

Data File : BN009726.D

Acq On : 14 Feb 2020 15:25

Operator : CG/JU

Sample : K5695-13

Misc : MDL-WATER-06

ALS Vial : 9 Sample Multiplier: 1

Instrument :

BNA_N

ClientSampleId :

MDL-WATER-06

Manual Integrations
APPROVED

mohammad
2/17/2020 3:50:13 PM

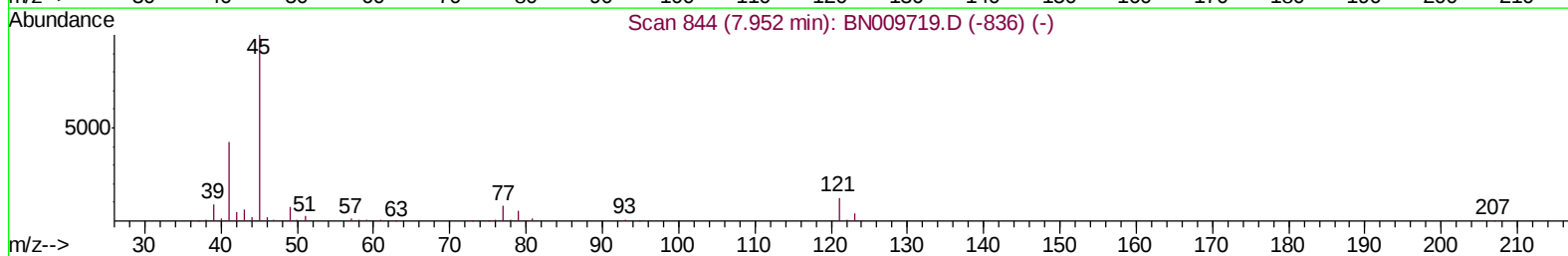
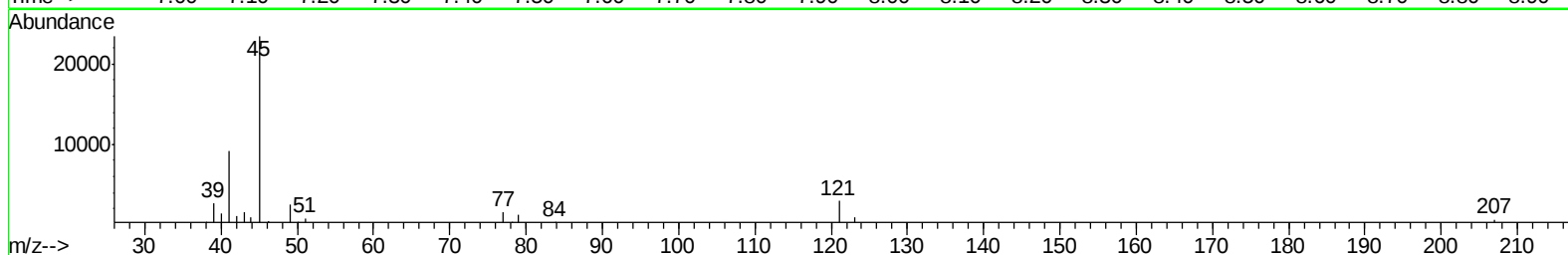
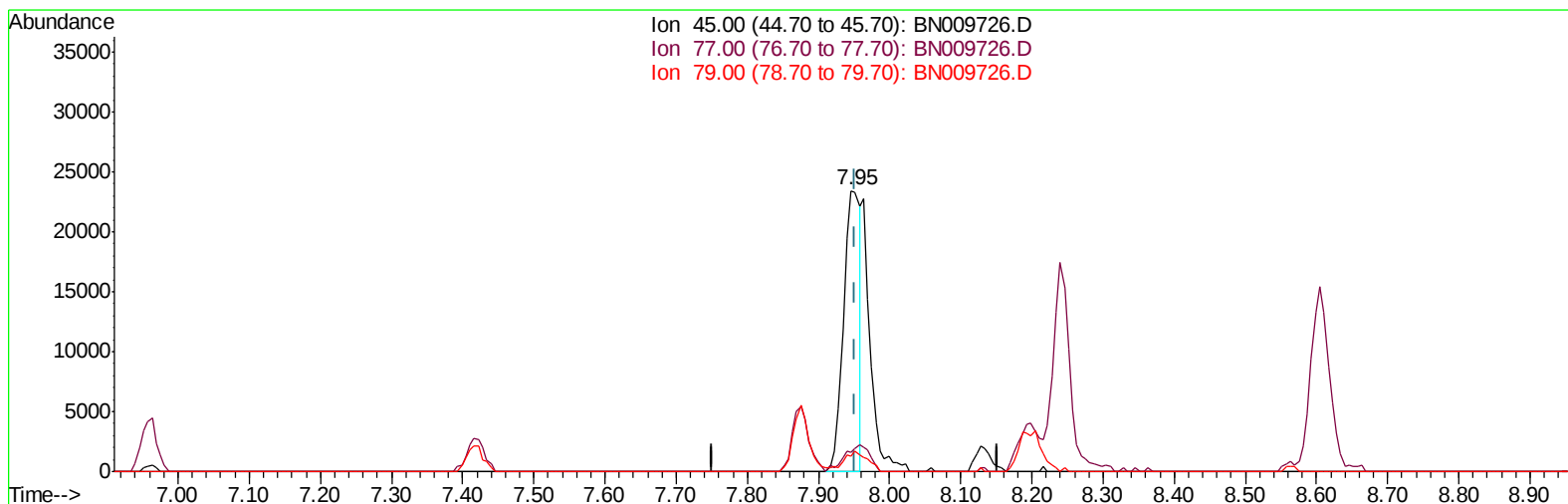
Quant Time: Feb 17 00:53:14 2020

