

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081916\
 Data File : BM007232.D
 Acq On : 19 Aug 2016 12:05
 Operator : UM/SJ
 Sample : H4436-19
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA216

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-BM081116.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	3.022	71	74	80	rVB	38380	49117	1.13%	0.099%
2	6.969	738	745	755	rBV	490085	790012	18.22%	1.590%
3	7.140	768	774	784	rVB	347787	564172	13.01%	1.135%
4	7.334	801	807	818	rBV	505578	833042	19.22%	1.676%
5	7.804	880	887	894	rBV	968085	1583685	36.53%	3.186%
6	8.498	996	1005	1020	rBV	610208	1012499	23.36%	2.037%
7	8.957	1076	1083	1095	rBV	431980	733542	16.92%	1.476%
8	9.675	1197	1205	1217	rBV	328759	563077	12.99%	1.133%
9	10.210	1288	1296	1307	rBV	601763	1029247	23.74%	2.071%
10	10.586	1352	1360	1370	rBV	1286836	2146696	49.52%	4.319%
11	10.722	1377	1383	1400	rBV	380726	696530	16.07%	1.401%
12	13.327	1817	1826	1835	rBV5	37572	87582	2.02%	0.176%
13	13.839	1907	1913	1918	rBV	1030158	1464757	33.79%	2.947%
14	13.886	1918	1921	1931	rVB	426768	584081	13.47%	1.175%
15	14.127	1955	1962	1970	rVB	1142982	1754843	40.48%	3.531%
16	14.433	2007	2014	2022	rBV2	1858000	2925226	67.48%	5.886%
17	14.633	2043	2048	2065	rBV	342533	594311	13.71%	1.196%
18	15.427	2176	2183	2197	rBV	1579762	2286584	52.75%	4.601%
19	15.545	2198	2203	2213	rVV	190529	293823	6.78%	0.591%
20	16.145	2300	2305	2313	rBV2	40769	79770	1.84%	0.160%
21	16.880	2424	2430	2435	rBV	239725	334577	7.72%	0.673%
22	16.939	2436	2440	2443	rVV2	35797	44993	1.04%	0.091%
23	17.174	2474	2480	2491	rBV2	2341591	3565056	82.24%	7.173%
24	17.274	2491	2497	2508	rVB	1775031	2552706	58.89%	5.136%
25	17.451	2523	2527	2534	rVB4	27678	50879	1.17%	0.102%
26	17.562	2539	2546	2556	rBV2	183645	373319	8.61%	0.751%
27	17.804	2582	2587	2591	rBV2	59099	83331	1.92%	0.168%
28	17.951	2607	2612	2618	rBV8	38175	71853	1.66%	0.145%
29	18.009	2618	2622	2628	rVV4	152104	260700	6.01%	0.525%
30	18.074	2628	2633	2642	rVV	561469	923540	21.30%	1.858%
31	18.139	2642	2644	2653	rVB	55090	99512	2.30%	0.200%
32	18.262	2661	2665	2670	rVV	64990	81936	1.89%	0.165%
33	18.315	2670	2674	2679	rVB	224888	302347	6.97%	0.608%
34	18.492	2700	2704	2712	rVB4	96340	154614	3.57%	0.311%

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Max Peaks: 100
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If leading or trailing edge < 100 prefer < Baseline drop else tangent >
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35	18.586	2716	2720	2726	rVV	152181	202724	4.68%	0.408%
36	18.651	2726	2731	2738	rVB	461536	603354	13.92%	1.214%
37	18.721	2739	2743	2748	rBV	53427	99265	2.29%	0.200%
38	18.939	2776	2780	2786	rBV3	74878	141837	3.27%	0.285%
39	19.003	2787	2791	2794	rVV	116959	154431	3.56%	0.311%
40	19.233	2827	2830	2832	rBV	125644	147725	3.41%	0.297%
41	19.351	2847	2850	2855	rVB2	100896	133133	3.07%	0.268%
42	19.568	2881	2887	2894	rBV	2174347	3158624	72.87%	6.355%
43	19.733	2910	2915	2922	rBV	2936448	3532602	81.49%	7.108%
44	20.086	2971	2975	2982	rBV2	641308	852728	19.67%	1.716%
45	21.074	3140	3143	3150	rVB	289442	377775	8.71%	0.760%
46	21.356	3186	3191	3197	rBV	3152863	4334872	100.00%	8.722%
47	23.491	3548	3554	3562	rBV2	1434774	2945805	67.96%	5.927%
48	23.633	3573	3578	3585	rVB	2109384	4044293	93.30%	8.137%

