

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081216\
 Data File : BM007036.D
 Acq On : 12 Aug 2016 10:21
 Operator : UM/SJ
 Sample : H4224-11
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BDJN4

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	2.716	19	22	38	rVB4	123649	323473	2.71%	0.361%
2	2.993	64	69	72	rBV	153846	251234	2.10%	0.281%
3	3.028	72	75	82	rVV	111903	152614	1.28%	0.171%
4	3.828	206	211	218	rBV	109444	150022	1.26%	0.168%
5	6.969	738	745	755	rBV	531739	904003	7.57%	1.010%
6	7.145	768	775	782	rBV	450944	691944	5.80%	0.773%
7	7.345	802	809	817	rVB	565094	926918	7.76%	1.036%
8	7.810	880	888	896	rBV	1338266	2159275	18.09%	2.413%
9	8.504	998	1006	1014	rBV	405570	649479	5.44%	0.726%
10	8.763	1039	1050	1058	rBV	109215	195106	1.63%	0.218%
11	8.963	1077	1084	1093	rBV	559470	940469	7.88%	1.051%
12	9.545	1171	1183	1193	rBV3	39466	172559	1.45%	0.193%
13	9.681	1199	1206	1218	rVB	475314	812119	6.80%	0.908%
14	10.216	1289	1297	1307	rBV	744220	1280596	10.73%	1.431%
15	10.598	1354	1362	1372	rVV	2028525	3428120	28.72%	3.831%
