

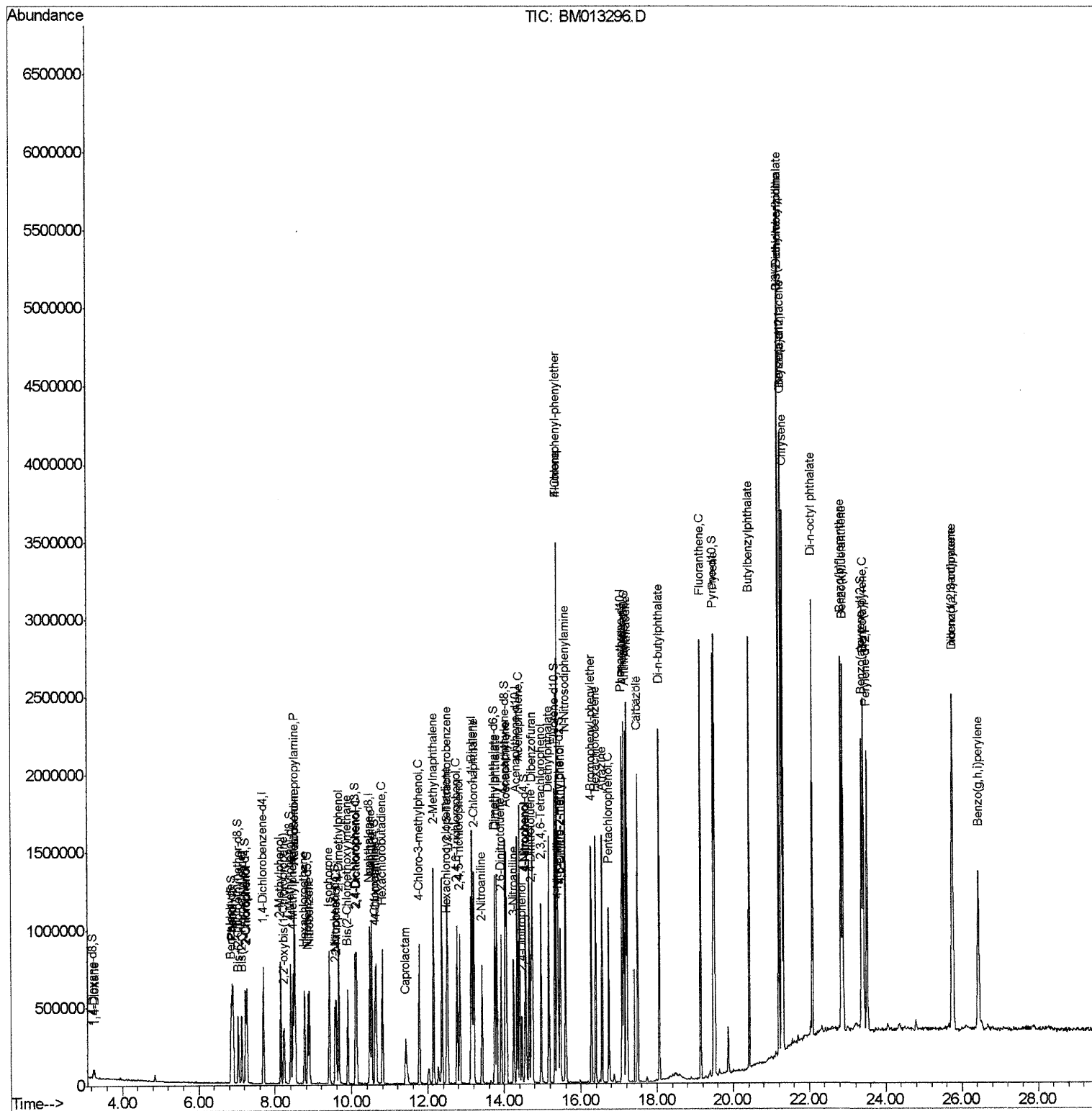
```
Data Path : Z:\HPCHEM1\BNA M\DATA\BM120817\
Data File : BM013296.D
Acq On    : 09 Dec 2017  07:43
Operator  : SJ/JU
Sample    : SSTDCCC020EC
Misc      :
ALS Vial  : 2      Sample Multiplier: 1
```

Instrument :
BNA_M
LabSampleId :
SSTD02025

Manual Integrations

Sohil
12/11/2017 6:16:26 PM

Quant Time: Dec 11 02:55:53 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 08 23:45:50 2017
Response via : Initial Calibration



