

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM053117\
 Data File : BM010338.D
 Acq On : 31 May 2017 18:56
 Operator : SJ/MA
 Sample : I3369-05
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AA6

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	331	334	341	rBV2	54798	86396	1.23%	0.114%
2	7.110	677	684	697	rBV	738638	1290383	18.37%	1.698%
3	7.263	705	710	724	rBV	507732	805193	11.46%	1.059%
4	7.463	736	744	751	rBV	814899	1353246	19.27%	1.780%
5	7.922	814	822	833	rBV	1358154	2189719	31.17%	2.881%
6	8.645	934	945	956	rBV	937951	1576092	22.44%	2.073%
7	9.110	1017	1024	1035	rBV	685022	1173083	16.70%	1.543%
8	9.822	1134	1145	1152	rBV	626109	1069400	15.22%	1.407%
9	10.134	1193	1198	1204	rVB5	42746	79942	1.14%	0.105%
10	10.351	1227	1235	1245	rBV	1060083	1862248	26.51%	2.450%
11	10.728	1292	1299	1309	rBV	1590967	2673787	38.06%	3.518%
12	10.892	1320	1327	1337	rBV	575620	1080389	15.38%	1.421%
13	13.969	1843	1850	1855	rBV	2227637	3059778	43.56%	4.025%
14	14.016	1855	1858	1869	rVB	410779	538553	7.67%	0.708%
15	14.257	1891	1899	1909	rBV	2148241	3160732	45.00%	4.158%
16	14.557	1943	1950	1957	rBV2	2371173	3579704	50.96%	4.709%
