

Data Path : Z:\HPCHEM1\BNA M\DATA\BM121316\
 Data File : BM008280.D
 Acq On : 13 Dec 2016 19:37
 Operator : UM/SJ
 Sample : H5973-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0B17

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-2016\SOM02.2-EPA-BM121316MA.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	2.899	48	53	58	rBV	52617	69243	1.48%	0.163%
2	5.034	410	416	430	rVB	581379	883551	18.87%	2.075%
3	6.869	722	728	738	rBV	83704	163601	3.49%	0.384%
4	7.022	747	754	764	rBV	350810	581615	12.42%	1.366%
5	7.210	781	786	798	rBV	383331	673548	14.38%	1.582%
6	7.563	841	846	855	rVB	111823	188315	4.02%	0.442%
7	7.675	858	865	867	rVV	495748	762364	16.28%	1.790%
8	7.710	867	871	883	rVB	559031	940734	20.09%	2.209%
9	8.022	916	924	935	rBV	2804818	4682897	100.00%	10.996%
10	8.392	981	987	1000	rBV	261213	486954	10.40%	1.143%
11	8.834	1055	1062	1065	rBV	491953	810048	17.30%	1.902%
12	8.875	1065	1069	1083	rVB	742923	1311441	28.00%	3.079%
13	9.551	1177	1184	1199	rBV	376837	738619	15.77%	1.734%
14	10.086	1269	1275	1294	rBV	457936	957646	20.45%	2.249%
15	10.316	1306	1314	1326	rBV	941867	1567429	33.47%	3.680%
16	10.445	1330	1336	1345	rBV	614587	1051964	22.46%	2.470%
17	10.833	1395	1402	1415	rVB	618973	1072199	22.90%	2.518%
18	11.069	1435	1442	1459	rBV	395024	778326	16.62%	1.828%
19	11.286	1473	1479	1494	rBV	78796	197027	4.21%	0.463%
20	11.780	1558	1563	1575	rBV2	46339	108768	2.32%	0.255%
21	12.469	1674	1680	1694	rBV4	60275	157012	3.35%	0.369%
22	13.110	1783	1789	1801	rVB	206602	343317	7.33%	0.806%
23	13.733	1888	1895	1901	rBV	1068486	1626401	34.73%	3.819%
24	13.804	1906	1907	1919	rVB5	47338	84668	1.81%	0.199%
25	14.004	1935	1941	1950	rBV	1210248	1808596	38.62%	4.247%
26	14.186	1965	1972	1983	rBV2	94948	263876	5.63%	0.620%
27	14.316	1987	1994	2001	rVV	923709	1411338	30.14%	3.314%
28	14.598	2037	2042	2048	rBV4	35550	90878	1.94%	0.213%
29	15.316	2157	2164	2170	rBV	1493538	2230002	47.62%	5.236%
30	15.468	2184	2190	2201	rBV	423247	747034	15.95%	1.754%
31	17.068	2455	2462	2468	rBV	1166440	1660354	35.46%	3.899%
32	17.168	2472	2479	2495	rVB	1642146	2515232	53.71%	5.906%
33	18.445	2687	2696	2701	rBV	501314	692913	14.80%	1.627%
34	19.468	2864	2870	2881	rBV	2173639	3083429	65.84%	7.240%

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35	21.262	3170	3175	3186	rBV	1550209	2256518	48.19%	5.298%
36	23.350	3524	3530	3540	rVB2	1748326	3330606	71.12%	7.820%
37	23.491	3548	3554	3566	rVB	1108780	2259924	48.26%	5.306%