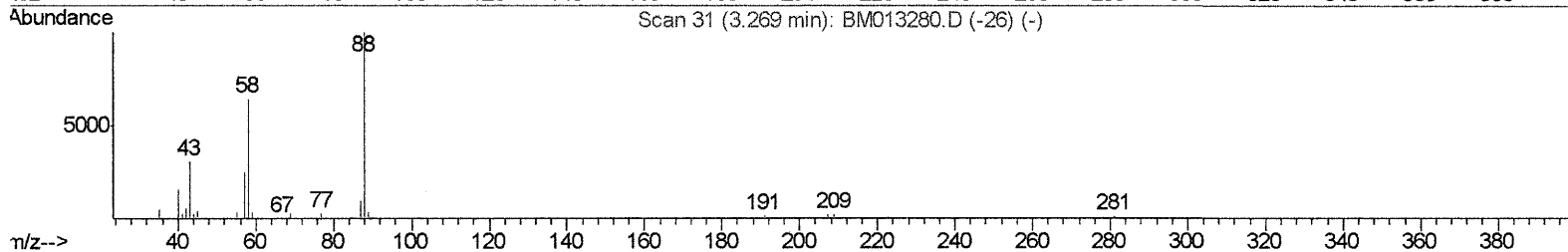
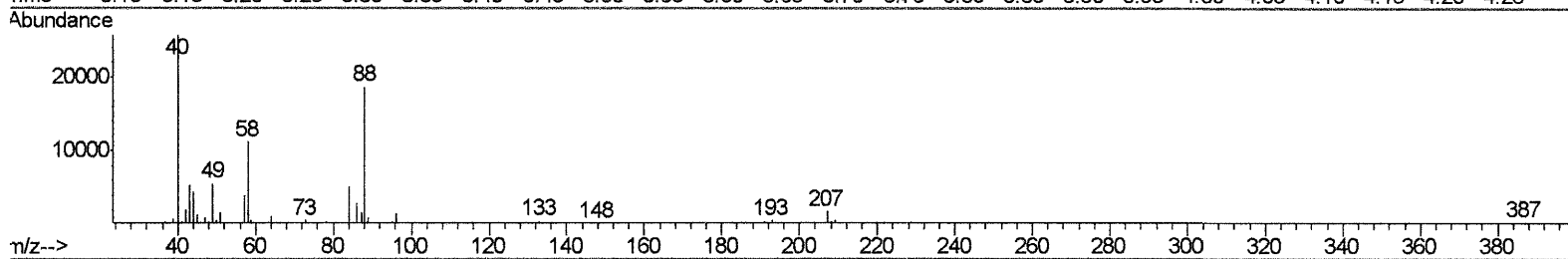
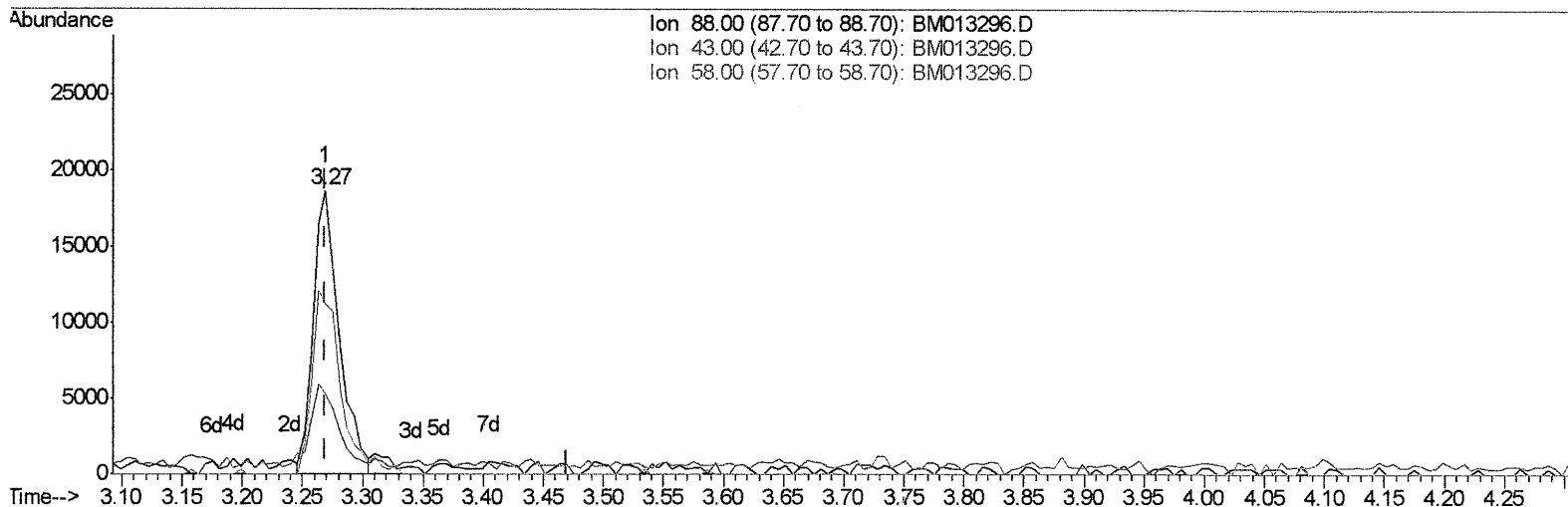
Data Path : Z:\HPCHEM1\BNA M\DATA\BM120817\
 Data File : BM013296.D
 Acq On : 09 Dec 2017 07:43
 Operator : SJ/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 LabSampleID :
 SSTD02025

Manual Integrations
 APPROVED

Sohil
 12/11/2017 6:16:26 PM

Quant Time: Dec 11 00:50:31 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 08 23:45:50 2017
 Response via : Initial Calibration



TIC: BM013296.D

(2) 1,4-Dioxane

3.269min (+0.000) 6.69ng/uL

response 27819

Ion	Exp%	Act%
88.00	100	100
43.00	60.00	30.44#
58.00	100.00	72.32#
0.00	0.00	0.00