17	14.798	1984	1991	2003	rBV	628762	1196533	17.03%	1.574%
18	15.545	2109	2118	2125	rBV	2962151	4249746	60.50%	5.591%
19	15.668	2133	2139	2145	rBV	905764	1254961	17.87%	1.651%
20	16.198	2225	2229	2234	rBV3	51483	90909	1.29%	0.120%
21	17.015	2360	2368	2378	rBV2	313211	466023	6.63%	0.613%
22	17.304	2410	2417	2422	rBV	3193903	4419557	62.92%	5.814%
23	17.345	2422	2424	2428	rVV	137032	157743	2.25%	0.208%
24	17.404	2428	2434	2447	rVB2	3221216	4780060	68.05%	6.288%
25	18.151	2556	2561	2570	rBV	623470	983558	14.00%	1.294%
26	19.280	2750	2753	2755	rBV4	130178	170787	2.43%	0.225%
27	19.309	2755	2758	2760	rVV4	178500	249000	3.54%	0.328%
28	19.351	2761	2765	2771	rVB	383663	535499	7.62%	0.704%
29	19.421	2772	2777	2783	rBV	433841	649578	9.25%	0.855%
30	19.686	2817	2822	2832	rBV	4767034	6846261	97.46%	9.007%
31	21.109	3062	3064	3065	rBV2	139324	114947	1.64%	0.151%
32	21.462	3119	3124	3129	rBV	5186239	6450199	91.83%	8.486%
33	22.045	3219	3223	3231	rBV	2440569	3175287	45.20%	4.177%
34	23.662	3492	3498	3505	rBV2	3946292	7024362	100.00%	9.241%

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ALS Vial : 11 Sample Multiplier: 1

