

Data Path : Z:\HPCHEM1\BNA M\DATA\BM012417\
 Data File : BM008854.D
 Acq On : 25 Jan 2017 00:40
 Operator : UM/SJ
 Sample : I1315-08
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BDN16

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-BM012317.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	2.722	18	23	30	rVB2	65277	114006	3.45%	0.481%
2	2.969	62	65	72	rVB	98102	114840	3.47%	0.484%
3	3.046	74	78	83	rBV3	31001	39088	1.18%	0.165%
4	3.875	213	219	224	rBV	30093	42767	1.29%	0.180%
5	7.081	758	764	775	rBV5	324043	579134	17.51%	2.443%
6	7.263	789	795	804	rVB	194667	310219	9.38%	1.308%
7	7.457	822	828	837	rVB2	301239	486672	14.72%	2.053%
8	7.933	902	909	915	rBV2	361785	577706	17.47%	2.437%
9	8.628	1020	1027	1035	rBV	296589	480724	14.54%	2.028%
10	9.098	1096	1107	1114	rBV	334459	543868	16.45%	2.294%
11	9.816	1223	1229	1236	rBV2	227918	365738	11.06%	1.543%
12	10.345	1312	1319	1327	rVB	351451	580228	17.55%	2.447%
13	10.739	1379	1386	1392	rBV	415887	711490	21.51%	3.001%
