

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM091917\
 Data File : BM011609.D
 Acq On : 19 Sep 2017 18:01
 Operator : SJ/JU
 Sample : I5271-17
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AJ2

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 0.1 % 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\SOM-EPA-BM090817MA.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	5.287	331	340	342	rBV3	69882403	139090024	24.68%	8.548%
2	6.651	562	572	593	rBV	978186	1813433	0.32%	0.111%
3	6.904	603	615	619	rBV	358488	683698	0.12%	0.042%
4	7.128	647	653	670	rVB2	297846	706693	0.13%	0.043%
5	7.322	675	686	696	rBV	667576	1815354	0.32%	0.112%
6	7.510	710	718	734	rBV	830859	1941330	0.34%	0.119%
7	7.892	769	783	796	rBV3	50537988	216686783	38.45%	13.317%
8	8.122	796	822	826	rVV5	84214192	563534636	100.00%	34.635%
9	8.381	852	866	867	rBV4	70209063	185610486	32.94%	11.408%
10	8.675	910	916	927	rVB	845379	1413291	0.25%	0.087%
11	9.145	989	996	998	rBV	1227570	2035766	0.36%	0.125%
12	9.198	998	1005	1019	rVB	19281185	34607354	6.14%	2.127%
13	9.475	1045	1052	1069	rBV	1349493	2340988	0.42%	0.144%
14	9.792	1101	1106	1112	rVB	737386	1247047	0.22%	0.077%
15	9.857	1112	1117	1120	rBV	1027077	1749674	0.31%	0.108%
16	10.398	1196	1209	1220	rBV	1465870	2680072	0.48%	0.165%
17	10.686	1242	1258	1263	rBV5	71991331	246155913	43.68%	15.129%
18	10.792	1270	1276	1289	rVB	2066900	3278018	0.58%	0.201%
19	11.186	1331	1343	1349	rBV2	52695994	104757770	18.59%	6.438%
20	11.380	1368	1376	1390	rBV	9193147	15109087	2.68%	0.929%
21	11.592	1404	1412	1421	rBV	2136707	3657898	0.65%	0.225%
22	12.063	1482	1492	1505	rBV	775000	1471336	0.26%	0.090%
23	12.739	1600	1607	1612	rBV	1726873	2882031	0.51%	0.177%
24	12.792	1612	1616	1625	rVB	2267723	3537419	0.63%	0.217%
25	13.016	1647	1654	1665	rBV	543425	1019782	0.18%	0.063%
26	13.404	1712	1720	1727	rBV	7321304	11372832	2.02%	0.699%
27	13.998	1812	1821	1826	rBV2	4046344	7921452	1.41%	0.487%
28	14.045	1826	1829	1837	rVB	429756	717181	0.13%	0.044%
29	14.292	1865	1871	1880	rVV	3343111	4886016	0.87%	0.300%
30	14.598	1916	1923	1935	rVB2	2804877	4380645	0.78%	0.269%
31	14.786	1939	1955	1966	rBV3	329947	881677	0.16%	0.054%
32	15.586	2084	2091	2097	rBV	4338610	6391198	1.13%	0.393%
33	15.698	2104	2110	2121	rVB	1583373	2267196	0.40%	0.139%
34	17.339	2382	2389	2399	rBV	3561954	5189884	0.92%	0.319%

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Title : SVOA CALIBRATION

35	17.433	2399	2405	2416	rVV	4946340	7076060	1.26%	0.435%
36	18.203	2532	2536	2547	rBV	453277	715725	0.13%	0.044%
37	18.703	2611	2621	2628	rBV	4255208	5982992	1.06%	0.368%
38	19.721	2788	2794	2805	rBV	6350763	8504417	1.51%	0.523%
39	21.503	3091	3097	3103	rBV	4583910	6036081	1.07%	0.371%
40	23.721	3467	3474	3487	rVB2	4085545	8123547	1.44%	0.499%
41	23.874	3493	3500	3511	rVB	2698089	5238965	0.93%	0.322%
42	24.409	3586	3591	3599	rVB	381406	730236	0.13%	0.045%
43	25.209	3723	3727	3737	rVB2	379900	845456	0.15%	0.052%

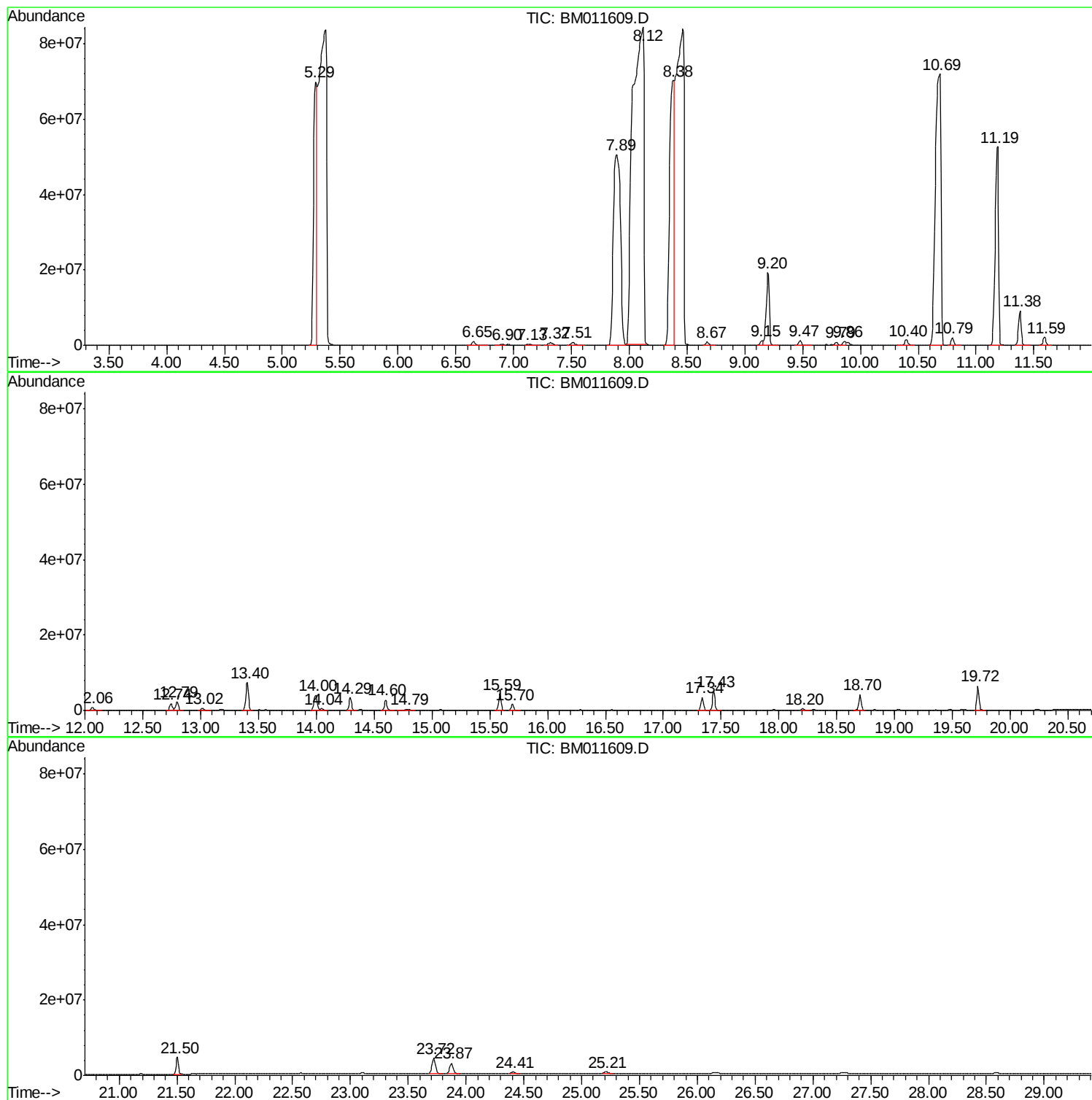
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090817MA.M
Quant Title : SVOA CALIBRATION