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ClientSampleId :
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Integration Parameters: LSCINT.P

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Max Peaks: 100
Peak Location: TOP

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35	23.815	3518	3524	3533	rVB	3451472	6448749	91.81%	8.484%
36	24.221	3590	3593	3599	rVB3	694245	1171210	16.67%	1.541%

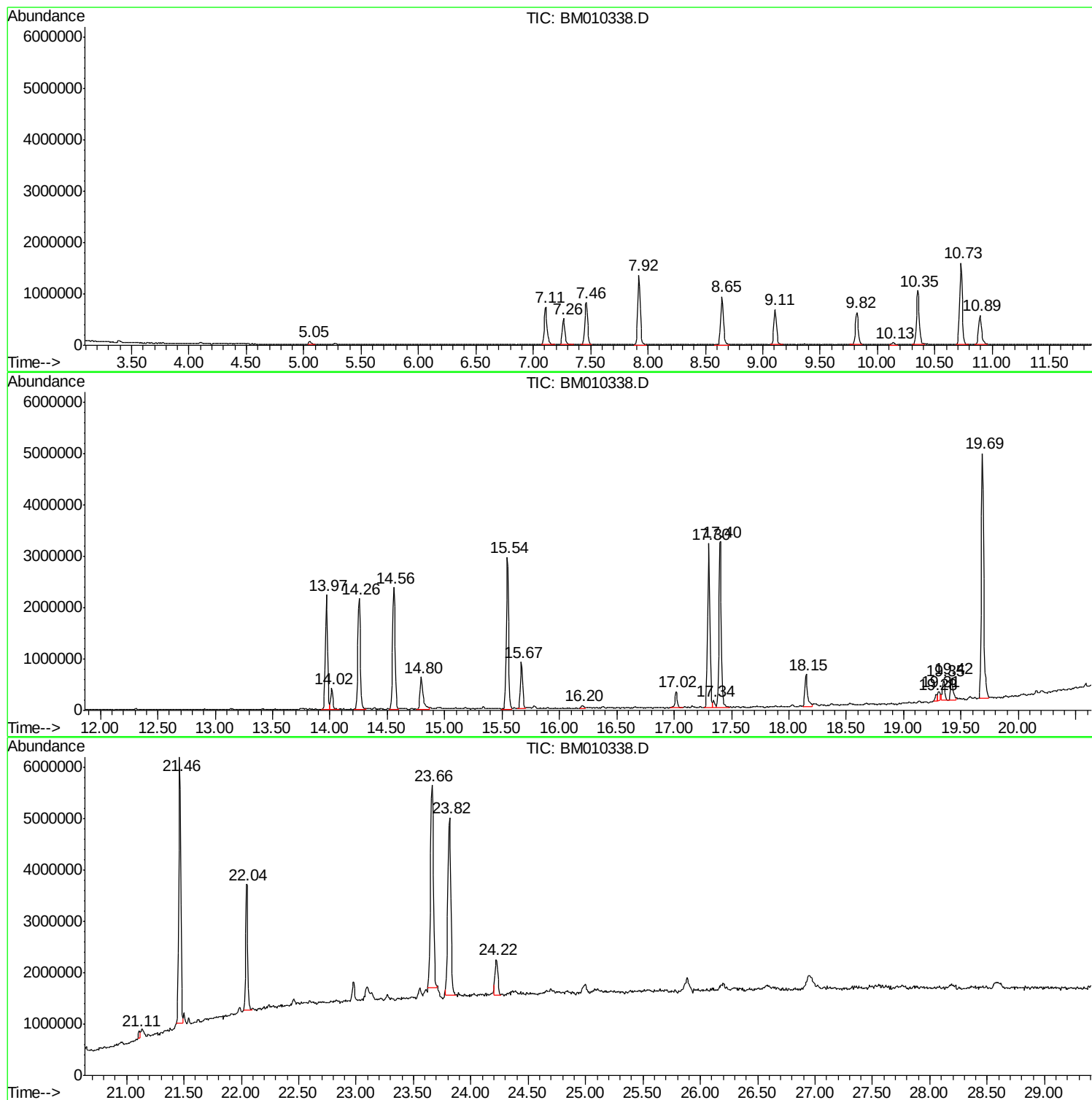
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TIC Library : C:\DATABASE\NIST11.L
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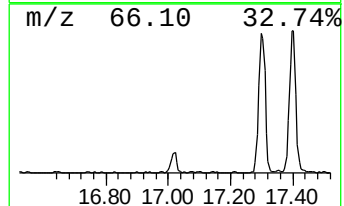
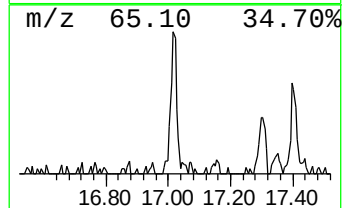
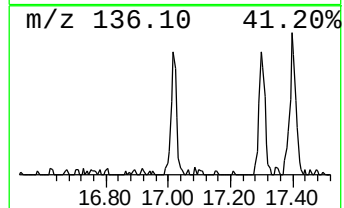
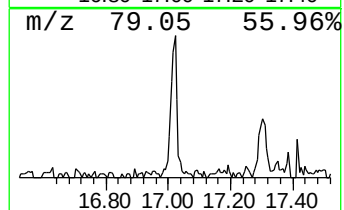
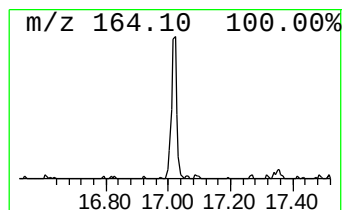
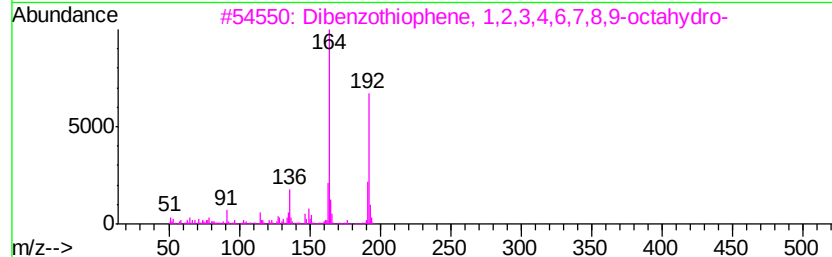
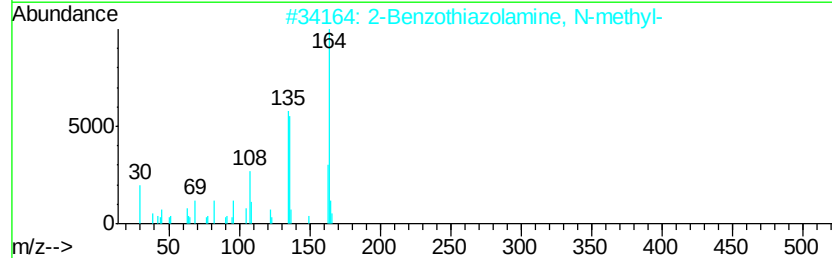
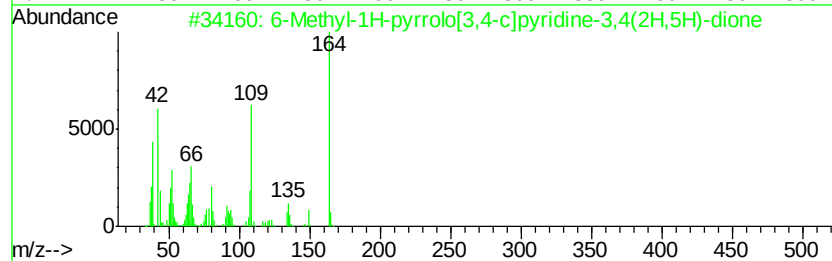
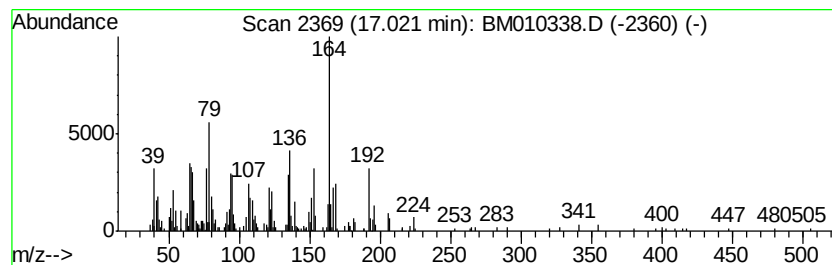
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Peak Number 1 unknown-01 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.		
