

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM030117\
 Data File : BM009049.D
 Acq On : 01 Mar 2017 14:02
 Operator : SJ/MA
 Sample : I1988-05
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DABS0

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	3.363	43	47	52	rVB3	44859	56502	1.30%	0.116%
2	3.628	89	92	100	rBV	61056	99593	2.30%	0.204%
3	7.051	667	674	686	rVB	749055	1272675	29.39%	2.611%
4	7.228	696	704	712	rBV	575330	914130	21.11%	1.876%
5	7.422	729	737	747	rVB	714849	1180350	27.26%	2.422%
6	7.898	810	818	824	rBV	736951	1156651	26.71%	2.373%
7	8.592	929	936	946	rBV	827957	1341896	30.99%	2.753%
8	9.063	1009	1016	1024	rBV	711285	1196876	27.64%	2.456%
9	9.780	1131	1138	1146	rBV2	560306	946174	21.85%	1.941%
10	10.310	1222	1228	1240	rVB	874937	1410372	32.57%	2.894%
11	10.698	1287	1294	1301	rVB	917466	1522619	35.16%	3.124%
12	10.833	1310	1317	1333	rVB	759393	1308936	30.23%	2.686%
13	13.939	1837	1845	1849	rBV	1475133	2028146	46.83%	4.161%
14	13.986	1849	1853	1861	rVB	1041814	1402218	32.38%	2.877%
15	14.227	1888	1894	1901	rBV	1578789	2286115	52.79%	4.691%
16	14.410	1920	1925	1930	rBV2	42344	56418	1.30%	0.116%
17	14.539	1940	1947	1956	rVB2	1256872	2009565	46.41%	4.123%
18	14.721	1972	1978	1991	rBV	731038	1088243	25.13%	2.233%
19	15.362	2083	2087	2091	rVB	94866	119356	2.76%	0.245%
20	15.527	2109	2115	2122	rBV	2135041	3024096	69.83%	6.205%
21	15.639	2128	2134	2148	rBV	665141	955471	22.06%	1.960%
22	15.768	2148	2156	2160	rVV3	60522	102801	2.37%	0.211%
23	16.227	2229	2234	2242	rBV2	123633	214527	4.95%	0.440%
24	17.015	2364	2368	2373	rBV2	114322	135959	3.14%	0.279%
25	17.068	2373	2377	2382	rVB2	42882	61916	1.43%	0.127%
26	17.280	2407	2413	2420	rBV	1680783	2469727	57.03%	5.067%
27	17.380	2423	2430	2437	rBV	2480388	3411131	78.77%	6.999%
28	17.756	2490	2494	2497	rBV	80022	96499	2.23%	0.198%
29	17.933	2520	2524	2527	rVB3	33270	44543	1.03%	0.091%
30	18.027	2536	2540	2546	rBV9	30880	61985	1.43%	0.127%
31	18.151	2556	2561	2567	rBV	276826	370807	8.56%	0.761%
32	18.445	2607	2611	2615	rBV2	54368	68189	1.57%	0.140%
33	19.074	2714	2718	2720	rBV3	75769	83096	1.92%	0.170%
34	19.103	2720	2723	2731	rVB9	53057	72762	1.68%	0.149%

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35	19.303	2751	2757	2762	rBV4	57718	114771	2.65%	0.235%
36	19.427	2774	2778	2784	rBV2	122259	166540	3.85%	0.342%
37	19.562	2797	2801	2806	rBV4	23863	44754	1.03%	0.092%
38	19.668	2813	2819	2828	rBV	2946733	4251259	98.17%	8.723%
39	21.139	3065	3069	3074	rBV2	398272	486859	11.24%	0.999%
40	21.450	3117	3122	3130	rBV	2599571	3253767	75.14%	6.676%
41	22.644	3322	3325	3331	rVB2	247769	353216	8.16%	0.725%
42	23.644	3489	3495	3504	rBV2	2269619	4330451	100.00%	8.885%
43	23.797	3514	3521	3528	rBV2	1590813	3165560	73.10%	6.495%

