

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM053117\
 Data File : BM010342.D
 Acq On : 31 May 2017 21:20
 Operator : SJ/MA
 Sample : I3369-04
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AA4

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\SOM-EPA-BM052717.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	5.052	329	334	343	rBV	98820	153758	1.59%	0.143%
2	7.105	677	683	693	rBV	1388722	2357877	24.44%	2.191%
3	7.263	705	710	720	rVB	995755	1555189	16.12%	1.445%
4	7.458	737	743	752	rBV	1607735	2620704	27.16%	2.436%
5	7.922	815	822	833	rBV	1594983	2610142	27.05%	2.426%
6	8.028	833	840	845	rVB2	71837	124261	1.29%	0.115%
7	8.646	938	945	958	rBV	1589542	2633005	27.29%	2.447%
8	9.110	1016	1024	1031	rBV	1382873	2380004	24.66%	2.212%
9	9.175	1031	1035	1044	rVB4	52494	101933	1.06%	0.095%
10	9.816	1137	1144	1163	rVB	1298807	2215838	22.96%	2.059%
11	10.352	1226	1235	1246	rBV	2050353	3520168	36.48%	3.272%
12	10.728	1290	1299	1308	rBV	1965721	3418807	35.43%	3.177%
13	10.893	1319	1327	1338	rBV	1451877	2590015	26.84%	2.407%
14	13.969	1843	1850	1855	rBV	3832774	5270108	54.61%	4.898%
15	14.016	1855	1858	1867	rVB	956527	1195136	12.39%	1.111%
16	14.257	1891	1899	1908	rBV	3855295	5761356	59.71%	5.355%
17	14.557	1943	1950	1960	rVB2	3065001	4574613	47.41%	4.252%
18	14.792	1982	1990	2007	rBV	1162436	2084545	21.60%	1.937%
19	14.939	2011	2015	2021	rVB7	61910	103365	1.07%	0.096%
20	15.334	2079	2082	2087	rBV2	88719	103505	1.07%	0.096%
21	15.545	2109	2118	2125	rBV	5109242	7247513	75.11%	6.736%
22	15.669	2133	2139	2145	rBV	1558899	2073368	21.49%	1.927%
23	15.781	2154	2158	2163	rVB4	80705	118609	1.23%	0.110%
24	16.198	2225	2229	2236	rBV2	114534	181973	1.89%	0.169%
25	17.157	2388	2392	2397	rBV7	69444	101163	1.05%	0.094%
26	17.304	2409	2417	2422	rBV	3817909	5386002	55.82%	5.006%
27	17.398	2427	2433	2442	rVB	5174828	7417871	76.87%	6.894%
28	18.033	2536	2541	2545	rBV8	84671	142447	1.48%	0.132%
29	18.151	2556	2561	2571	rBV	1010617	1508961	15.64%	1.402%
30	18.239	2572	2576	2580	rVB	186965	230761	2.39%	0.214%
31	18.539	2622	2627	2632	rBV2	81079	181565	1.88%	0.169%
32	18.810	2670	2673	2679	rBV8	49797	102635	1.06%	0.095%
33	19.316	2756	2759	2762	rBV2	110869	175178	1.82%	0.163%
34	19.345	2762	2764	2768	rVB	175931	219159	2.27%	0.204%

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35	19.416	2772	2776	2791	rBV3	546818	951098	9.86%	0.884%
36	19.686	2816	2822	2830	rBV	7293383	9649571	100.00%	8.968%
37	20.586	2972	2975	2978	rBV	443169	477675	4.95%	0.444%
38	21.333	3099	3102	3104	rBV	315757	337938	3.50%	0.314%
39	21.463	3119	3124	3129	rBV	5001722	6356683	65.88%	5.908%
40	22.045	3219	3223	3229	rVB	3037077	3822167	39.61%	3.552%
41	23.662	3492	3498	3508	rVB2	5000013	9590076	99.38%	8.913%
42	23.815	3517	3524	3531	rBV2	2989592	5949761	61.66%	5.530%