14	10.869	1401	1408	1416	rBV	186405	320662	9.70%	1.352%
15	13.974	1929	1936	1940	rBV	457001	610681	18.47%	2.576%
16	14.021	1940	1944	1949	rVB	168216	227589	6.88%	0.960%
17	14.262	1979	1985	1992	rVB	592831	837824	25.33%	3.534%
18	14.568	2031	2037	2043	rBV	619650	879686	26.60%	3.710%
19	14.751	2060	2068	2079	rVB	171425	264045	7.98%	1.114%
20	15.398	2173	2178	2185	rVB2	42889	54454	1.65%	0.230%
21	15.557	2199	2205	2212	rBV	708276	1056329	31.94%	4.455%
22	15.668	2217	2224	2232	rBV3	79699	127409	3.85%	0.537%
23	16.262	2320	2325	2332	rBV2	55357	93510	2.83%	0.394%
24	17.051	2454	2459	2464	rBV2	52781	69421	2.10%	0.293%
25	17.315	2497	2504	2509	rBV	771889	1084293	32.79%	4.573%
26	17.409	2514	2520	2528	rVB2	784306	1162386	35.15%	4.903%
27	17.786	2579	2584	2589	rBV	52772	63719	1.93%	0.269%
28	18.180	2646	2651	2656	rBV5	39586	53851	1.63%	0.227%
29	19.609	2889	2894	2899	rBV	3265196	3307032	100.00%	13.948%
30	19.697	2904	2909	2915	rBV	1013927	1386627	41.93%	5.848%
