

Data Path : V:\HPCHEM1\BNA M\DATA\BM070916\
 Data File : BM006374.D
 Acq On : 09 Jul 2016 12:27
 Operator : UM/SJ
 Sample : H3861-18
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BDJ16

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-BM070216.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	6.810	709	718	728	rBV	481592	795604	25.57%	2.077%
2	6.969	739	745	754	rBV	345471	545690	17.54%	1.424%
3	7.163	772	778	789	rBV	475614	775801	24.94%	2.025%
4	7.628	850	857	866	rBV	481804	807005	25.94%	2.106%
5	8.340	972	978	991	rVB	527624	867825	27.90%	2.265%
6	8.787	1046	1054	1070	rVB	450814	793734	25.51%	2.072%
7	9.498	1168	1175	1185	rBV	386425	682513	21.94%	1.782%
8	10.040	1260	1267	1281	rBV	519999	936437	30.10%	2.444%
9	10.410	1323	1330	1344	rBV	638754	1112046	35.75%	2.903%
10	10.551	1346	1354	1368	rVV	469208	901567	28.98%	2.353%
11	13.692	1881	1888	1893	rBV	983954	1434277	46.10%	3.744%
12	13.739	1893	1896	1909	rVB	348449	500479	16.09%	1.306%
13	13.975	1928	1936	1947	rBV	1052482	1714555	55.11%	4.475%
14	14.281	1982	1988	1996	rBV2	894079	1446304	46.49%	3.775%
15	14.498	2019	2025	2038	rBV	447680	814134	26.17%	2.125%
16	14.992	2105	2109	2116	rBV4	25096	44591	1.43%	0.116%
17	15.280	2151	2158	2165	rBV	1364822	2050040	65.90%	5.351%
18	15.410	2174	2180	2192	rBV	435313	649987	20.89%	1.697%
19	16.010	2277	2282	2290	rBV3	27445	52728	1.69%	0.138%
20	16.580	2374	2379	2382	rBV4	26690	40202	1.29%	0.105%
21	17.033	2450	2456	2461	rBV	1219646	1858807	59.75%	4.852%