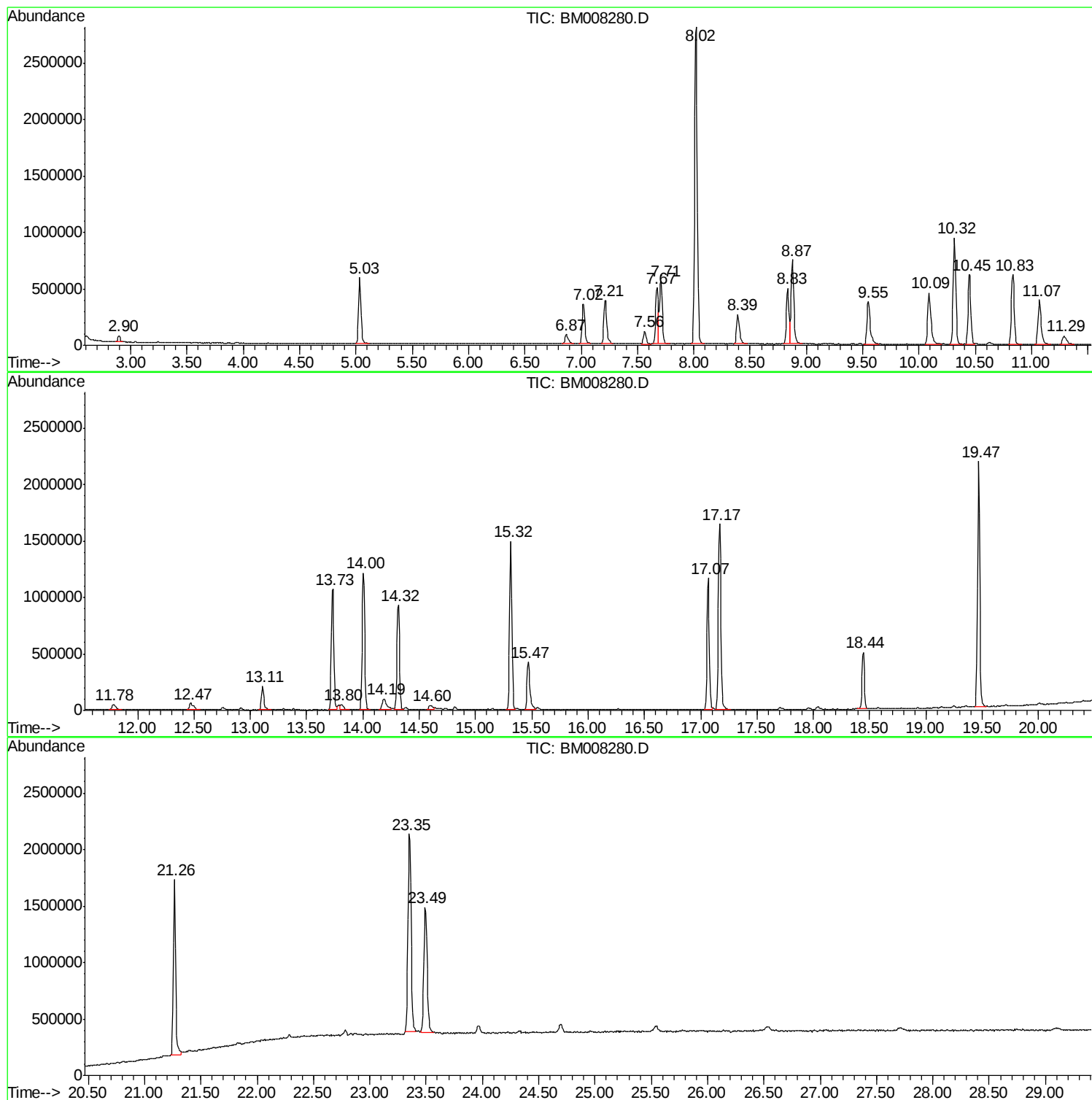
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Quant Title : SVOA CALIBRATION