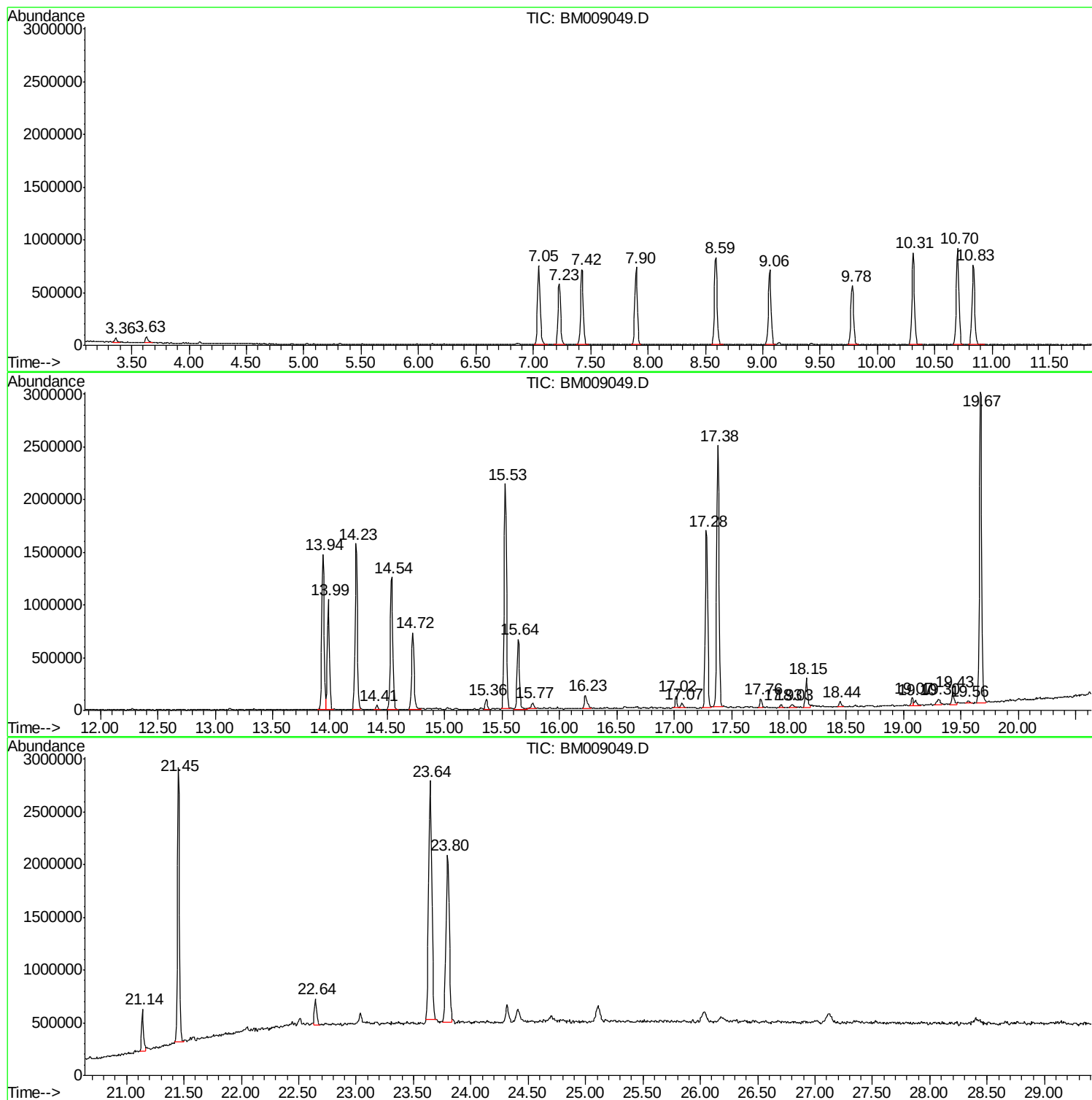
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM022317.M
Quant Title : SVOA CALIBRATION