22	17.074	2461	2463	2467	rVV	129634	157421	5.06%	0.411%
23	17.133	2467	2473	2484	rVB2	1458777	2463048	79.17%	6.429%
24	17.657	2553	2562	2575	rBV	194867	346246	11.13%	0.904%
25	17.910	2595	2605	2608	rBV2	40337	78797	2.53%	0.206%
26	17.957	2609	2613	2617	rVB2	32920	40200	1.29%	0.105%
27	18.004	2617	2621	2625	rBV	160769	227780	7.32%	0.595%
28	18.104	2632	2638	2642	rBV2	79216	145490	4.68%	0.380%
29	18.416	2687	2691	2695	rVB	41539	56424	1.81%	0.147%
30	18.816	2751	2759	2767	rBV7	60089	205876	6.62%	0.537%
31	19.098	2799	2807	2814	rVB	606498	864207	27.78%	2.256%
32	19.163	2814	2818	2822	rBV4	22485	37621	1.21%	0.098%
33	19.251	2829	2833	2839	rVB	77988	97820	3.14%	0.255%
34	19.345	2842	2849	2851	rBV2	20997	48554	1.56%	0.127%

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35	19.374	2851	2854	2858	rVB3	29397	36931	1.19%	0.096%
36	19.433	2858	2864	2868	rBV	2020906	3110905	100.00%	8.120%
37	19.539	2878	2882	2889	rVB3	34257	60070	1.93%	0.157%
38	19.645	2896	2900	2902	rBV	32462	44685	1.44%	0.117%
39	19.674	2902	2905	2915	rVB2	58653	97323	3.13%	0.254%
40	19.792	2919	2925	2932	rBV5	51218	128651	4.14%	0.336%
41	19.927	2945	2948	2949	rBV3	31264	34134	1.10%	0.089%
42	19.963	2950	2954	2960	rVB	178364	254450	8.18%	0.664%
43	20.063	2967	2971	2976	rVB	170290	209182	6.72%	0.546%
44	20.121	2977	2981	2985	rVB3	67346	92248	2.97%	0.241%
45	20.257	3001	3004	3008	rBV	33728	45232	1.45%	0.118%
46	20.310	3009	3013	3017	rVV2	48325	71310	2.29%	0.186%
47	20.427	3030	3033	3038	rVB6	25188	38169	1.23%	0.100%
