

Data Path : Z:\HPCHEM1\BNA M\DATA\BM042516\
 Data File : BM005064.D
 Acq On : 26 Apr 2016 02:31
 Operator : UM/SJ
 Sample : H2584-08
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BC7Q0

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-BM042516.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	6.963	722	727	734	rBV	118053	191465	3.18%	0.690%
2	7.134	750	756	763	rBV	225686	345229	5.74%	1.243%
3	7.334	784	790	800	rBB	268969	425163	7.07%	1.531%
4	7.799	864	869	876	rBV	139288	216825	3.61%	0.781%
5	8.169	926	932	939	rBB	95391	146543	2.44%	0.528%
6	8.334	954	960	968	rBB	142073	229700	3.82%	0.827%
7	8.499	982	988	995	rBV	274866	445993	7.42%	1.606%
8	8.957	1059	1066	1079	rBB	288345	473286	7.87%	1.705%
9	9.675	1182	1188	1197	rBB	251687	411512	6.84%	1.482%
10	9.863	1207	1220	1225	rBV2	42044	109919	1.83%	0.396%
11	10.210	1273	1279	1292	rBV	369025	625457	10.40%	2.253%
12	10.593	1335	1344	1347	rBV	230726	416232	6.92%	1.499%
13	10.657	1347	1355	1362	rVV	2847558	6013523	100.00%	21.659%
14	10.763	1366	1373	1382	rVB	159893	267367	4.45%	0.963%
15	12.251	1618	1626	1636	rBB	310222	484630	8.06%	1.745%
16	12.469	1654	1663	1671	rBB	172352	283107	4.71%	1.020%
17	13.757	1876	1882	1887	rBV	42635	69810	1.16%	0.251%
18	13.845	1892	1897	1903	rVB	703790	1024631	17.04%	3.690%
19	14.133	1939	1946	1956	rBV	745817	1180475	19.63%	4.252%
20	14.439	1989	1998	2004	rBV2	470920	730447	12.15%	2.631%
21	14.504	2004	2009	2016	rVB	249299	369176	6.14%	1.330%
22	14.639	2025	2032	2042	rBV3	154347	249387	4.15%	0.898%
23	14.839	2060	2066	2075	rBV	126167	229027	3.81%	0.825%
24	15.433	2161	2167	2172	rBV	1027508	1486398	24.72%	5.353%
25	15.486	2172	2176	2182	rVB	216950	291482	4.85%	1.050%
26	15.551	2182	2187	2194	rBV	417848	603227	10.03%	2.173%
27	17.186	2458	2465	2469	rBV	650839	952614	15.84%	3.431%
28	17.227	2469	2472	2476	rVV	293790	388387	6.46%	1.399%
29	17.286	2476	2482	2493	rVB2	1154899	1773610	29.49%	6.388%
30	17.586	2526	2533	2543	rVB	47377	66105	1.10%	0.238%
31	19.239	2811	2814	2821	rVB	54147	72806	1.21%	0.262%
32	19.492	2849	2857	2864	rVB	334996	374216	6.22%	1.348%
33	19.580	2866	2872	2885	rVB2	1444997	2167704	36.05%	7.807%
34	19.810	2906	2911	2916	rVB	74577	81878	1.36%	0.295%

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35	21.374	3171	3177	3184	rBV	905161	1219449	20.28%	4.392%
36	23.515	3532	3541	3553	rBV2	1047846	2085048	34.67%	7.510%
37	23.656	3557	3565	3577	rVB2	568610	1116523	18.57%	4.021%
38	24.174	3647	3653	3659	rVB2	39084	70991	1.18%	0.256%
39	24.933	3776	3782	3790	rVB	36155	75799	1.26%	0.273%