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



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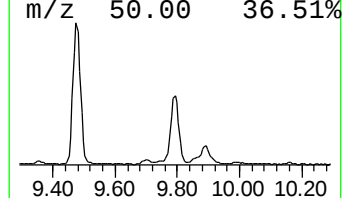
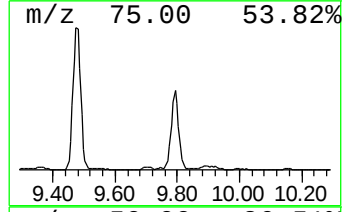
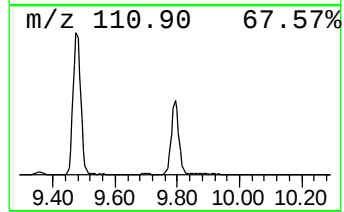
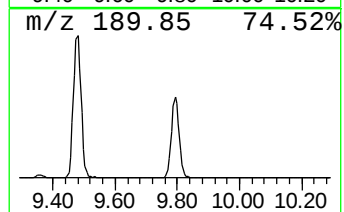
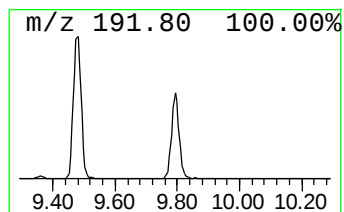
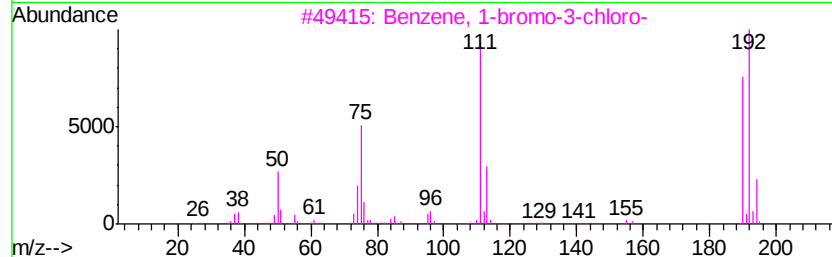
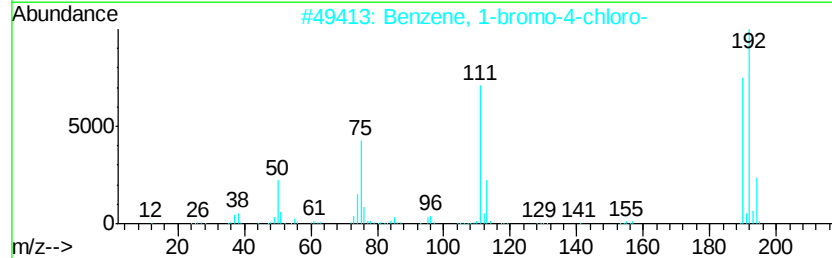
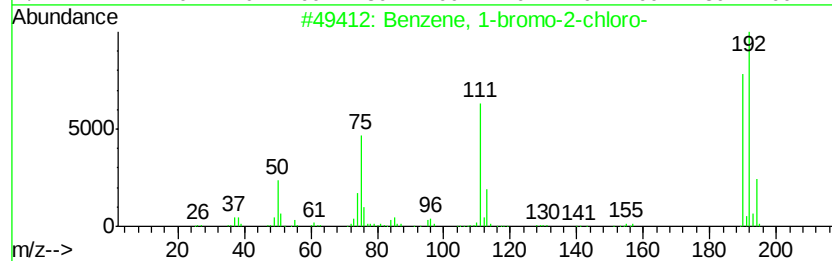
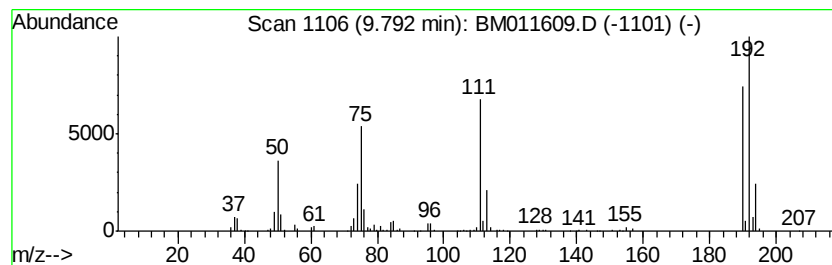
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090817MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 6 Benzene, 1-bromo-2-chloro- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.79	7.61 ng/ul	1247050	Naphthalene-d8	10.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-bromo-2-chloro-	190	C6H4BrCl	000694-80-4	98
2		Benzene, 1-bromo-4-chloro-	190	C6H4BrCl	000106-39-8	97
3		Benzene, 1-bromo-3-chloro-	190	C6H4BrCl	000108-37-2	97
4		Benzene, 1-bromo-3-chloro-	190	C6H4BrCl	000108-37-2	97
5		4-Chlorophenylselenol	192	C6H5ClSe	016645-10-6	95