16	10.728	1377	1384	1400	rVB	480718	885667	7.42%	0.990%
17	11.963	1584	1594	1599	rBV2	71922	125320	1.05%	0.140%
18	12.257	1636	1644	1652	rBV	135225	289526	2.43%	0.324%
19	12.692	1707	1718	1723	rBV8	51804	141903	1.19%	0.159%
20	12.757	1723	1729	1734	rBV2	88101	167051	1.40%	0.187%
21	13.451	1843	1847	1858	rVB	57335	144869	1.21%	0.162%
22	13.851	1907	1915	1919	rBV	1536452	2170133	18.18%	2.425%
23	13.898	1919	1923	1932	rVB	655429	899986	7.54%	1.006%
24	14.133	1957	1963	1974	rVB	1694400	2493487	20.89%	2.786%
25	14.445	2008	2016	2024	rBV2	3152565	4973965	41.67%	5.558%
26	14.627	2041	2047	2055	rBV2	644046	1105895	9.26%	1.236%
27	14.857	2080	2086	2100	rVB4	159462	356251	2.98%	0.398%
28	15.433	2177	2184	2190	rBV	2345609	3380452	28.32%	3.778%
29	15.545	2198	2203	2212	rVB	226808	343720	2.88%	0.384%
30	16.163	2303	2308	2316	rVB	94451	156026	1.31%	0.174%
31	16.327	2329	2336	2343	rBV5	71726	160798	1.35%	0.180%
32	16.592	2376	2381	2390	rBV	161112	277152	2.32%	0.310%
33	16.827	2416	2421	2429	rVB3	145153	256388	2.15%	0.287%