31	20.650	3066	3071	3076	rBV	2788251	2803239	84.77%	11.823%
32	21.168	3155	3159	3163	rBV	136554	159528	4.82%	0.673%
33	21.480	3207	3212	3218	rBV	1137713	1436387	43.43%	6.058%
34	21.556	3223	3225	3227	rBV3	34729	34896	1.06%	0.147%

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Integration Parameters: LSCINT.P

Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
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35	23.691	3581	3588	3596	rVB2	740962	1476198	44.64%	6.226%
36	23.844	3608	3614	3622	rVB	619406	1253535	37.91%	5.287%

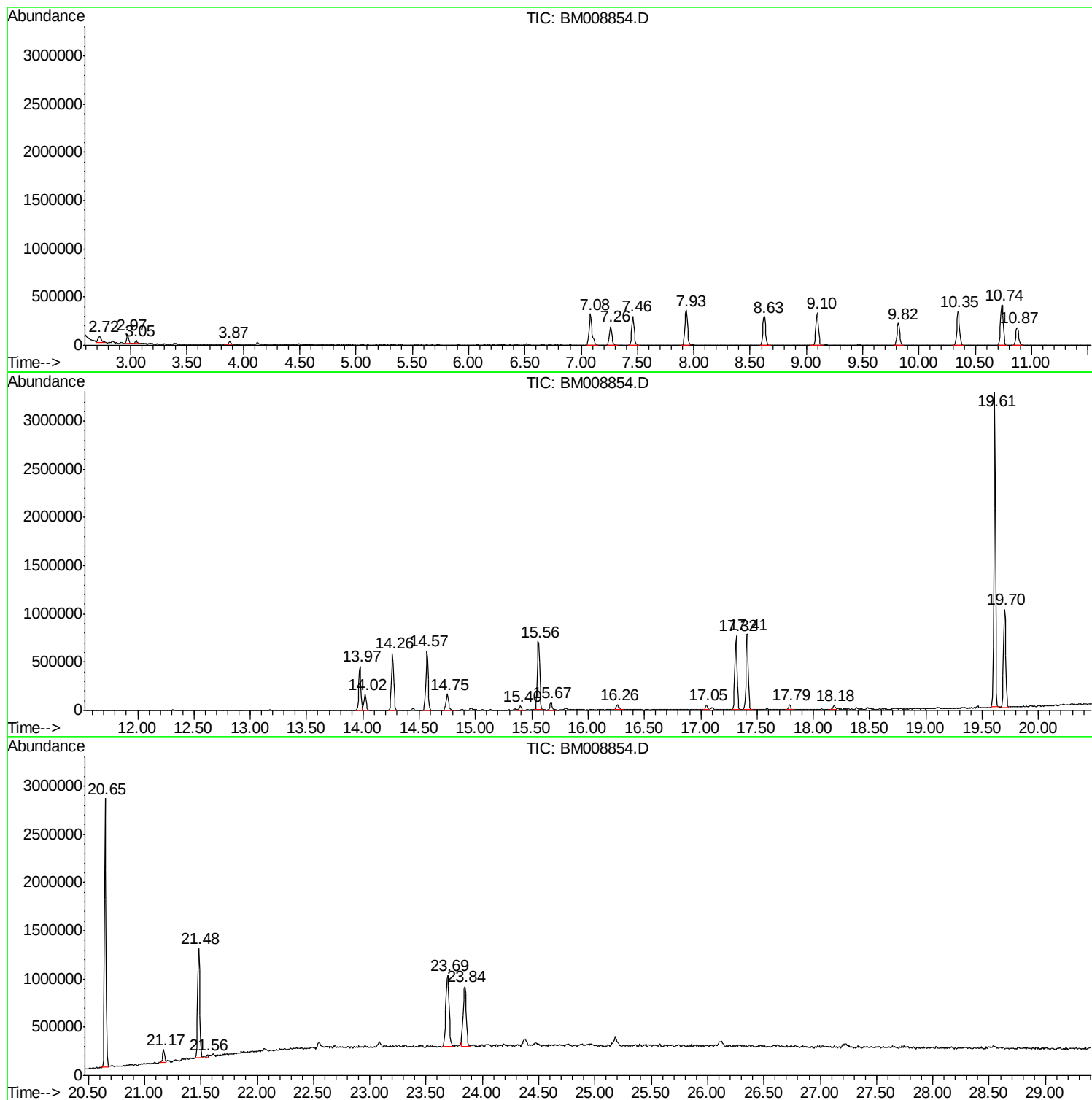
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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM012317.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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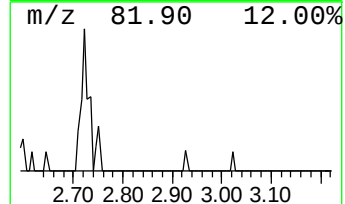
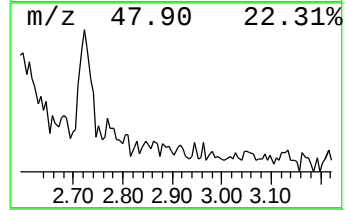
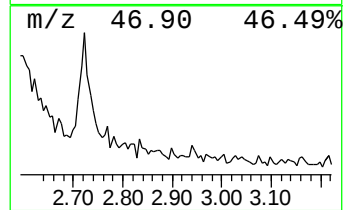