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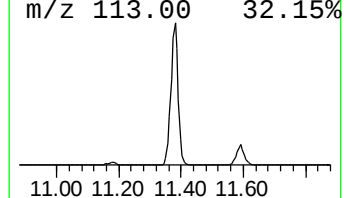
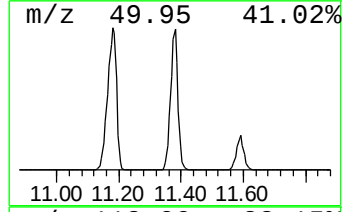
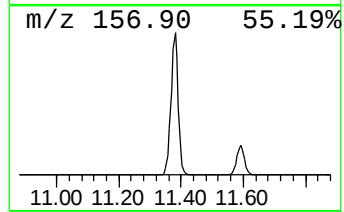
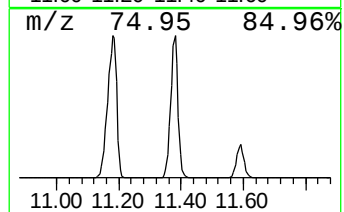
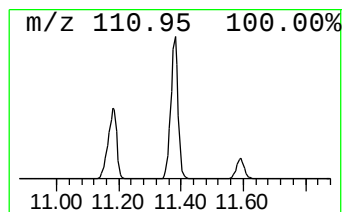
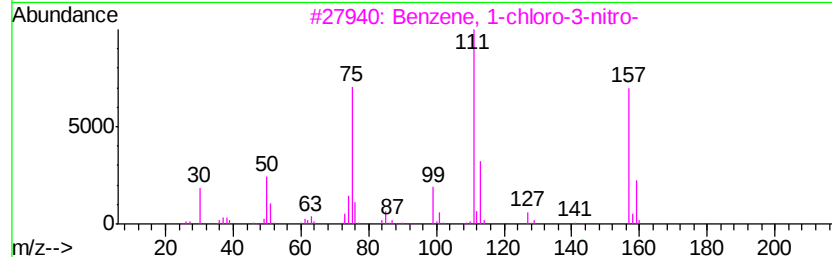
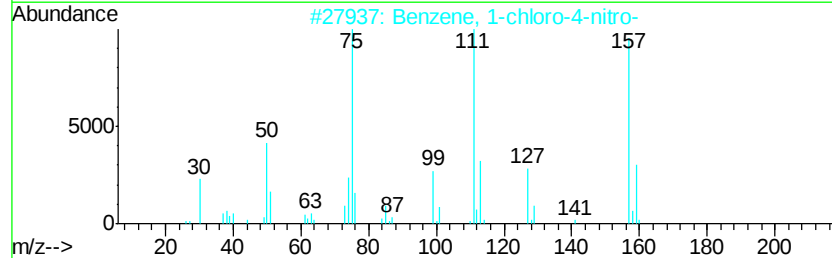
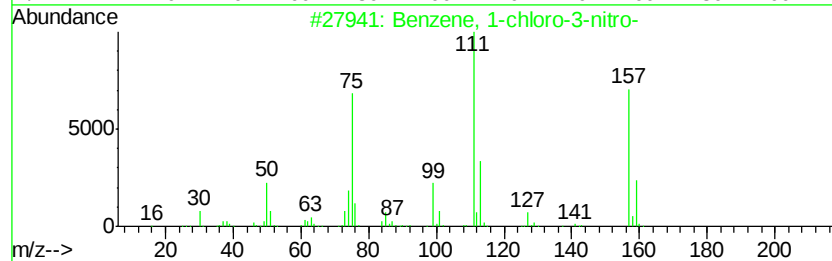
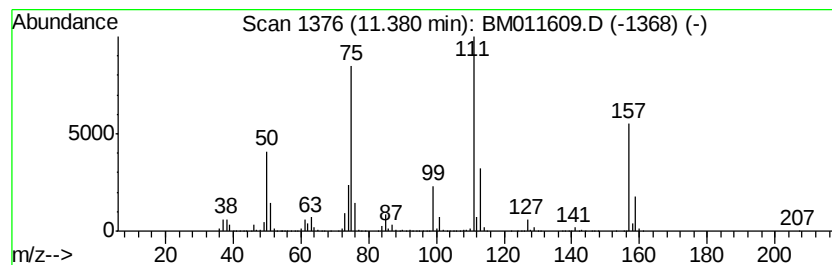
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TIC Integration Parameters: LSCINT.P

Peak Number 9 Benzene, 1-chloro-3-nitro- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.38	92.18 ng/ul	15109100	Naphthalene-d8	10.79

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-4-nitro-	157	C6H4ClNO2	000100-00-5	94
3		Benzene, 1-chloro-3-nitro-	157	C6H4ClNO2	000121-73-3	91
4		Benzene, 1-chloro-3-nitro-	157	C6H4ClNO2	000121-73-3	90
5		Benzene, 1-chloro-2-nitro-	157	C6H4ClNO2	000088-73-3	53



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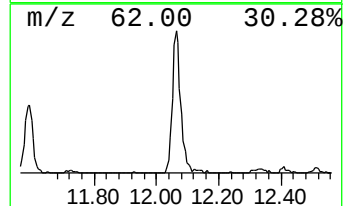
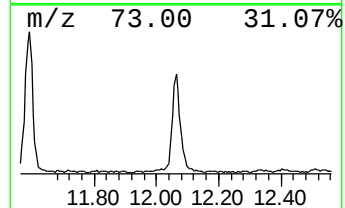
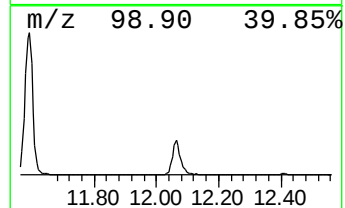
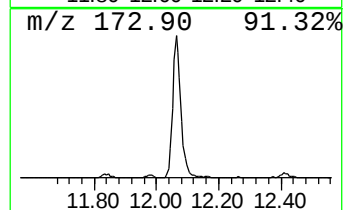
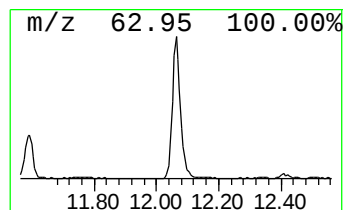
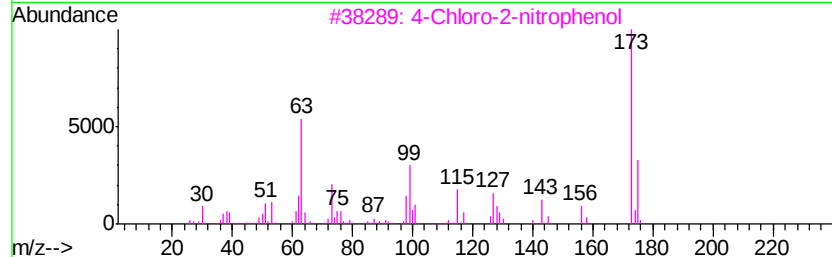
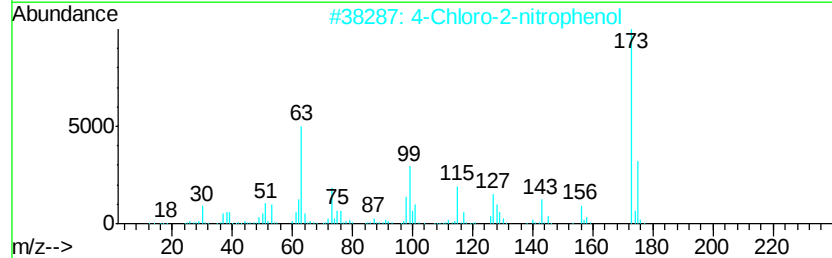
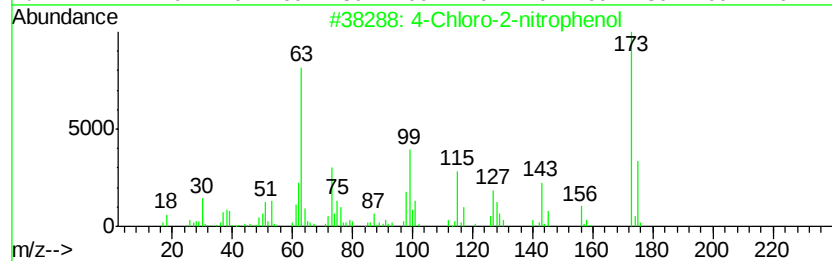
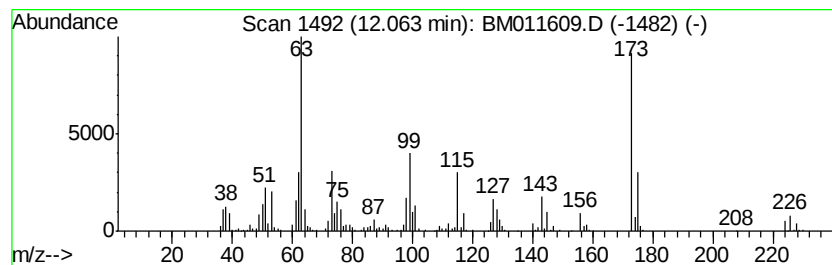
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Quant Title : SVOA CALIBRATION