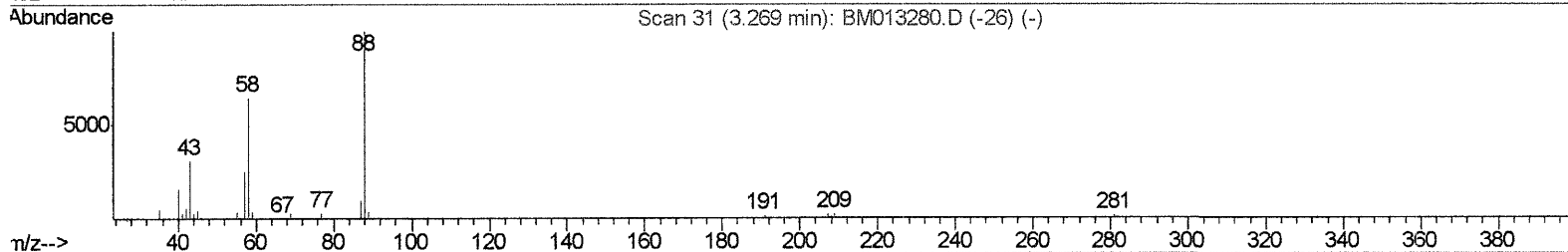
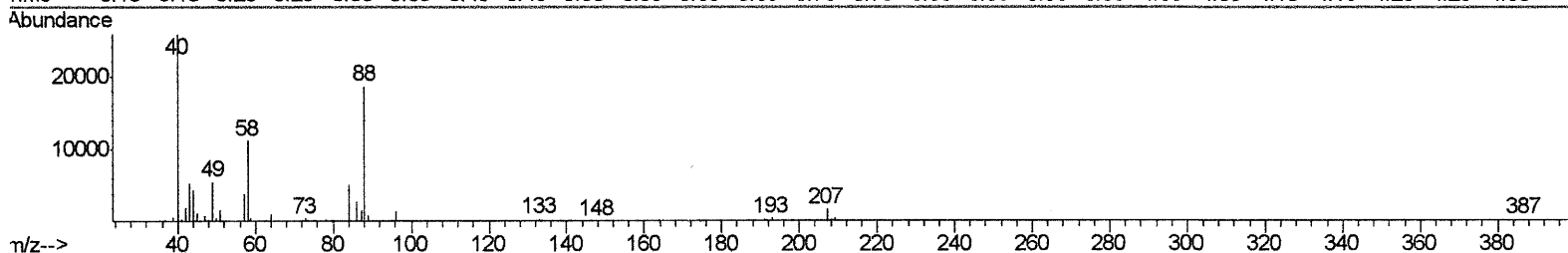
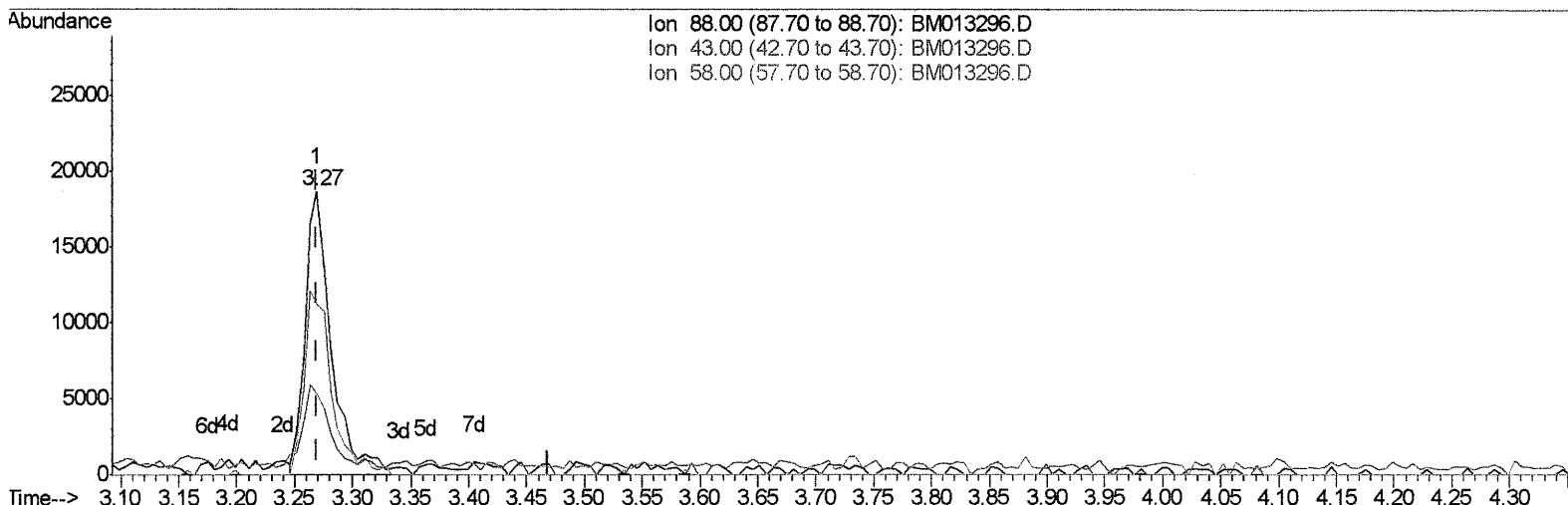
Data Path : Z:\HPCHEM1\BNA M\DATA\BM120817\
 Data File : BM013296.D
 Acq On : 09 Dec 2017 07:43
 Operator : SJ/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 LabSampleID :
 SSTD02025

Manual Integrations
 APPROVED

Sohil
 12/11/2017 6:16:26 PM

Quant Time: Dec 11 00:50:31 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 08 23:45:50 2017
 Response via : Initial Calibration



TIC: BM013296.D

(2) 1,4-Dioxane

3.269min (+0.000) 7.14ng/uL m> 51 12/11/17

response 29698

Ion	Exp%	Act%
88.00	100	100
43.00	60.00	28.51#
58.00	100.00	67.74#
0.00	0.00	0.00