48	20.674	3072	3075	3079	rBV3	24794	41590	1.34%	0.109%
49	20.880	3107	3110	3113	rBV	53431	64457	2.07%	0.168%
50	20.915	3113	3116	3119	rVV2	65136	71702	2.30%	0.187%
51	20.951	3119	3122	3128	rVV4	118501	190897	6.14%	0.498%
52	21.233	3163	3170	3174	rBV2	1785826	2948259	94.77%	7.696%
53	21.268	3174	3176	3184	rVB	415256	469221	15.08%	1.225%
54	21.386	3193	3196	3197	rBV2	88822	92443	2.97%	0.241%
55	22.268	3343	3346	3350	rBV	82555	104289	3.35%	0.272%
56	22.780	3427	3433	3438	rBV2	306468	767090	24.66%	2.002%
57	22.951	3458	3462	3467	rVB	75394	116567	3.75%	0.304%
58	23.251	3508	3513	3515	rBV	167805	264375	8.50%	0.690%
59	23.303	3516	3522	3527	rBV2	1343602	2585620	83.11%	6.749%
60	23.439	3538	3545	3552	rBV	1131440	2245037	72.17%	5.860%
61	23.951	3628	3632	3642	rVB2	131136	269780	8.67%	0.704%
62	24.068	3647	3652	3661	rVB5	115228	262531	8.44%	0.685%

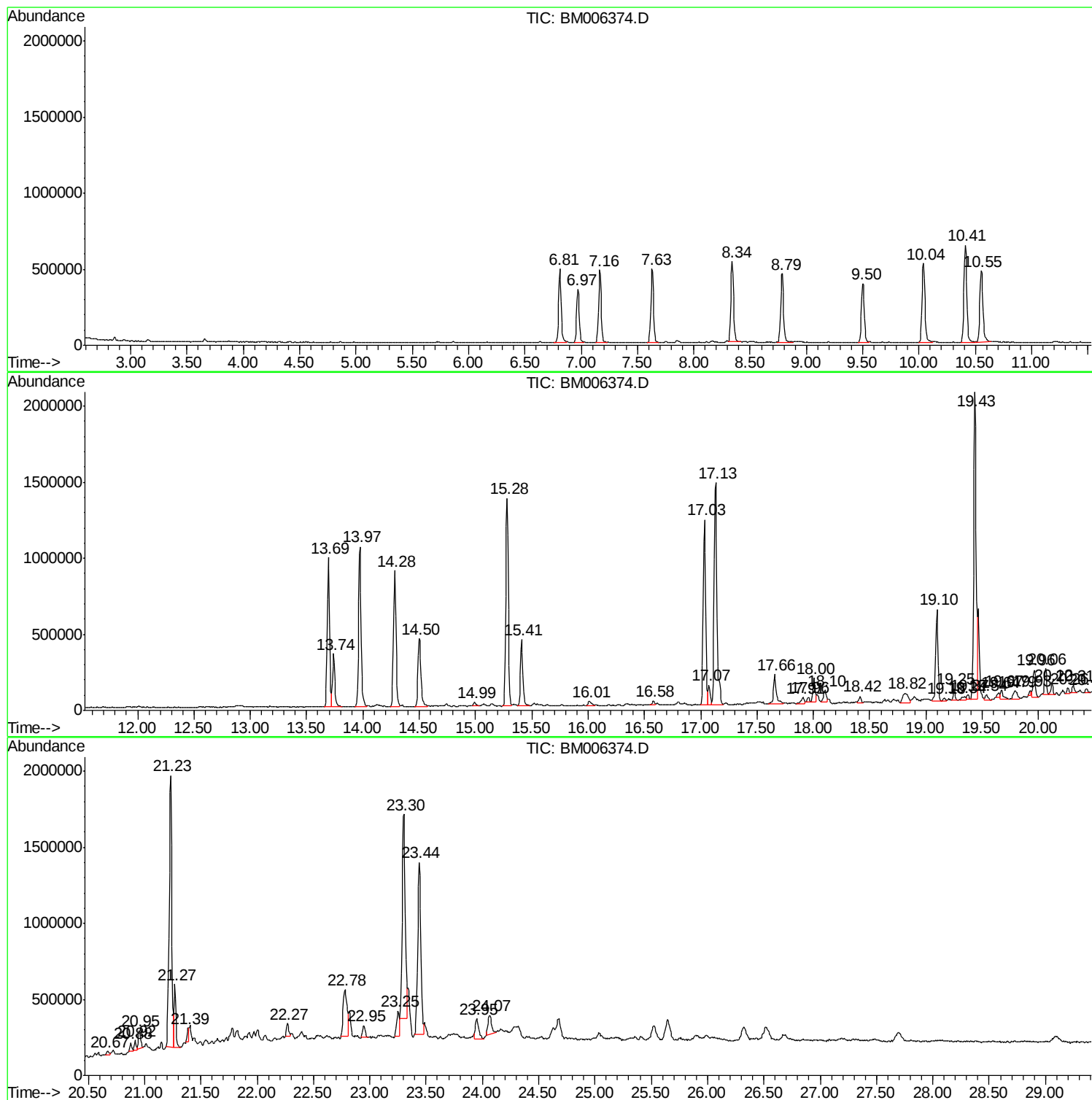
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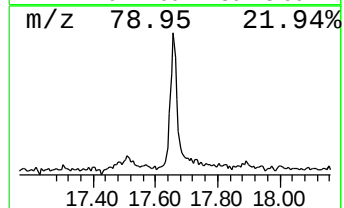
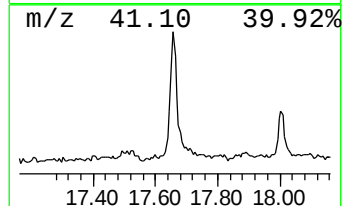
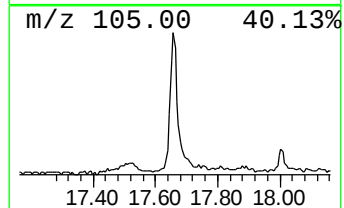
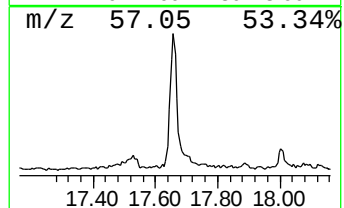
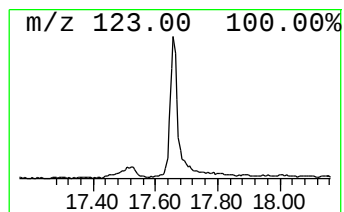
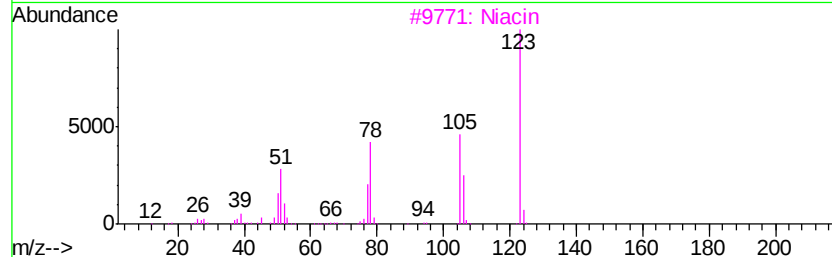
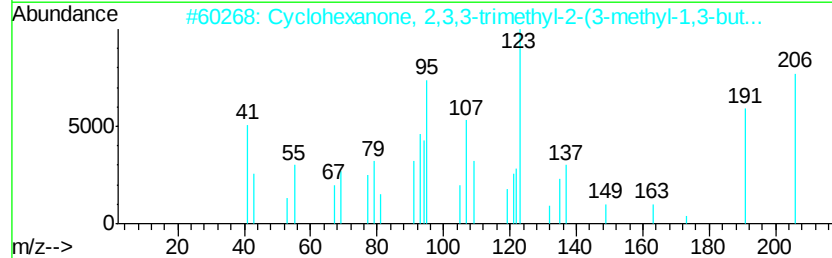
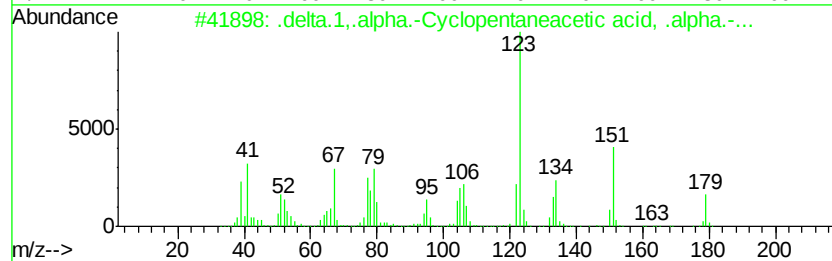
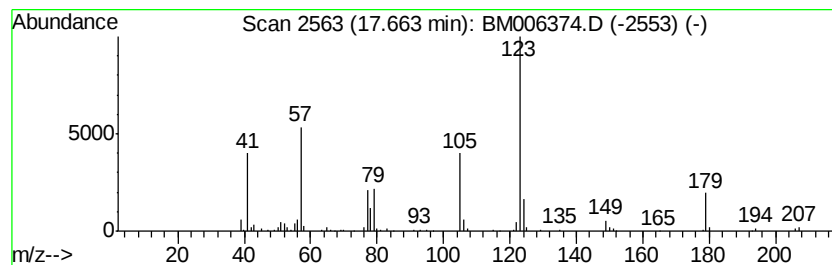
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM070216.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 unknown-01 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.		