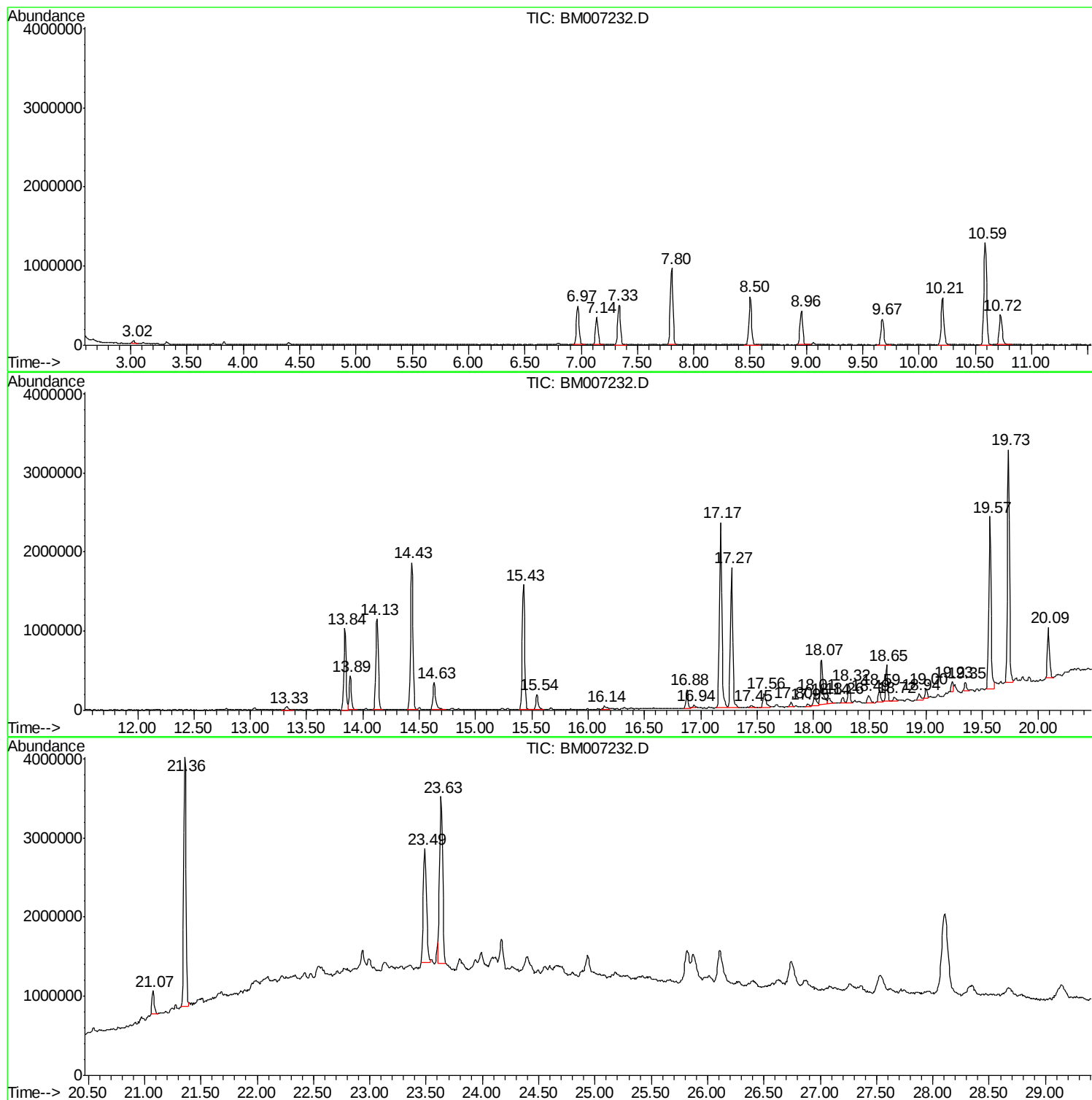
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM081116.M
Quant Title : SVOA CALIBRATION