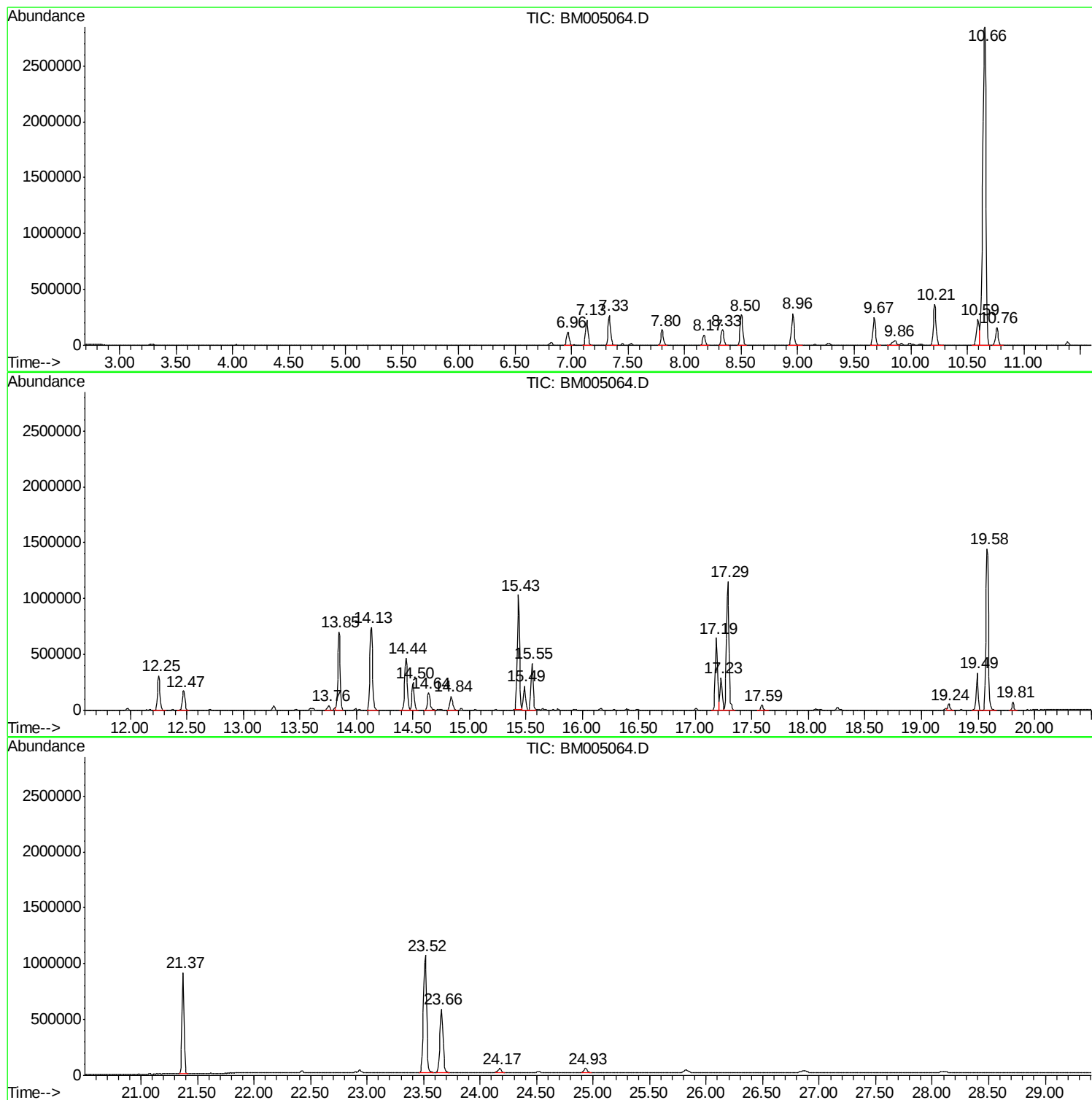
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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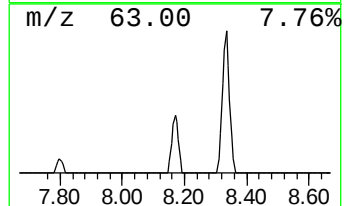
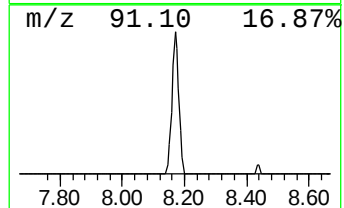
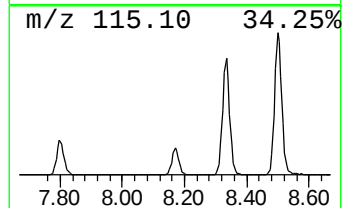
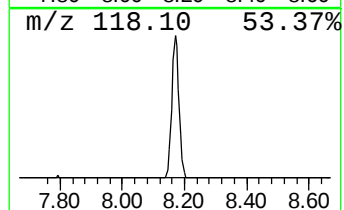
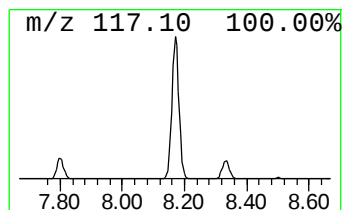