17.02	2.11 ng/ul	466023	Phenanthrene-d10	17.30		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	6-Methyl-1H-pyrrolo[3,4-c]pyridi...	164	C8H8N2O2	089159-34-2	46	
2	2-Benzothiazolamine, N-methyl-	164	C8H8N2S	016954-69-1	45	
3	Dibenzothiophene, 1,2,3,4,6,7,8,...	192	C12H16S	015869-74-6	43	
4	2H-1-Benzopyran-2-one, 3,4-dihyd...	164	C9H8O3	002669-94-5	38	
5	4,7(1H,8H)-Pteridinedione	164	C6H4N4O2	033669-70-4	38	



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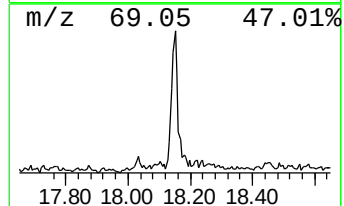
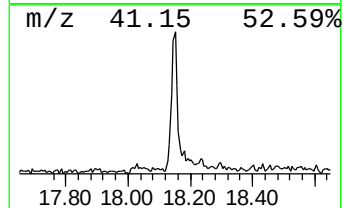
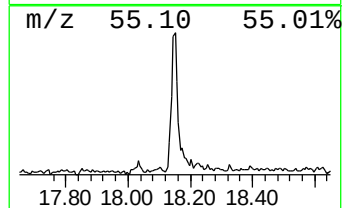
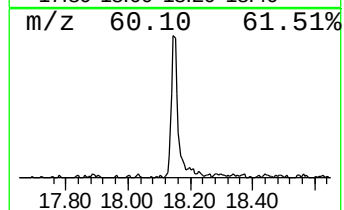
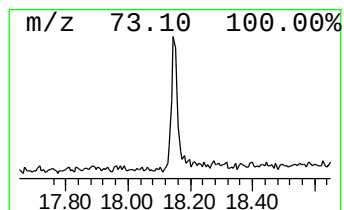
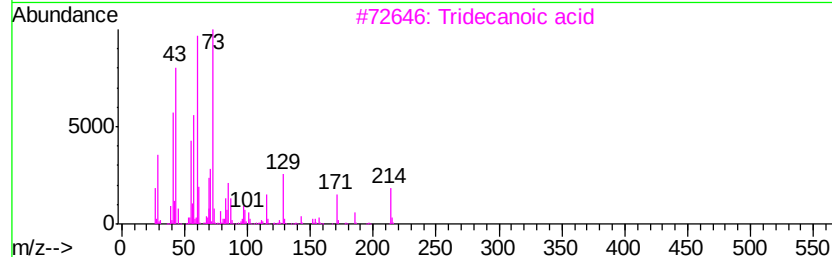
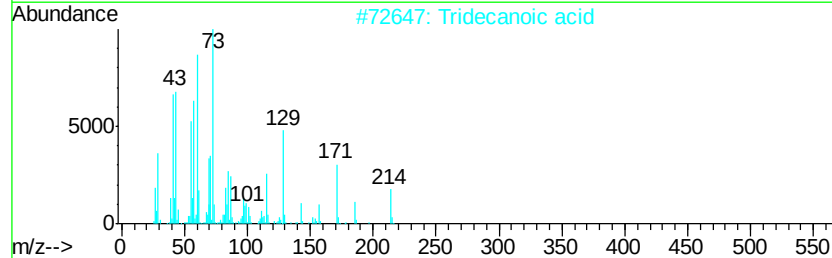
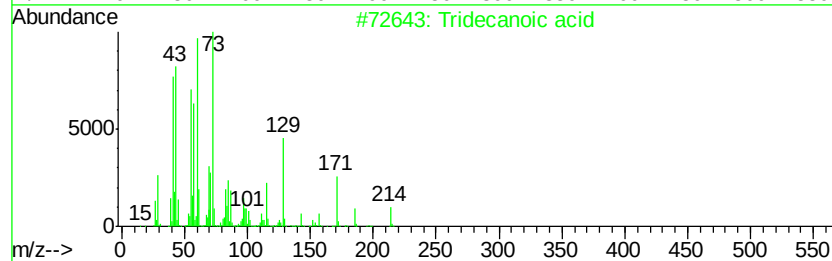
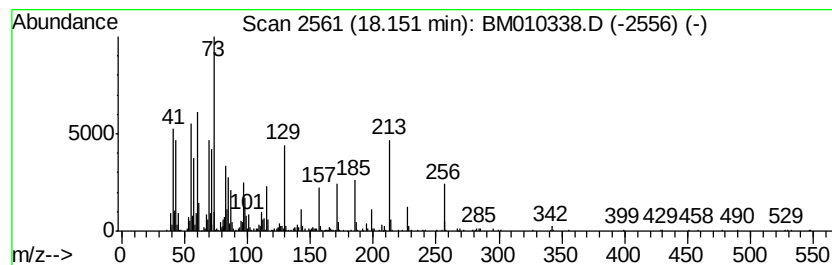