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



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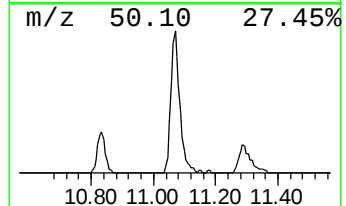
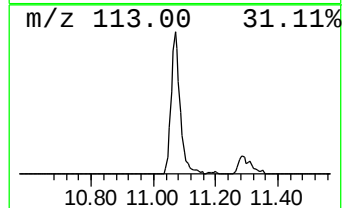
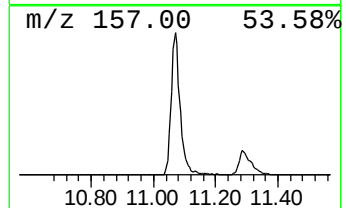
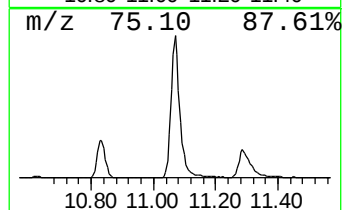
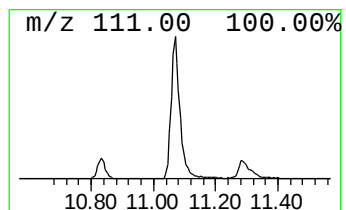
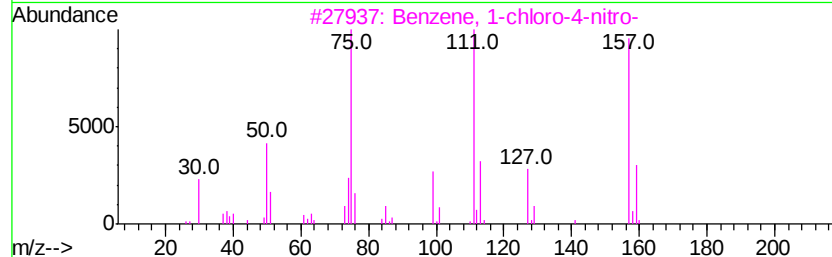
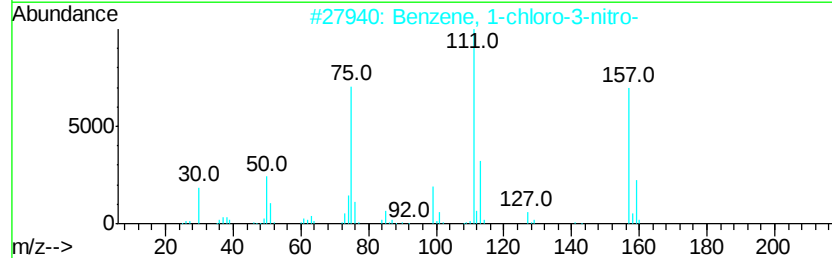
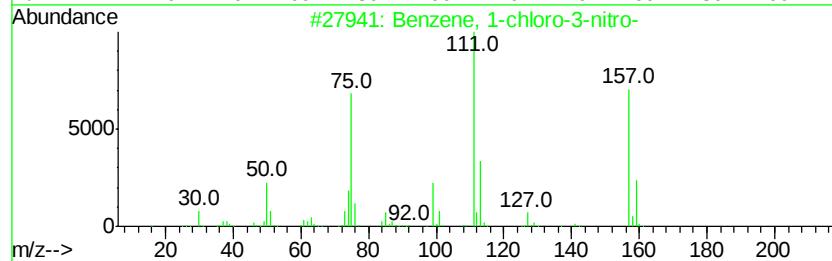
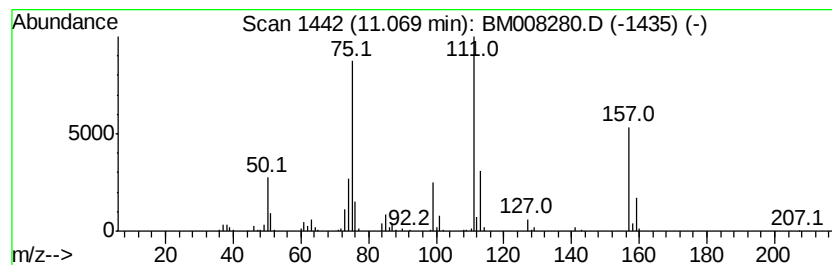
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 Benzene, 1-chloro-3-nitro- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.07	14.80 ng/ul	778326	Naphthalene-d8	10.45

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-chloro-3-nitro-	157	C6H4ClNO2	000121-73-3	96
2		Benzene, 1-chloro-3-nitro-	157	C6H4ClNO2	000121-73-3	94
3		Benzene, 1-chloro-4-nitro-	157	C6H4ClNO2	000100-00-5	94
4		Benzene, 1-chloro-3-nitro-	157	C6H4ClNO2	000121-73-3	92
5		Benzene, 1-chloro-4-nitro-	157	C6H4ClNO2	000100-00-5	91