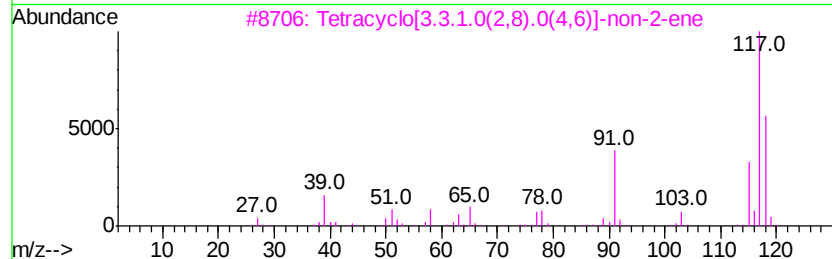
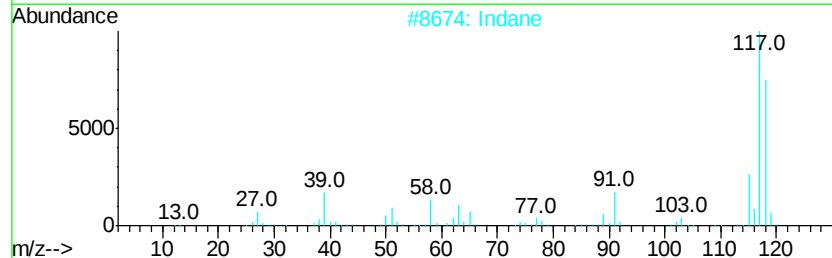
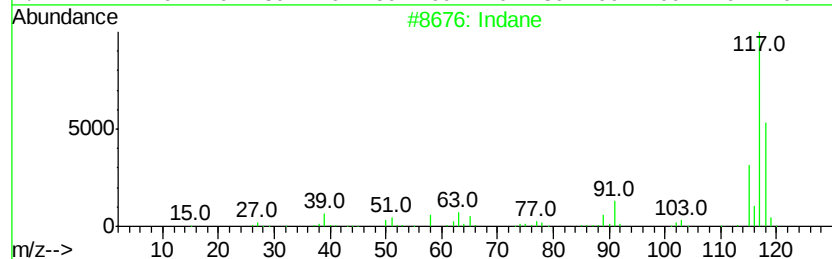
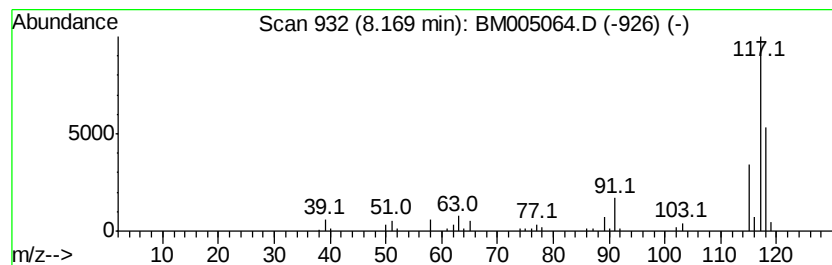
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 1 Indane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.17	13.52 ng/ul	146543	1,4-Dichlorobenzene-d4	7.80