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Mon Feb 17 00:47:25 2020

Response via : Initial Calibration



TIC: BN009726.D

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

7.946min (-0.006) 1.99ng/ul

response 38003

Ion	Exp%	Act%
45.00	100	100
77.00	7.90	6.87
79.00	6.40	5.52
0.00	0.00	0.00

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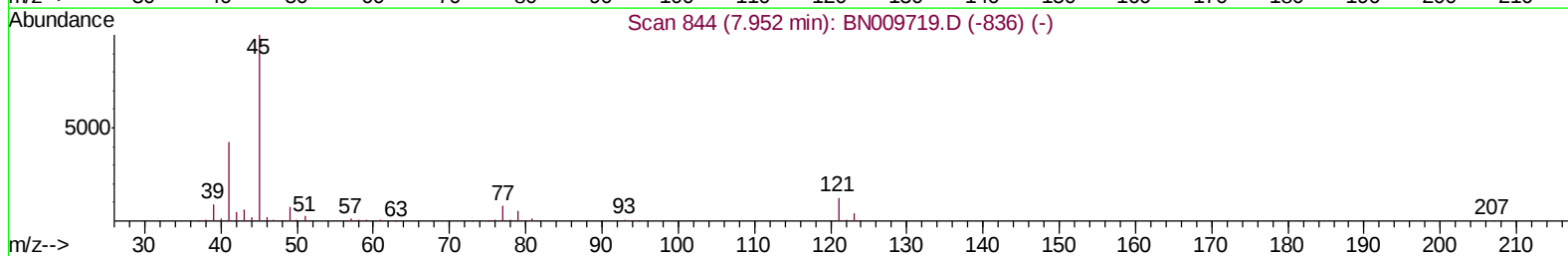
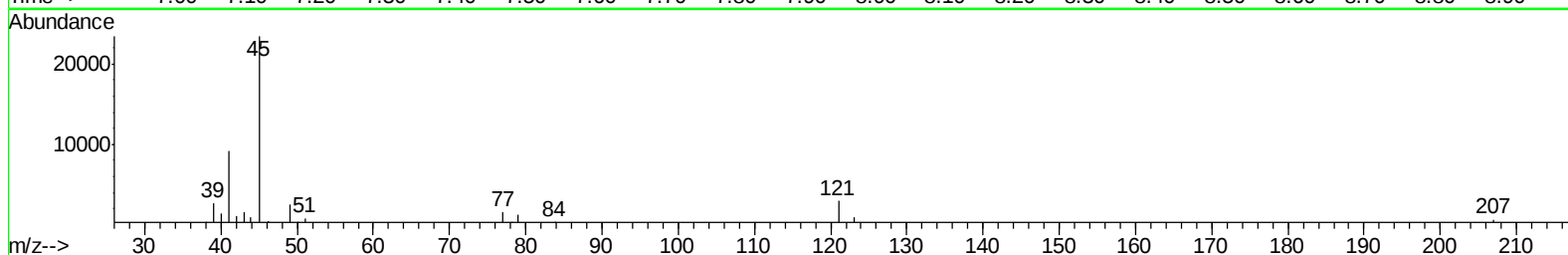
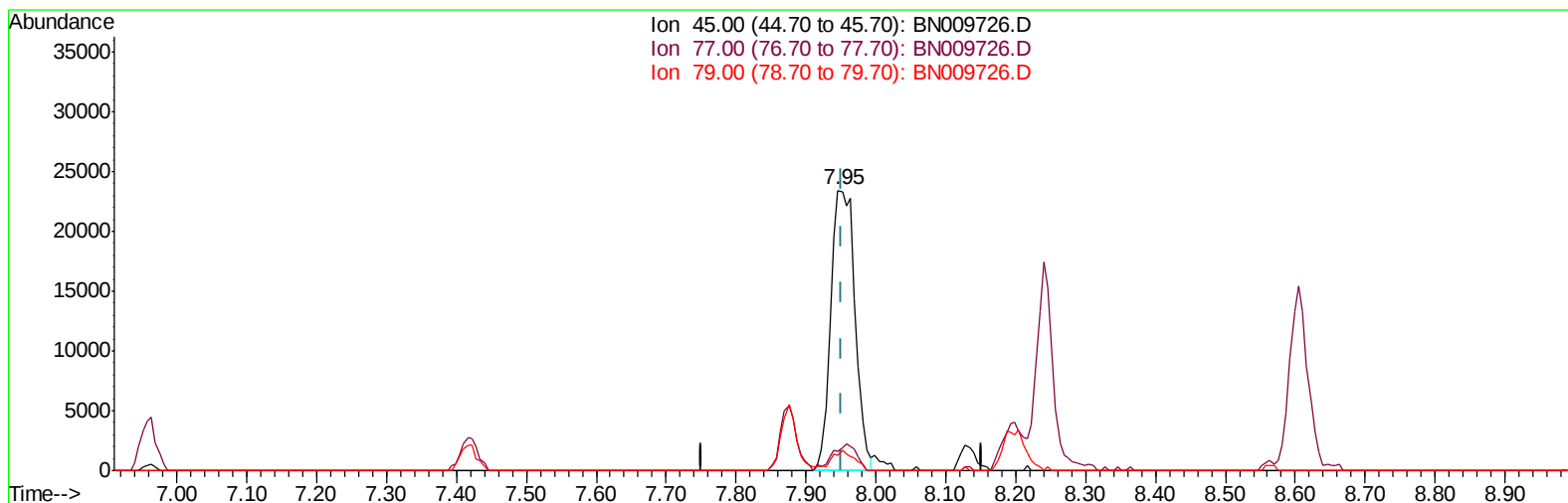
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TIC: BN009726.D

