

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM051116\
 Data File : BM005382.D
 Acq On : 11 May 2016 10:13
 Operator : UM/SJ
 Sample : H2888-17
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9WX9

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-BM050516.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	6.934	715	722	735	rBV	375796	621026	21.94%	1.901%
2	7.092	741	749	757	rBV	322482	494846	17.48%	1.515%
3	7.292	777	783	795	rBV	388906	621149	21.94%	1.901%
4	7.757	853	862	875	rVB	427854	682174	24.10%	2.088%
5	8.463	976	982	997	rVB	522980	848582	29.98%	2.597%
6	8.916	1052	1059	1074	rBV	407877	671151	23.71%	2.054%
7	9.633	1174	1181	1191	rBV	360159	589479	20.82%	1.804%
8	10.169	1266	1272	1284	rBV	528146	882088	31.16%	2.700%
9	10.545	1329	1336	1350	rBV	704622	1185620	41.88%	3.629%
10	10.686	1353	1360	1378	rBV	523469	921479	32.55%	2.821%
11	13.810	1884	1891	1896	rBV	1097890	1591311	56.21%	4.871%
12	13.857	1896	1899	1906	rVB	231825	299842	10.59%	0.918%
13	14.092	1932	1939	1948	rBV	1155522	1770532	62.54%	5.419%