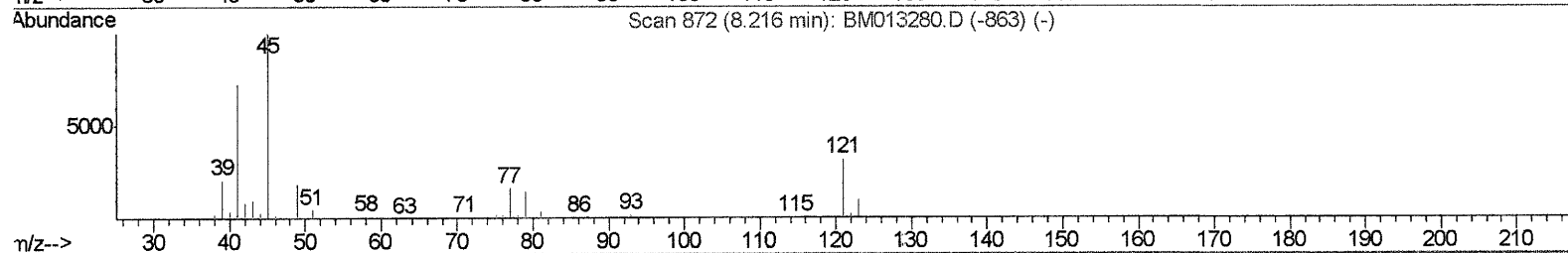
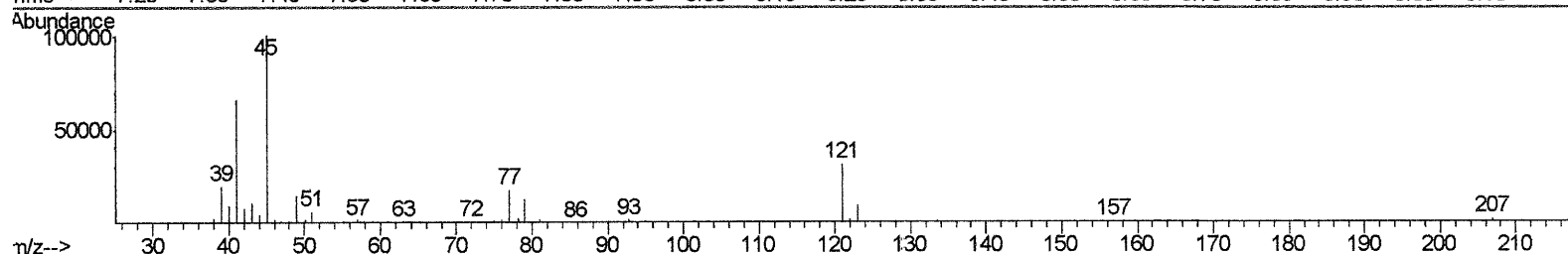
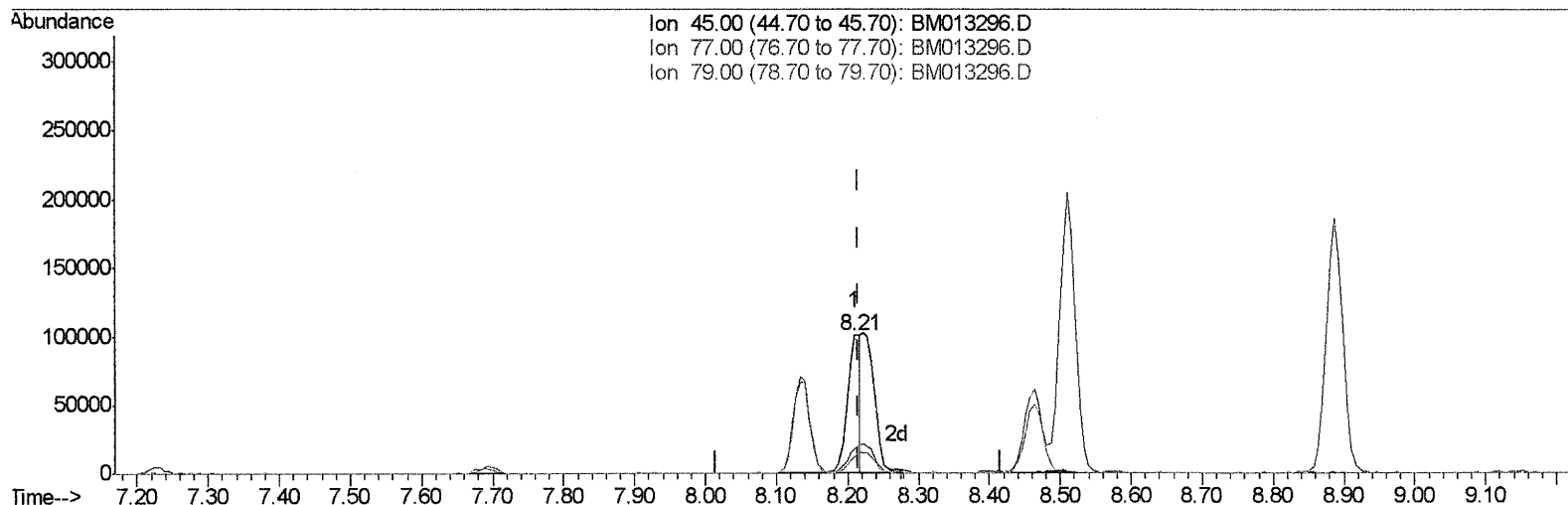
Data Path : Z:\HPCHEM1\BNA M\DATA\BM120817\
 Data File : BM013296.D
 Acq On : 09 Dec 2017 07:43
 Operator : SJ/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 LabSampleId :
 SSTD02025

Manual Integrations
 APPROVED

Sohil
 12/11/2017 6:16:26 PM

Quant Time: Dec 11 00:50:31 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 08 23:45:50 2017
 Response via : Initial Calibration



TIC: BM013296.D

(12) 2,2'-oxybis(1-Chloropropane)