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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Peak Number 2 Tridecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.15	4.45 ng/ul	983558	Phenanthrene-d10	17.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecanoic acid	214	C13H26O2	000638-53-9	92
2		Tridecanoic acid	214	C13H26O2	000638-53-9	92
3		Tridecanoic acid	214	C13H26O2	000638-53-9	91
4		Tridecanoic acid	214	C13H26O2	000638-53-9	78
5		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	62



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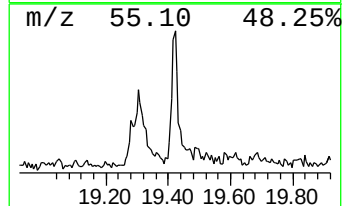
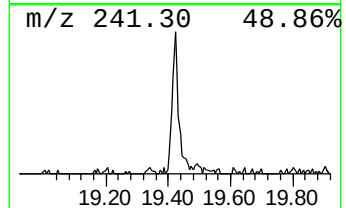
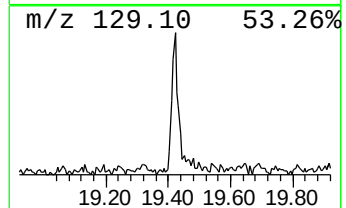
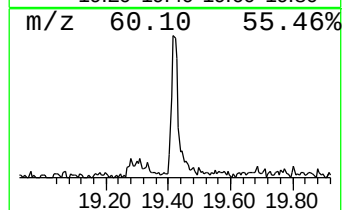
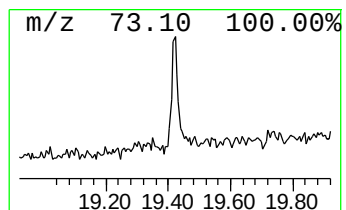
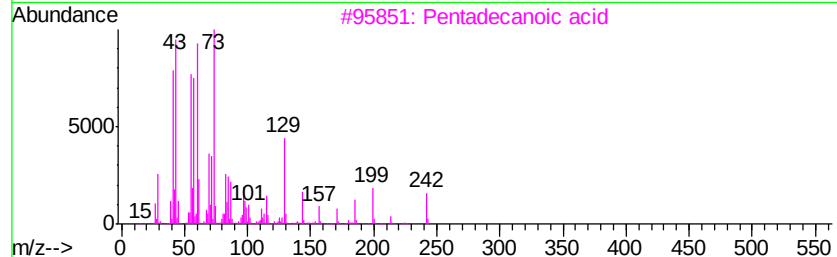
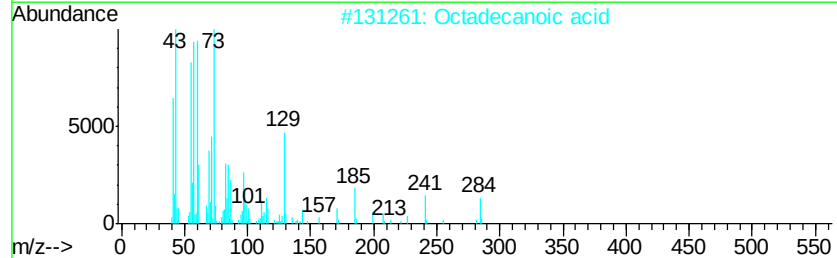
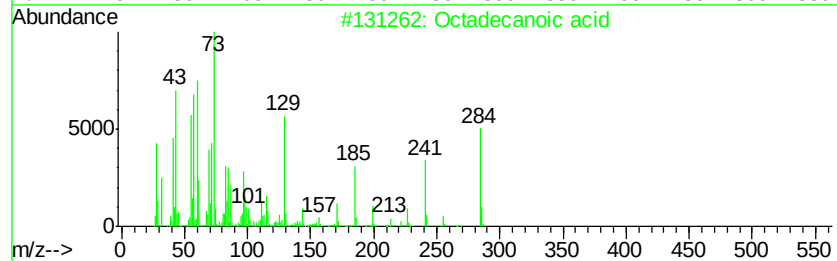
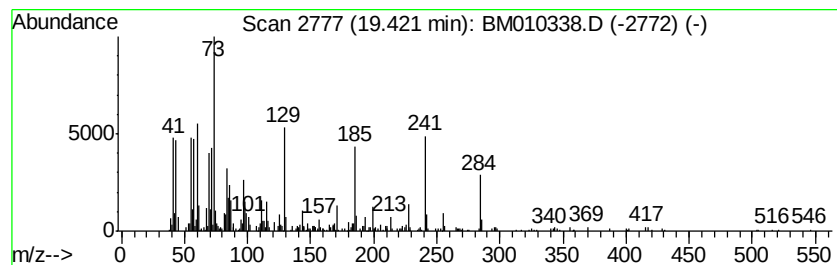