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

7.946min (-0.006) 2.96ng/ul m

response 56591

Ion	Exp%	Act%
45.00	100	100
77.00	7.90	6.87
79.00	6.40	5.52
0.00	0.00	0.00

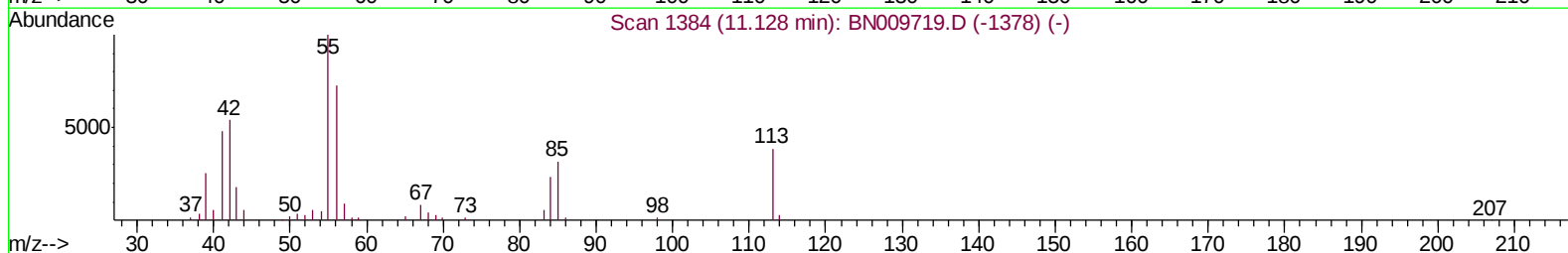
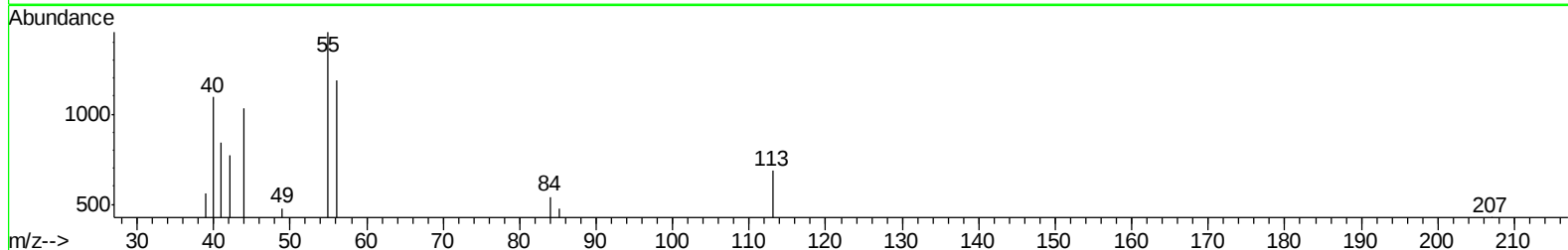
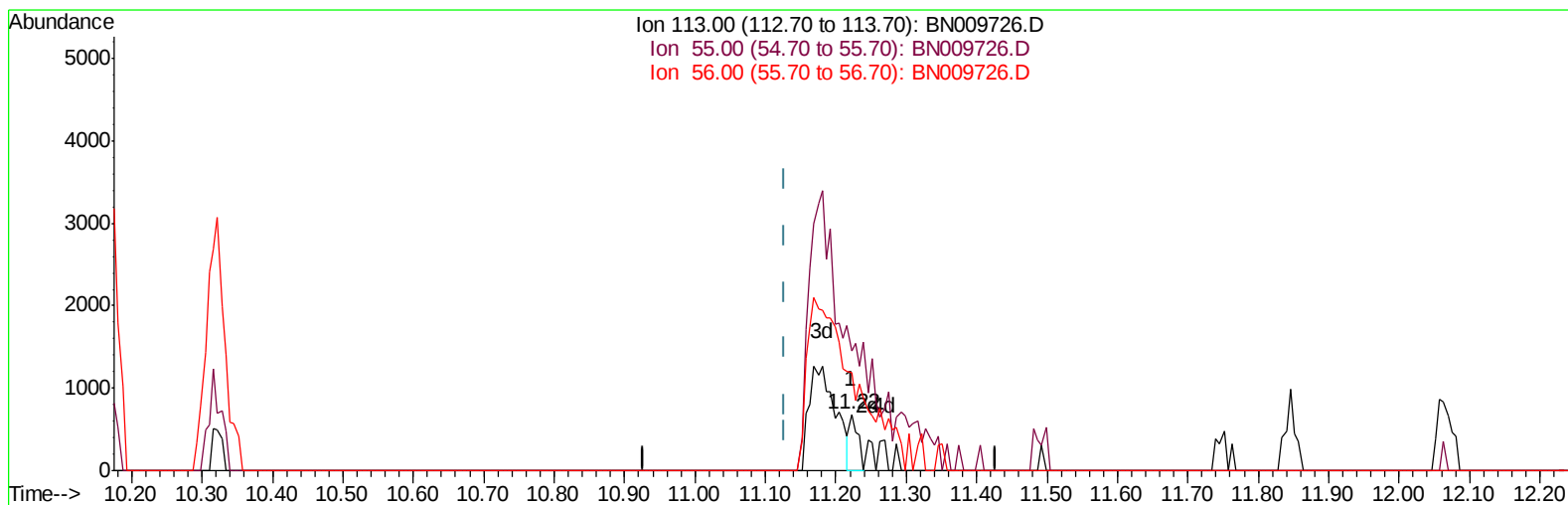
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TIC: BN009726.D

(32) Caprolactam

11.222min (+0.094) 0.24ng/ul

response 560

Ion	Exp%	Act%
113.00	100	100
55.00	261.40	212.24
56.00	202.00	173.32
0.00	0.00	0.00