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



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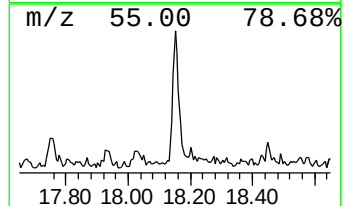
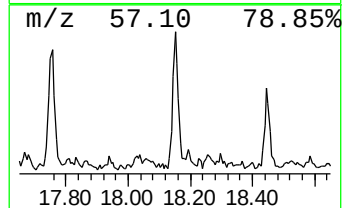
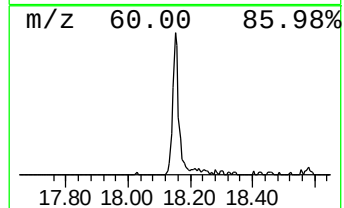
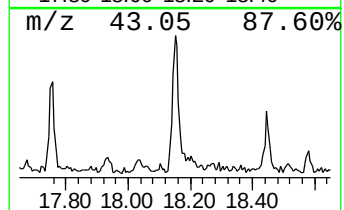
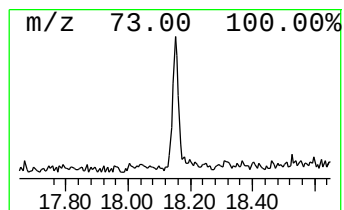
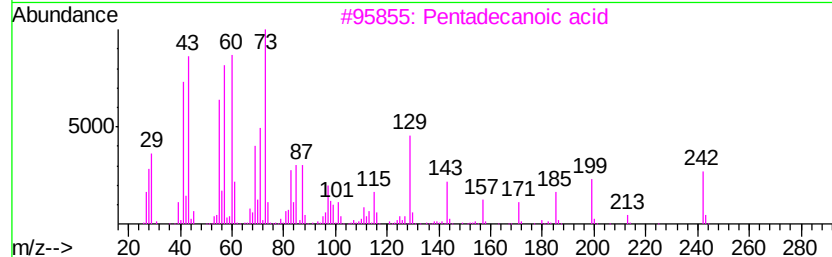
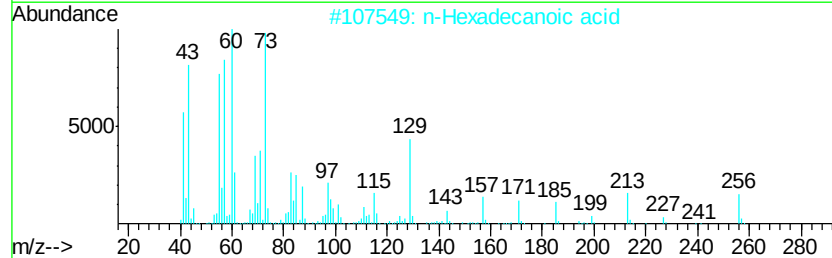
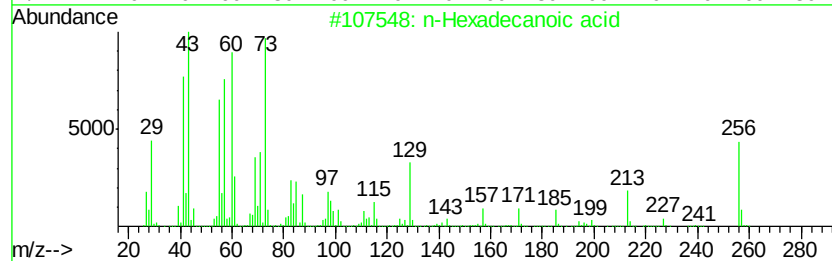
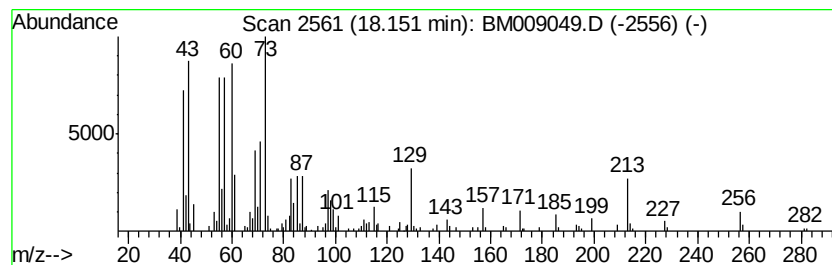
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Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.		
18.15	3.00 ng/ul	370807	Phenanthrene-d10	17.28		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	74
4		Tridecanoic acid	214	C13H26O2	000638-53-9	72
5		Tetradecanoic acid	228	C14H28O2	000544-63-8	64