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



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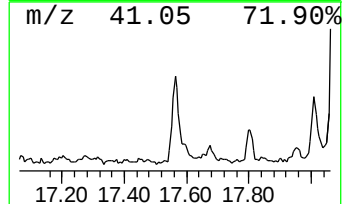
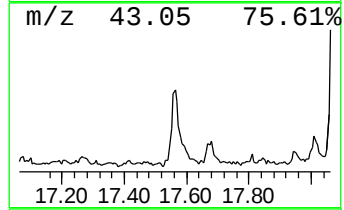
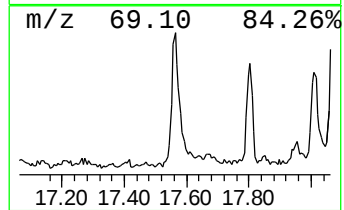
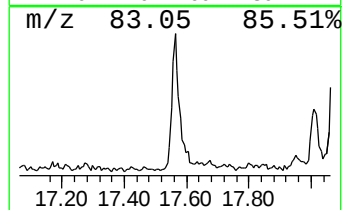
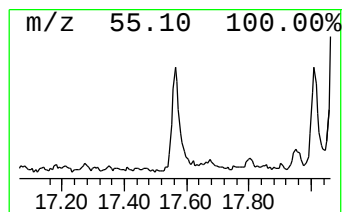
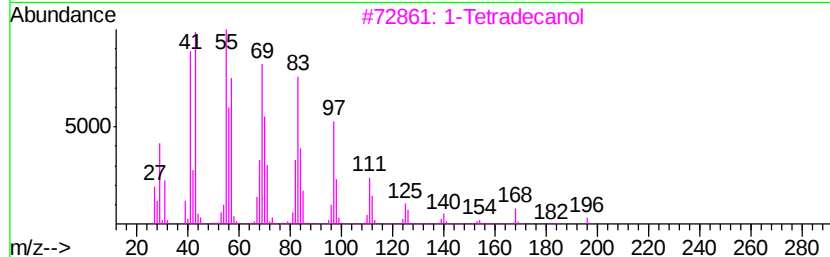
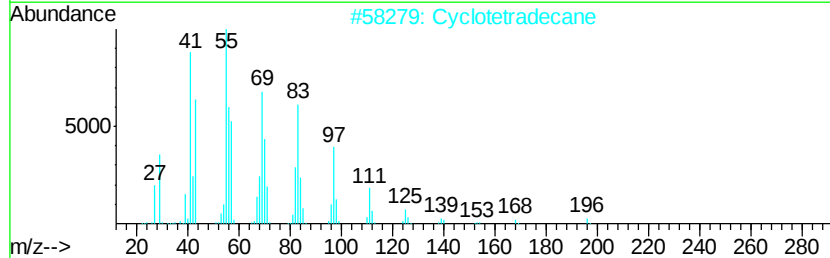
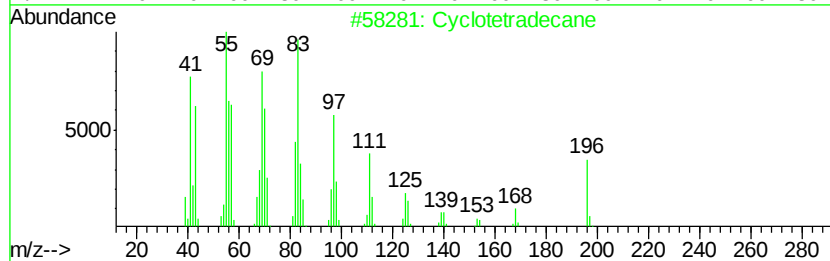
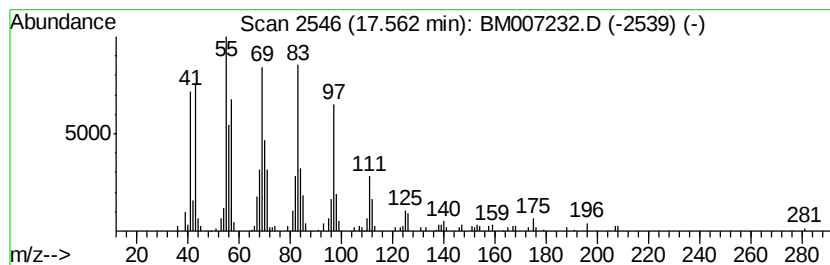
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Quant Title : SVOA CALIBRATION