34	16.951	2438	2442	2448	rBV3	94510	171509	1.44%	0.192%

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35	17.186	2475	2482	2486	rVV	4388906	6393908	53.56%	7.145%
36	17.227	2486	2489	2493	rVV	514687	680989	5.70%	0.761%
37	17.280	2493	2498	2508	rVV	2496487	3690636	30.92%	4.124%
38	17.580	2541	2549	2557	rBV4	64283	165913	1.39%	0.185%
39	17.862	2593	2597	2601	rVB2	111704	135064	1.13%	0.151%
40	18.092	2625	2636	2644	rBV	3417782	5260091	44.06%	5.878%
41	18.256	2659	2664	2667	rVB2	77670	127908	1.07%	0.143%
42	18.562	2712	2716	2719	rBV	82717	125884	1.05%	0.141%
43	18.751	2745	2748	2754	rBV4	87842	140816	1.18%	0.157%
44	19.015	2790	2793	2799	rVB5	102553	127421	1.07%	0.142%
45	19.239	2826	2831	2839	rVB	1244765	1682882	14.10%	1.881%
46	19.374	2848	2854	2876	rBV	7375337	11937285	100.00%	13.340%
47	19.574	2883	2888	2892	rBV	3332727	5021961	42.07%	5.612%
48	20.098	2974	2977	2981	rVB	180387	215422	1.80%	0.241%
49	20.303	3009	3012	3016	rVB2	118055	139224	1.17%	0.156%
50	20.368	3020	3023	3026	rBV2	115787	124660	1.04%	0.139%
51	20.445	3033	3036	3040	rBV2	88500	125492	1.05%	0.140%