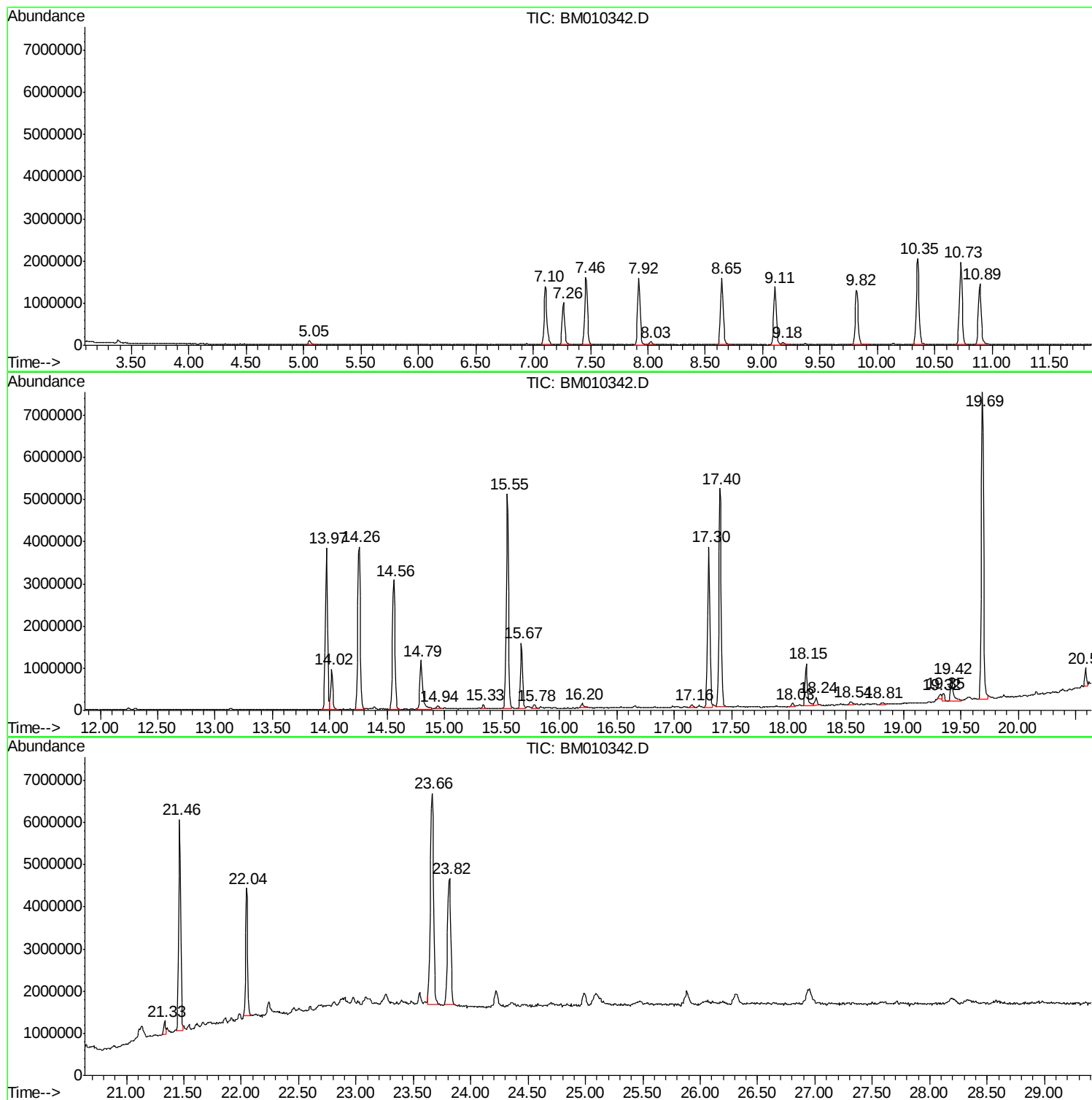
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION