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ClientSampleId :
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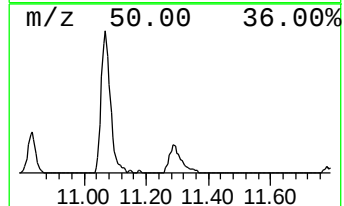
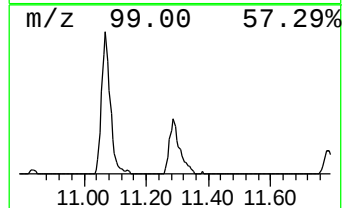
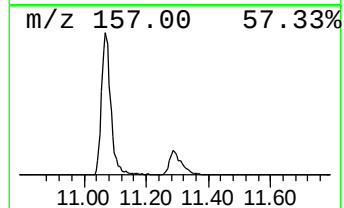
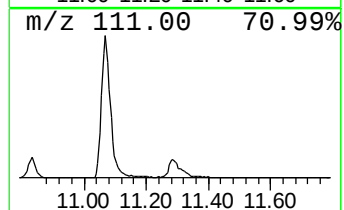
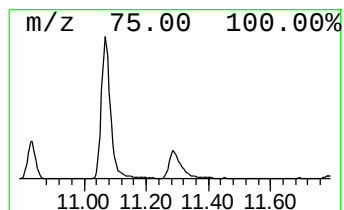
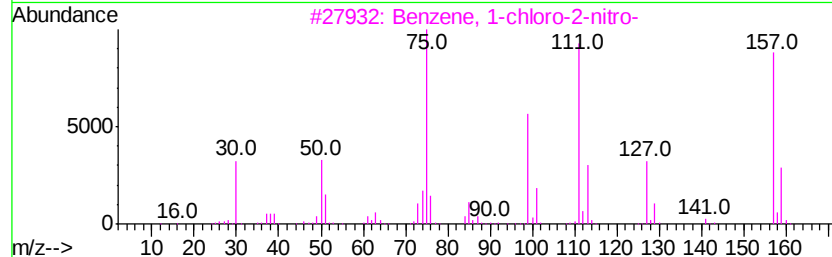
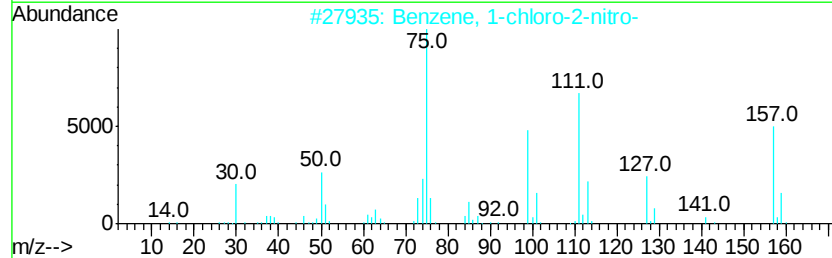
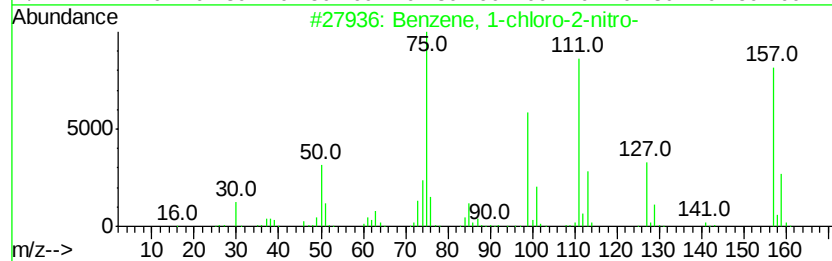
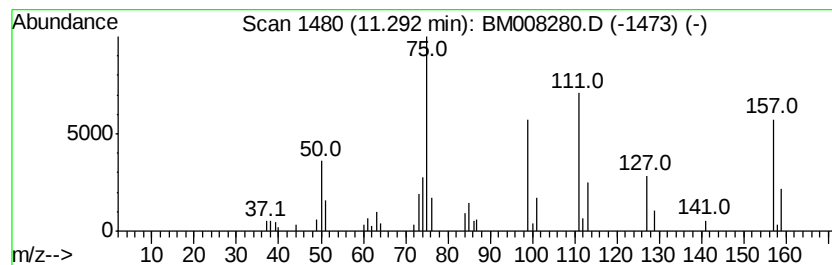
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-2016\SOM02.2-EPA-BM121316MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 7 Benzene, 1-chloro-2-nitro- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.29	3.75 ng/ul	197027	Napthalene-d8	10.45

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-chloro-2-nitro-	157	C6H4ClNO2	000088-73-3	97
2		Benzene, 1-chloro-2-nitro-	157	C6H4ClNO2	000088-73-3	95
3		Benzene, 1-chloro-2-nitro-	157	C6H4ClNO2	000088-73-3	90
4		Benzene, 1-chloro-2-nitro-	157	C6H4ClNO2	000088-73-3	90
5		Benzene, 1-chloro-4-nitro-	157	C6H4ClNO2	000100-00-5	87