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

Peak Number 11 4-Chloro-2-nitrophenol Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.06	8.98 ng/ul	1471340	Naphthalene-d8	10.79

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4-Chloro-2-nitrophenol	173	C6H4ClNO3	000089-64-5	98
2			4-Chloro-2-nitrophenol	173	C6H4ClNO3	000089-64-5	97
3			4-Chloro-2-nitrophenol	173	C6H4ClNO3	000089-64-5	95
4			Phenol, 5-chloro-2-nitro-	173	C6H4ClNO3	000611-07-4	90
5			Phenol, 2-chloro-4-nitro-	173	C6H4ClNO3	000619-08-9	86



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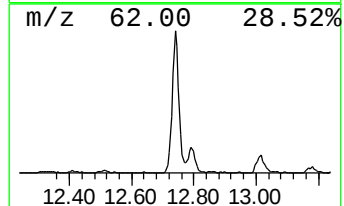
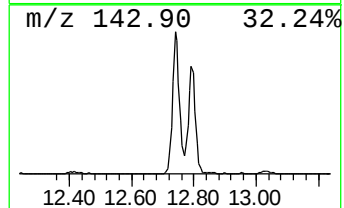
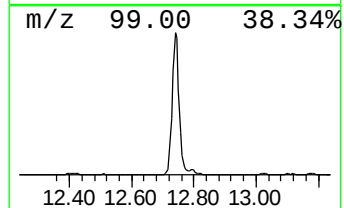
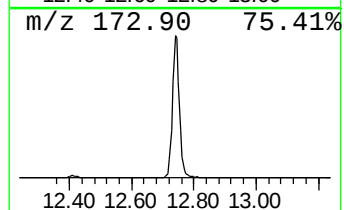
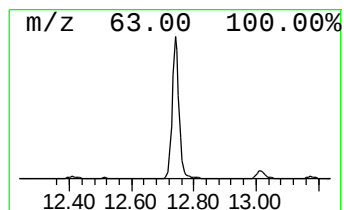
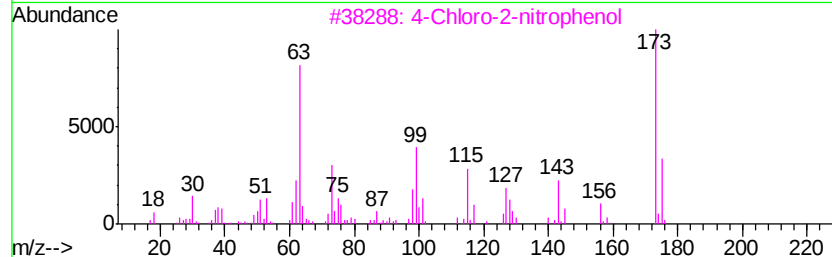
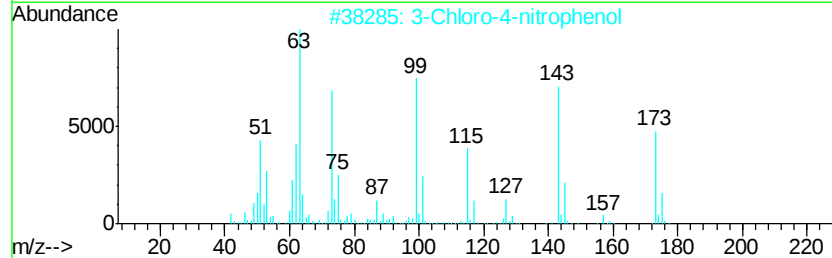
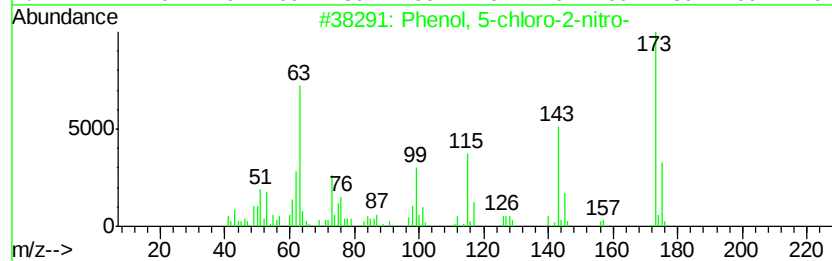
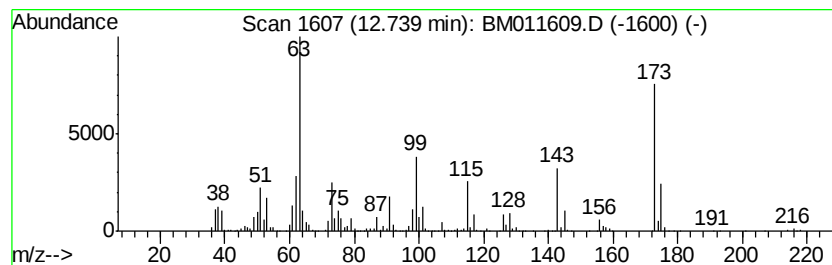
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Peak Number 12 Phenol, 5-chloro-2-nitro- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.74	13.16 ng/ul	2882030	Acenaphthene-d10	14.60