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



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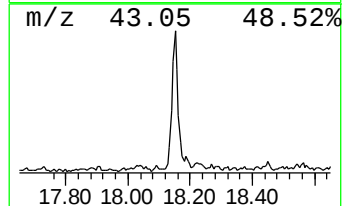
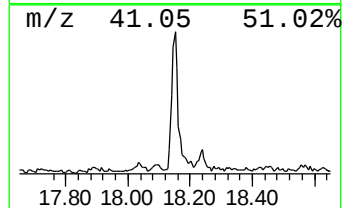
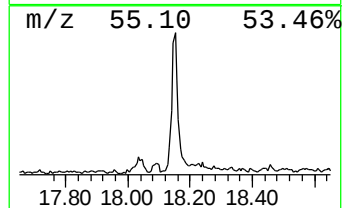
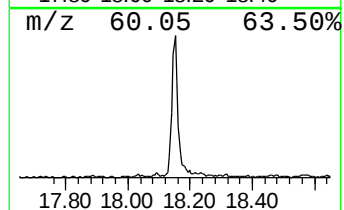
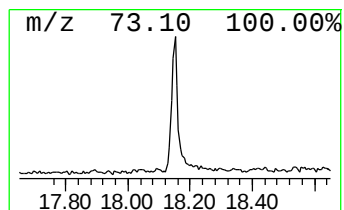
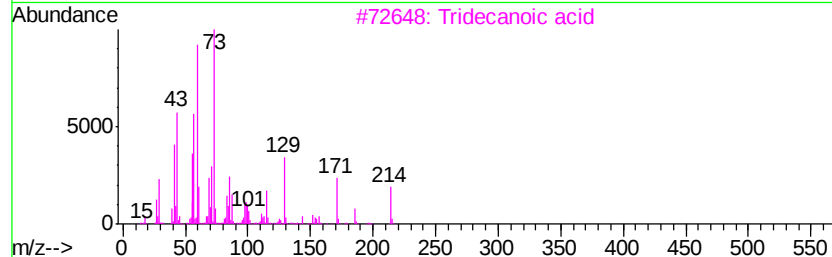
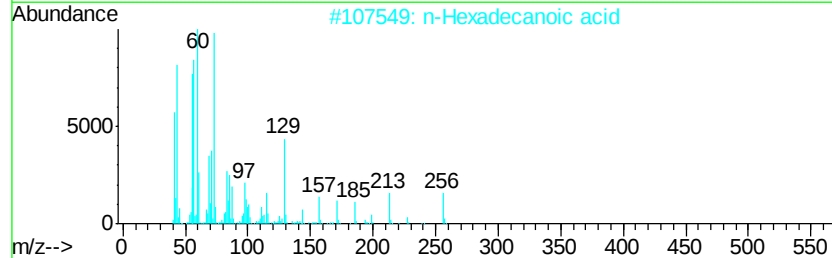
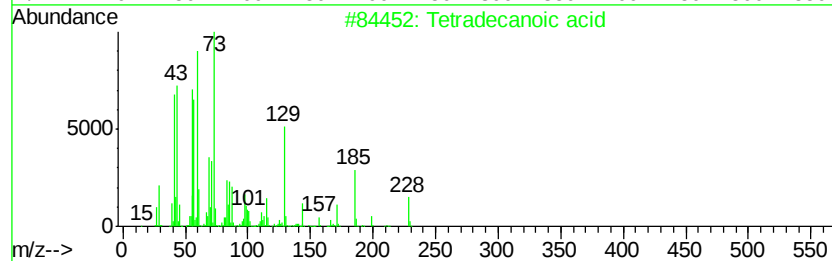
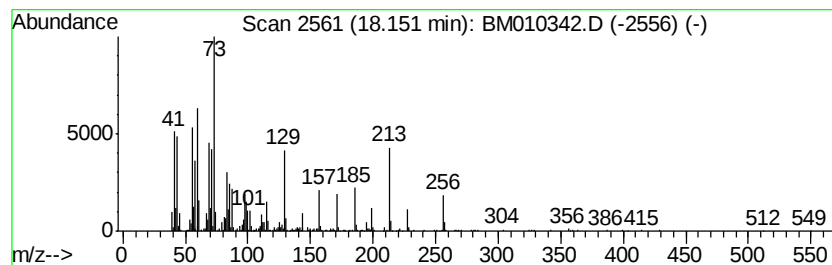
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Tetradecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.15	5.60 ng/ul	1508960	Phenanthrene-d10	17.30	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecanoic acid	228	C14H28O2	000544-63-8	93
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
3	Tridecanoic acid	214	C13H26O2	000638-53-9	83
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	62
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	58