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane		118	C9H10	000496-11-7	93
2	Indane		118	C9H10	000496-11-7	91
3	Tetracyclo[3.3.1.0(2,8).0(4,6)]-	...	118	C9H10	1000191-13-7	80
4	Deltacyclene		118	C9H10	007785-10-6	80
5	Indane		118	C9H10	000496-11-7	60



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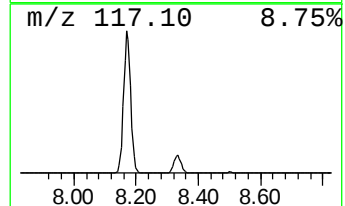
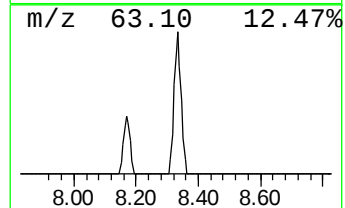
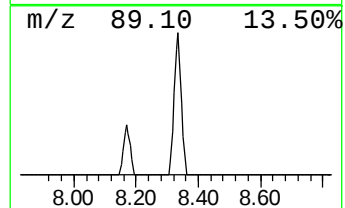
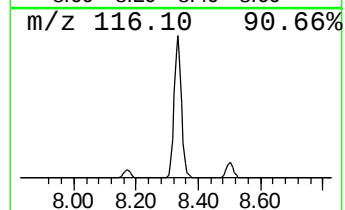
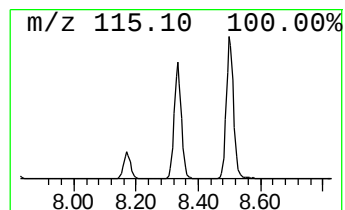
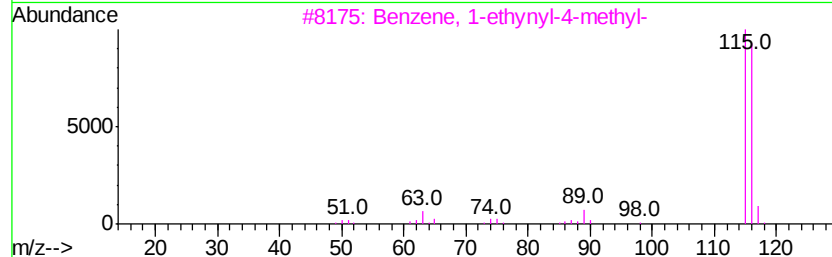
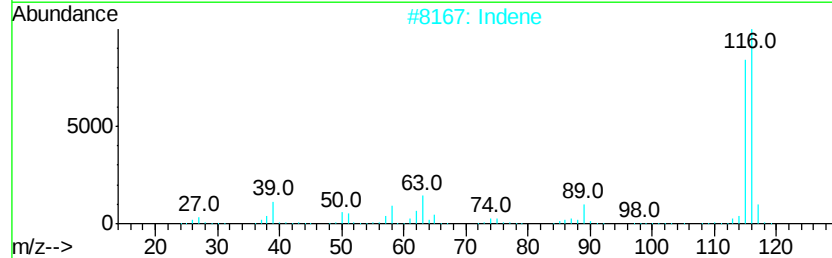
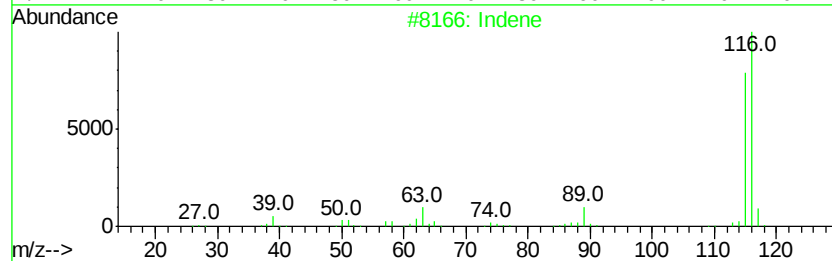
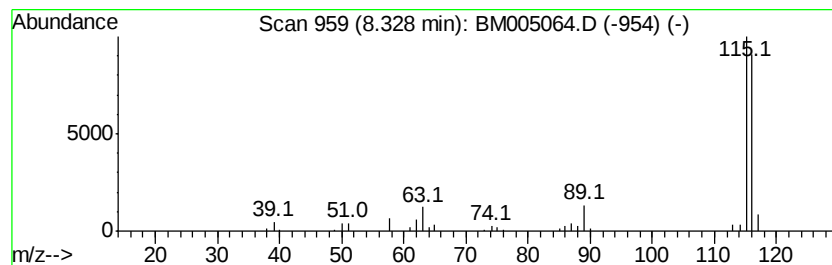
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Peak Number 2 Indene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.33	21.19 ng/ul	229700	1,4-Dichlorobenzene-d4	7.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Indene	116	C9H8	000095-13-6	97
2		Indene	116	C9H8	000095-13-6	94
3		Benzene, 1-ethynyl-4-methyl-	116	C9H8	000766-97-2	91
4		Benzene, 1-propynyl-	116	C9H8	000673-32-5	91
5		Benzene, 1-propynyl-	116	C9H8	000673-32-5	91