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

Peak Number 1 (DEL) Alkane: Cyclic17.56 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD		R.T.		
17.56	2.09 ng/ul	373319	Phenanthrene-d10		17.17		
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclotetradecane	196	C14H28	000295-17-0	95
2			Cyclotetradecane	196	C14H28	000295-17-0	95
3			1-Tetradecanol	214	C14H30O	000112-72-1	94
4			1-Tetradecene	196	C14H28	001120-36-1	93
5			Tetradecanethiol	230	C14H30S	002079-95-0	91



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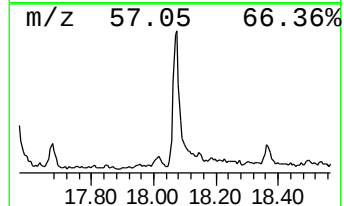
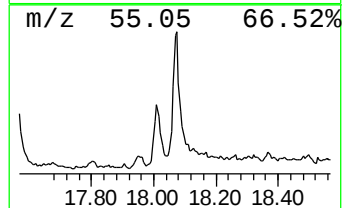
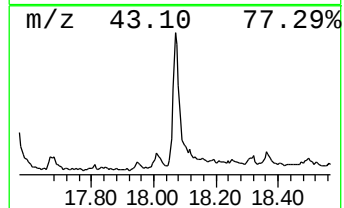
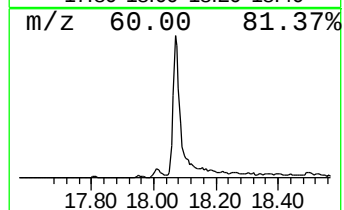
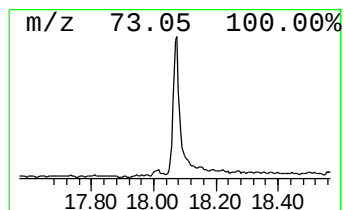
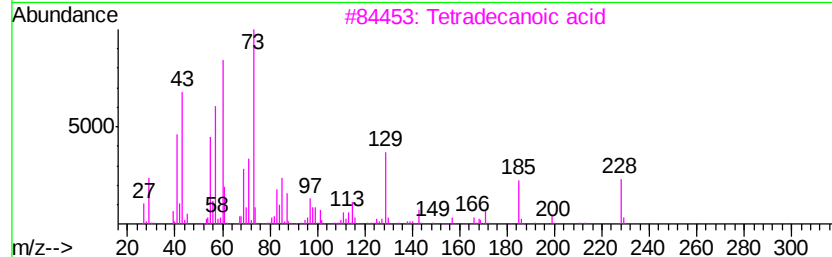
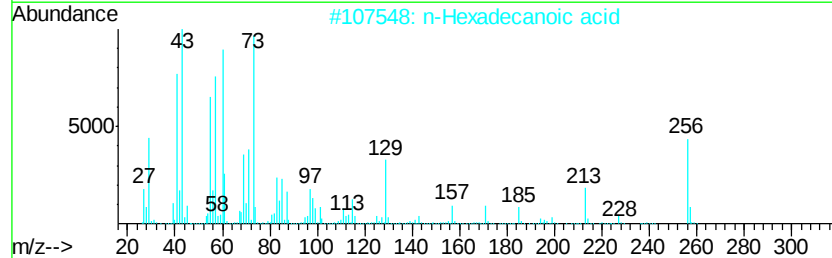
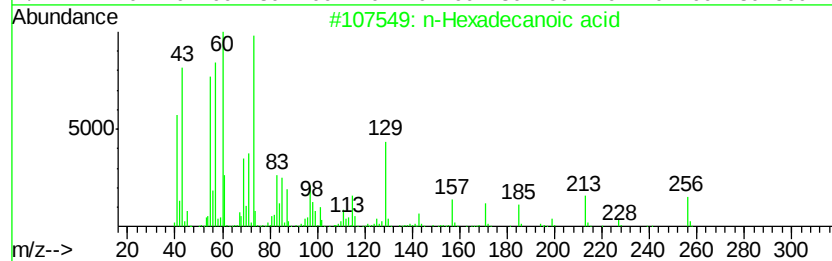
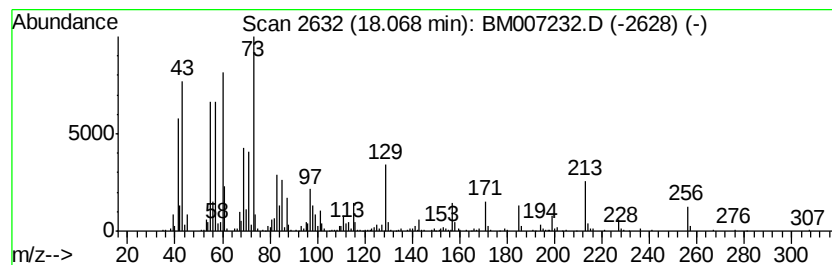
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Peak Number 2 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.07	5.18 ng/ul	923540	Phenanthrene-d10	17.17