52	20.615	3062	3065	3070	rVB	116632	139324	1.17%	0.156%
53	21.086	3142	3145	3151	rBV4	291942	400421	3.35%	0.447%
54	21.292	3176	3180	3183	rBV	237126	293675	2.46%	0.328%
55	21.362	3186	3192	3197	rVV	5881883	8344178	69.90%	9.325%
56	21.397	3197	3198	3207	rVB	568528	618041	5.18%	0.691%
57	22.962	3458	3464	3477	rVB2	574263	1543534	12.93%	1.725%
58	23.444	3542	3546	3548	rBV	148335	225109	1.89%	0.252%
59	23.491	3549	3554	3559	rVV2	1746068	3146587	26.36%	3.516%
60	23.544	3560	3563	3571	rVB2	460643	778424	6.52%	0.870%
61	23.638	3572	3579	3587	rBV	3076803	5913568	49.54%	6.608%
62	24.209	3672	3676	3683	rVB	235306	448475	3.76%	0.501%

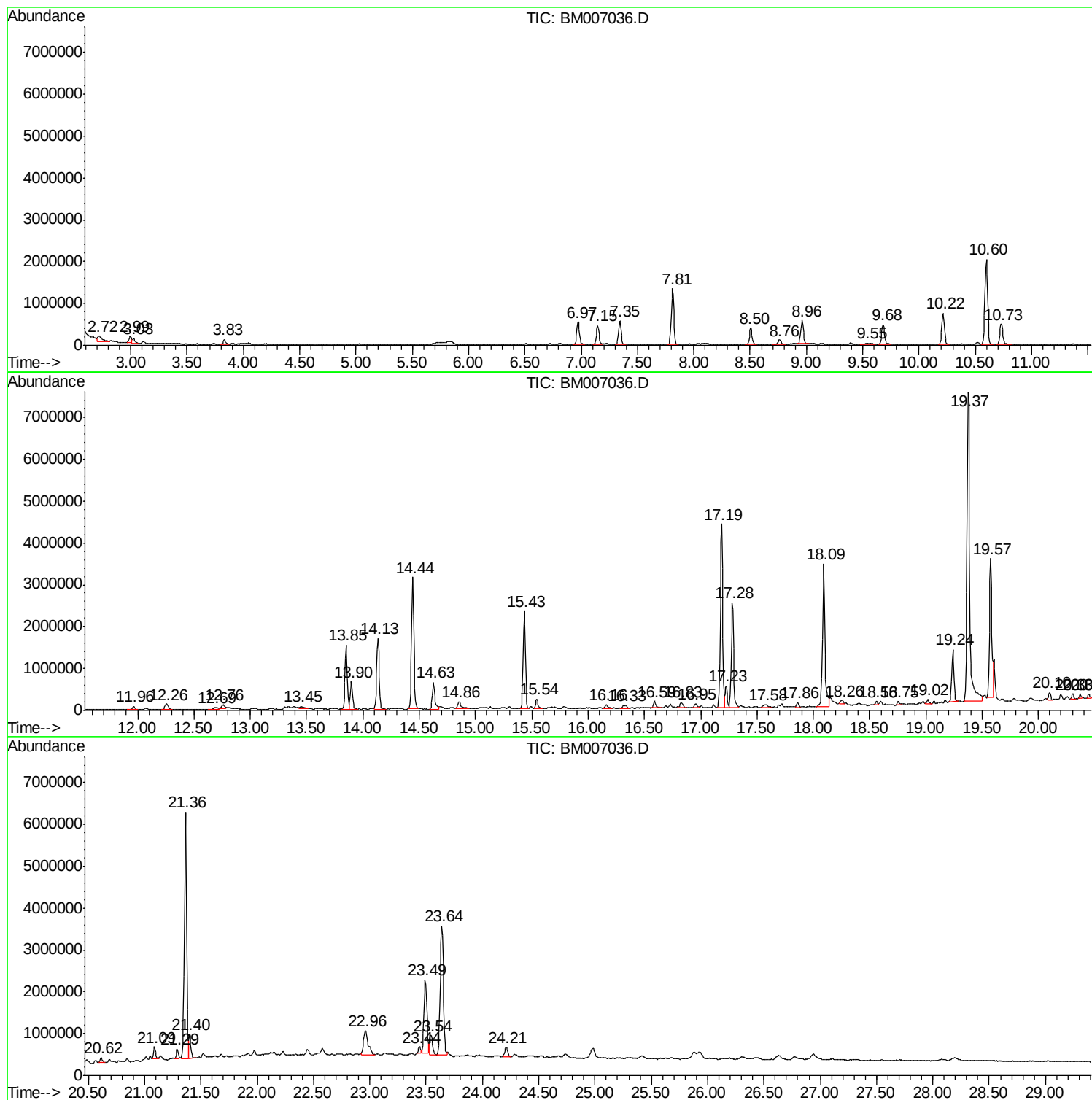
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TIC Library : C:\DATABASE\NIST11.L
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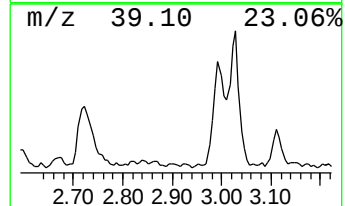
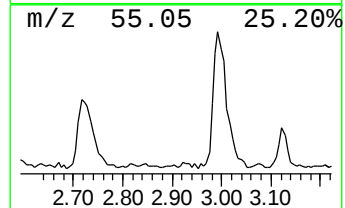
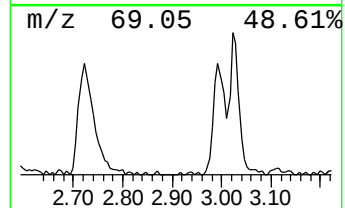
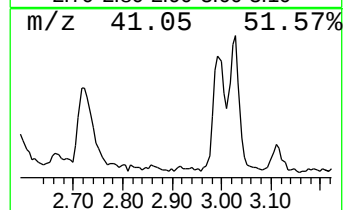
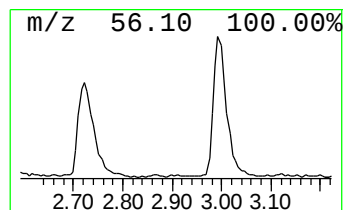