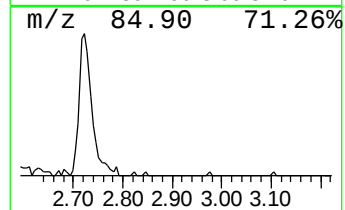
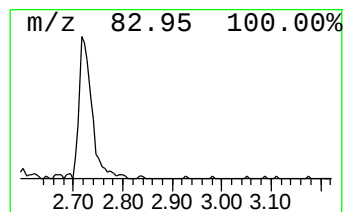
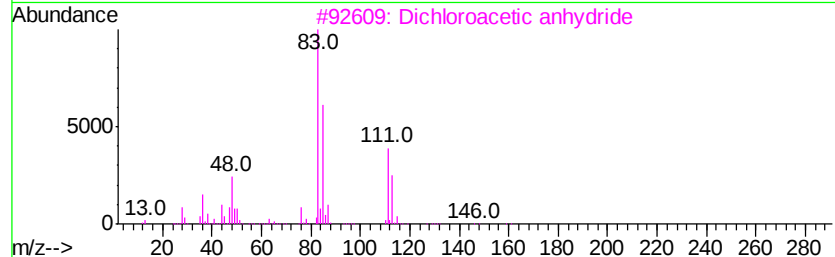
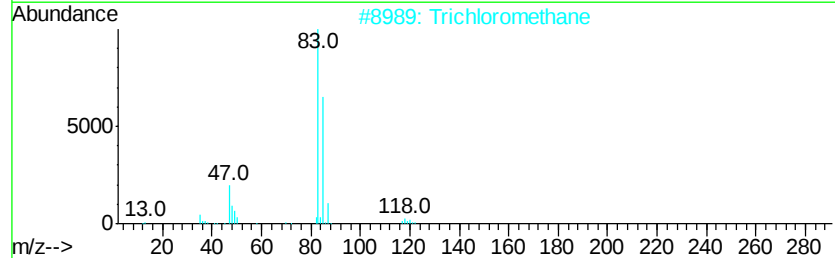
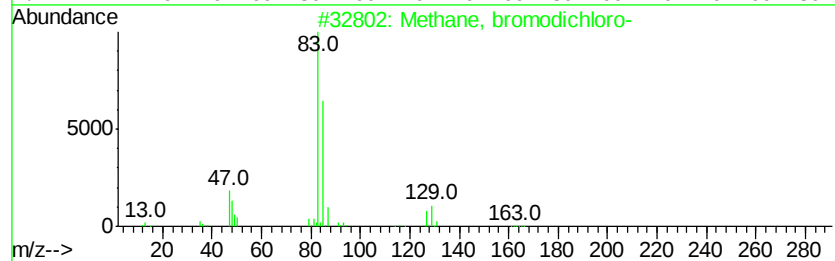
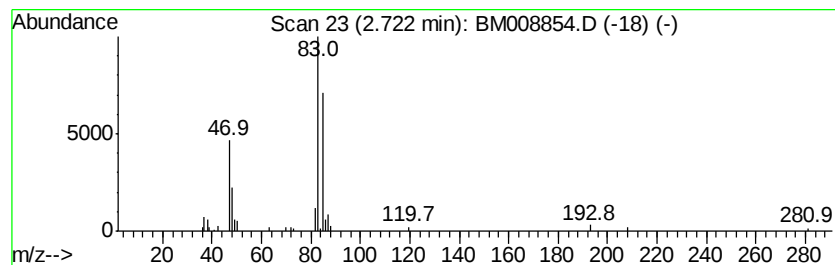
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Methane, bromodichloro- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.72	3.95 ng/ul	114006	1,4-Dichlorobenzene-d4	7.93

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Methane, bromodichloro-	162	CHBrCl2	000075-27-4	56
2			Trichloromethane	118	CHCl3	000067-66-3	53
3			Dichloroacetic anhydride	238	C4H2Cl4O3	004124-30-5	45
4			Methane, dichloronitro-	129	CHCl2NO2	007119-89-3	45
5			Trichloromethane	118	CHCl3	000067-66-3	45



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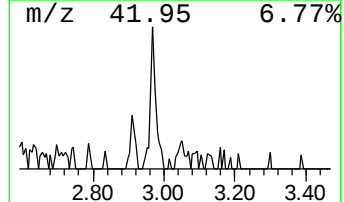
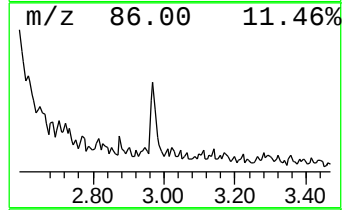
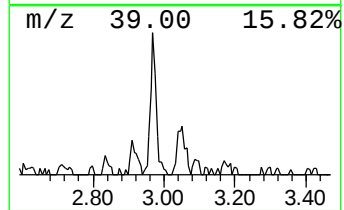
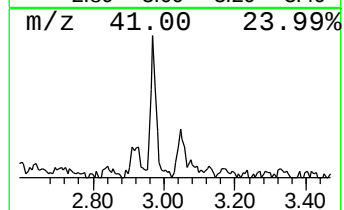
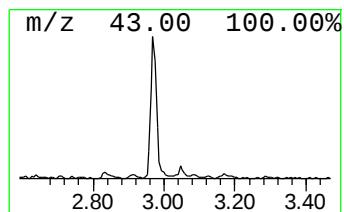