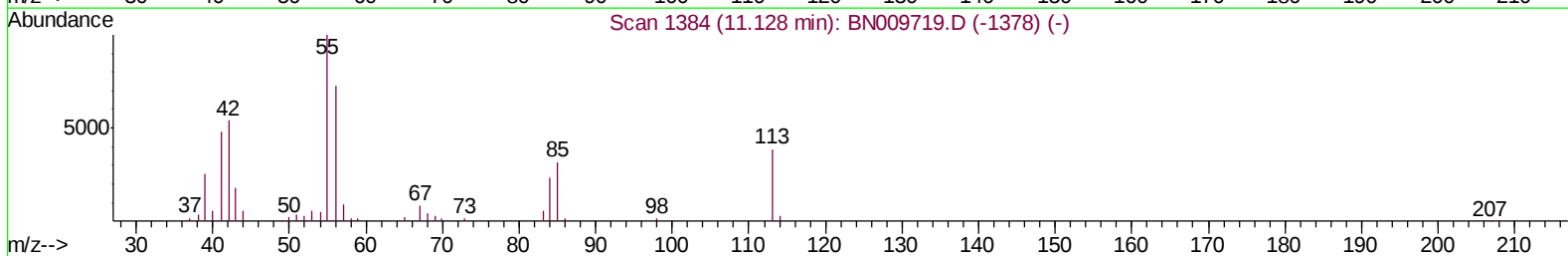
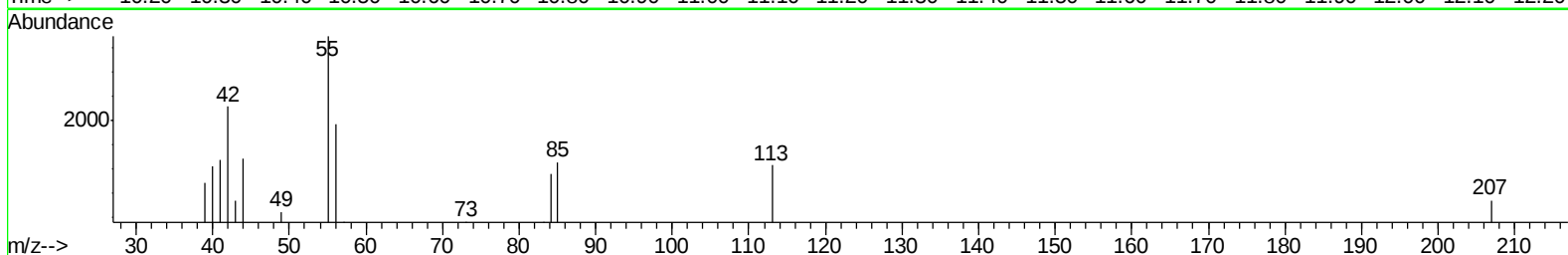
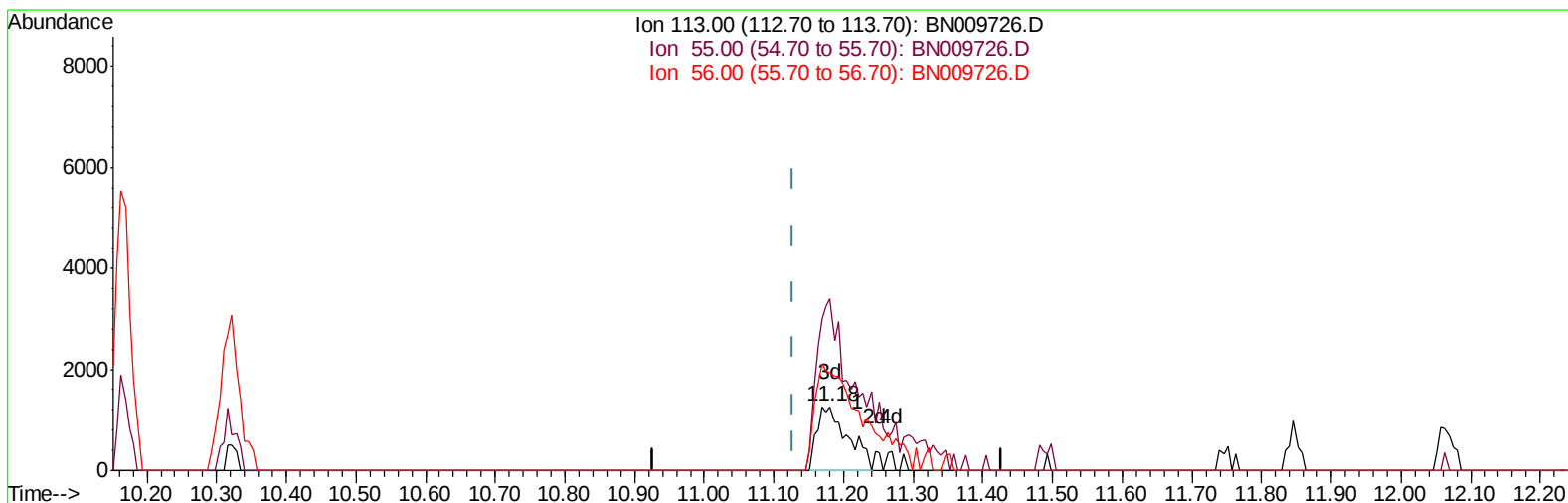
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TIC: BN009726.D

(32) Caprolactam

11.181min (+0.053) 1.67ng/ul m

response 3895

Ion	Exp%	Act%
113.00	100	100
55.00	261.40	268.54
56.00	202.00	153.36#
0.00	0.00	0.00