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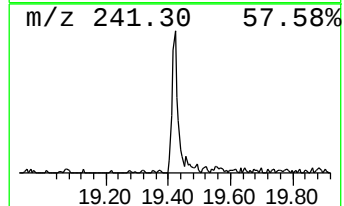
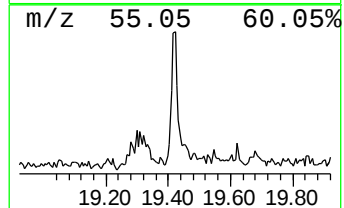
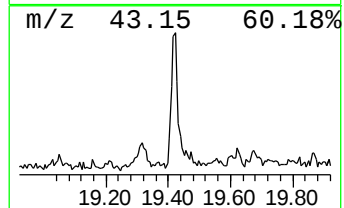
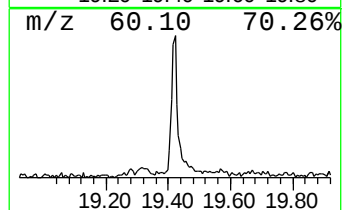
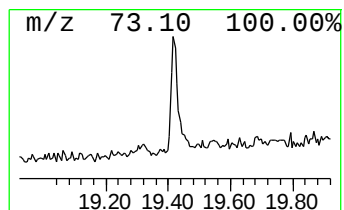
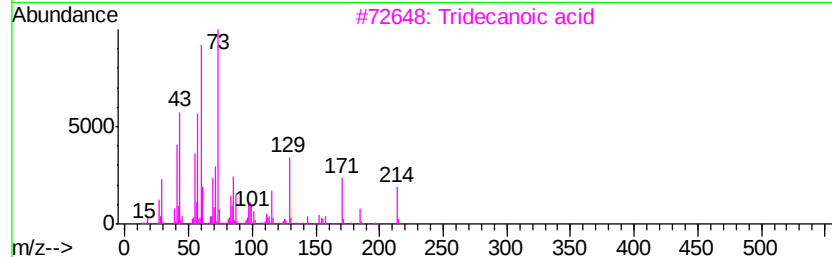
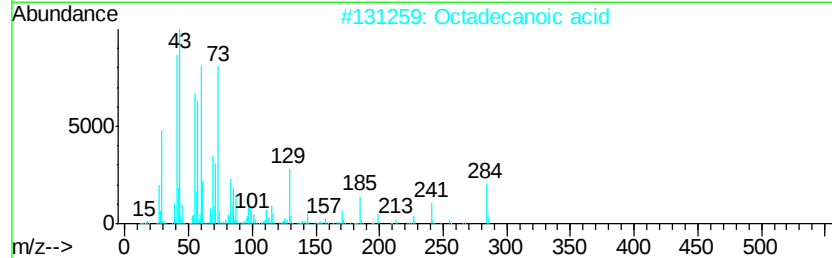
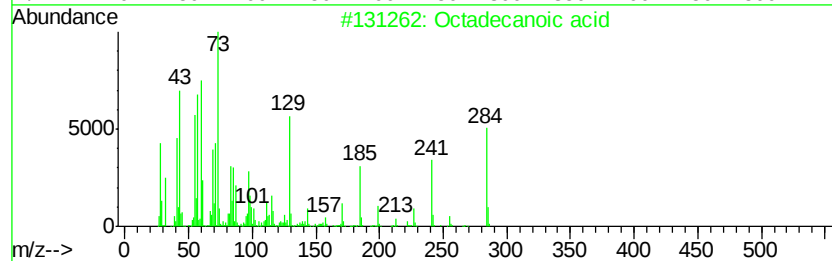
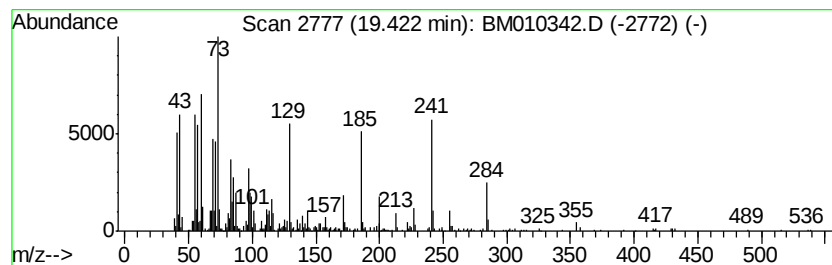
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Peak Number 2 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.42	2.99 ng/ul	951098	Chrysene-d12	21.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid	284	C18H36O2	000057-11-4	93
2		Octadecanoic acid	284	C18H36O2	000057-11-4	60
3		Tridecanoic acid	214	C13H26O2	000638-53-9	60
4		Octadecanoic acid	284	C18H36O2	000057-11-4	53
5		Octadecanoic acid	284	C18H36O2	000057-11-4	53