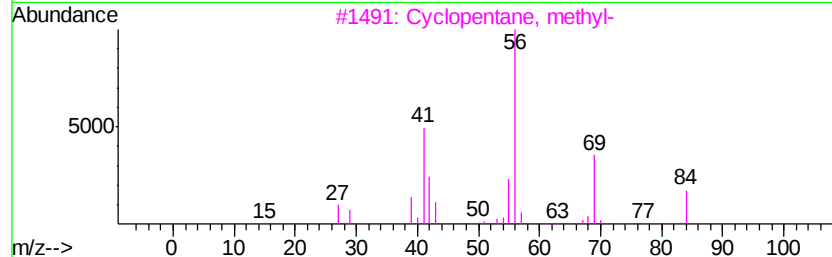
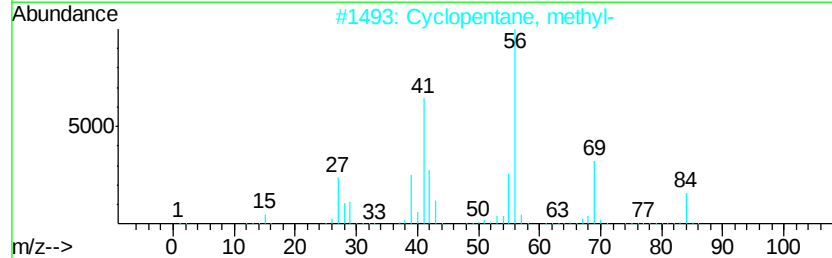
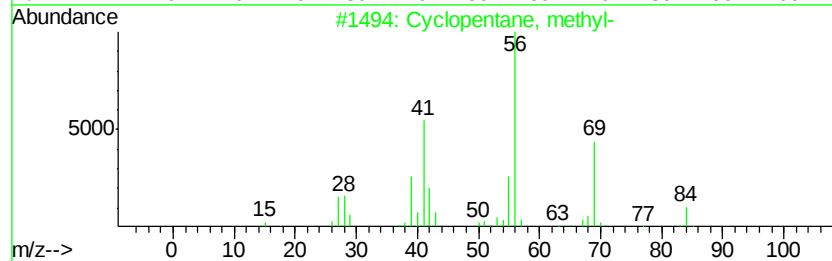
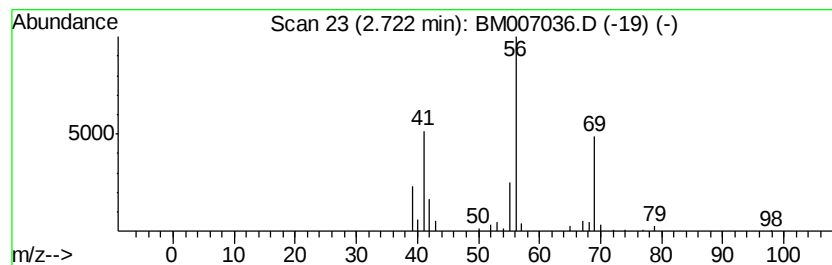
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM081116.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 (DEL) Alkane: Cyclic2.72 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.72	3.00 ng/ul	323473	1,4-Dichlorobenzene-d4	7.81

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentane, methyl-	84	C6H12	000096-37-7	90
2			Cyclopentane, methyl-	84	C6H12	000096-37-7	64
3			Cyclopentane, methyl-	84	C6H12	000096-37-7	56
4			Cyclobutane	56	C4H8	000287-23-0	52
5			Cyclobutane	56	C4H8	000287-23-0	50



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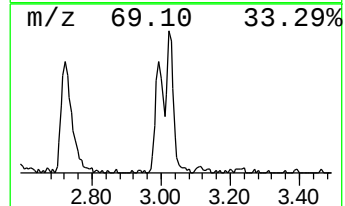
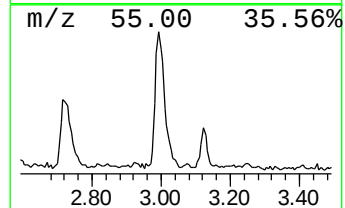
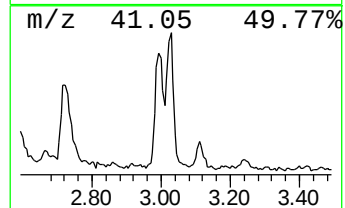
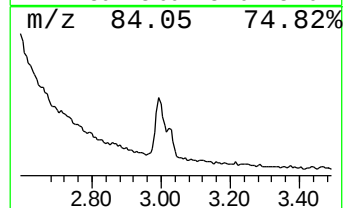
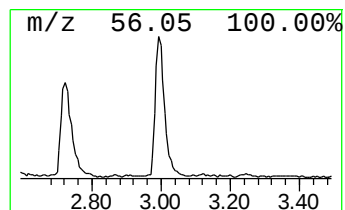
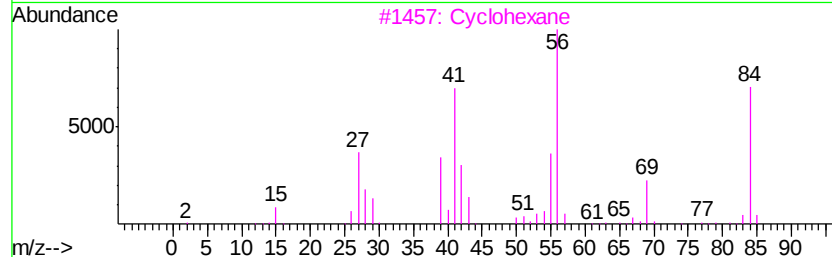
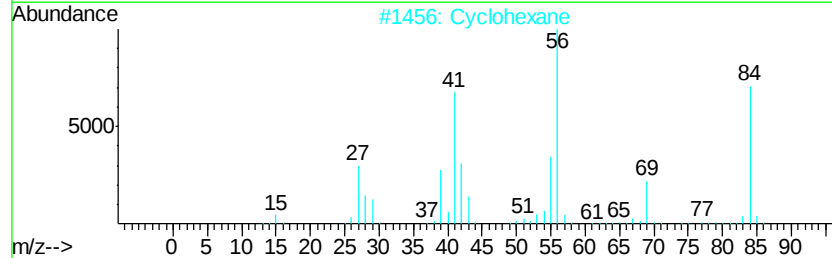
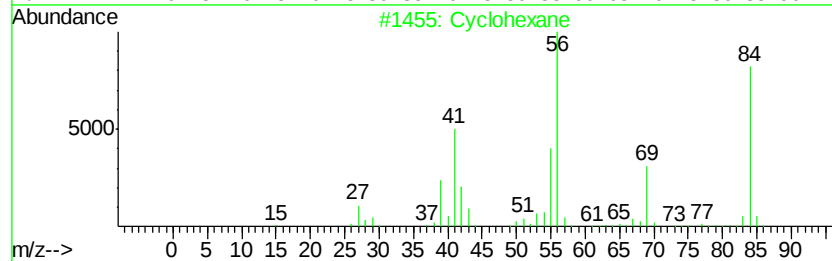