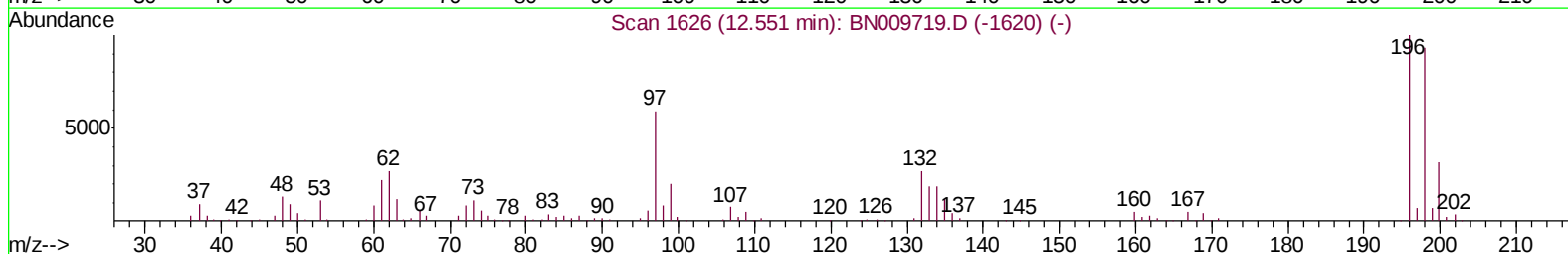
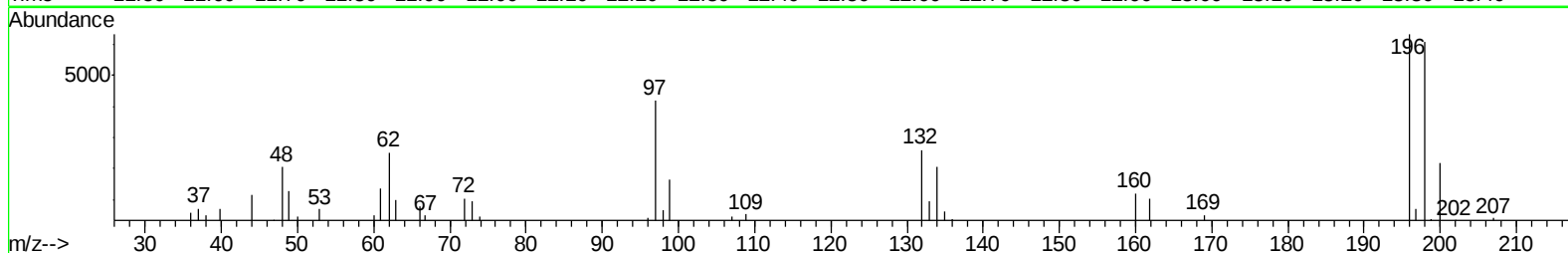
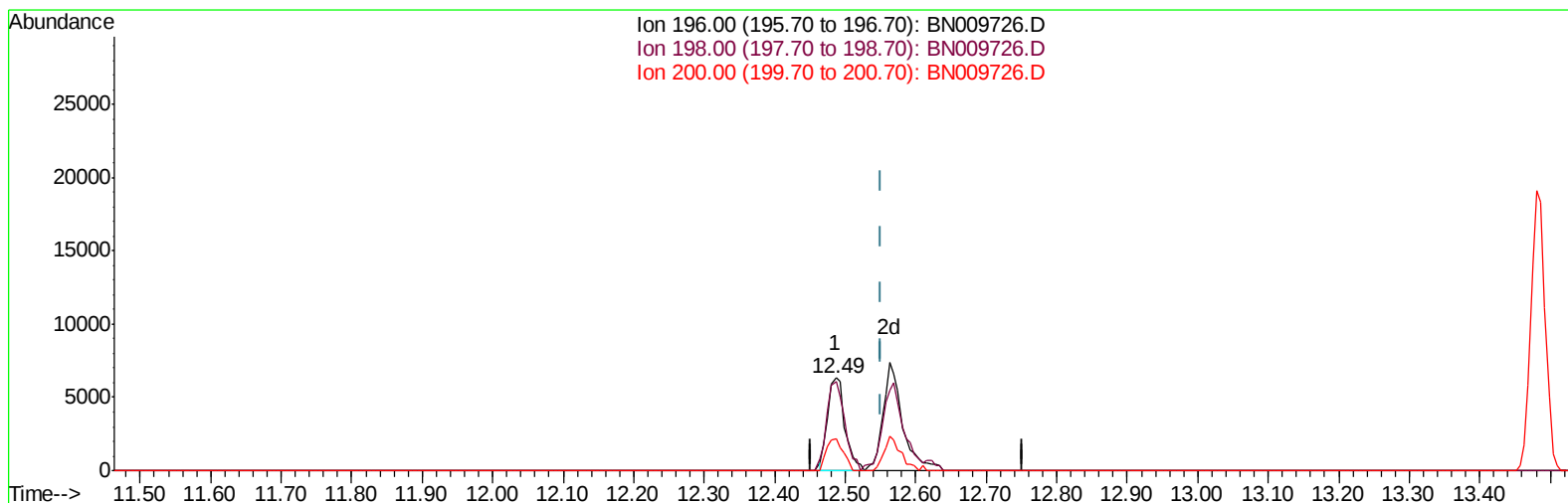
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(40) 2,4,5-Trichlorophenol
12.487min (-0.065) 1.87ng/ul
response 10781

Ion	Exp%	Act%
196.00	100	100
198.00	93.80	96.08
200.00	30.30	34.38
0.00	0.00	0.00

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Misc : MDL-WATER-06

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Instrument :