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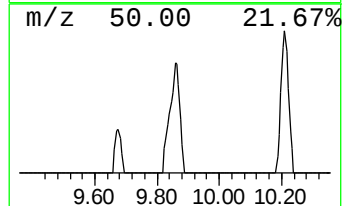
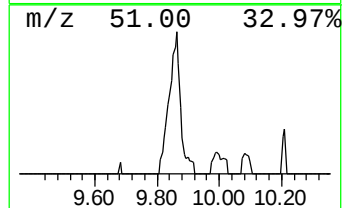
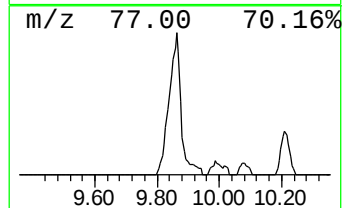
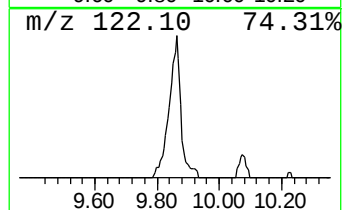
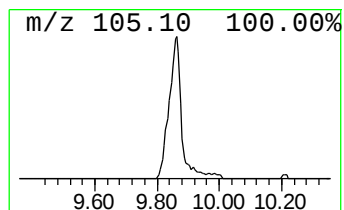
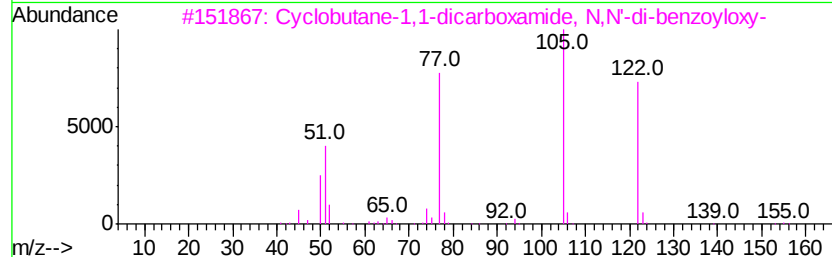
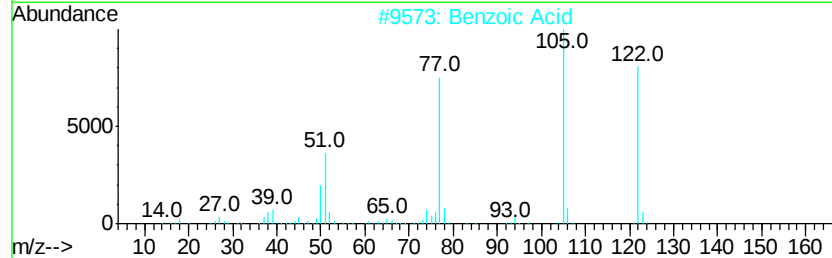
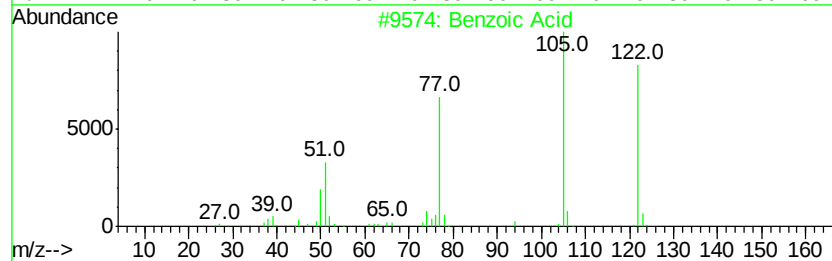
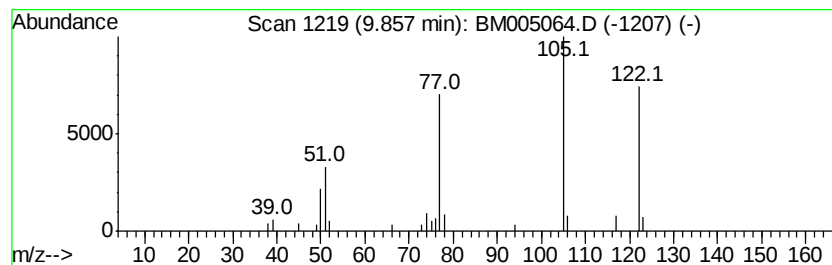
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Peak Number 3 Benzoic Acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.86	5.28 ng/ul	109919	Naphthalene-d8	10.59

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic Acid		122	C7H6O2	000065-85-0	95
2	Benzoic Acid		122	C7H6O2	000065-85-0	95
3	Cyclobutane-1,1-dicarboxamide, N...		382	C20H18N2O6	1000253-25-3	90
4	Heptanediamide, N,N'-di-benzoyloxy-		398	C21H22N2O6	1000253-26-4	90
5	Cyclopropanecarboxamide, N-benzo...		205	C11H11N03	1000253-25-4	83