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenol, 5-chloro-2-nitro-	173	C6H4ClNO3	000611-07-4	91
2		3-Chloro-4-nitrophenol	173	C6H4ClNO3	000491-11-2	64
3		4-Chloro-2-nitrophenol	173	C6H4ClNO3	000089-64-5	55
4		1-Chloroethyl sulfone	190	C4H8Cl2O2S	010038-07-0	47
5		Phosgene	98	CCl2O	000075-44-5	43



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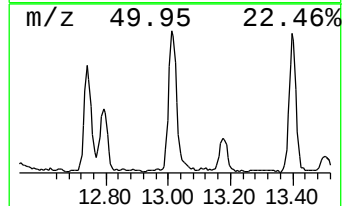
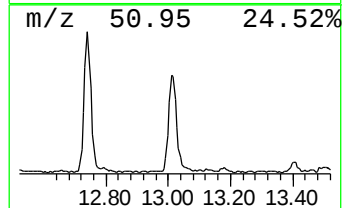
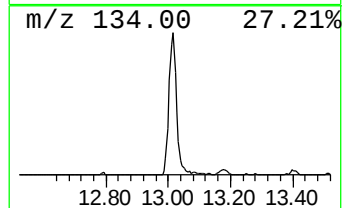
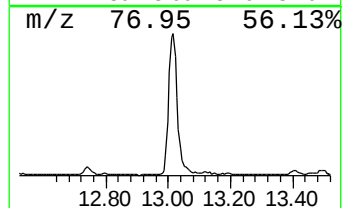
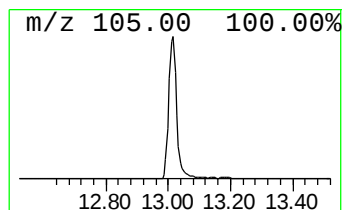
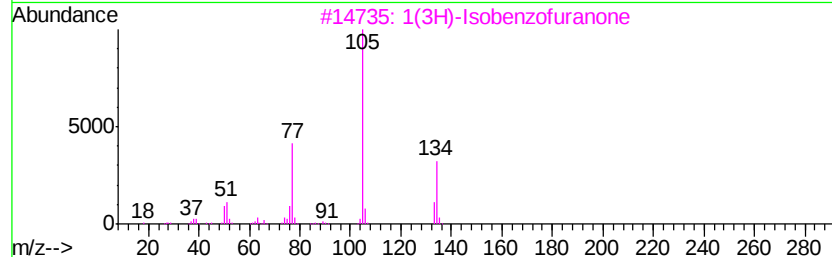
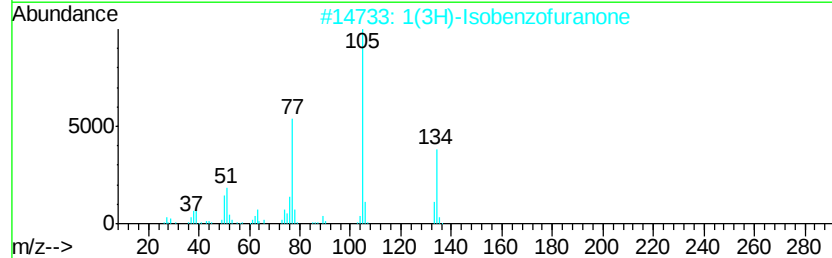
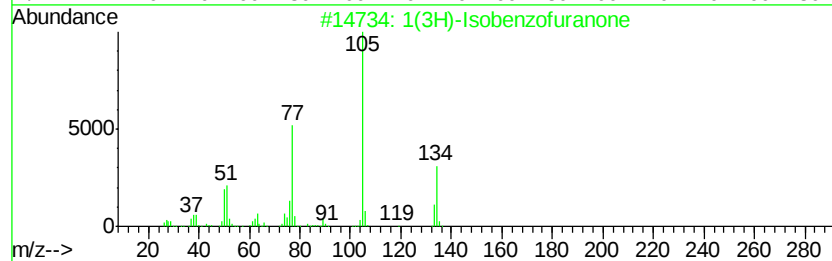
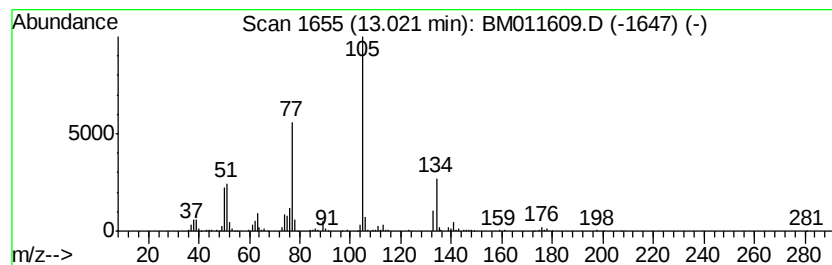
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Quant Title : SVOA CALIBRATION

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

Peak Number 13 1(3H)-Isobenzofuranone Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.02	4.66 ng/ul	1019780	Acenaphthene-d10	14.60

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1(3H)-Isobenzofuranone	134	C8H6O2	000087-41-2	96
2			1(3H)-Isobenzofuranone	134	C8H6O2	000087-41-2	94
3			1(3H)-Isobenzofuranone	134	C8H6O2	000087-41-2	90
4			1,2-Benzenedicarboxaldehyde	134	C8H6O2	000643-79-8	87
5			Benzoic acid, 2-(hydroxymethyl)-	152	C8H8O3	000612-20-4	64



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM091917\
Data File : BM011609.D
Acq On : 19 Sep 2017 18:01
Operator : SJ/JU
Sample : I5271-17
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AJ2