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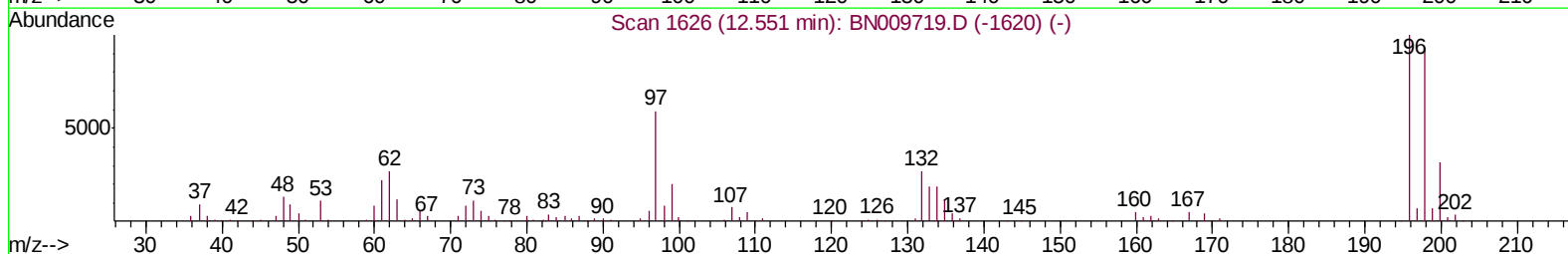
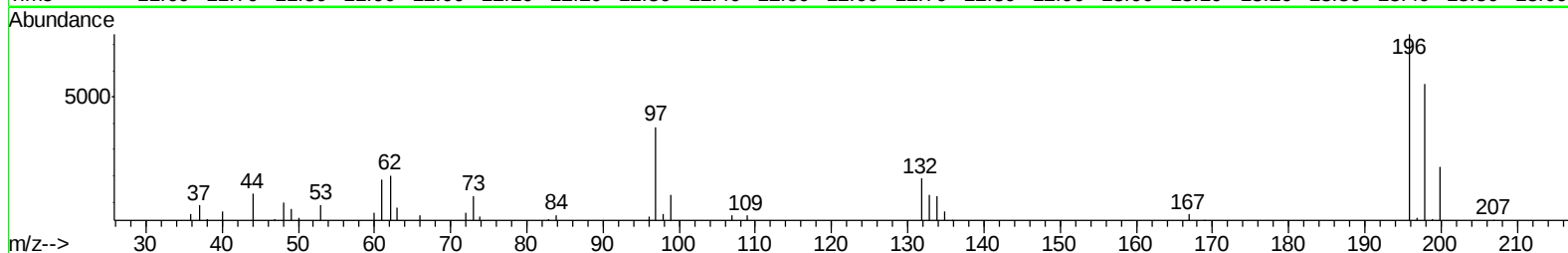
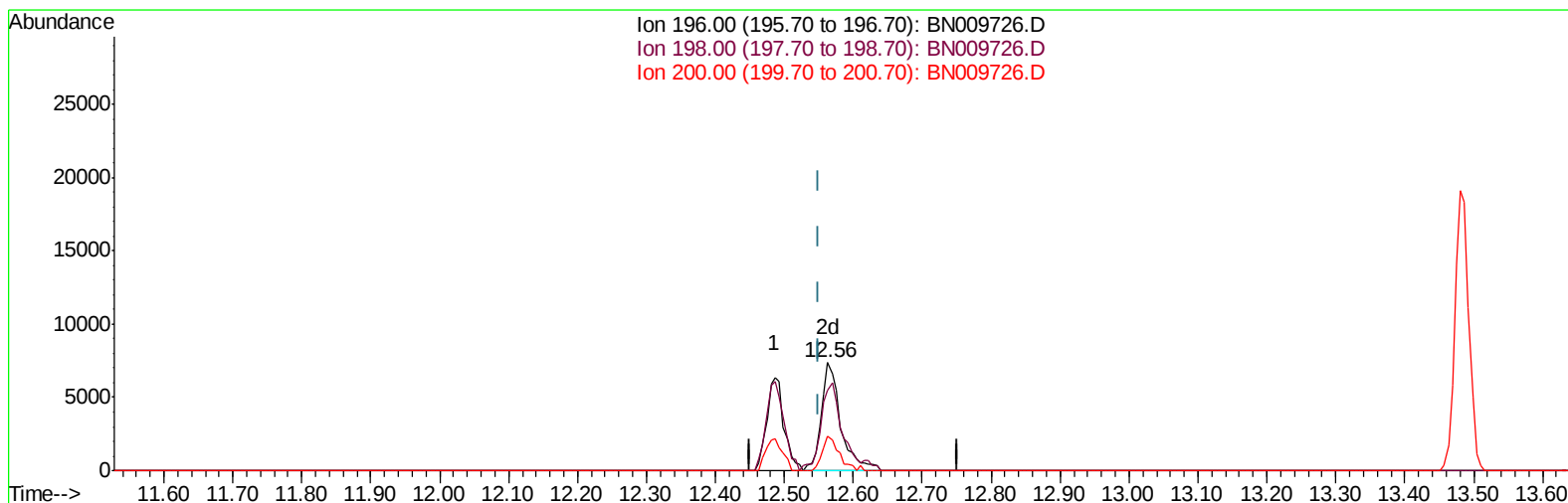
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TIC: BN009726.D

(40) 2,4,5-Trichlorophenol

12.563min (+0.012) 2.48ng/ul m

response 14311

Ion	Exp%	Act%
196.00	100	100
198.00	93.80	74.74#
200.00	30.30	32.06
0.00	0.00	0.00

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Misc : MDL-WATER-06

ALS Vial : 9 Sample Multiplier: 1

Instrument :

BNA_N

ClientSampleId :