8.210min (-0.006) 10.10ng/ul

response 127220

Ion	Exp%	Act%
45.00	100	100
77.00	10.00	17.55#
79.00	10.00	12.43#
0.00	0.00	0.00

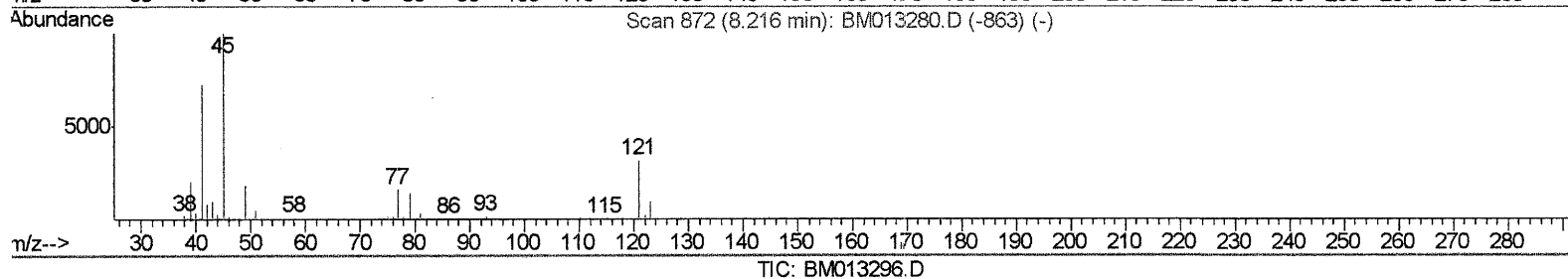
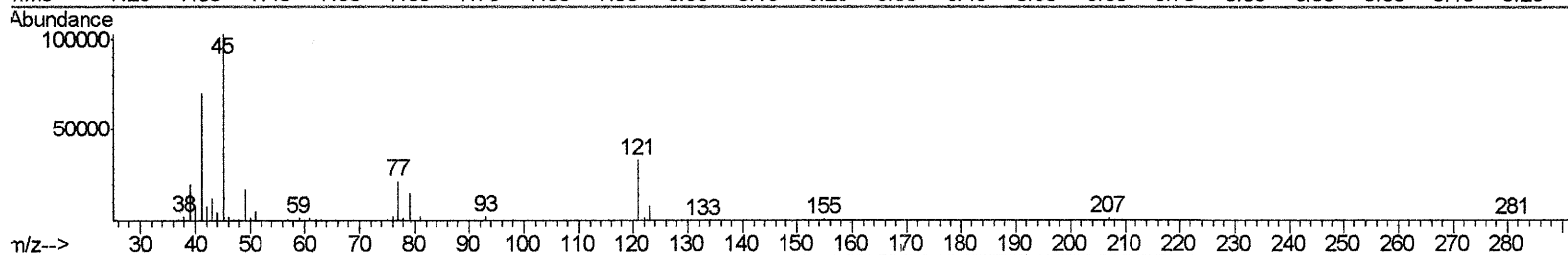
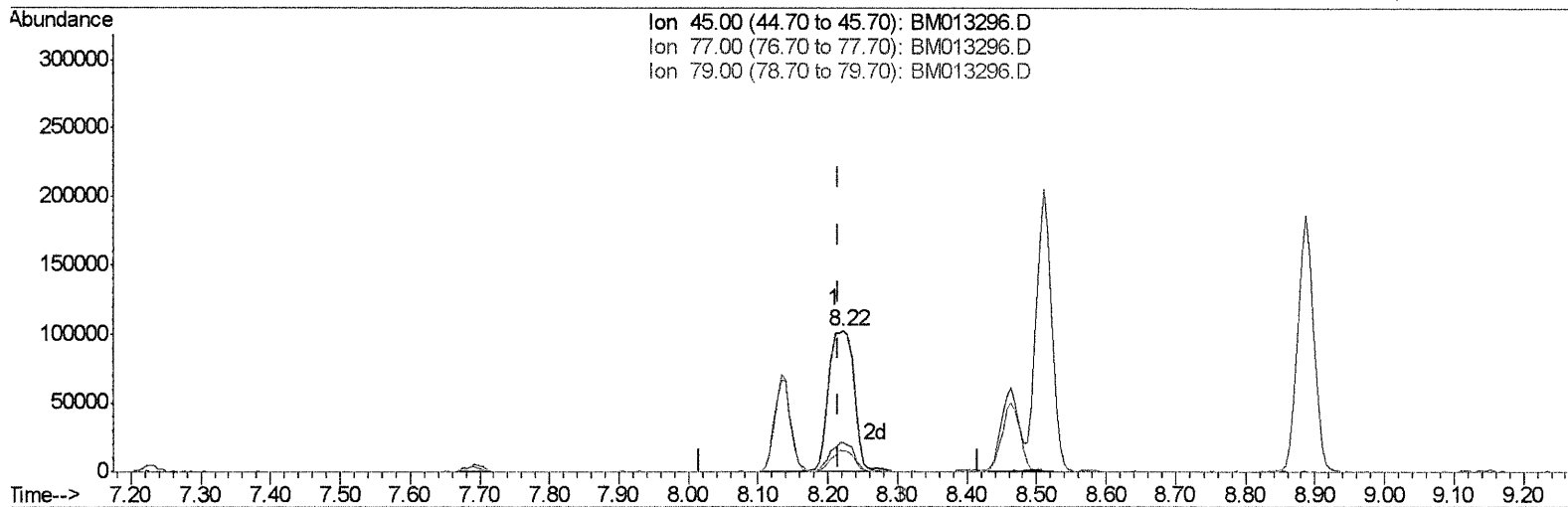
Data Path : Z:\HPCHEM1\BNA M\DATA\BM120817\
 Data File : BM013296.D
 Acq On : 09 Dec 2017 07:43
 Operator : SJ/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 LabSampleId :
 SSTD02025

Manual Integrations
 APPROVED

Sohil
 12/11/2017 6:16:26 PM

Quant Time: Dec 11 00:50:31 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 08 23:45:50 2017
 Response via : Initial Calibration



(12) 2,2'-oxybis(1-Chloropropane)