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 3 Octadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.42	2.01 ng/ul	649578	Chrysene-d12	21.46

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	97	
2	Octadecanoic acid	284	C18H36O2	000057-11-4	93	
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	70	
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	60	
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	53	



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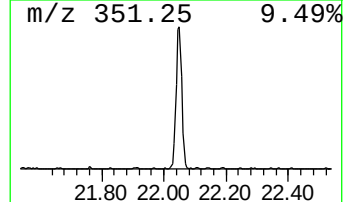
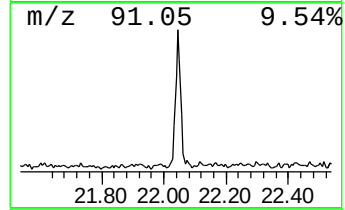
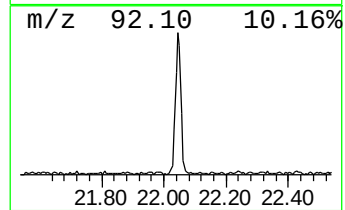
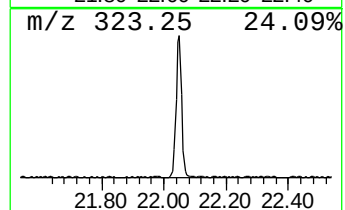
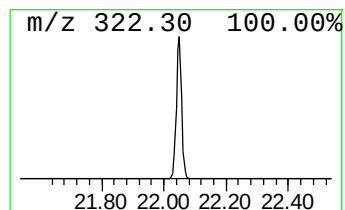
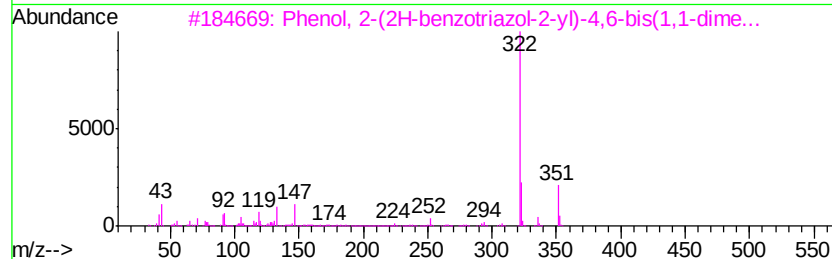
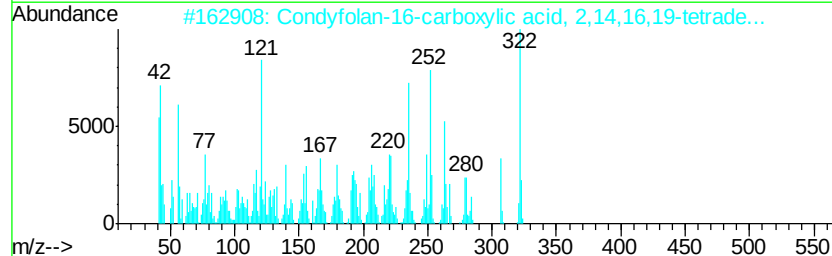
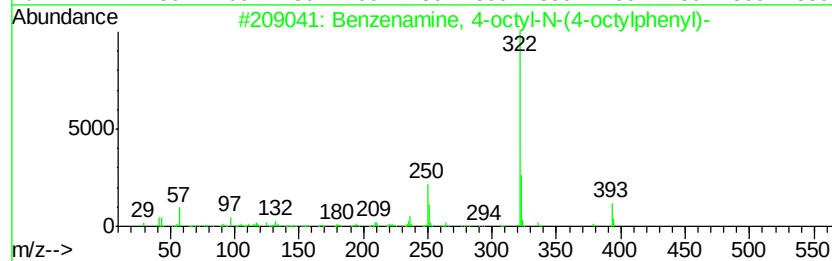
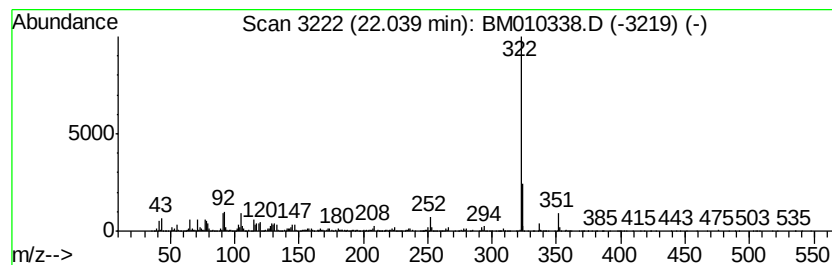