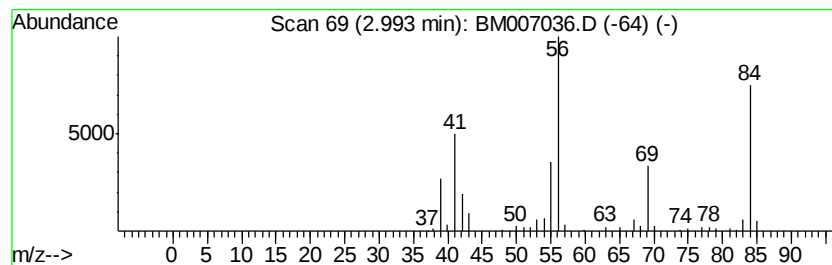
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM081116.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 (DEL) Alkane: Cyclic2.99 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.99	2.33 ng/ul	251234	1,4-Dichlorobenzene-d4	7.81

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane	84	C6H12	000110-82-7	91
2		Cyclohexane	84	C6H12	000110-82-7	90
3		Cyclohexane	84	C6H12	000110-82-7	90
4		Cyclohexane	84	C6H12	000110-82-7	86
5		Cyclohexane	84	C6H12	000110-82-7	86



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Misc :
ALS Vial : 6 Sample Multiplier: 1

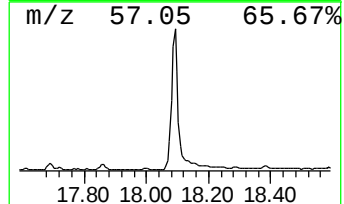
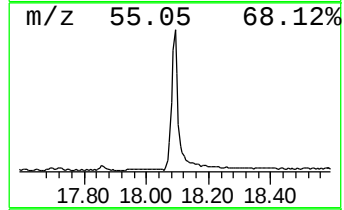
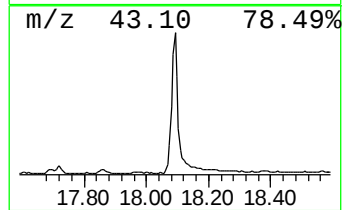
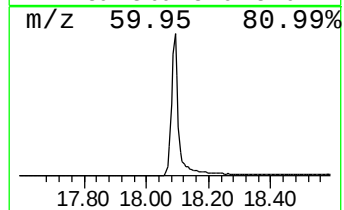
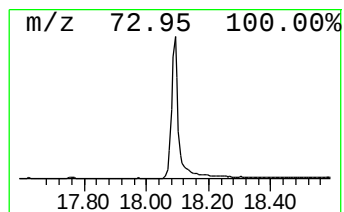
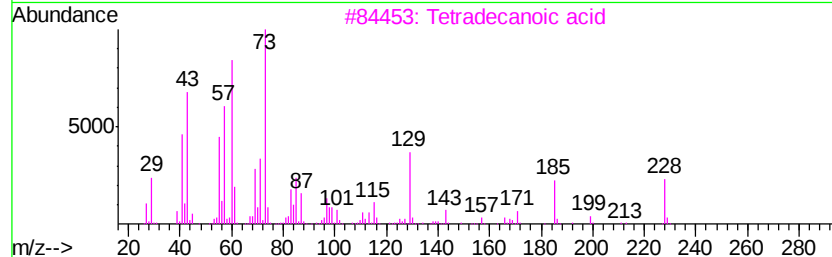
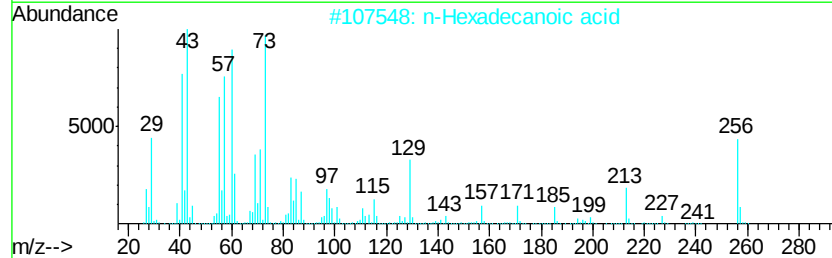
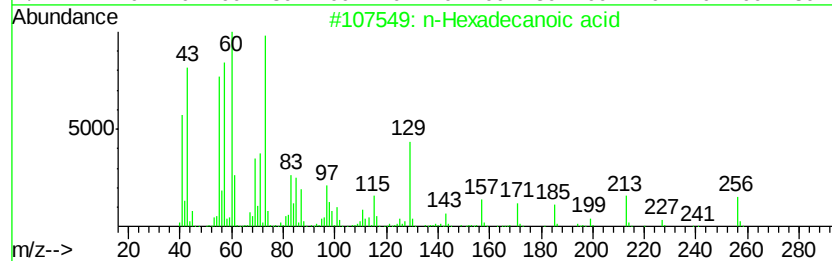
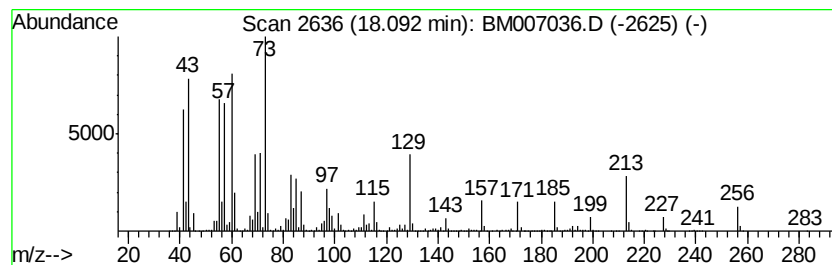
Instrument :
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.		