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
3			Tetradecanoic acid	228	C14H28O2	000544-63-8	94
4			Octadecanoic acid	284	C18H36O2	000057-11-4	93
5			Tridecanoic acid	214	C13H26O2	000638-53-9	91



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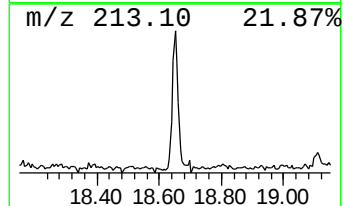
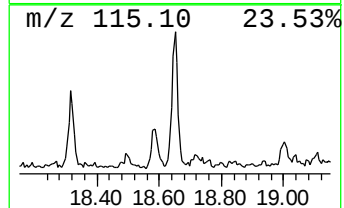
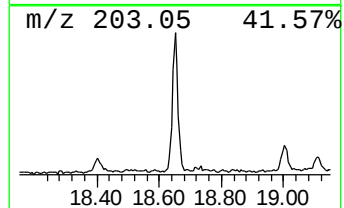
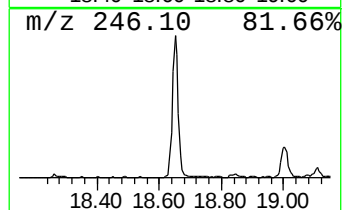
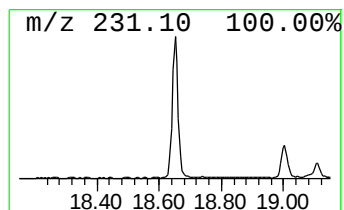
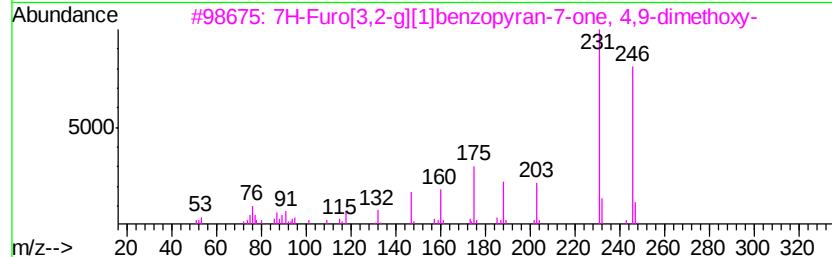
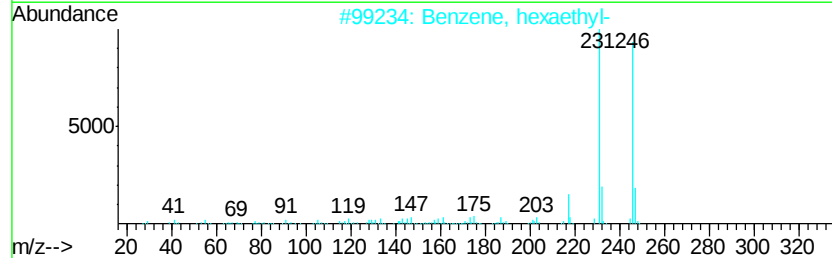
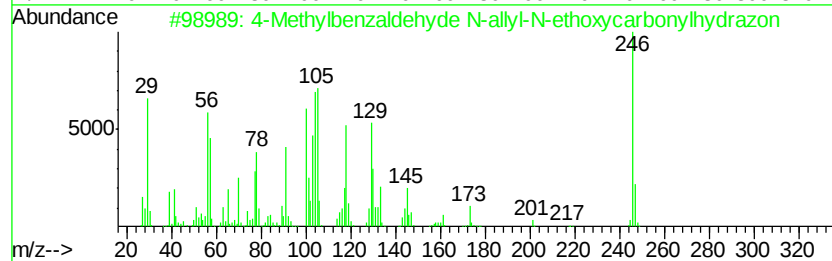
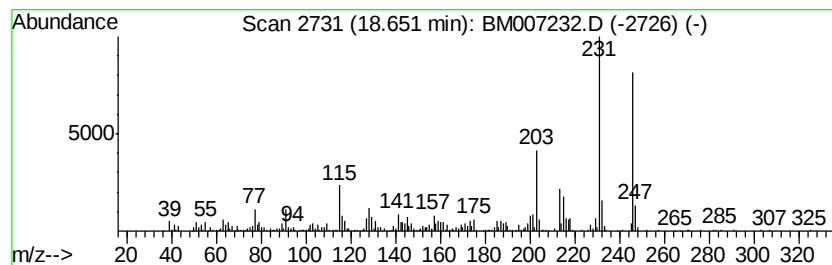
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 3 4-Methylbenzaldehyde N-allyl... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.65	3.38 ng/ul	603354	Phenanthrene-d10	17.17