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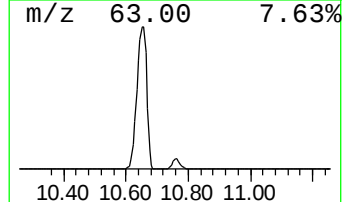
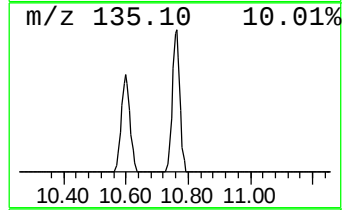
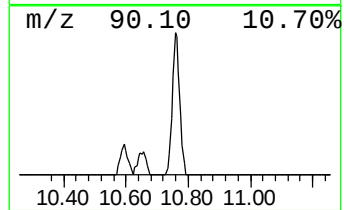
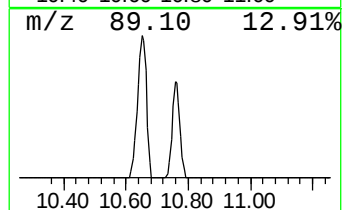
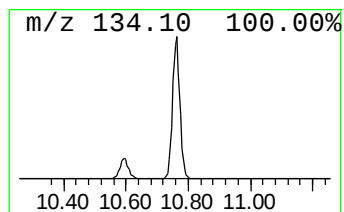
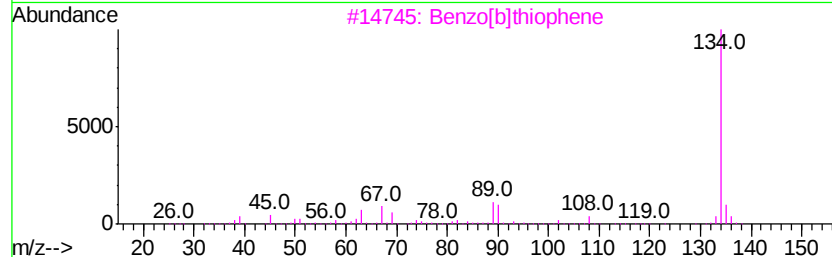
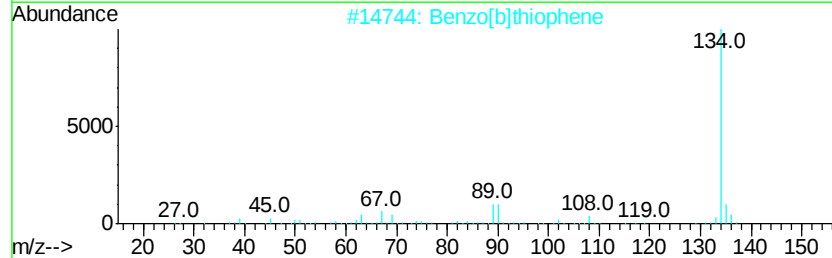
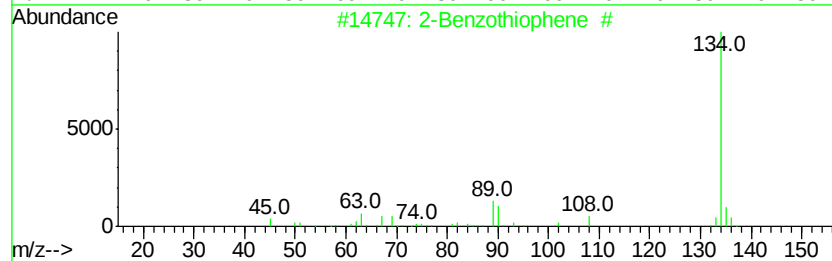
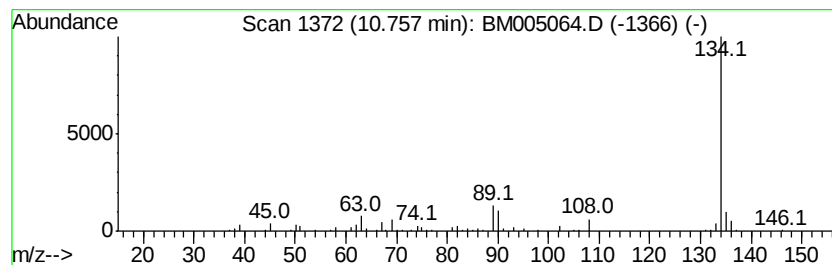
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Peak Number 4 2-Benzothiophene # Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.76	12.85 ng/ul	267367	Napthalene-d8	10.59

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Benzothiophene #	134	C8H6S	000270-82-6	97
2		Benzo[b]thiophene	134	C8H6S	000095-15-8	95
3		Benzo[b]thiophene	134	C8H6S	000095-15-8	94
4		Benzo[b]thiophene	134	C8H6S	000095-15-8	93
5		Cyclopenta[c]thiapyran	134	C8H6S	000270-63-3	90