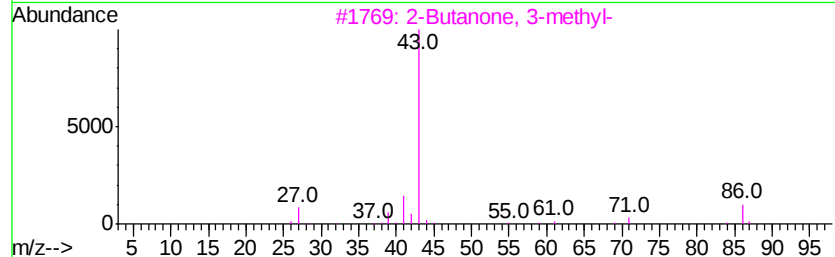
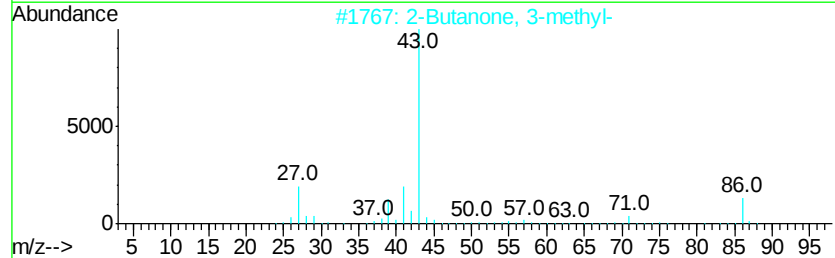
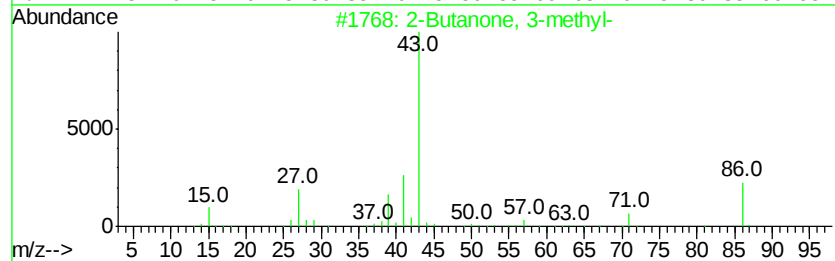
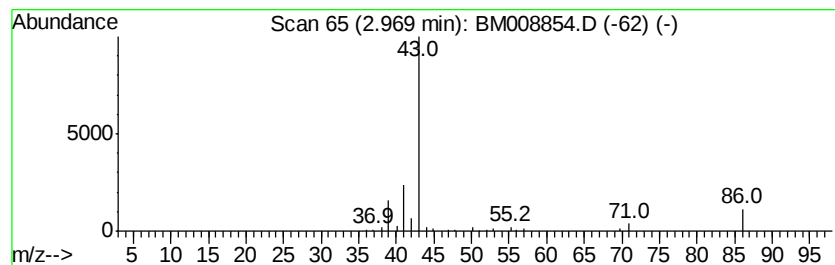
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 2 unknown-01 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.97	3.98 ng/ul	114840	1,4-Dichlorobenzene-d4	7.93

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Butanone, 3-methyl-		86	C5H10O	000563-80-4	47
2	2-Butanone, 3-methyl-		86	C5H10O	000563-80-4	47
3	2-Butanone, 3-methyl-		86	C5H10O	000563-80-4	42
4	2,3-Butanedione		86	C4H6O2	000431-03-8	9
5	Butanoic acid, 2-propenyl ester		128	C7H12O2	002051-78-7	9



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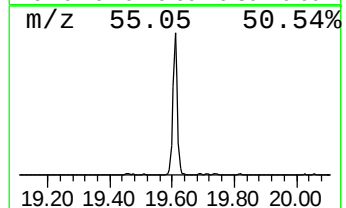
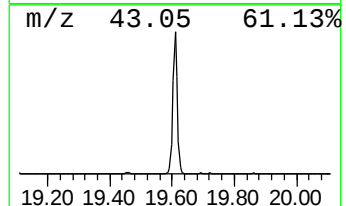
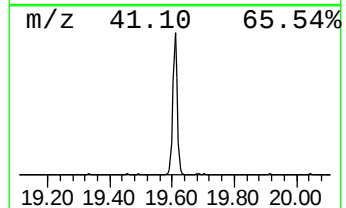
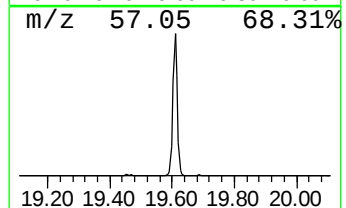
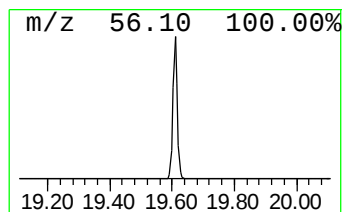
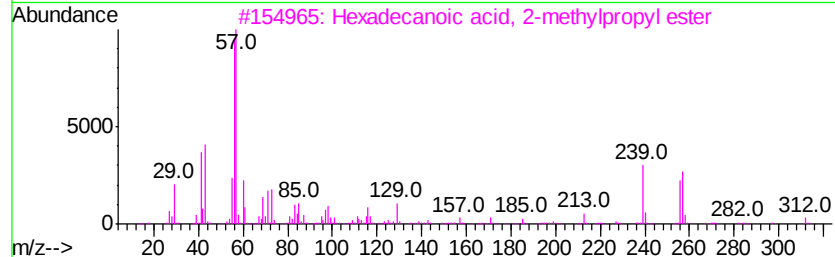