14	14.292	1968	1973	1978	rVB	78525	92865	3.28%	0.284%
15	14.357	1978	1984	1986	rBV	82729	107730	3.81%	0.330%
16	14.404	1986	1992	2001	rVB2	1109352	1775200	62.71%	5.434%
17	14.610	2022	2027	2043	rBV	439513	729756	25.78%	2.234%
18	15.245	2131	2135	2140	rVB	101464	124060	4.38%	0.380%
19	15.398	2154	2161	2171	rVB	1508050	2262783	79.93%	6.926%
20	15.521	2177	2182	2194	rVB	517698	768787	27.16%	2.353%
21	15.639	2196	2202	2208	rBV4	35456	77034	2.72%	0.236%
22	16.110	2277	2282	2290	rBV	91547	147087	5.20%	0.450%
23	16.898	2412	2416	2420	rBV	33344	41015	1.45%	0.126%
24	17.151	2452	2459	2466	rBV2	1478426	2164859	76.47%	6.626%
25	17.251	2469	2476	2486	rVB2	1645481	2484698	87.77%	7.605%
26	18.039	2605	2610	2619	rBV	44051	65908	2.33%	0.202%
27	19.468	2849	2853	2858	rVV	359143	391190	13.82%	1.197%
28	19.550	2860	2867	2872	rVV	1950928	2830947	100.00%	8.665%
29	19.586	2872	2873	2880	rVB	49740	33487	1.18%	0.102%
30	20.515	3027	3031	3036	rBV	246834	253406	8.95%	0.776%
31	20.580	3038	3042	3045	rVV	27402	29922	1.06%	0.092%