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4-Methylbenzaldehyde N-allyl-N-e...	246	C14H18N2O2	1000193-16-8	70
2		Benzene, hexaethyl-	246	C18H30	000604-88-6	70
3		7H-Furo[3,2-g][1]benzopyran-7-on...	246	C13H10O5	000482-27-9	64
4		Pimpinellin	246	C13H10O5	000131-12-4	62
5		7H-Furo[3,2-g][1]benzopyran-7-on...	246	C13H10O5	000482-27-9	58



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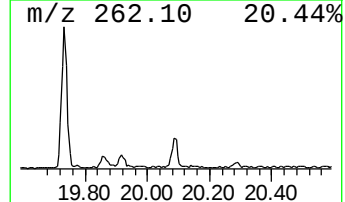
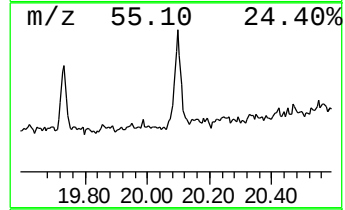
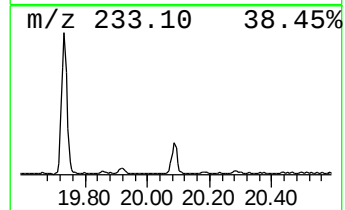
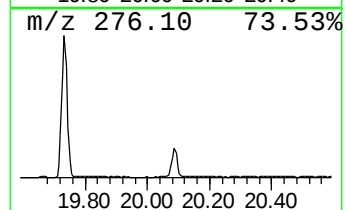
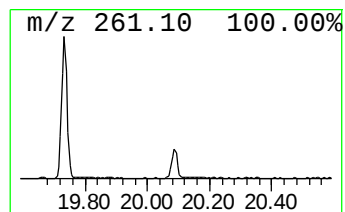
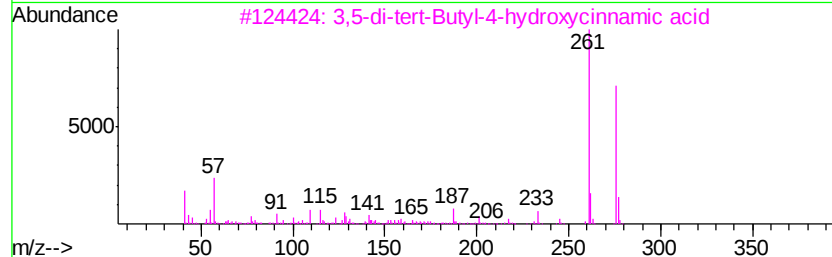
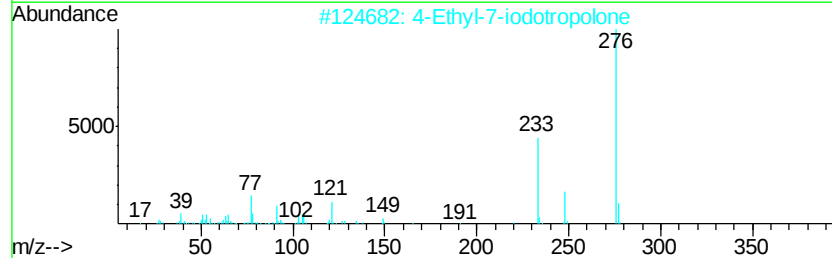
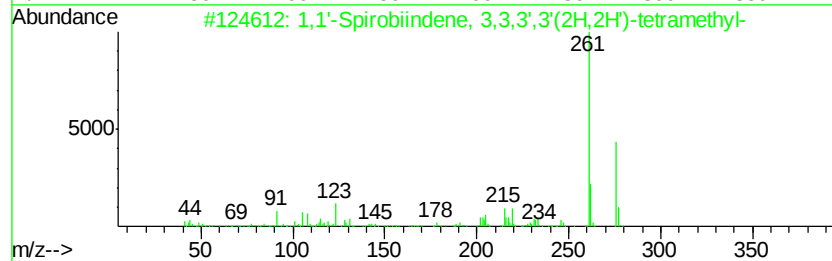
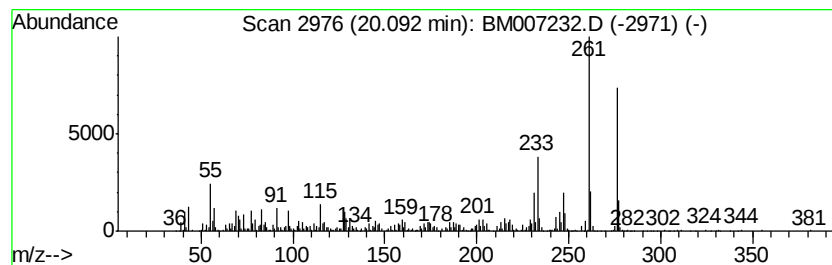