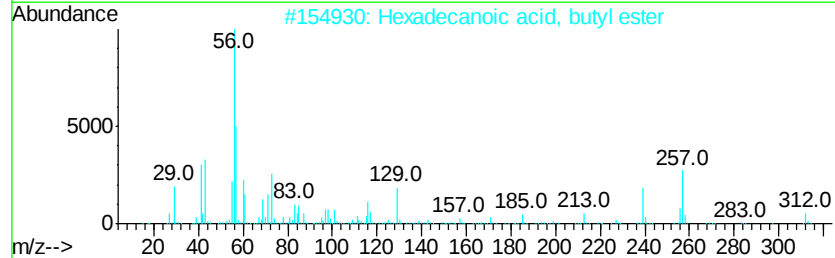
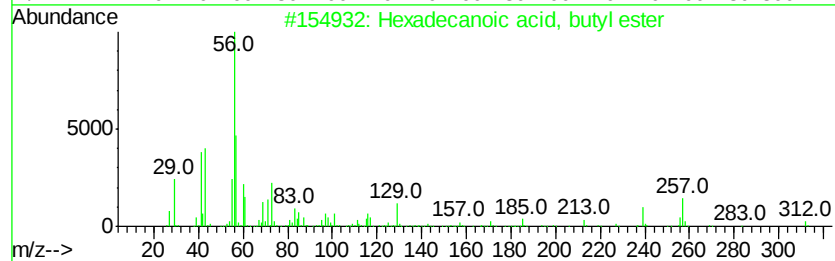
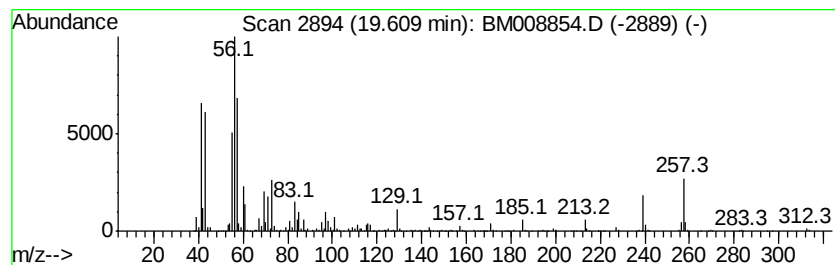
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 3 Hexadecanoic acid, butyl ester Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.61	46.05 ng/ul	3307030	Chrysene-d12	21.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	91
2		Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	91
3		Hexadecanoic acid, 2-methylpropyl...	312	C20H40O2	000110-34-9	70
4		Hexadecanoic acid, 1,1-dimethyl...	312	C20H40O2	031158-91-5	64
5		Eicosanoic acid	312	C20H40O2	000506-30-9	59



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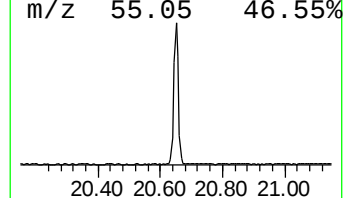
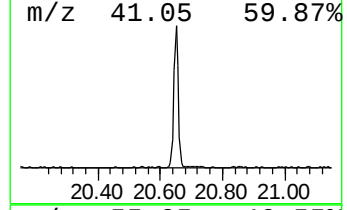
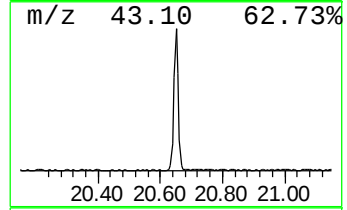
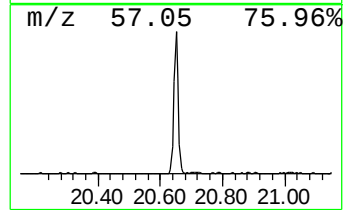
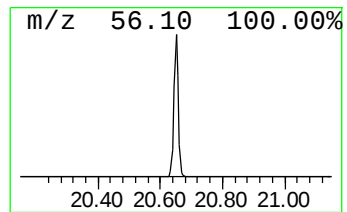
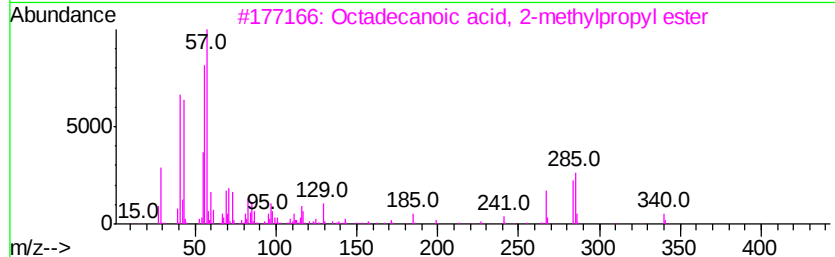
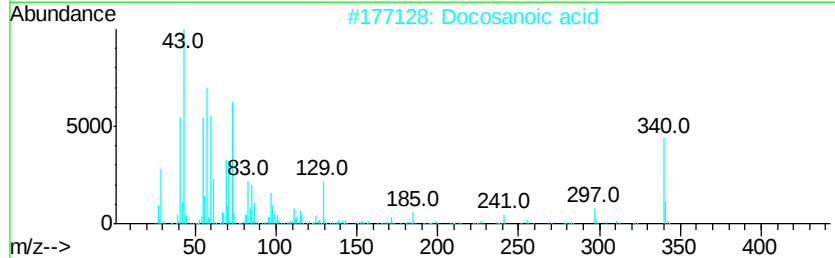
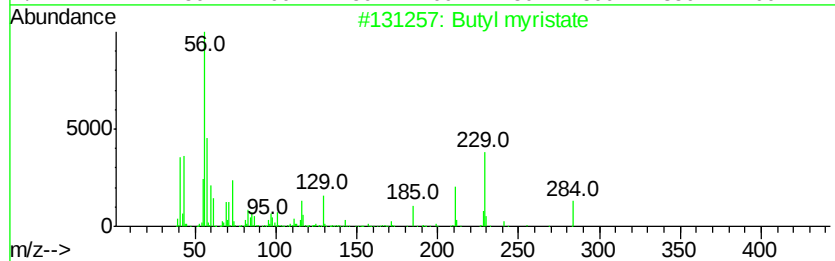