32	20.886	3090	3094	3101	rBV	197987	229057	8.09%	0.701%
33	21.039	3116	3120	3132	rBV	105285	146232	5.17%	0.448%
34	21.244	3151	3155	3162	rBV	39775	44092	1.56%	0.135%

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35	21.339	3166	3171	3180	rBV	1534791	2105237	74.37%	6.444%
36	21.480	3191	3195	3199	rVB	39452	40993	1.45%	0.125%
37	21.915	3266	3269	3277	rBV	37772	50238	1.77%	0.154%
38	22.380	3344	3348	3353	rBV	50842	68068	2.40%	0.208%
39	22.891	3430	3435	3440	rVB	71120	97156	3.43%	0.297%
40	23.462	3524	3532	3547	rBV2	1107177	2113731	74.67%	6.470%
41	23.609	3549	3557	3569	rVB2	886807	1726389	60.98%	5.284%
42	24.109	3636	3642	3648	rBV	78112	143511	5.07%	0.439%
43	24.862	3763	3770	3778	rVB	68493	142097	5.02%	0.435%
44	25.732	3912	3918	3927	rVB3	46244	112974	3.99%	0.346%
45	26.756	4088	4092	4102	rVB4	36425	90865	3.21%	0.278%

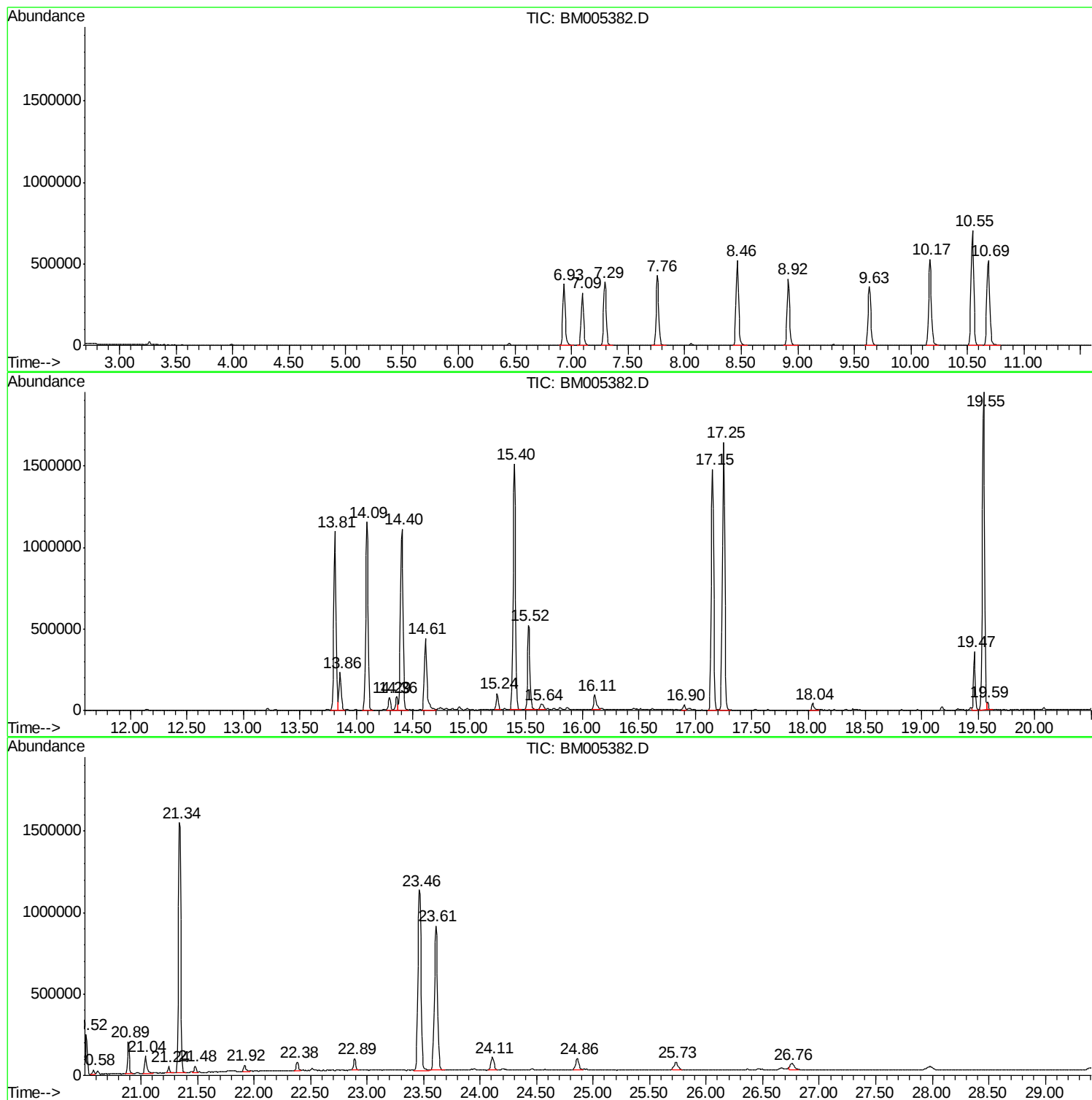
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM050516.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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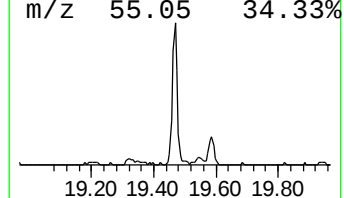