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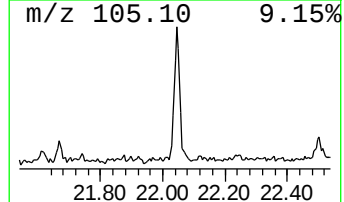
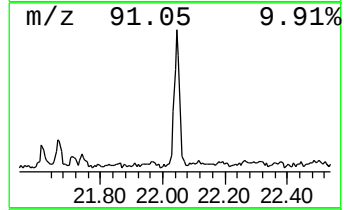
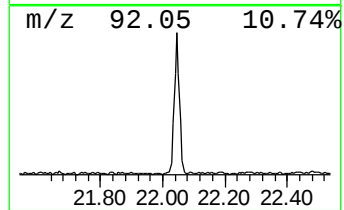
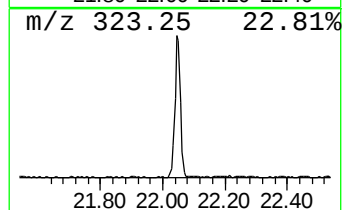
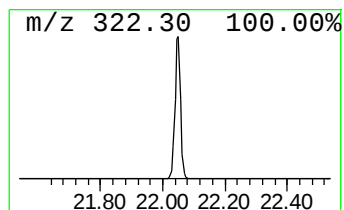
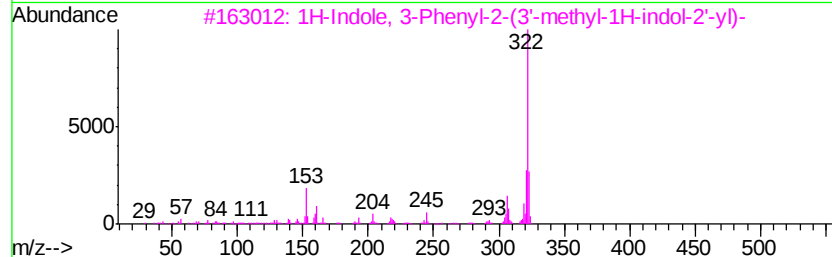
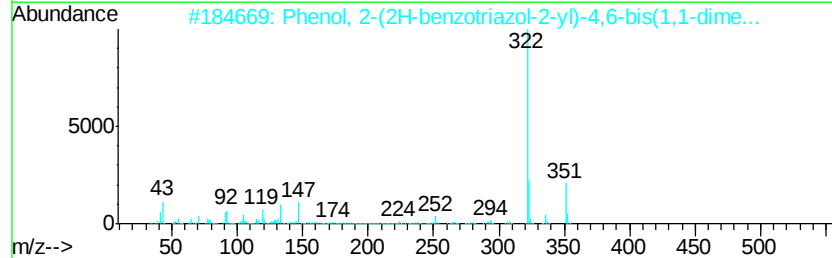
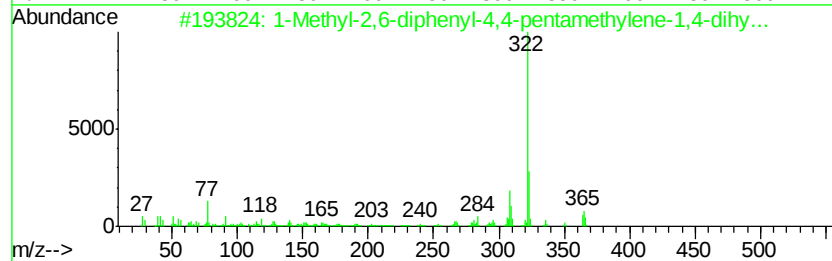
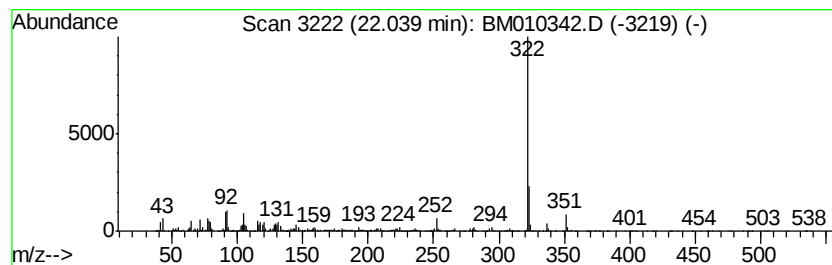
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 3 1-Methyl-2,6-diphenyl-4,4-p... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.04	12.03 ng/ul	3822170	Chrysene-d12	21.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Methyl-2,6-diphenyl-4,4-pentam...	365	C25H23N3	083078-31-3	72
2		Phenol, 2-(2H-benzotriazol-2-yl)...	351	C22H29N3O	025973-55-1	56
3		1H-Indole, 3-Phenyl-2-(3'-methyl...	322	C23H18N2	164936-86-1	50
4		Condyfolan-16-carboxylic acid, 2...	322	C20H22N2O2	004939-81-5	50
5		Pyrazole-4-carboxylic acid, 3-(1...	322	C20H22N2O2	1000272-86-5	50



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Tetradecanoic acid	18.15	5.6	ng/ul	1508960	4	17.30	5386000	20.0
Octadecanoic acid	19.42	3.0	ng/ul	951098	5	21.46	6356680	20.0
1-Methyl-2,6-diph...	22.04	12.0	ng/ul	3822170	5	21.46	6356680	20.0