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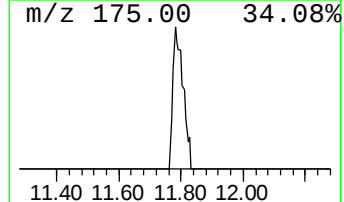
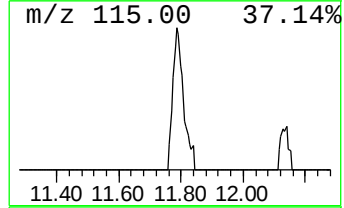
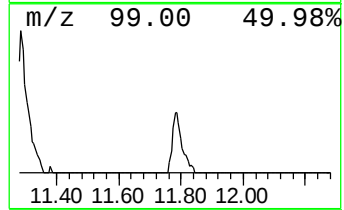
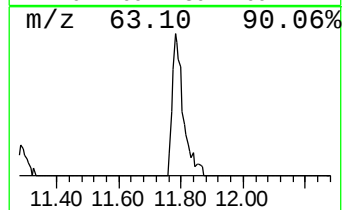
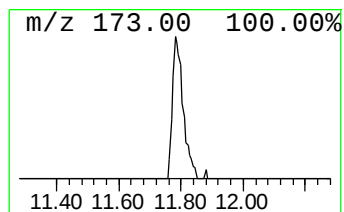
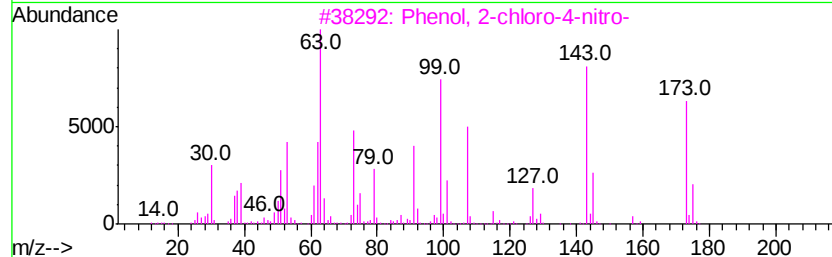
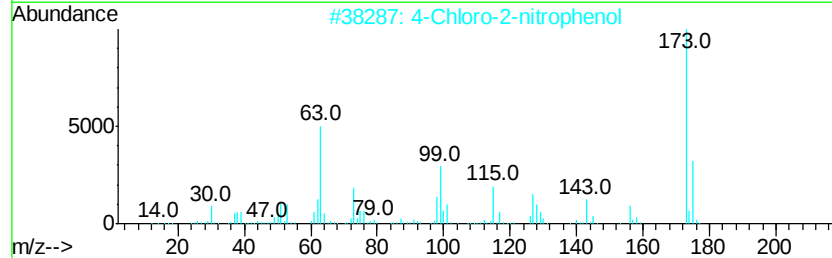
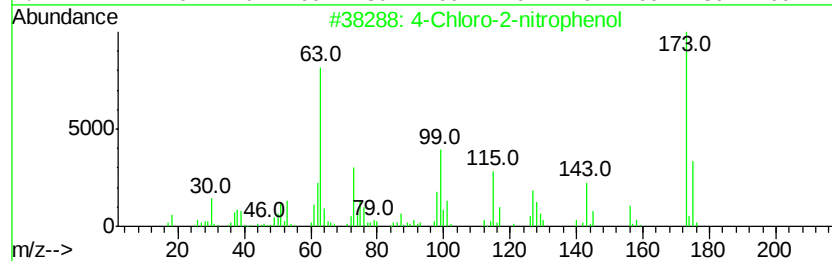
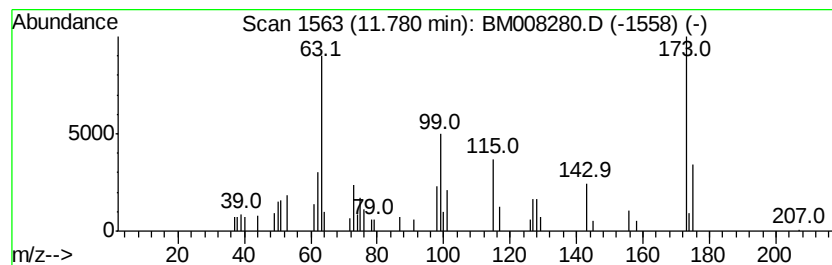
Instrument :
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 4-Chloro-2-nitrophenol Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.		
11.78	2.07 ng/ul	108768	Napthalene-d8	10.45		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Chloro-2-nitrophenol	173	C6H4ClNO3	000089-64-5	94	
2	4-Chloro-2-nitrophenol	173	C6H4ClNO3	000089-64-5	83	
3	Phenol, 2-chloro-4-nitro-	173	C6H4ClNO3	000619-08-9	56	
4	Phenol, 5-chloro-2-nitro-	173	C6H4ClNO3	000611-07-4	53	
5	4-Chloro-2-nitrophenol	173	C6H4ClNO3	000089-64-5	53	