8.222min (+0.006) 20.36ng/ul > SJ 12/11/17

response 256303

Ion	Exp%	Act%
45.00	100	100
77.00	10.00	21.10#
79.00	10.00	14.45#
0.00	0.00	0.00

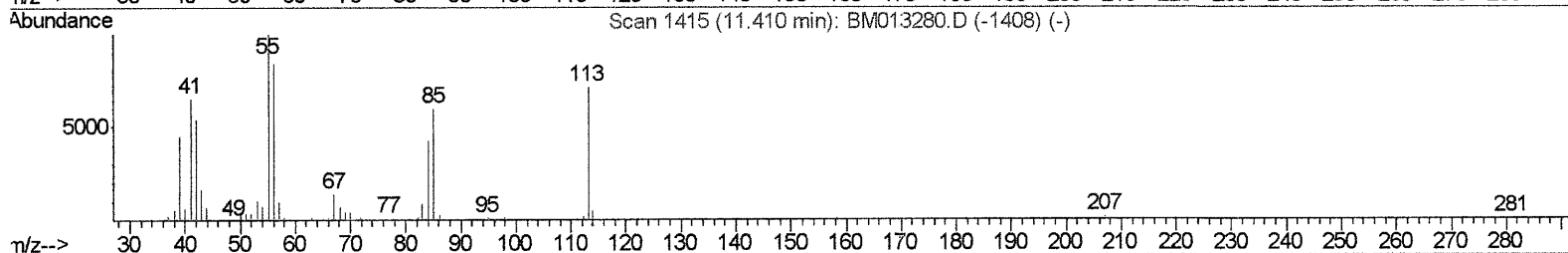
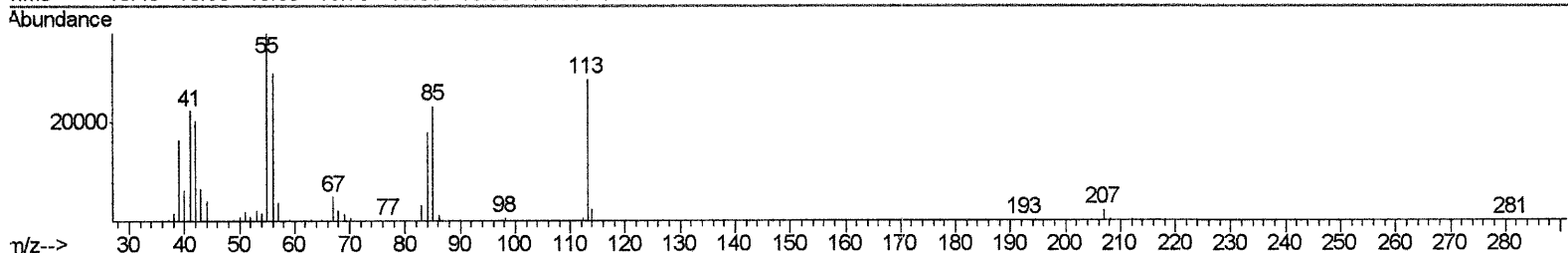
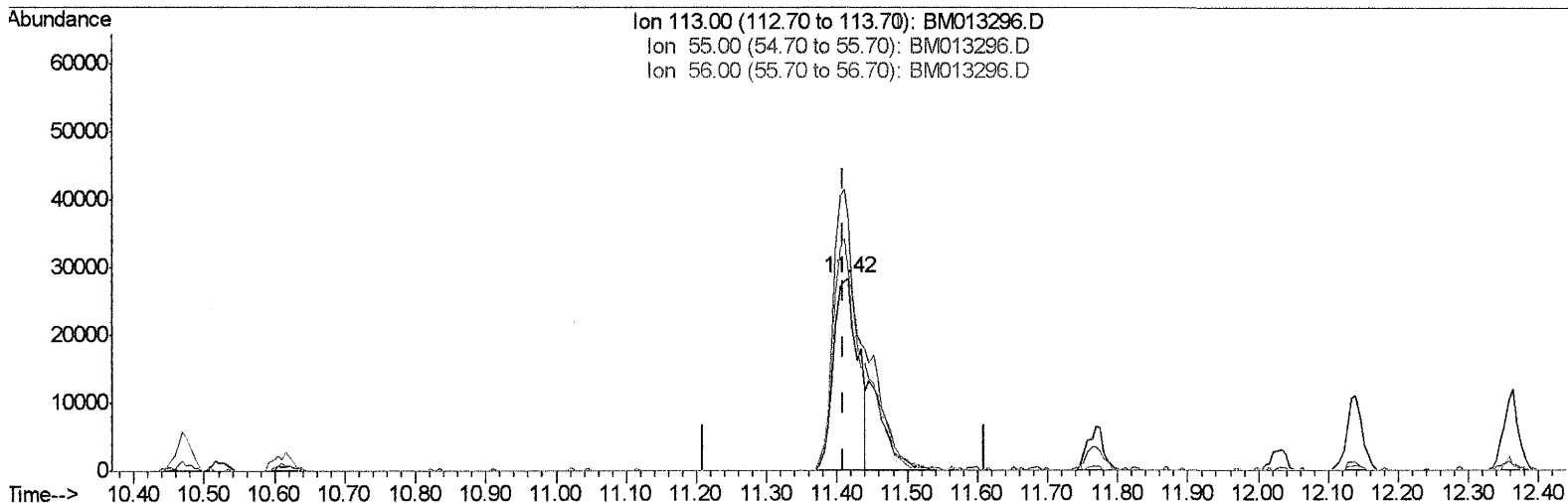
Data Path : Z:\HPCHEM1\BNA M\DATA\BM120817\
 Data File : BM013296.D
 Acq On : 09 Dec 2017 07:43
 Operator : SJ/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 LabSampleID :
 SSTD02025

Manual Integrations
 APPROVED

Sohil
 12/11/2017 6:16:26 PM

Quant Time: Dec 11 00:50:31 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 08 23:45:50 2017
 Response via : Initial Calibration



TIC: BM013296.D

(32) Caprolactam

11.416min (+0.006) 16.51ng/ul

response 69009

Ion	Exp%	Act%
113.00	100	100
55.00	260.00	131.86#
56.00	200.00	103.77#
0.00	0.00	0.00