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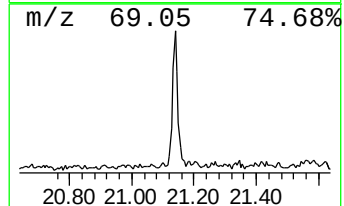
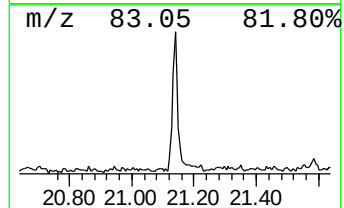
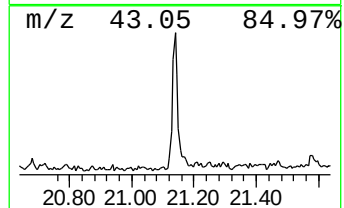
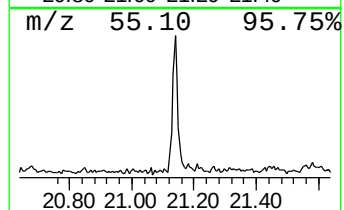
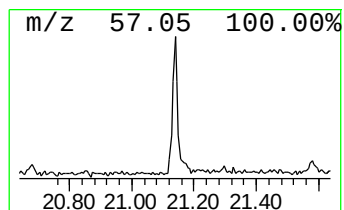
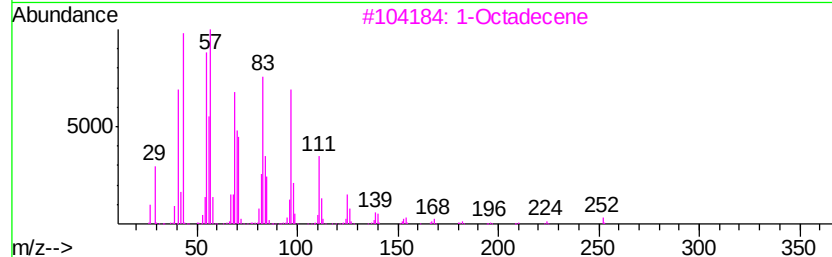
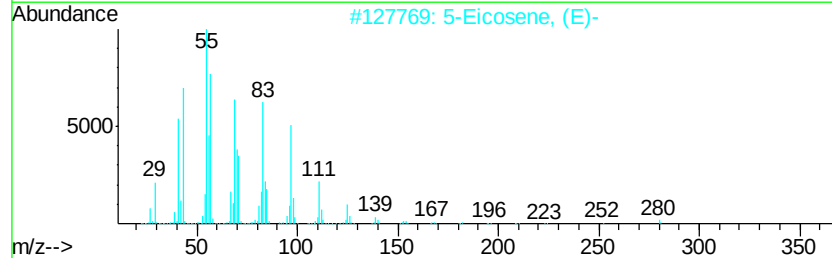
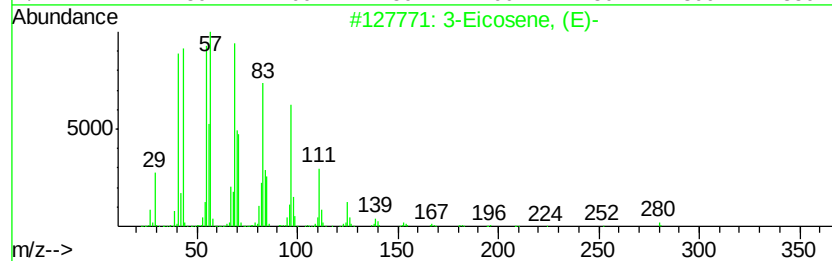
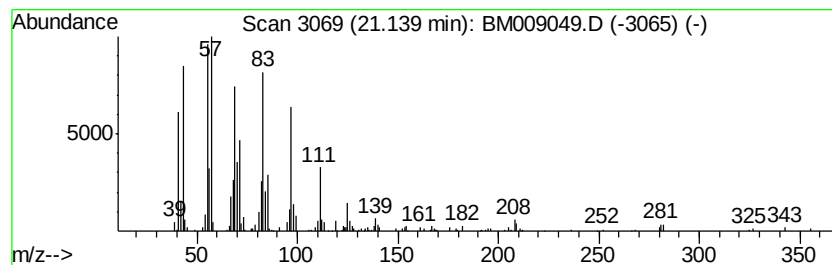
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 Peak Number 2 (DEL) Alkane: Cyclic21.14 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.14	2.99 ng/ul	486859	Chrysene-d12	21.45

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Eicosene, (E)-	280	C20H40	074685-33-9	92
2		5-Eicosene, (E)-	280	C20H40	074685-30-6	92
3		1-Octadecene	252	C18H36	000112-88-9	83
4		Heptafluorobutyric acid, n-tetra...	410	C18H29F7O2	007365-36-8	68
5		Cyclooctane, 1,2-diethyl-	168	C12H24	023609-46-3	64