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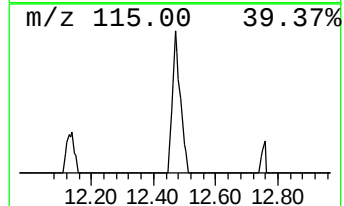
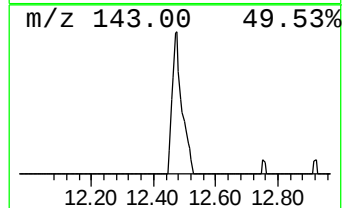
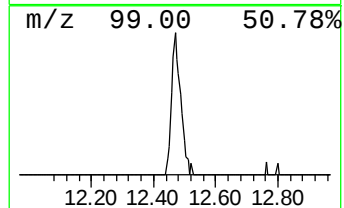
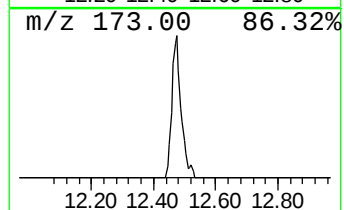
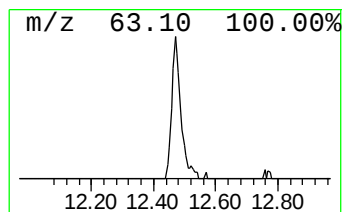
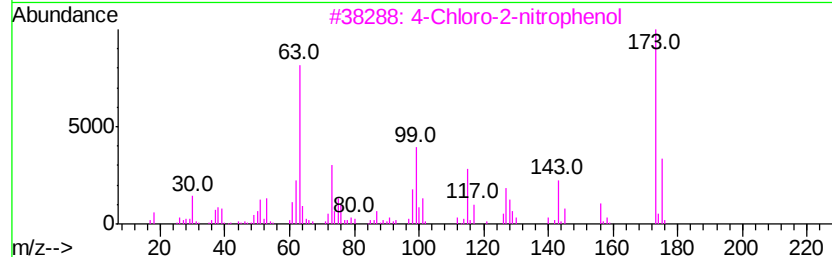
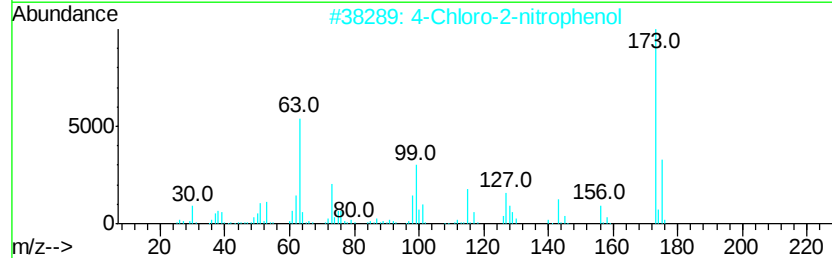
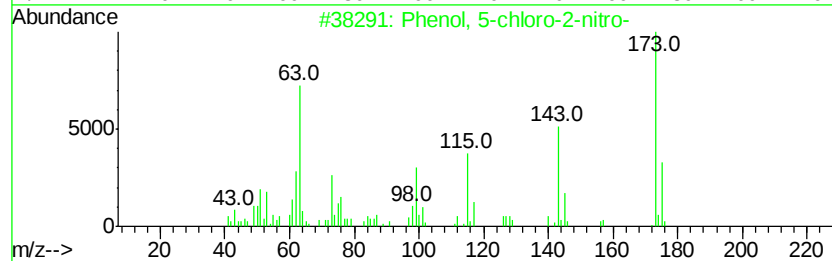
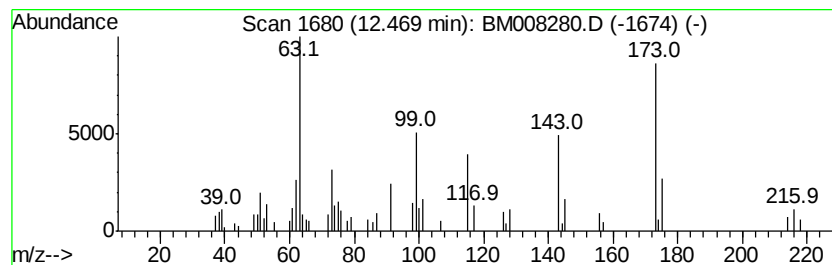
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Peak Number 9 Phenol, 5-chloro-2-nitro- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.47	2.23 ng/ul	157012	Acenaphthene-d10	14.32
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Phenol, 5-chloro-2-nitro-	173 C6H4ClN03	000611-07-4	93
2	4-Chloro-2-nitrophenol	173 C6H4ClN03	000089-64-5	83
3	4-Chloro-2-nitrophenol	173 C6H4ClN03	000089-64-5	78
4	4-Chloro-2-nitrophenol	173 C6H4ClN03	000089-64-5	46
5	3-Chloro-4-nitrophenol	173 C6H4ClN03	000491-11-2	43