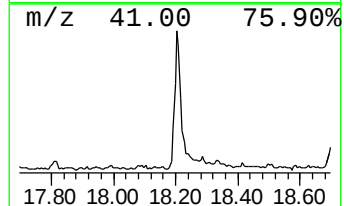
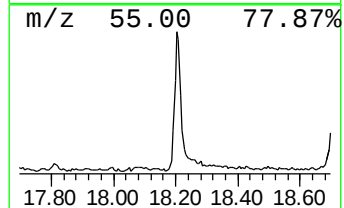
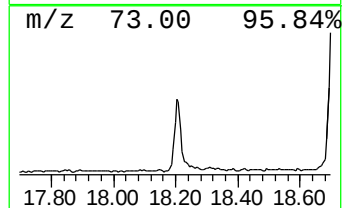
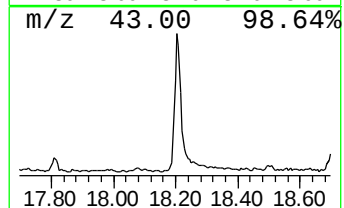
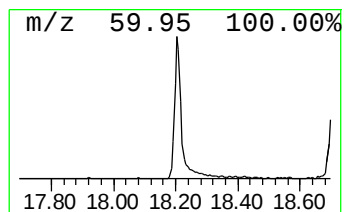
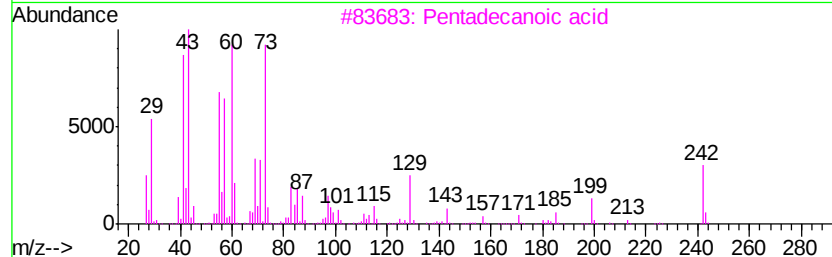
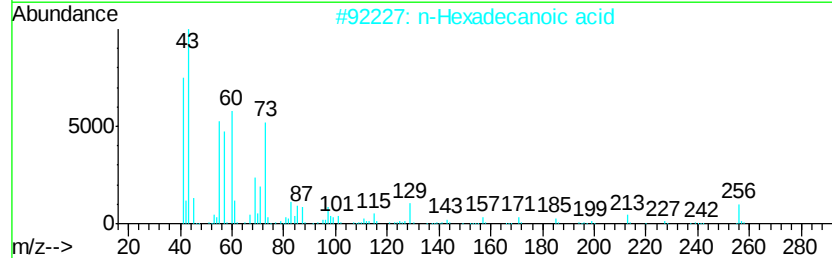
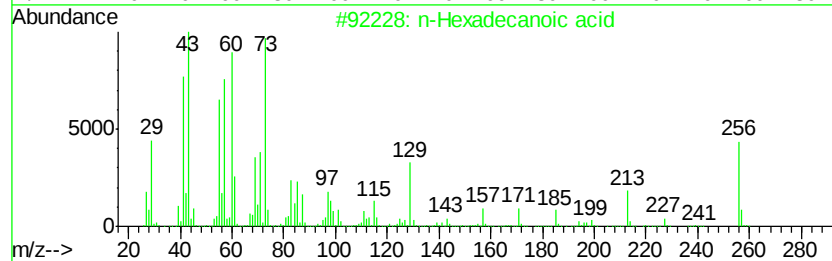
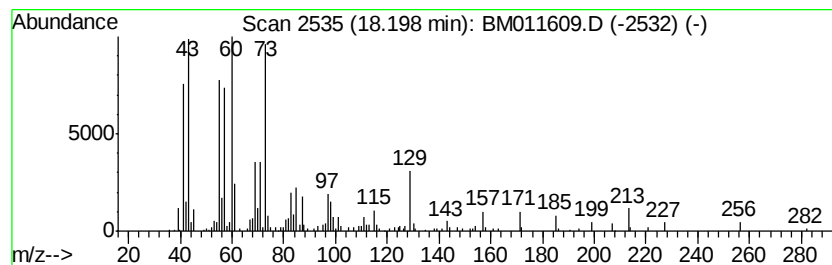
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Quant Title : SVOA CALIBRATION

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

Peak Number 14 n-Hexadecanoic acid Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.20	2.76 ng/ul	715725	Phenanthrene-d10	17.34

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
2			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
3			Pentadecanoic acid	242	C15H30O2	001002-84-2	87
4			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	86
5			Undecanoic acid	186	C11H22O2	000112-37-8	80



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM091917\
Data File : BM011609.D
Acq On : 19 Sep 2017 18:01
Operator : SJ/JU
Sample : I5271-17
Misc :
ALS Vial : 14 Sample Multiplier: 1

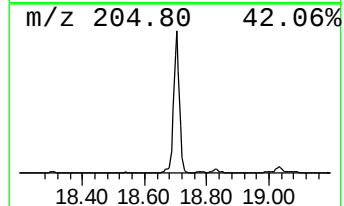
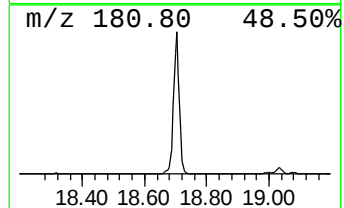
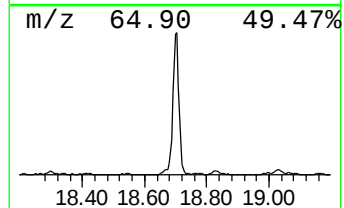
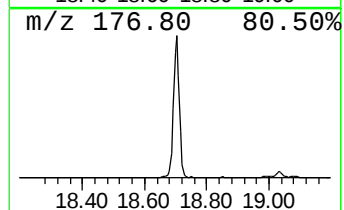
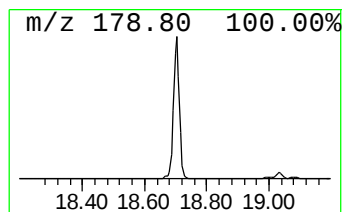
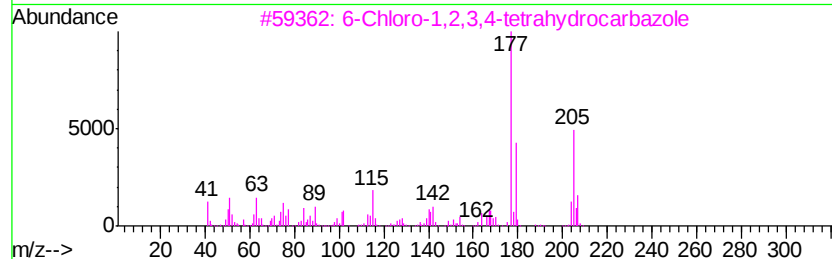
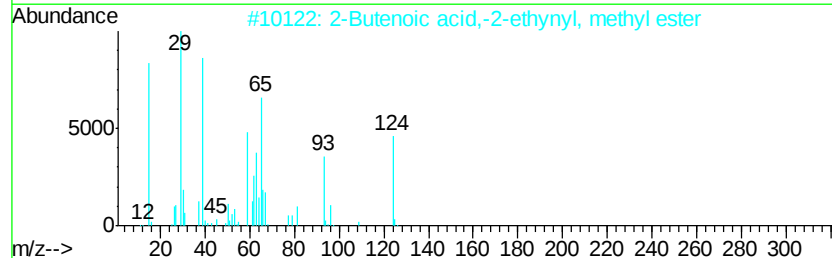
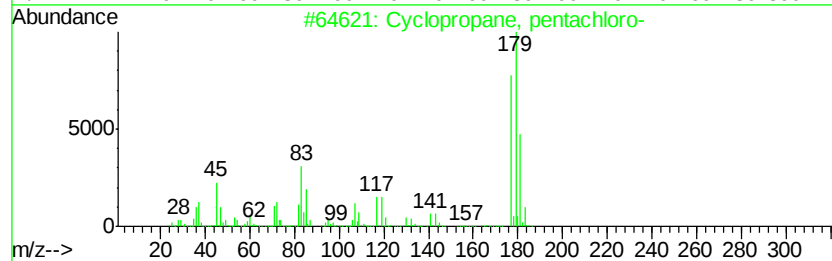
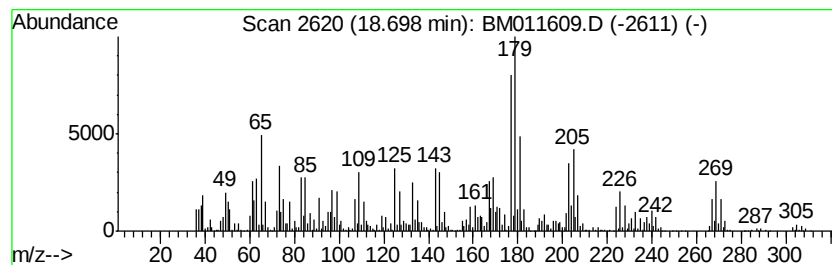
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090817MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 15 unknown-01 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.70	23.06 ng/ul	5982990	Phenanthrene-d10	17.34	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopropane, pentachloro-	212	C3HCl5	006262-51-7	22
2	2-Butenoic acid, -2-ethynyl, meth...	124	C7H8O2	1000222-03-1	17
3	6-Chloro-1,2,3,4-tetrahydrocarba...	205	C12H12ClN	036684-65-8	10
4	4-Chloro-3-quinolinol	179	C9H6ClNO	032435-60-2	10
5	2,4,6-Trifluoronitrobenzene	177	C6H2F3NO2	000315-14-0	10