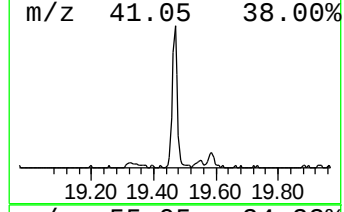
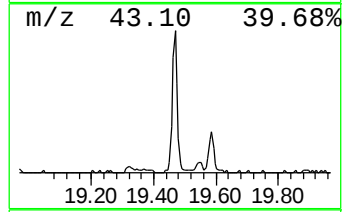
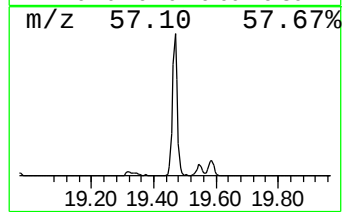
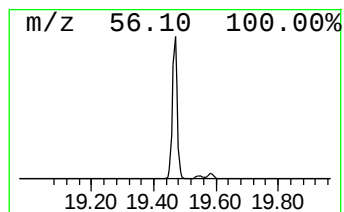
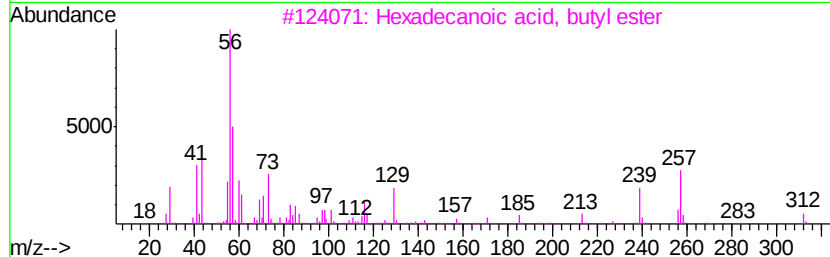
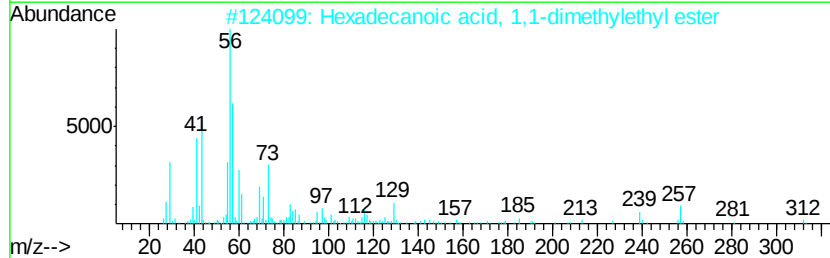
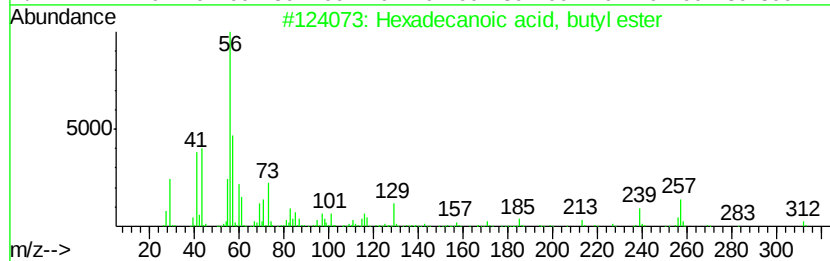
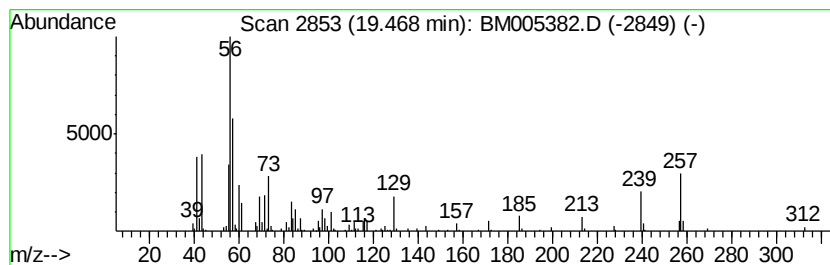
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM050516.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Hexadecanoic acid, butyl ester Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.47	3.72 ng/ul	391190	Chrysene-d12	21.34

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	96
2		Hexadecanoic acid, 1,1-dimethyle...	312	C20H40O2	031158-91-5	96
3		Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	91
4		Hexadecanoic acid, 2-methylpropy...	312	C20H40O2	000110-34-9	55
5		Cyclobutane, 1,1-dimethyl-2-octyl-	196	C14H28	062338-30-1	35



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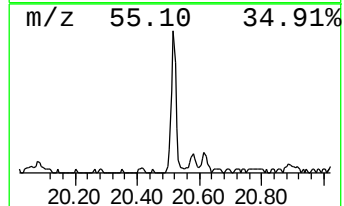