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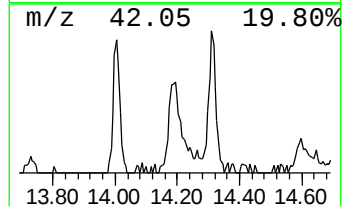
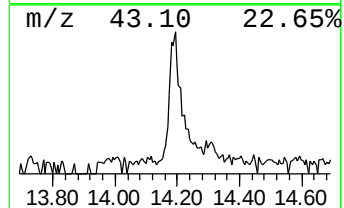
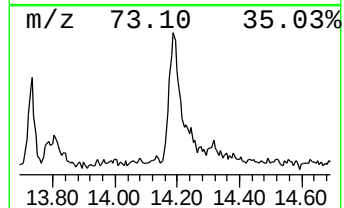
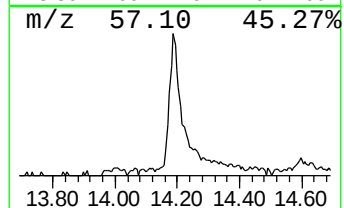
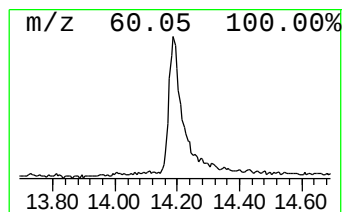
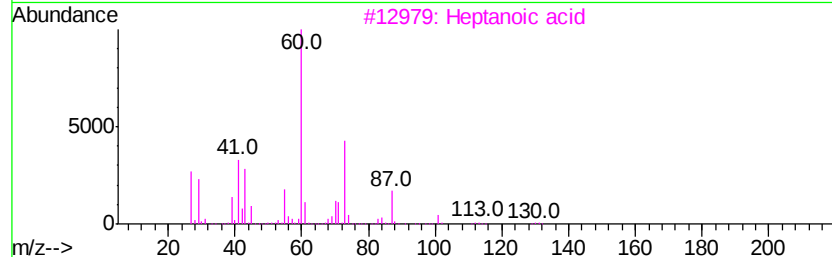
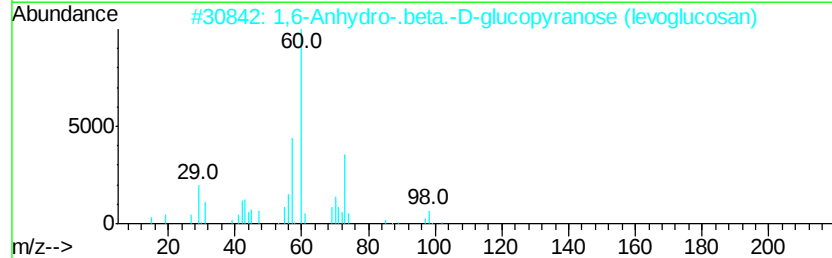
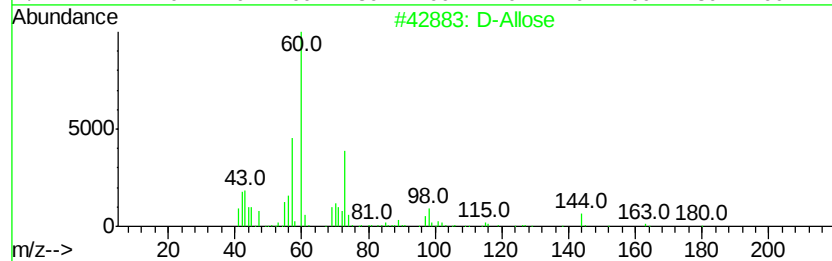
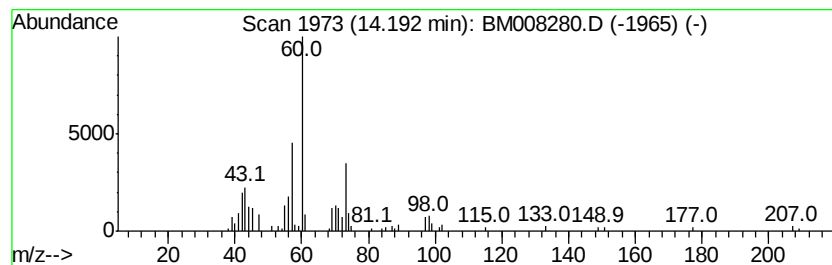
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Quant Title : SVOA CALIBRATION

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

Peak Number 10 D-Allose Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.19	3.74 ng/ul	263876	Acenaphthene-d10	14.32

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			D-Allose	180	C6H12O6	002595-97-3	86
2			1,6-Anhydro-.beta.-D-glucopyrano...	162	C6H10O5	000498-07-7	80
3			Heptanoic acid	130	C7H14O2	000111-14-8	50
4			1,6-Anhydro-.beta.-d-talopyranose	162	C6H10O5	1000133-05-8	50
5			Pentanoic acid	102	C5H10O2	000109-52-4	50



Data Path : Z:\HPCHEM1\BNA M\DATA\BM121316\
Data File : BM008280.D
Acq On : 13 Dec 2016 19:37
Operator : UM/SJ
Sample : H5973-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0B17