17.66	3.73 ng/ul	346246	Phenanthrene-d10	17.03		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	.	delta.1,.alpha.-Cvclopentaneace...	179	C10H13N02	005407-83-0	39
2		Cyclohexanone, 2,3,3-trimethyl-2...	206	C14H22O	069296-91-9	38
3		Niacin	123	C6H5N02	000059-67-6	33
4		Phenol, 2-amino-5-methyl-	123	C7H9NO	002835-98-5	33
5		tert-Butyl benzoate	178	C11H14O2	000774-65-2	25



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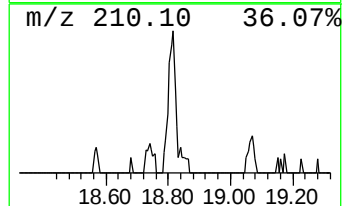
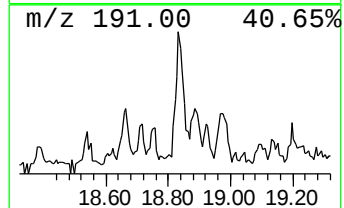
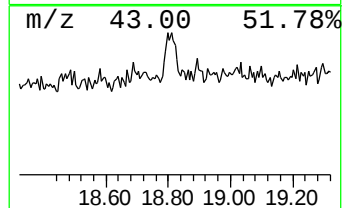
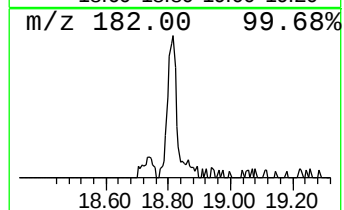
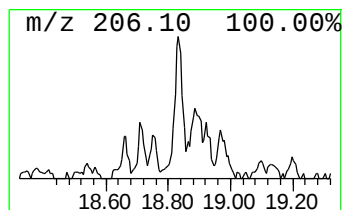
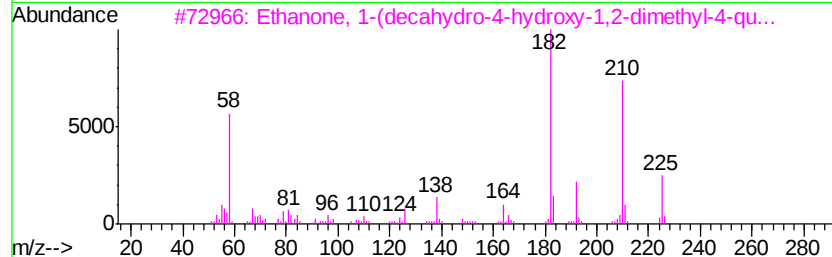
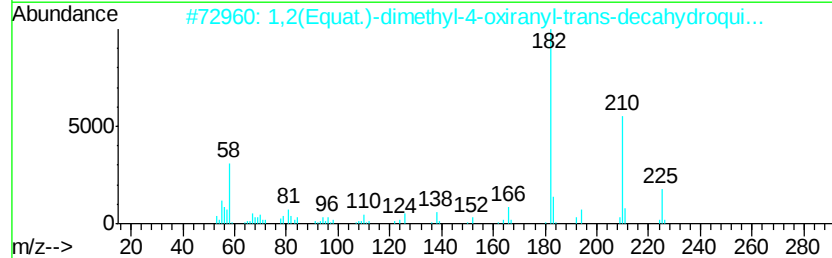
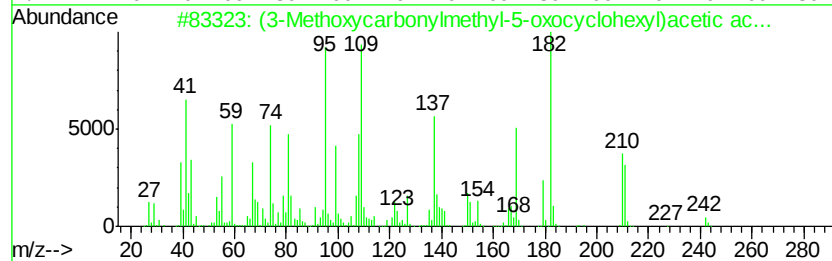
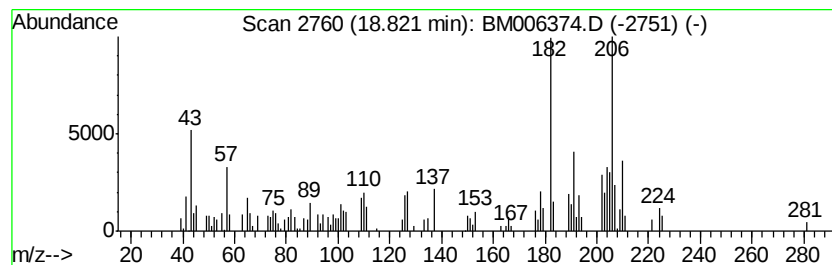
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Quant Title : SVOA CALIBRATION