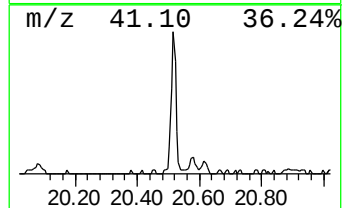
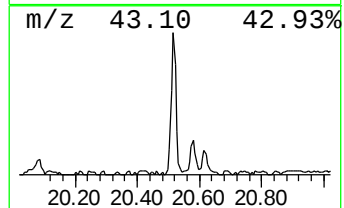
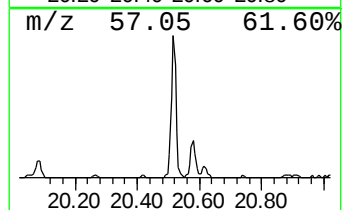
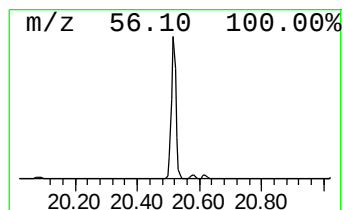
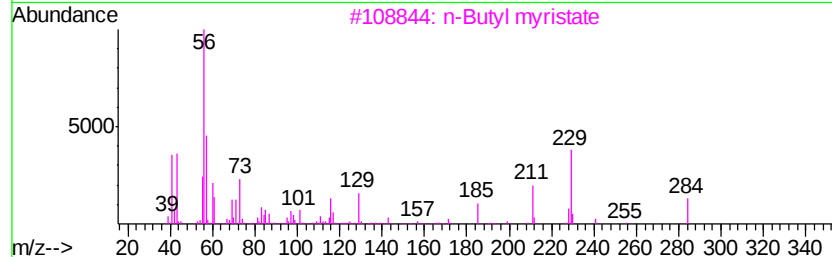
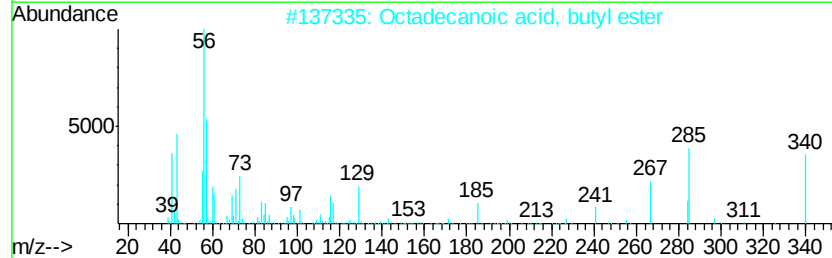
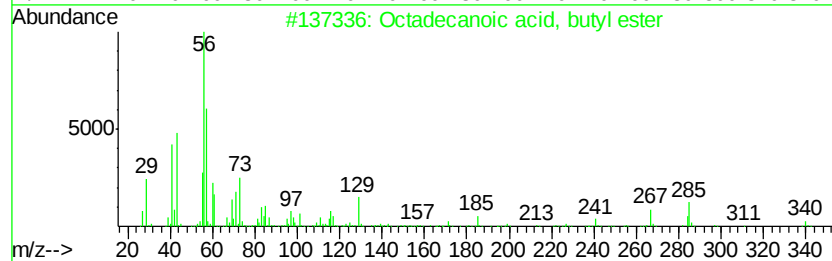
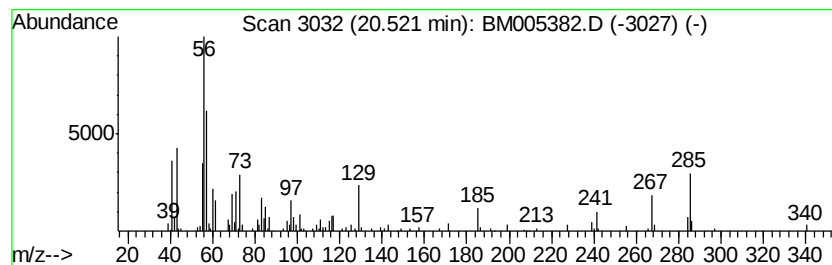
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Peak Number 2 Octadecanoic acid, butyl ester Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.52	2.41 ng/ul	253406	Chrysene-d12	21.34

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid, butyl ester	340	C22H44O2	000123-95-5	98
2		Octadecanoic acid, butyl ester	340	C22H44O2	000123-95-5	90
3		n-Butyl myristate	284	C18H36O2	000110-36-1	72
4		Octadecanoic acid, 2-methylpropy...	340	C22H44O2	000646-13-9	43
5		2-Methyl-n-1-tridecene	196	C14H28	018094-01-4	35



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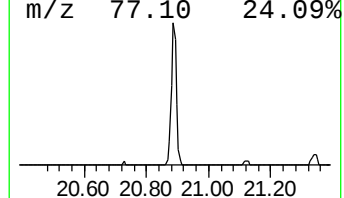
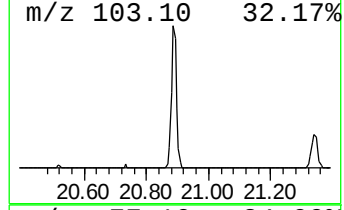
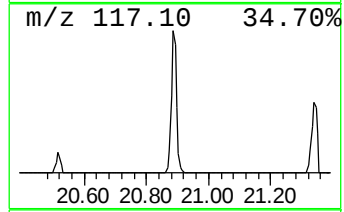