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 4 Benzenamine, 4-octyl-N-(4-o... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.04	9.85 ng/ul	3175290	Chrysene-d12	21.46
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Benzenamine, 4-octyl-N-(4-octylp...	393 C28H43N	000101-67-7	56
2	Condyfolan-16-carboxylic acid, 2...	322 C20H22N2O2	004939-81-5	50
3	Phenol, 2-(2H-benzotriazol-2-yl)...	351 C22H29N3O	025973-55-1	43
4	Pyrazole-4-carboxylic acid, 3-(1...	322 C20H22N2O2	1000272-86-5	39
5	1-Diisopropyloctylsilyloxy-4-nit...	365 C20H35N03Si	1000307-85-3	12



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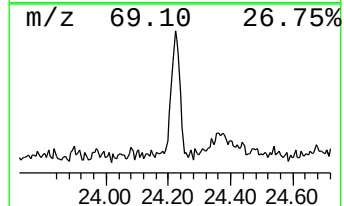
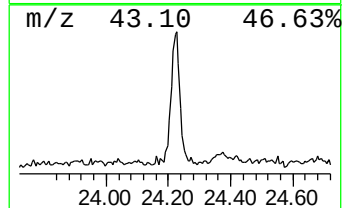
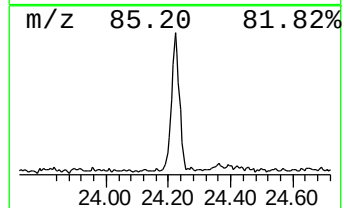
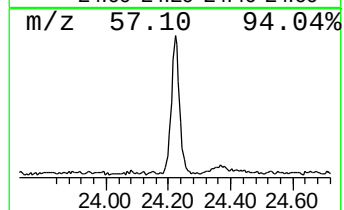
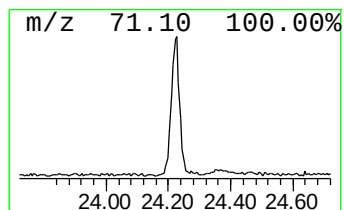
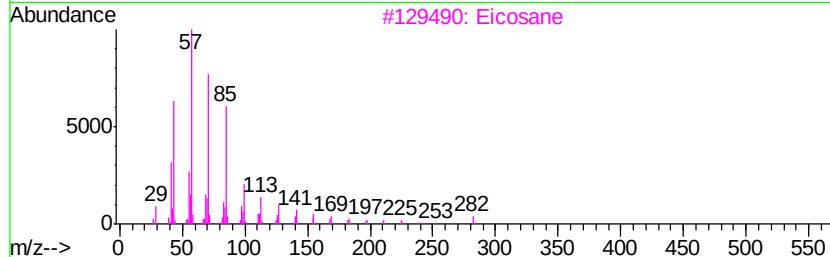
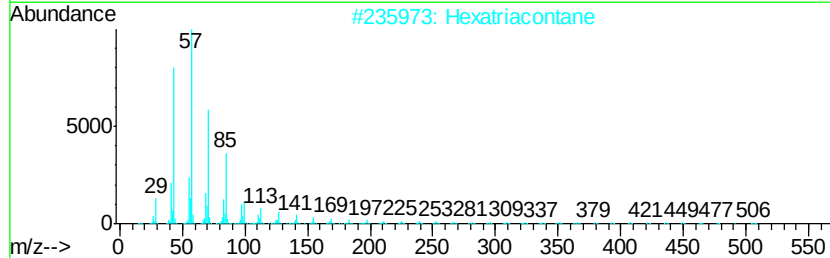