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

Peak Number 2 unknown-02 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.82	2.22 ng/ul	205876	Phenanthrene-d10	17.03
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		(3-Methoxycarbonylmethyl-5-oxocyclohexyl)acetic acid	242 C12H18O5	093241-03-3 43
2		1,2(Equat.)-dimethyl-4-oxiranyl-trans-decahydroquinoline	225 C13H23NO2	1000280-73-2 35
3		Ethanone, 1-(decahydro-4-hydroxy-1,2-dimethyl-4-quinolyl)-	225 C13H23NO2	007220-15-7 32
4		7-Phosphabicyclo[2.2.1]hept-2-en-7-ylidene-1,2-dimethyl-4-quinolyl-	182 C11H19P	1000151-83-5 27
5		Ethanedial, 2-(3-fluoroanilino)-	182 C8H7FN2O2	000350-78-7 27



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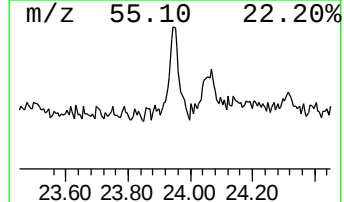
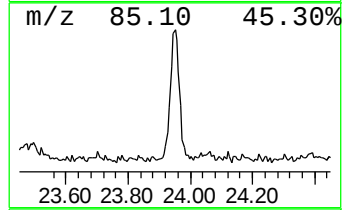
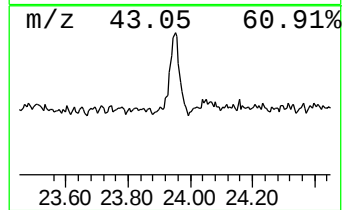
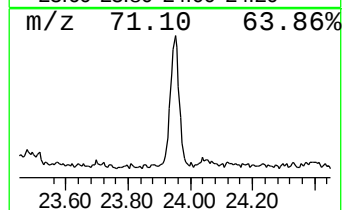
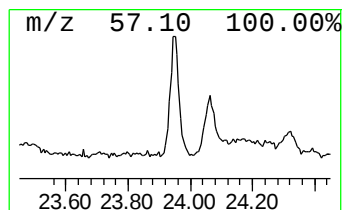