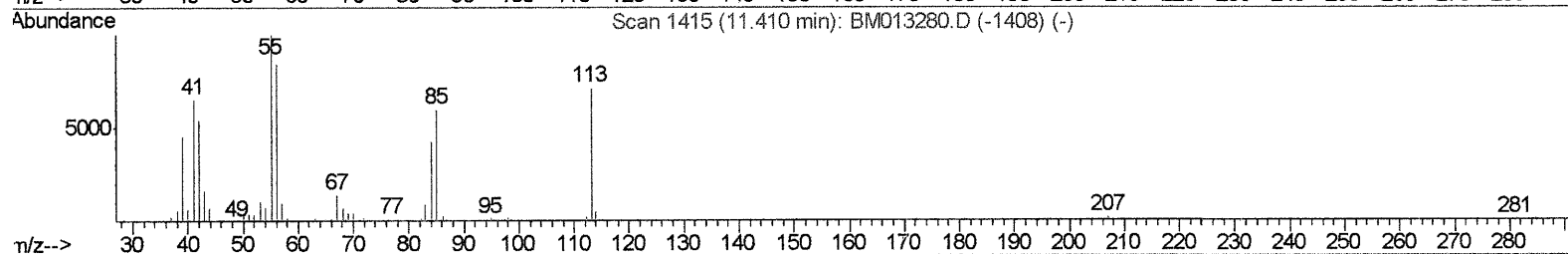
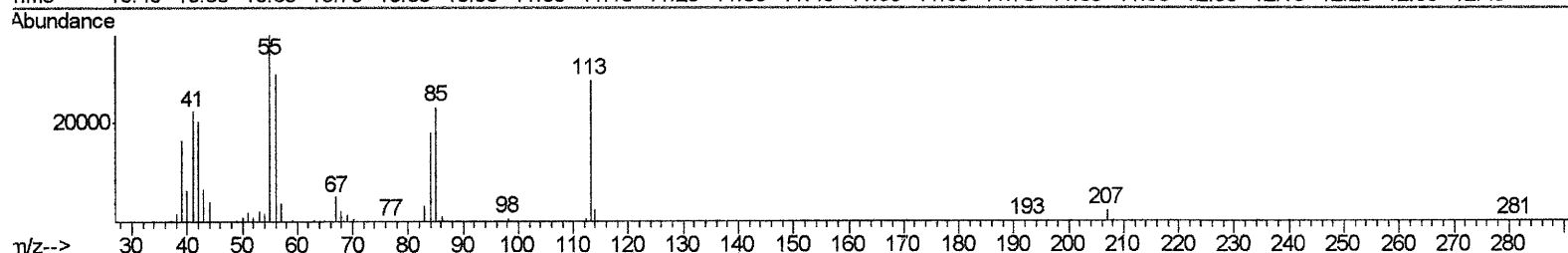
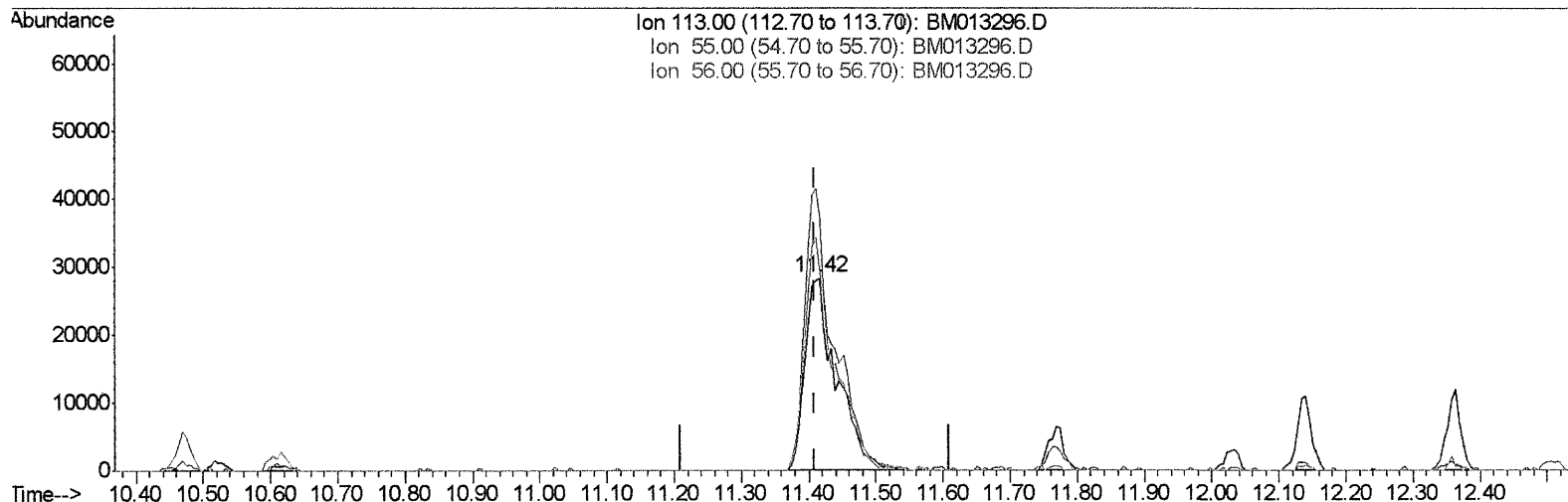
Data Path : Z:\HPCHEM1\BNA M\DATA\BM120817\
 Data File : BM013296.D
 Acq On : 09 Dec 2017 07:43
 Operator : SJ/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 LabSampleID :
 SSTD02025

Manual Integrations
 APPROVED

Sohil
 12/11/2017 6:16:26 PM

Quant Time: Dec 11 00:50:31 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 08 23:45:50 2017
 Response via : Initial Calibration



TIC: BM013296.D

(32) Caprolactam

11.416min (+0.006) 22.03ng/ul m> SJ 12/11/17

response 92084

Ion	Exp%	Act%
113.00	100	100
55.00	260.00	131.86#
56.00	200.00	103.77#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA M\DATA\BM120817\
 Data File : BM013296.D
 Acq On : 09 Dec 2017 07:43
 Operator : SJ/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 LabSampleID :
 SSTD02025

Manual Integrations
 APPROVED

Sohil
 12/11/2017 6:16:26 PM

Quant Time: Dec 11 02:55:53 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 08 23:45:50 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	183371	20.00	ng/ul	0.00
18) Naphthalene-d8	10.47	136	809618	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.33	164	510026	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.08	188	1247812	20.00	ng/ul	0.00
75) Chrysene-d12	21.27	240	1451205	20.00	ng/ul	0.00
83) Perylene-d12	23.50	264	1334872	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.23	96	26355	7.12	ng/uL	0.00
5) Phenol-d5	6.87	99	304218	19.17	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.03	67	174026	19.23	ng/ul	0.00
9) 2-Chlorophenol-d4	7.23	132	247397	19.95	ng/ul	0.00
13) 4-Methylphenol-d8	8.40	113	265267	19.57	ng/ul	0.00
19) Nitrobenzene-d5	8.85	128	130823	20.38	ng/ul	0.00
22) 2-Nitrophenol-d4	9.56	143	141349	20.57	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.10	165	279520	19.74	ng/ul	0.00
29) 4-Chloroaniline-d4	10.61	131	319433	24.54	ng/ul	0.00
43) Dimethylphthalate-d6	13.75	166	866225	19.09	ng/ul	0.00
46) Acenaphthylene-d8	14.03	160	1090812	19.48	ng/ul	0.00
51) 4-Nitrophenol-d4	14.54	143	155601	19.73	ng/ul	0.00
57) Fluorene-d10	15.33	176	738339	18.92	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.46	200	142489	18.15	ng/ul	0.00
70) Anthracene-d10	17.18	188	1218832	19.50	ng/ul	0.00
76) Pyrene-d10	19.48	212	1427152	19.74	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.36	264	1322910	19.46	ng/ul	0.00