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM091917\
Data File : BM011609.D
Acq On : 19 Sep 2017 18:01
Operator : SJ/JU
Sample : I5271-17
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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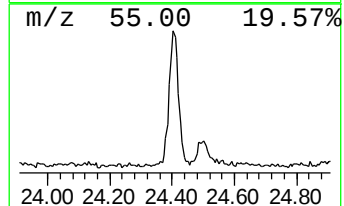
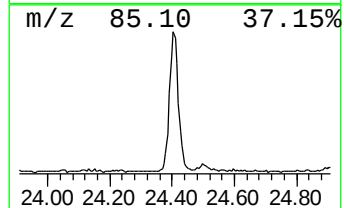
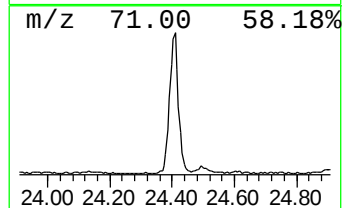
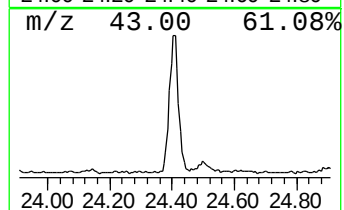
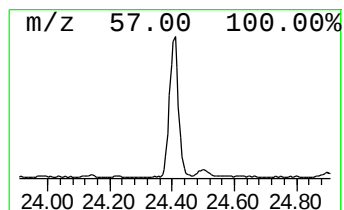
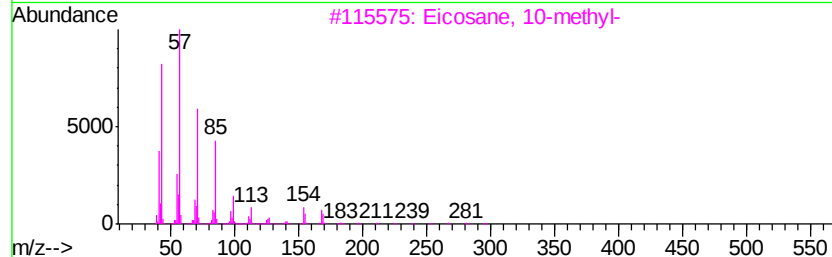
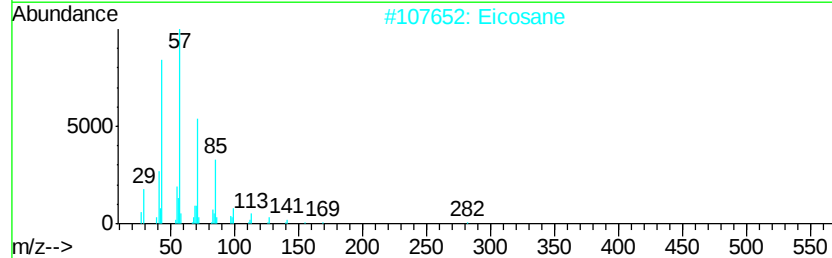
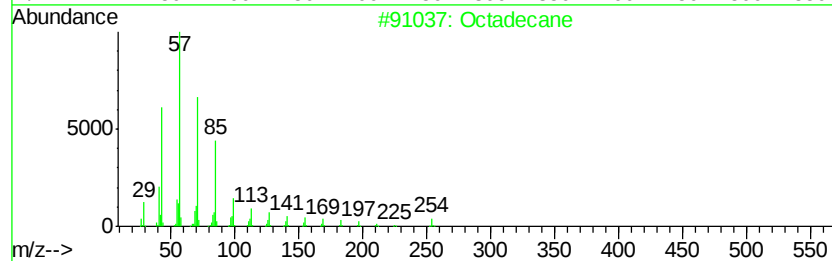
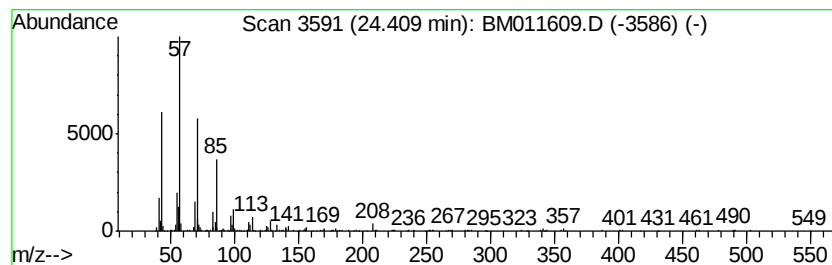
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Quant Title : SVOA CALIBRATION

