl-	280	C20H40	1000155-85-3	93
4		1-Heneicosanol	312	C21H44O	015594-90-8	93
5		1-Docosene	308	C22H44	001599-67-3	90



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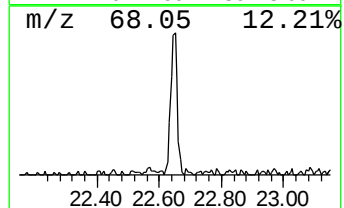
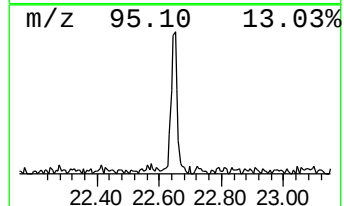
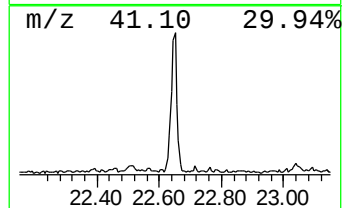
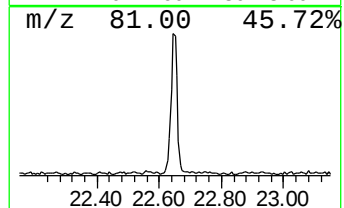
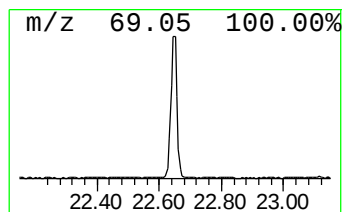
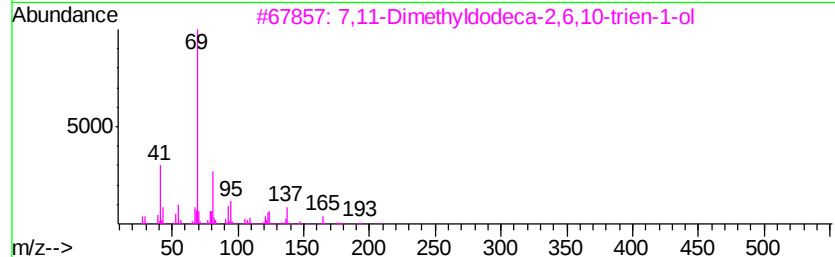
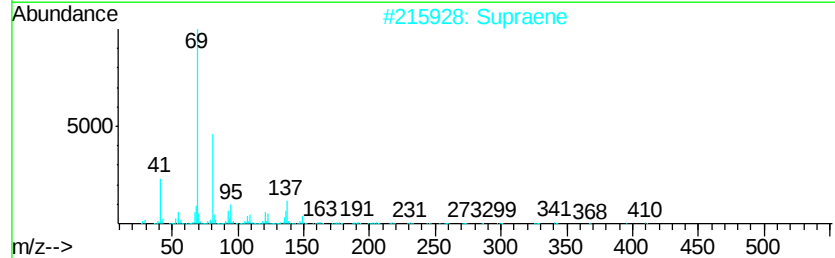
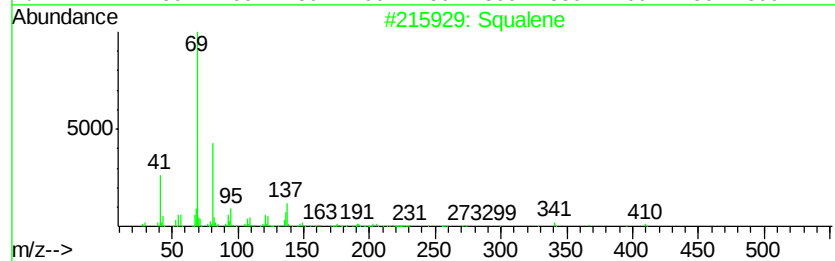
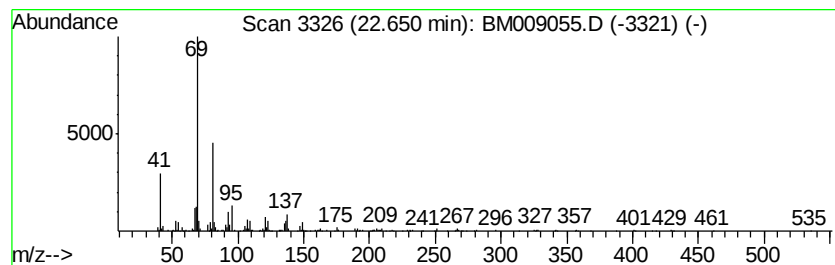
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Peak Number 4 Squalene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.65	5.76 ng/ul	775311	Perylene-d12	23.80
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Squalene	410 C30H50	000111-02-4	83
2	Supraene	410 C30H50	007683-64-9	83
3	7,11-Dimethyldodeca-2,6,10-trien...	208 C14H24O	125529-10-4	81
4	Squalene	410 C30H50	000111-02-4	72
5	2,6-Octadiene, 2,7-dimethyl-	138 C10H18	016736-42-8	59



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
unknown-01	3.63	2.5	ng/ul	139113	1	7.90	1124490	20.0
n-Hexadecanoic acid	18.15	4.4	ng/ul	487136	4	17.28	2232930	20.0
(DEL) Alkane: Cyc...	21.14	2.6	ng/ul	370348	5	21.45	2829990	20.0
Squalene	22.65	5.8	ng/ul	775311	6	23.80	2693530	20.0