Target Compounds

					Ovalue	
2) 1,4-Dioxane	3.27	88	29698m)	7.145	ng/uL	
4) Benzaldehyde	6.85	77	161798	20.610	ng/ul#	83
6) Phenol	6.90	94	312580	19.930	ng/ul#	81
8) Bis(2-Chloroethyl)ether	7.13	93	231313	19.289	ng/ul	94
10) 2-Chlorophenol	7.26	128	239567	19.707	ng/ul	98
11) 2-Methylphenol	8.13	108	237964	19.618	ng/ul	94
12) 2,2'-oxybis(1-Chloropropan	8.22	45	256303m)	20.356	ng/ul	
14) Acetophenone	8.51	105	401183	19.463	ng/ul	88
15) N-Nitroso-di-n-propylamine	8.50	70	200038	19.267	ng/ul#	69
16) 4-Methylphenol	8.46	108	258397	19.920	ng/ul	96
17) Hexachloroethane	8.76	117	102376	19.343	ng/ul#	77
20) Nitrobenzene	8.89	77	305738	18.903	ng/ul	94
21) Isophorone	9.41	82	562828	19.776	ng/ul#	93
23) 2-Nitrophenol	9.59	139	145287	20.394	ng/ul#	78
24) 2,4-Dimethylphenol	9.66	107	299489	19.275	ng/ul#	86
25) Bis(2-Chloroethoxy)methane	9.89	93	325879	19.565	ng/ul	96
27) 2,4-Dichlorophenol	10.12	162	260942	19.950	ng/ul	94
28) Naphthalene	10.52	128	809745	19.440	ng/ul	99
30) 4-Chloroaniline	10.63	127	310389	24.634	ng/ul	93
31) Hexachlorobutadiene	10.80	225	177563	18.741	ng/ul	97
32) Caprolactam	11.42	113	92084m)	22.028	ng/ul	
33) 4-Chloro-3-methylphenol	11.77	107	286609	19.975	ng/ul	96
34) 2-Methylnaphthalene	12.14	142	607781	19.410	ng/ul	95

SD 12/11/17

SD 12/11/17

SD 12/11/17

Data Path : Z:\HPCHEM1\BNA M\DATA\BM120817\
 Data File : BM013296.D
 Acq On : 09 Dec 2017 07:43
 Operator : SJ/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 LabSampleId :
 SSTD02025

Manual Integrations
 APPROVED

Sohil
 12/11/2017 6:16:26 PM

Quant Time: Dec 11 02:55:53 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 08 23:45:50 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.51	216	347214	18.867	ng/ul	96
37) Hexachlorocyclopentadiene	12.49	237	176339	14.558	ng/ul	96
38) 2,4,6-Trichlorophenol	12.76	196	227092	19.793	ng/ul	98
39) 2,4,5-Trichlorophenol	12.83	196	242900	19.931	ng/ul	95
40) 1,1'-Biphenyl	13.16	154	821911	19.068	ng/ul	99
41) 2-Chloronaphthalene	13.20	162	649040	19.192	ng/ul	100
42) 2-Nitroaniline	13.42	65	195482	19.730	ng/ul	87
44) Dimethylphthalate	13.80	163	830832	19.140	ng/ul	98
45) 2,6-Dinitrotoluene	13.92	165	175558	19.830	ng/ul	98
47) Acenaphthylene	14.05	152	1000217	19.298	ng/ul	98
48) 3-Nitroaniline	14.24	138	173257	21.894	ng/ul	89
49) Acenaphthene	14.40	153	675038	19.119	ng/ul	99
50) 2,4-Dinitrophenol	14.46	184	85452	17.442	ng/ul	92
52) 4-Nitrophenol	14.56	109	150079	19.400	ng/ul#	81
53) Dibenzofuran	14.73	168	989261	18.979	ng/ul	99
54) 2,4-Dinitrotoluene	14.71	165	255868	19.867	ng/ul	86
55) 2,3,4,6-Tetrachlorophenol	14.96	232	227483	20.357	ng/ul#	91
56) Diethylphthalate	15.17	149	850835	19.543	ng/ul	96
58) Fluorene	15.39	166	820308	19.024	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.39	204	435564	18.611	ng/ul	98
60) 4-Nitroaniline	15.42	138	195886	20.980	ng/ul	96
63) 4,6-Dinitro-2-methylphenol	15.47	198	143899	18.344	ng/ul	91
64) N-Nitrosodiphenylamine	15.60	169	717036	19.507	ng/ul	96
65) 4-Bromophenyl-phenylether	16.27	248	280969	19.155	ng/ul	94
66) Hexachlorobenzene	16.39	284	307003	18.979	ng/ul#	90
67) Atrazine	16.56	200	291664	21.497	ng/ul	95
68) Pentachlorophenol	16.73	266	183683	19.633	ng/ul	99
69) Phenanthrene	17.12	178	1363746	19.237	ng/ul	99
71) Anthracene	17.22	178	1391566	19.204	ng/ul	99
72) Carbazole	17.49	167	1218435	19.549	ng/ul	99
73) Di-n-butylphthalate	18.06	149	1538297	21.142	ng/ul	98
74) Fluoranthene	19.14	202	1705371	19.630	ng/ul#	93
77) Pvrene	19.51	202	1726293	19.580	ng/ul#	93
78) Butylbenzylphthalate	20.42	149	731076	21.223	ng/ul	95
79) 3,3'-Dichlorobenzidine	21.19	252	597811	19.596	ng/ul#	95
80) Benzo(a)anthracene	21.26	228	1763409	19.152	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.19	149	1105950	21.300	ng/ul#	97
82) Chrysene	21.31	228	1638196	19.178	ng/ul	100
84) Di-n-octyl phthalate	22.07	149	1780634	18.759	ng/ul	100
85) Benzo(b)fluoranthene	22.83	252	1758617	19.543	ng/ul#	97
86) Benzo(k)fluoranthene	22.87	252	1558747	18.407	ng/ul#	99
88) Benzo(a)pyrene	23.40	252	1556738	19.258	ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	25.74	276	1617612	20.168	ng/ul#	94
90) Dibenzo(a,h)anthracene	25.75	278	1382874	20.249	ng/ul#	96
91) Benzo(g,h,i)perylene	26.42	276	1305077	20.629	ng/ul#	96

(#) = qualifier out of range (m) = manual integration (+) = signals summed