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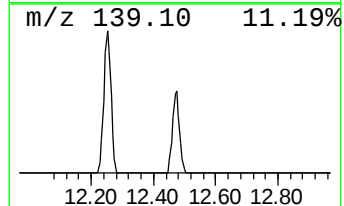
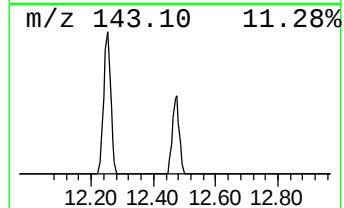
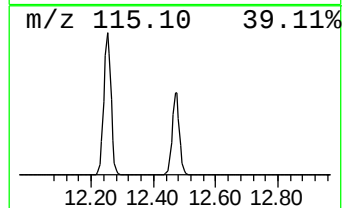
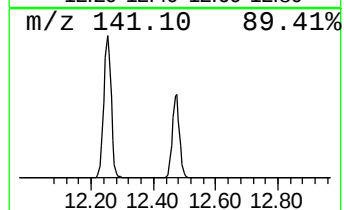
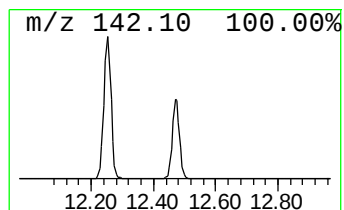
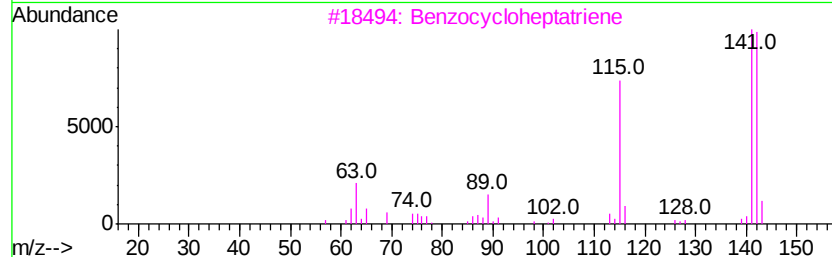
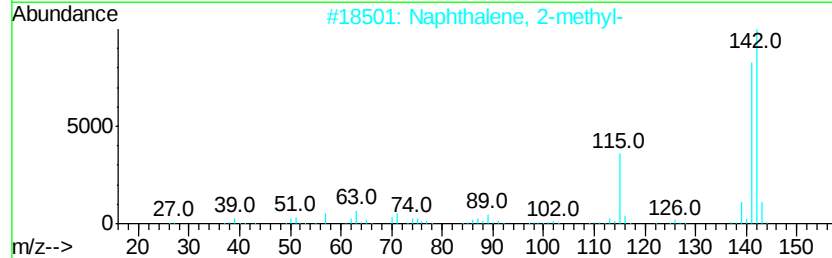
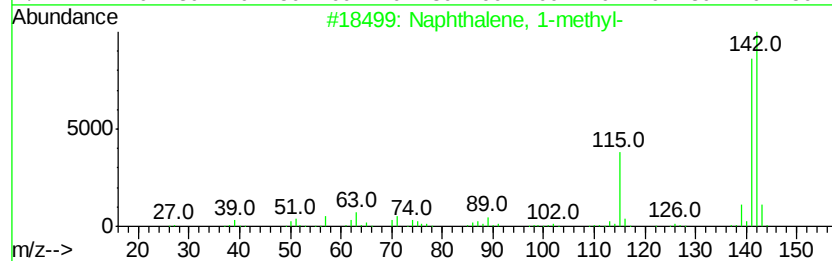
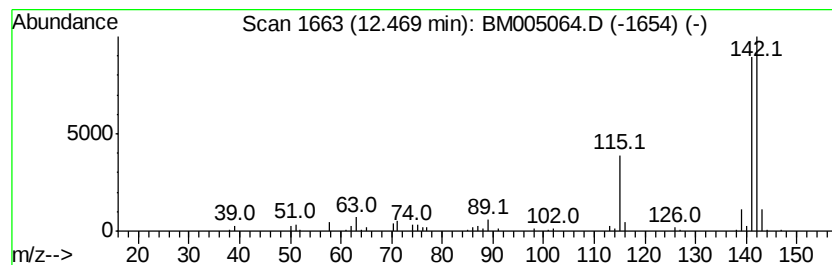
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Peak Number 5 Naphthalene, 1-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.47	13.60 ng/ul	283107	Naphthalene-d8	10.59

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
2		Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
3		Benzocycloheptatriene	142	C11H10	000264-09-5	94
4		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
5		1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91



Data Path : Z:\HPCHEM1\BNA M\DATA\BM042516\
Data File : BM005064.D
Acq On : 26 Apr 2016 02:31
Operator : UM/SJ
Sample : H2584-08
Misc :
ALS Vial : 21 Sample Multiplier: 1