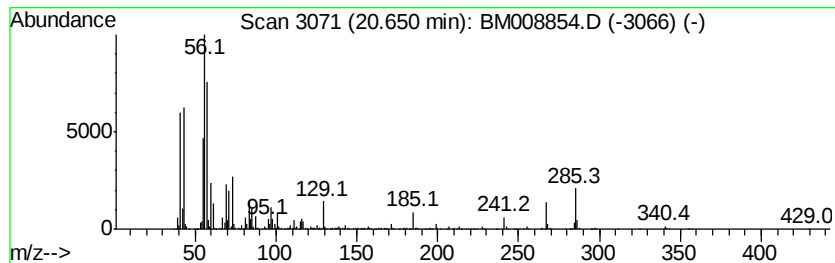
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Peak Number 4 Butyl myristate Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.65	39.03 ng/ul	2803240	Chrysene-d12	21.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butyl myristate	284	C18H36O2	000110-36-1	59
2		Docosanoic acid	340	C22H44O2	000112-85-6	52
3		Octadecanoic acid, 2-methylpropyl...	340	C22H44O2	000646-13-9	49
4		2-Isopropyl-3-vinylloxirane	112	C7H12O	070777-23-0	38
5		4-Aminocyclohexanol acetate (ester)	157	C8H15NO2	1000130-62-8	35



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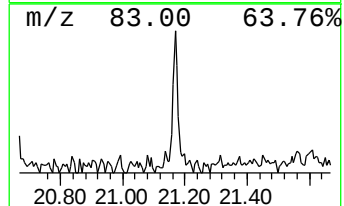
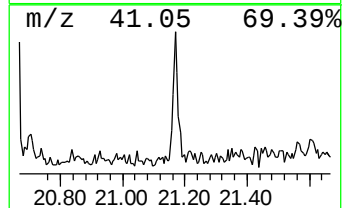
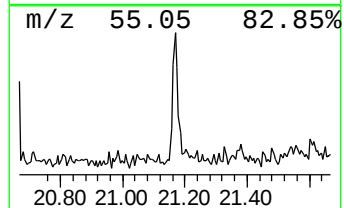
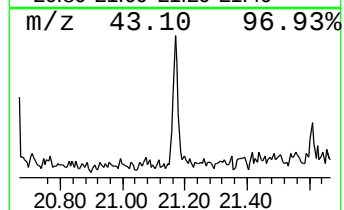
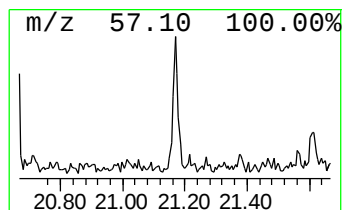
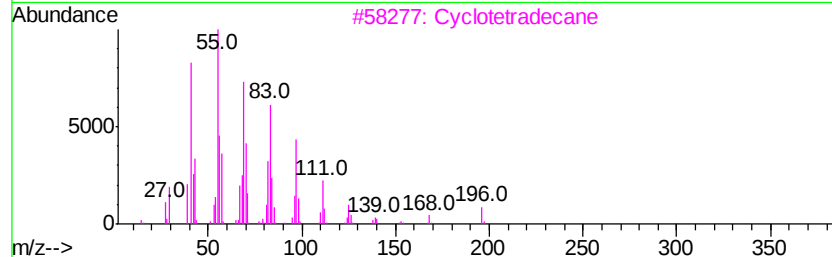
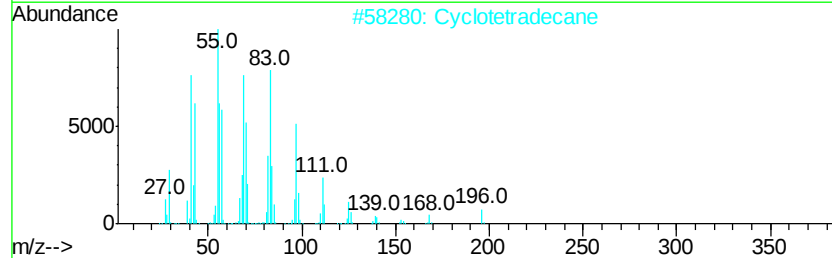
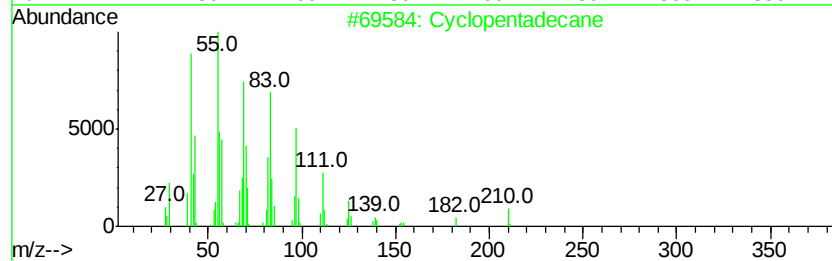
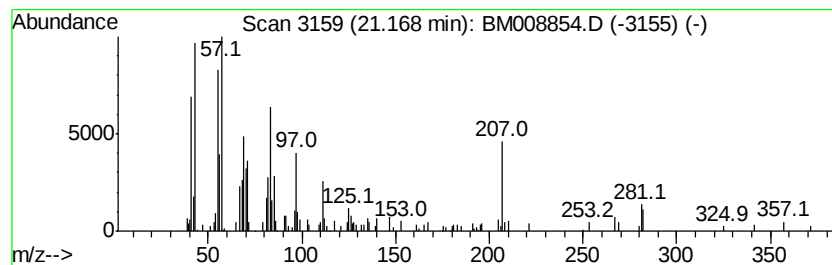
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Peak Number 5 (DEL) Alkane: Cyclic21.17 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.17	2.22 ng/ul	159528	Chrysene-d12	21.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopentadecane	210	C15H30	000295-48-7	95
2		Cyclotetradecane	196	C14H28	000295-17-0	95
3		Cyclotetradecane	196	C14H28	000295-17-0	90
4		5-Eicosene, (E)-	280	C20H40	074685-30-6	83
5		9-Eicosene, (E)-	280	C20H40	074685-29-3	83



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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM012317.M
Quant Title : SVOA CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Methane, bromodic...	2.72	4.0	ng/ul	114006	1	7.93	577706	20.0
unknown-01	2.97	4.0	ng/ul	114840	1	7.93	577706	20.0
Hexadecanoic acid...	19.61	46.0	ng/ul	3307030	5	21.48	1436390	20.0
Butyl myristate	20.65	39.0	ng/ul	2803240	5	21.48	1436390	20.0
(DEL) Alkane: Cyc...	21.17	2.2	ng/ul	159528	5	21.48	1436390	20.0