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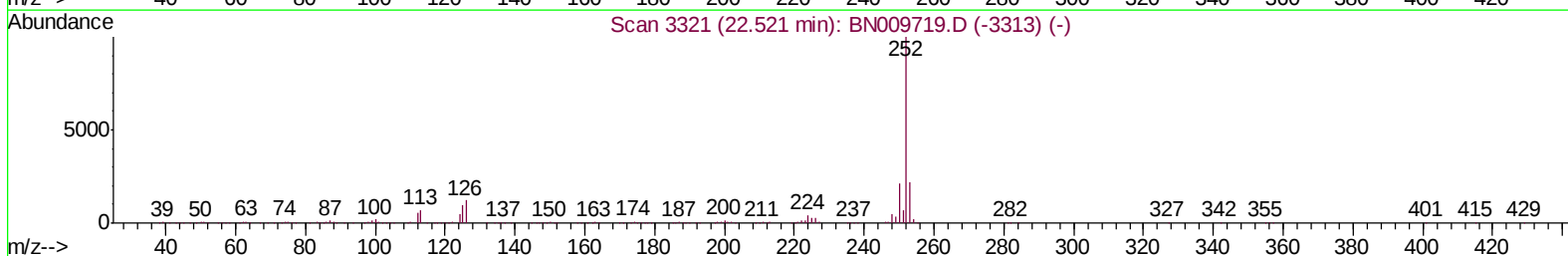
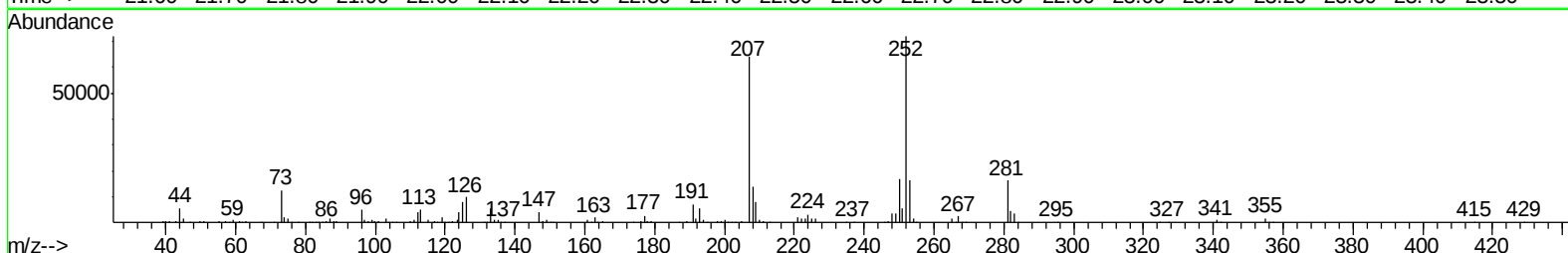
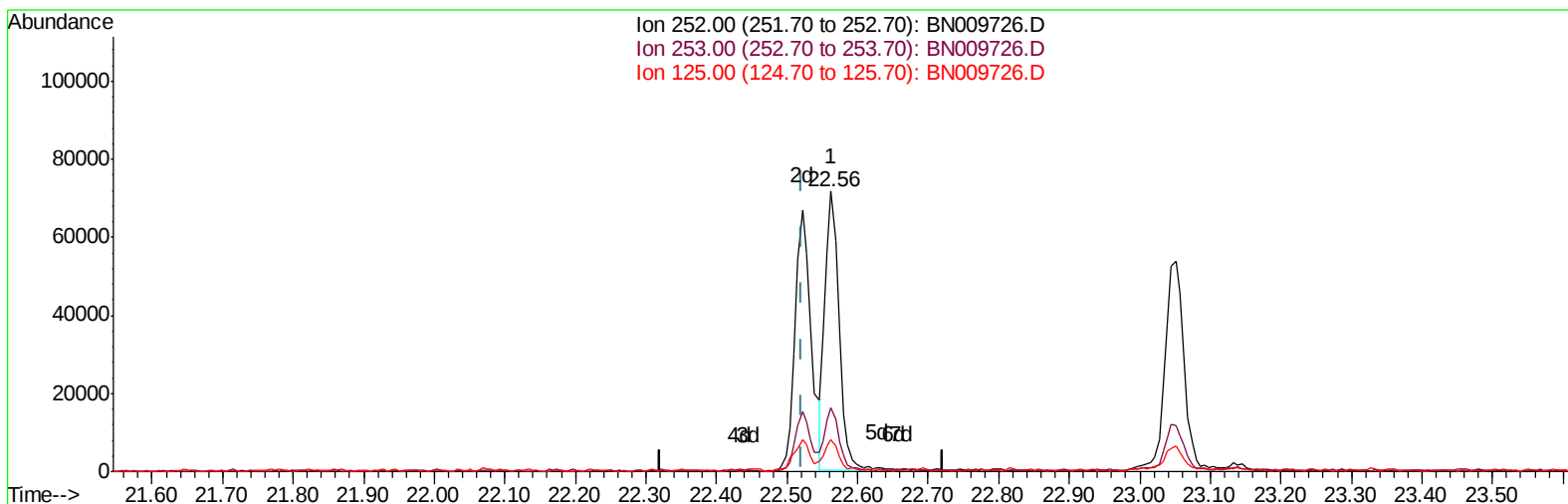
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TIC: BN009726.D

(88) Benzo(b)fluoranthene

22.563min (+0.041) 2.60ng/ul

response 100381

Ion	Exp%	Act%
252.00	100	100
253.00	21.20	22.65
125.00	10.00	11.60
0.00	0.00	0.00

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Instrument :

BNA_N

ClientSampleId :

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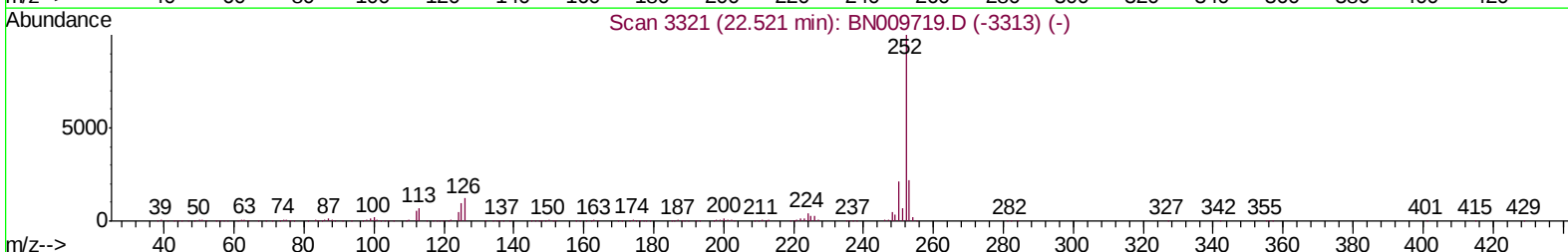
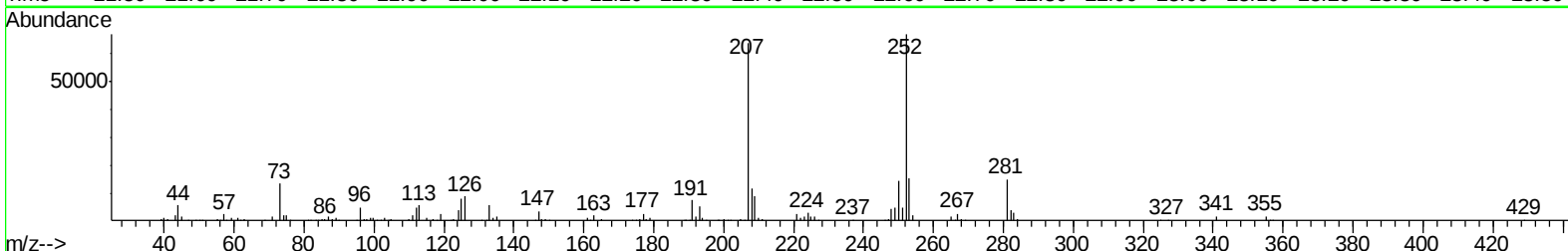
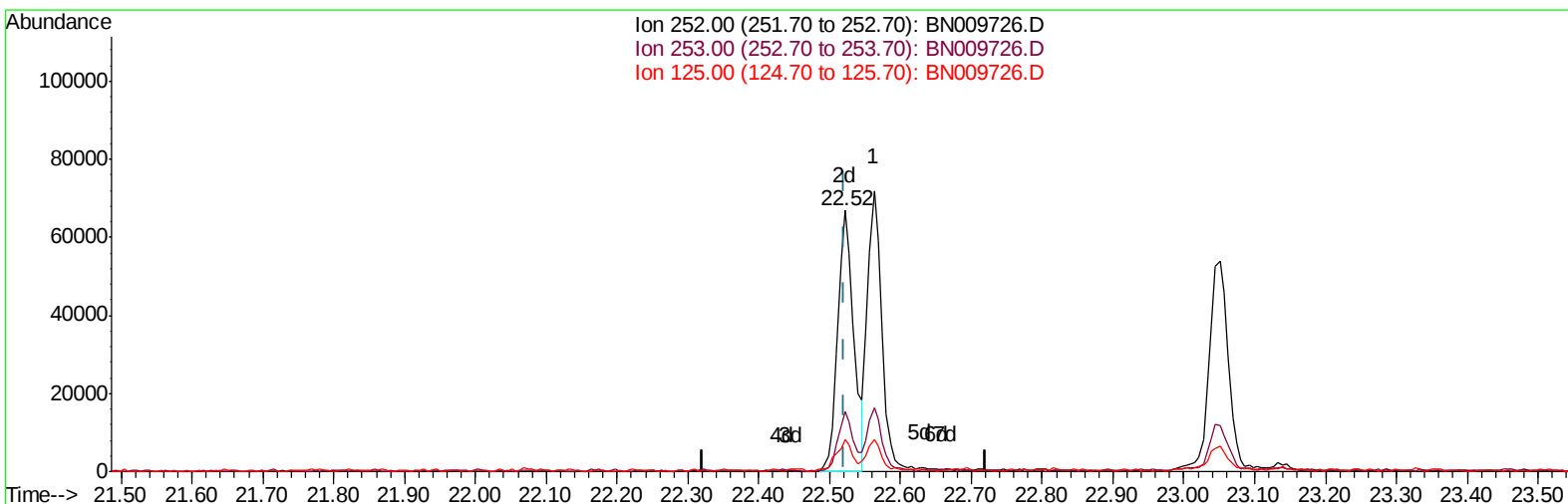
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TIC: BN009726.D