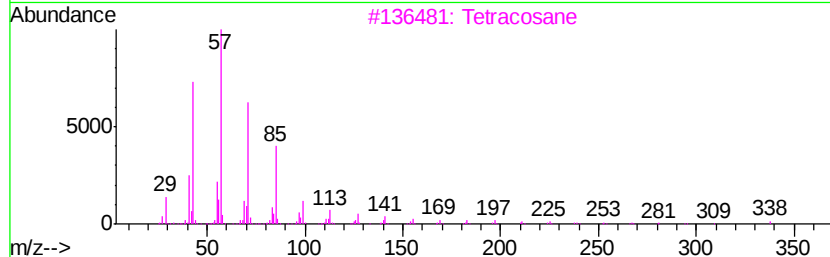
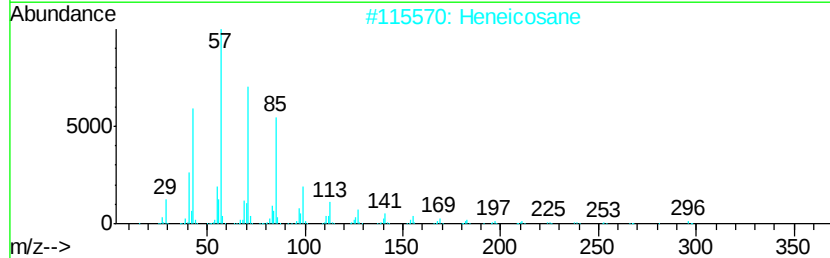
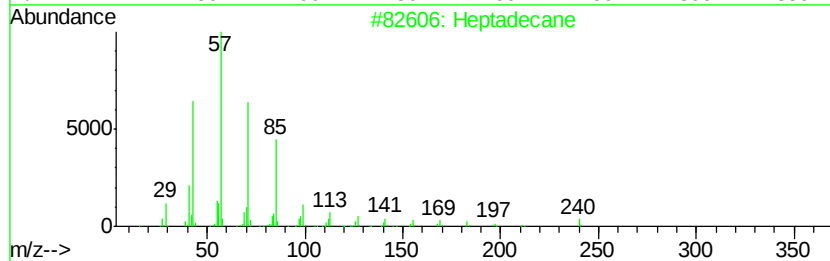
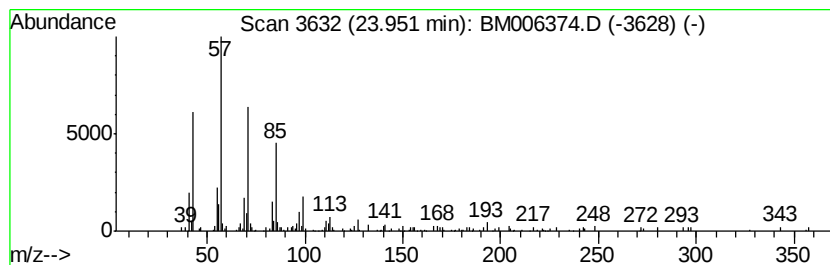
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.95	2.40 ng/ul	269780	Perylene-d12	23.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane	240	C17H36	000629-78-7	91
2		Heneicosane	296	C21H44	000629-94-7	90
3		Tetracosane	338	C24H50	000646-31-1	87
4		Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	86
5		Heneicosane, 11-pentyl-	366	C26H54	014739-72-1	86



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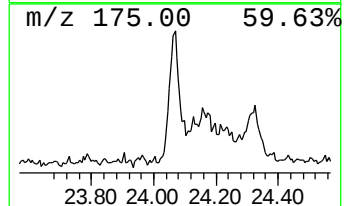
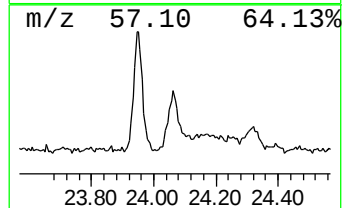
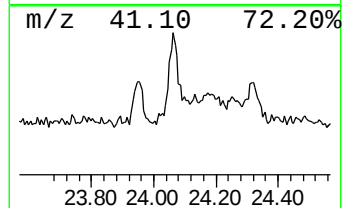
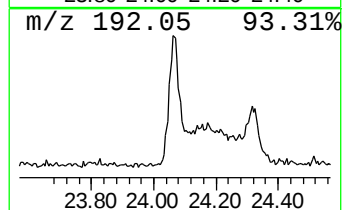
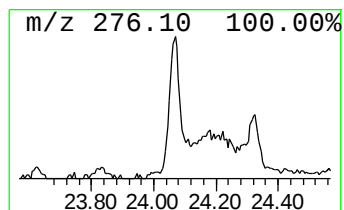
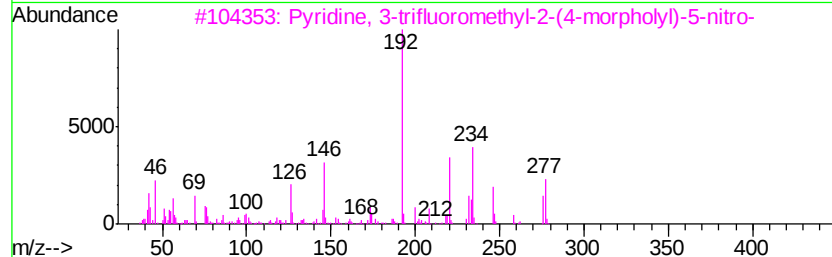
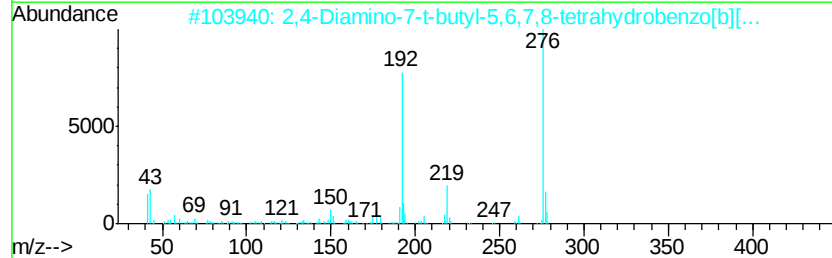
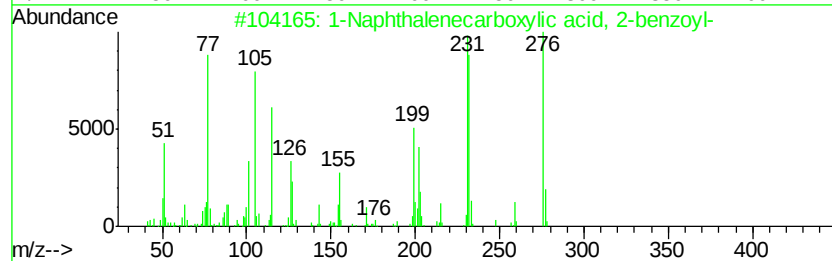