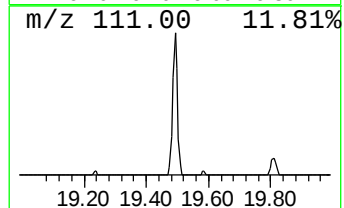
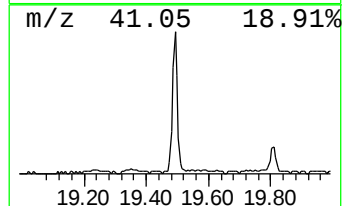
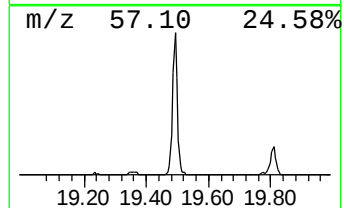
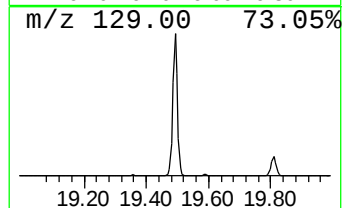
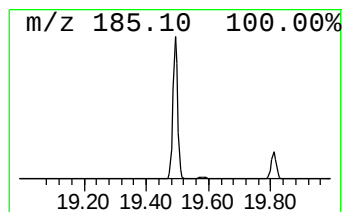
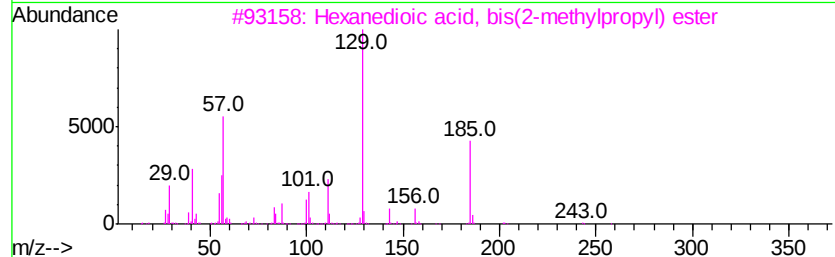
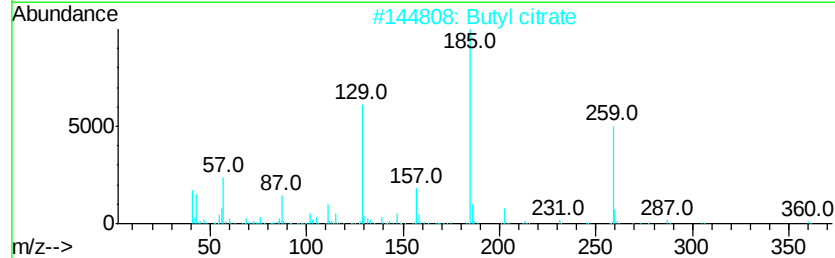
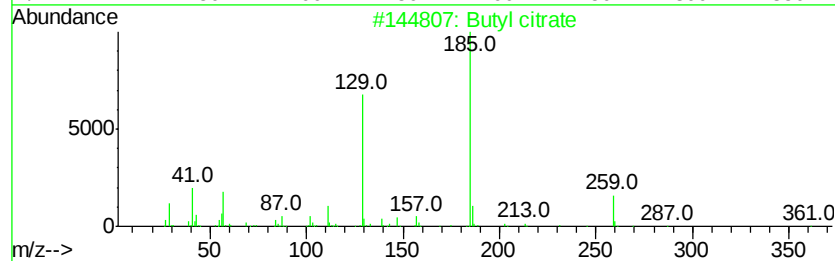
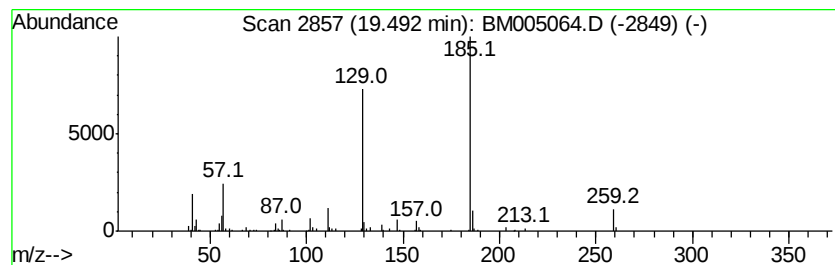
Instrument :
BNA_M
ClientSampleId :
BC7Q0

Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM042516.M
Quant Title : SVOA CALIBRATION

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

Peak Number 6 Butyl citrate Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
19.49	6.14 ng/ul	374216	Chrysene-d12	21.37	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butyl citrate	360	C18H32O7	000077-94-1	91
2	Butyl citrate	360	C18H32O7	000077-94-1	78
3	Hexanedioic acid, bis(2-methylpr...	258	C14H26O4	000141-04-8	56
4	Hexanedioic acid, dibutyl ester	258	C14H26O4	000105-99-7	50
5	Butanedioic acid, 2,3-dimethyl-, ...	258	C14H26O4	056051-57-1	45



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Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BC7Q0

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM042516.M
Quant Title : SVOA CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Indane	8.17	13.5	ng/ul	146543	1	7.80	216825	20.0
Indene	8.33	21.2	ng/ul	229700	1	7.80	216825	20.0
Benzoic Acid	9.86	5.3	ng/ul	109919	2	10.59	416232	20.0
2-Benzothiophene #	10.76	12.9	ng/ul	267367	2	10.59	416232	20.0
Naphthalene, 1-me...	12.47	13.6	ng/ul	283107	2	10.59	416232	20.0
Butyl citrate	19.49	6.1	ng/ul	374216	5	21.37	1219450	20.0