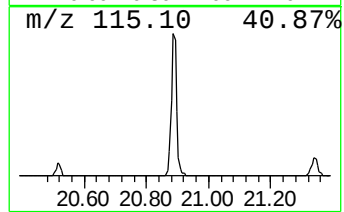
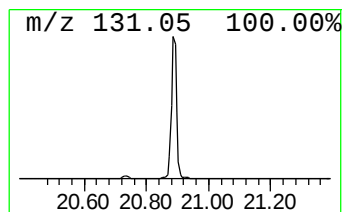
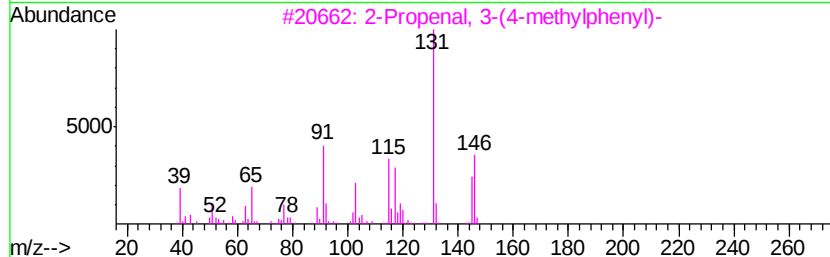
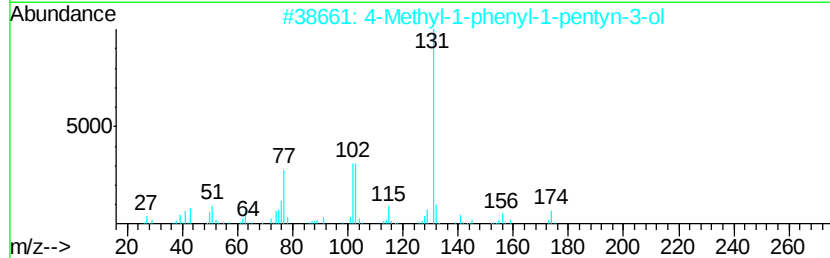
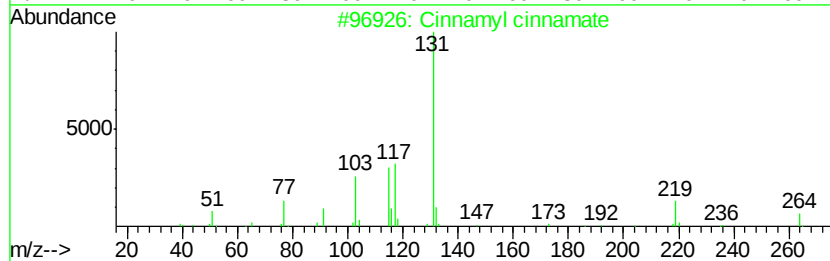
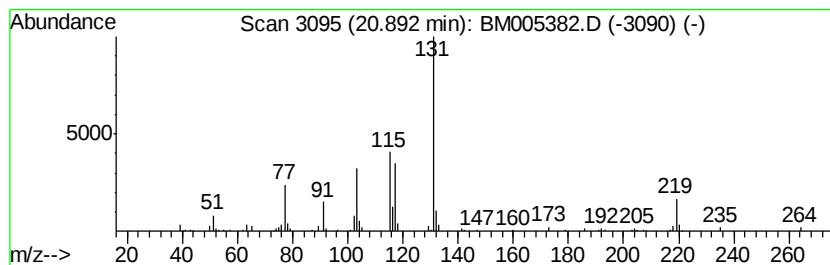
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Peak Number 3 Cinnamyl cinnamate Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.89	2.18 ng/ul	229057	Chrysene-d12	21.34
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Cinnamyl cinnamate	264 C18H16O2	000122-69-0	87
2	4-Methyl-1-phenyl-1-pentyn-3-ol	174 C12H14O	006662-56-2	50
3	2-Propenal, 3-(4-methylphenyl)-	146 C10H10O	001504-75-2	50
4	2,2-Dimethyl-1-(2-vinylphenyl)pr...	188 C13H16O	1000210-99-9	49
5	2-Propenoic acid, 3-phenyl-, phe...	224 C15H12O2	025695-77-6	47



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Hexadecanoic acid...	19.47	3.7	ng/ul	391190	5	21.34	2105240	20.0
Octadecanoic acid...	20.52	2.4	ng/ul	253406	5	21.34	2105240	20.0
Cinnamyl cinnamate	20.89	2.2	ng/ul	229057	5	21.34	2105240	20.0