18.09	16.45 ng/ul	5260090	Phenanthrene-d10	17.19		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99	
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98	
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	93	
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	93	
5	Tridecanoic acid	214	C13H26O2	000638-53-9	90	



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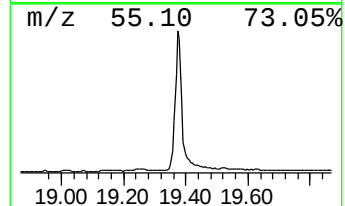
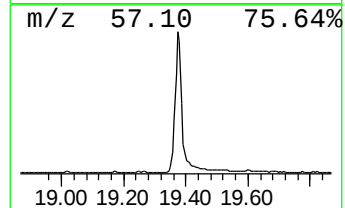
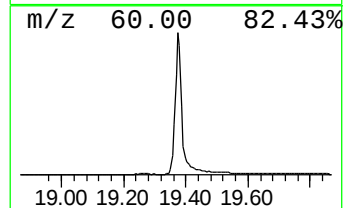
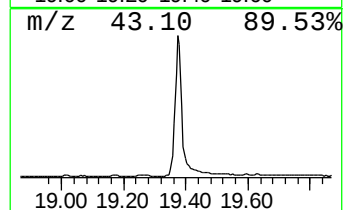
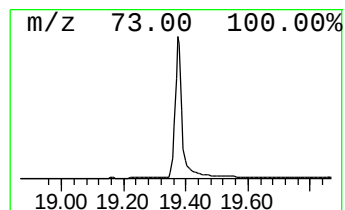
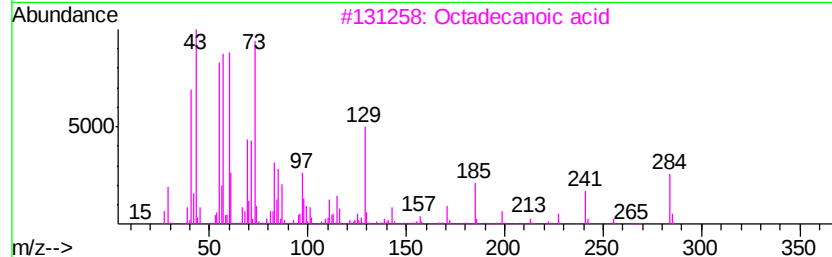
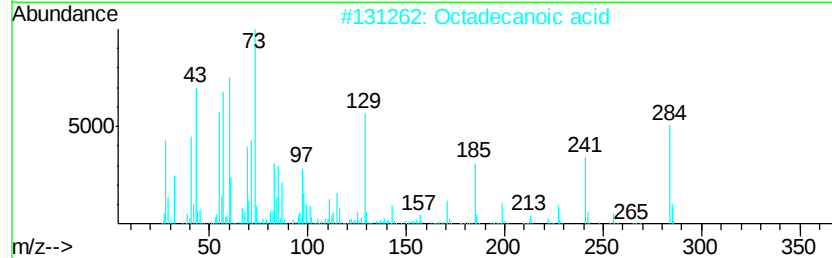
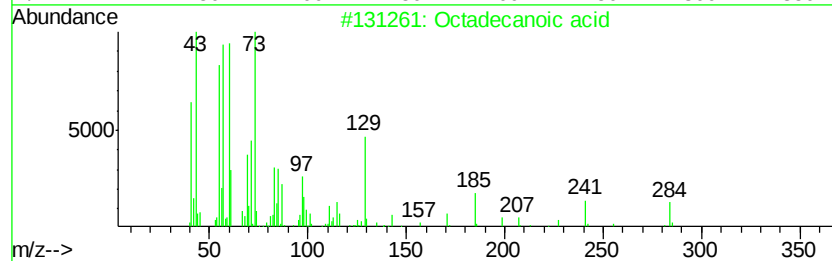
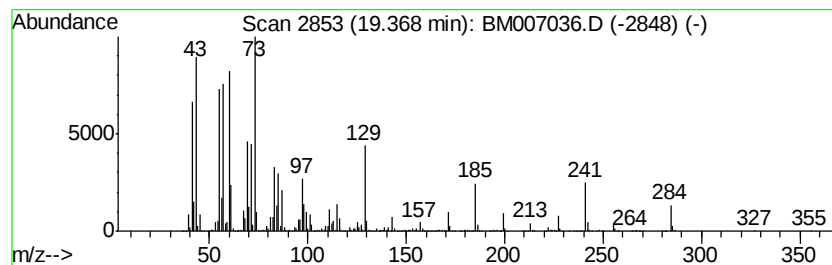
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 4 Octadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.37	28.61 ng/ul	11937300	Chrysene-d12	21.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2		Octadecanoic acid	284	C18H36O2	000057-11-4	99
3		Octadecanoic acid	284	C18H36O2	000057-11-4	99
4		Octadecanoic acid	284	C18H36O2	000057-11-4	98
5		Octadecanoic acid	284	C18H36O2	000057-11-4	94



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
(DEL) Alkane: Cyc...	2.72	3.0	ng/ul	323473	1	7.81	2159280	20.0
(DEL) Alkane: Cyc...	2.99	2.3	ng/ul	251234	1	7.81	2159280	20.0
n-Hexadecanoic acid	18.09	16.4	ng/ul	5260090	4	17.19	6393910	20.0
Octadecanoic acid	19.37	28.6	ng/ul	11937300	5	21.36	8344180	20.0