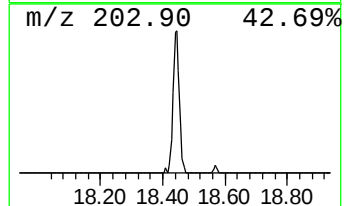
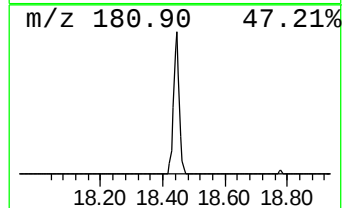
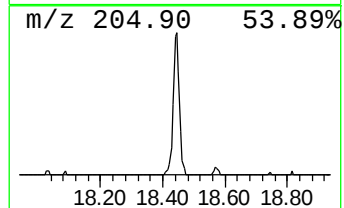
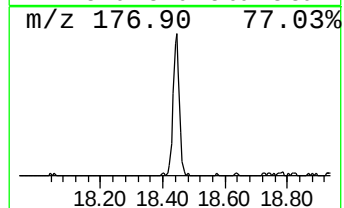
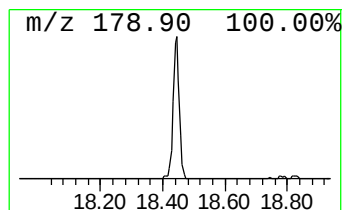
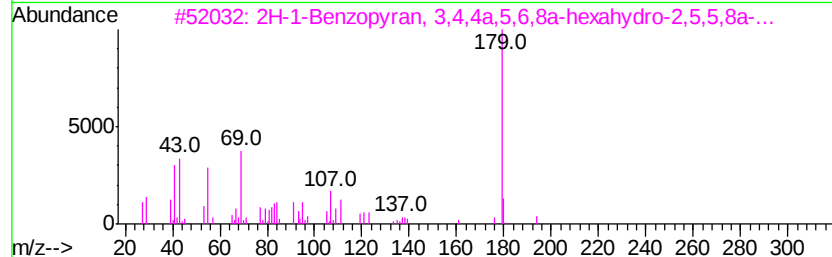
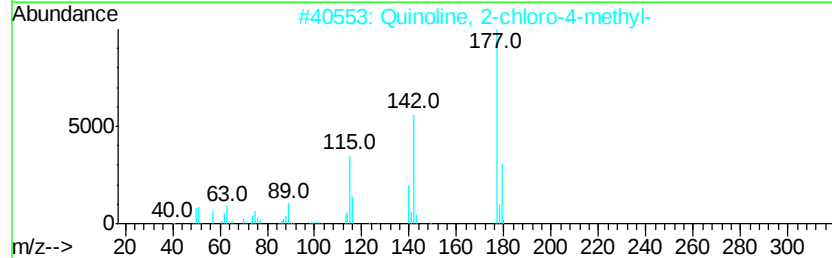
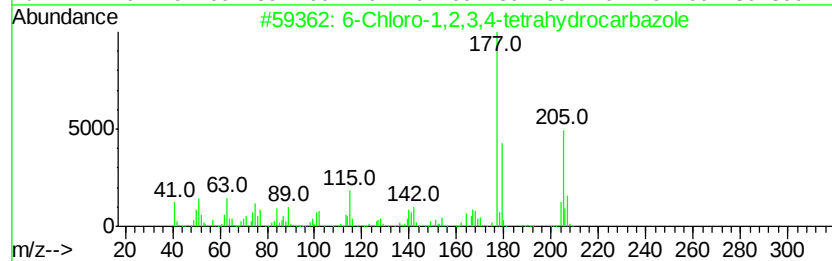
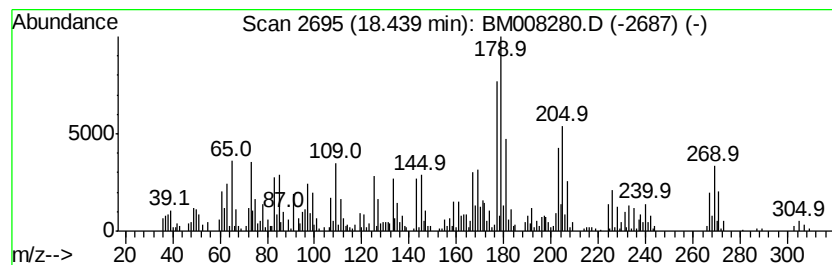
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Quant Title : SVOA CALIBRATION

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

Peak Number 11 unknown-01 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.44	8.35 ng/ul	692913	Phenanthrene-d10	17.07

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			6-Chloro-1,2,3,4-tetrahydrocarba...	205	C12H12ClN	036684-65-8	38
2			Quinoline, 2-chloro-4-methyl-	177	C10H8ClN	000634-47-9	25
3			2H-1-Benzopyran, 3,4,4a,5,6,8a-h...	194	C13H22O	063335-66-0	25
4			Cloxyquin	179	C9H6ClNO	000130-16-5	25
5			4-Chloro-3-quinolinol	179	C9H6ClNO	032435-60-2	18



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121316\
Data File : BM008280.D
Acq On : 13 Dec 2016 19:37
Operator : UM/SJ
Sample : H5973-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0B17

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-2016\SOM02.2-EPA-BM121316MA.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
Benzene, 1-chloro...	11.07	14.8	ng/ul	778326	2	10.45	1051960	20.0
Benzene, 1-chloro...	11.29	3.8	ng/ul	197027	2	10.45	1051960	20.0
4-Chloro-2-nitrop...	11.78	2.1	ng/ul	108768	2	10.45	1051960	20.0
Phenol, 5-chloro-...	12.47	2.2	ng/ul	157012	3	14.32	1411340	20.0
D-Allose	14.19	3.7	ng/ul	263876	3	14.32	1411340	20.0
unknown-01	18.44	8.3	ng/ul	692913	4	17.07	1660350	20.0