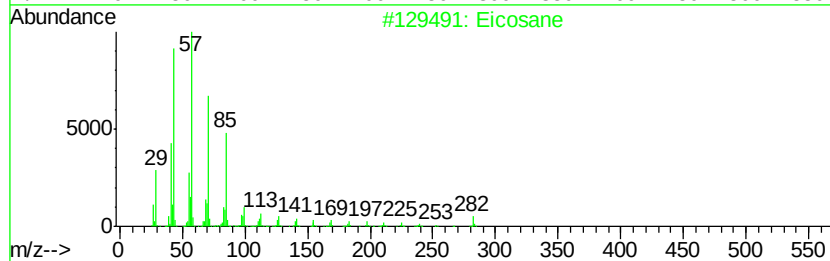
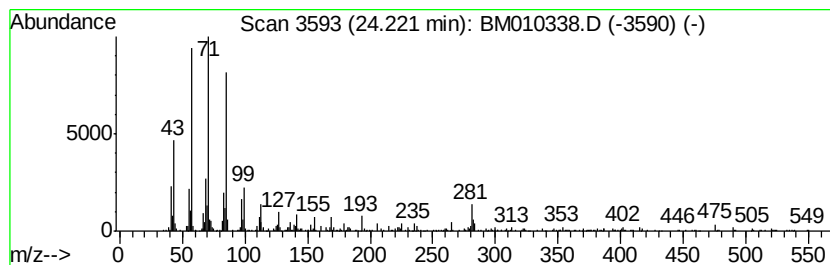
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Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.22	3.63 ng/ul	1171210	Perylene-d12	23.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	93
2		Hexatriacontane	507	C36H74	000630-06-8	91
3		Eicosane	282	C20H42	000112-95-8	91
4		Tetracosane	338	C24H50	000646-31-1	83
5		Hexacosane	366	C26H54	000630-01-3	83



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TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
unknown-01	17.02	2.1	ng/ul	466023	4	17.30	4419560	20.0
Tridecanoic acid	18.15	4.5	ng/ul	983558	4	17.30	4419560	20.0
Octadecanoic acid	19.42	2.0	ng/ul	649578	5	21.46	6450200	20.0
Benzenamine, 4-oc...	22.04	9.8	ng/ul	3175290	5	21.46	6450200	20.0
(DEL) Alkane: Str...	24.22	3.6	ng/ul	1171210	6	23.82	6448750	20.0