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Peak Number 5 1,1'-Spirobiindene, 3,3,3',... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.09	3.93 ng/ul	852728	Chrysene-d12	21.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,1'-Spirobiindene, 3,3,3',3'(2H...	276	C21H24	058343-29-6	64
2		4-Ethyl-7-iodotropolone	276	C9H9IO2	004508-96-7	64
3		3,5-di-tert-Butyl-4-hydroxycinna...	276	C17H24O3	022014-01-3	58
4		(1H)Pyrrole, 3,4-dimethyl-5-meth...	276	C15H20N2OS	1000197-22-6	55
5		5H-Furo[3,2-g][1]benzopyran-5-on...	276	C14H12O6	000668-10-0	53



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
(DEL) Alkane: Cyc...	17.56	2.1	ng/ul	373319	4	17.17	3565060	20.0
n-Hexadecanoic acid	18.07	5.2	ng/ul	923540	4	17.17	3565060	20.0
4-Methylbenzaldehy...	18.65	3.4	ng/ul	603354	4	17.17	3565060	20.0
(1H)Pyrrole, 3,4-...	19.73	16.3	ng/ul	3532600	5	21.36	4334870	20.0
1,1'-Spirobiinden...	20.09	3.9	ng/ul	852728	5	21.36	4334870	20.0