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

Peak Number 16 (DEL) Alkane: Straight-Chai... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.41	2.79 ng/ul	730236	Perylene-d12	23.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecane	254	C18H38	000593-45-3	94
2		Eicosane	282	C20H42	000112-95-8	90
3		Eicosane, 10-methyl-	296	C21H44	054833-23-7	90
4		Nonadecane, 9-methyl-	282	C20H42	013287-24-6	87
5		Tetratetracontane	619	C44H90	007098-22-8	81



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM091917\
Data File : BM011609.D
Acq On : 19 Sep 2017 18:01
Operator : SJ/JU
Sample : I5271-17
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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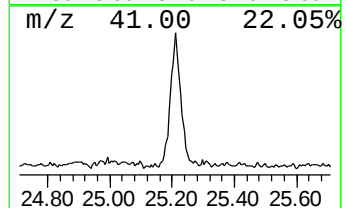
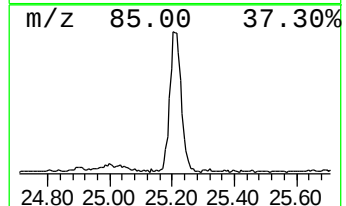
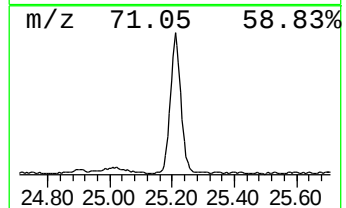
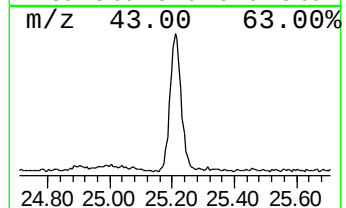
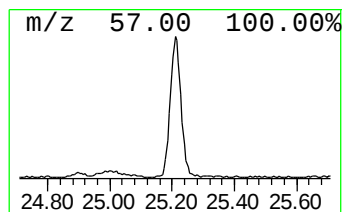
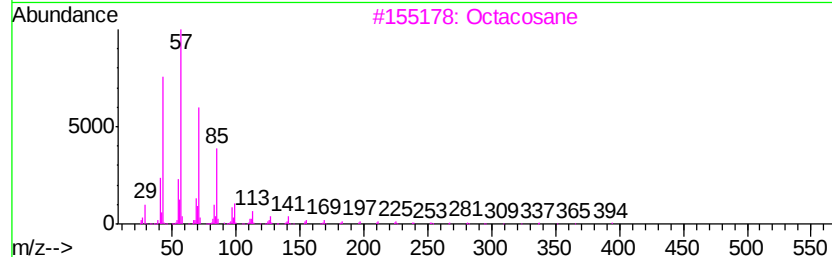
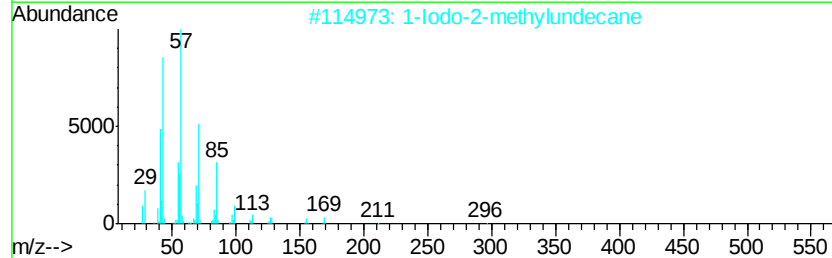
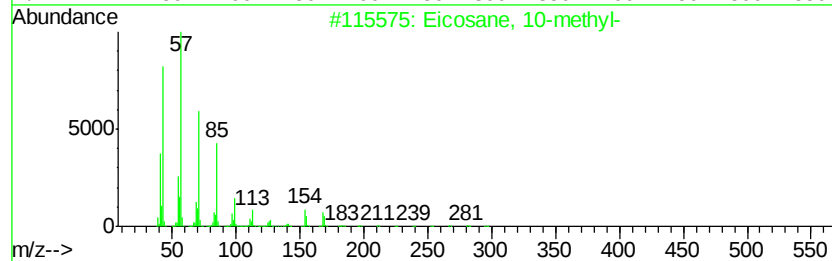
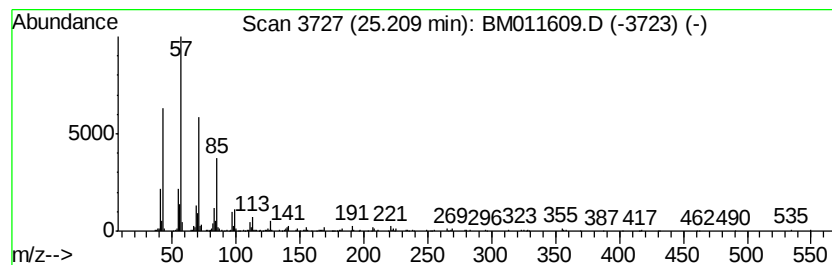
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Quant Title : SVOA CALIBRATION

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

Peak Number 17 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.21	3.23 ng/ul	845456	Perylene-d12	23.87

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Eicosane, 10-methyl-	296	C21H44	054833-23-7	91
2			1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	87
3			Octacosane	394	C28H58	000630-02-4	83
4			Docosane, 7-hexyl-	394	C28H58	055373-86-9	83
5			Tetratriacontane	479	C34H70	014167-59-0	83



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM091917\
Data File : BM011609.D
Acq On : 19 Sep 2017 18:01
Operator : SJ/JU
Sample : I5271-17
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090817MA.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-bromo-...	9.79	7.6	ng/ul	1247050	2	10.79	3278020	20.0
Benzene, 1-chloro...	11.38	92.2	ng/ul	15109100	2	10.79	3278020	20.0
4-Chloro-2-nitrop...	12.06	9.0	ng/ul	1471340	2	10.79	3278020	20.0
Phenol, 5-chloro-...	12.74	13.2	ng/ul	2882030	3	14.60	4380650	20.0
1(3H)-Isobenzofur...	13.02	4.7	ng/ul	1019780	3	14.60	4380650	20.0
n-Hexadecanoic acid	18.20	2.8	ng/ul	715725	4	17.34	5189880	20.0
unknown-01	18.70	23.1	ng/ul	5982990	4	17.34	5189880	20.0
(DEL) Alkane: Str...	24.41	2.8	ng/ul	730236	6	23.87	5238970	20.0
(DEL) Alkane: Str...	25.21	3.2	ng/ul	845456	6	23.87	5238970	20.0