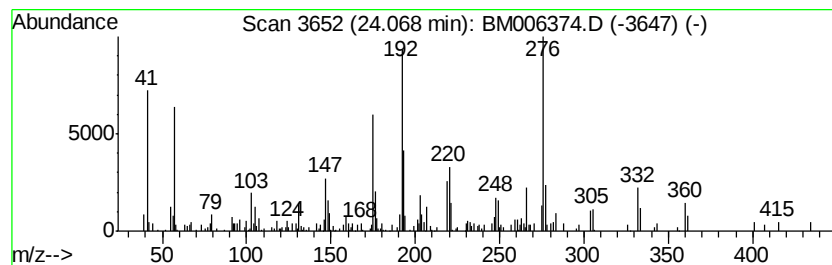
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Peak Number 4 1-Naphthalenecarboxylic aci... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.07	2.34 ng/ul	262531	Perylene-d12	23.44

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Naphthalenecarboxylic acid, 2-...	276	C18H12O3	038119-11-8	92	
2	2,4-Diamino-7-t-butyl-5,6,7,8-te...	276	C14H20N4S	049620-43-1	53	
3	Pvridine, 3-trifluoromethyl-2-(4...	277	C10H10F3N3O3	288247-15-4	30	
4	(2-Benzothiazolyl)-guanidine	192	C8H8N4S	002582-07-2	25	
5	Benzo[a]phenanthridin-4(3H)-one, ...	369	C25H23NO2	314047-50-2	22	



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
unknown-01	17.66	3.7	ng/ul	346246	4	17.03	1858810	20.0
unknown-02	18.82	2.2	ng/ul	205876	4	17.03	1858810	20.0
(DEL) Alkane: Str...	23.95	2.4	ng/ul	269780	6	23.44	2245040	20.0
1-Naphthalenecarb...	24.07	2.3	ng/ul	262531	6	23.44	2245040	20.0