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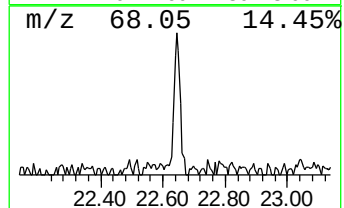
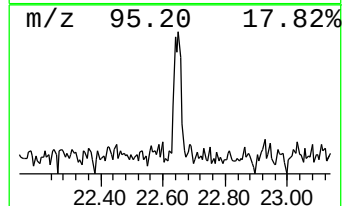
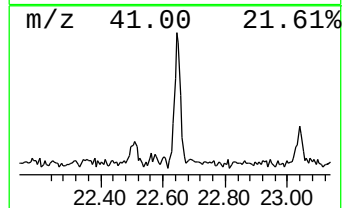
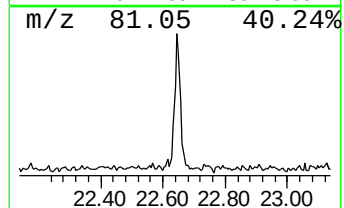
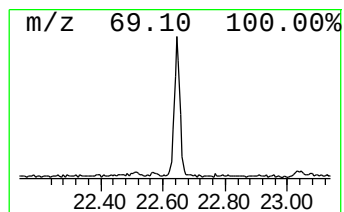
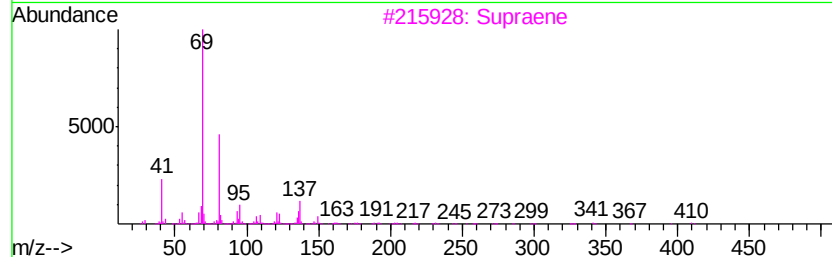
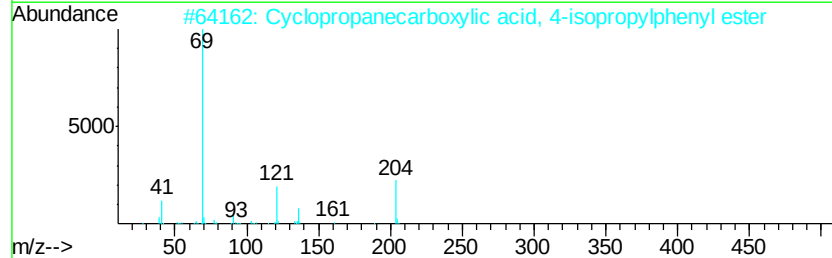
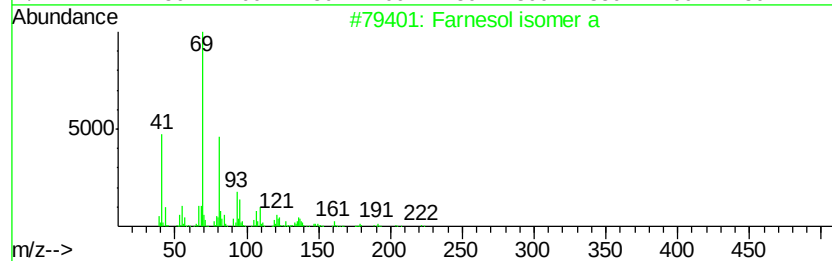
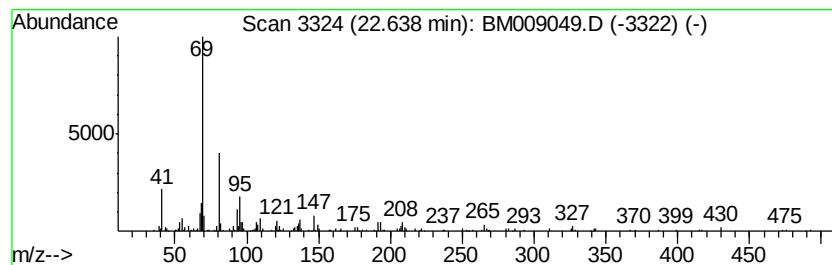
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Peak Number 3 Farnesol isomer a Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.64	2.23 ng/ul	353216	Perylene-d12	23.80
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Farnesol isomer a	222 C15H26O	1000108-92-4 64
2		Cyclopropanecarboxylic acid, 4-i...	204 C13H16O2	1000331-01-9 59
3		Supraene	410 C30H50	007683-64-9 59
4		2,3,5-Trimethyl-2,3,5-hexanetric...	203 C12H17N3	003974-79-6 59
5		Trifluoroacetyl-lavandulol	250 C12H17F3O2	028673-24-7 59



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	18.15	3.0	ng/ul	370807	4	17.28	2469730	20.0
(DEL) Alkane: Cyc...	21.14	3.0	ng/ul	486859	5	21.45	3253770	20.0
Farnesol isomer a	22.64	2.2	ng/ul	353216	6	23.80	3165560	20.0