(88) Benzo(b)fluoranthene

22.521min (-0.000) 2.73ng/ul m

response 105579

Ion	Exp%	Act%
252.00	100	100
253.00	21.20	22.77
125.00	10.00	12.15#
0.00	0.00	0.00

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Quant Time: Feb 17 01:55:08 2020
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Quant Title : SVOA CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.42	152	108811	20.00	ng/ul	0.00
18) Naphthalene-d8	10.16	136	447014	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.06	164	286057	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.81	188	613799	20.00	ng/ul	0.00
78) Chrysene-d12	21.03	240	599942	20.00	ng/ul	0.00
86) Perylene-d12	23.14	264	595728	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.06	96	11579	4.38	ng/uL	0.00
5) Phenol-d5	6.62	99	262971	28.41	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.78	67	190107	29.76	ng/ul	0.00
9) 2-Chlorophenol-d4	6.96	132	208232	29.88	ng/ul	0.00
13) 4-Methylphenol-d8	8.13	113	207491	28.18	ng/ul	0.00
19) Nitrobenzene-d5	8.56	128	100414	30.70	ng/ul	0.00
22) 2-Nitrophenol-d4	9.28	143	109433	30.59	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.80	165	196539	28.58	ng/ul	0.00
29) 4-Chloroaniline-d4	10.32	131	278540	36.05	ng/ul	0.00
44) Dimethylphthalate-d6	13.48	166	653688	30.59	ng/ul	0.00
47) Acenaphthylene-d8	13.75	160	784133	31.16	ng/ul	0.00
52) 4-Nitrophenol-d4	14.30	143	93512	23.96	ng/ul	0.00
58) Fluorene-d10	15.06	176	561912	30.46	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.22	200	91422	23.98	ng/ul	0.00
71) Anthracene-d10	16.91	188	859459	30.55	ng/ul	0.00
79) Pyrene-d10	19.22	212	928437	29.61	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.00	264	906767	30.48	ng/ul	0.00

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.09	88	2713	0.893 ng/uL	99
4) Benzaldehyde	6.59	77	18999	3.087 ng/ul	97
6) Phenol	6.65	94	26704	2.692 ng/ul	96
8) Bis(2-Chloroethyl)ether	6.87	93	22175	2.845 ng/ul	99
10) 2-Chlorophenol	6.99	128	19542	2.663 ng/ul	95
11) 2-Methylphenol	7.88	108	16965	2.337 ng/ul	94
12) 2,2'-oxybis(1-Chloropropan	7.95	45	56591m	2.961 ng/ul	
14) Acetophenone	8.24	105	31331	2.612 ng/ul	99
15) N-Nitroso-di-n-propylamine	8.23	70	17239	2.750 ng/ul	99
16) 4-Methylphenol	8.19	108	20943	2.630 ng/ul	94
17) Hexachloroethane	8.46	117	9936	2.976 ng/ul	88
20) Nitrobenzene	8.60	77	27830	2.888 ng/ul	98
21) Isophorone	9.13	82	42683	2.517 ng/ul	96
23) 2-Nitrophenol	9.30	139	10939	2.733 ng/ul#	79
24) 2,4-Dimethylphenol	9.38	107	23557	2.710 ng/ul	93
25) Bis(2-Chloroethoxy)methane	9.62	93	28437	2.744 ng/ul	97
27) 2,4-Dichlorophenol	9.83	162	18893	2.723 ng/ul#	74
28) Naphthalene	10.22	128	69485	2.883 ng/ul	98
30) 4-Chloroaniline	10.35	127	22745	2.874 ng/ul	95
31) Hexachlorobutadiene	10.50	225	13119	2.827 ng/ul#	89
32) Caprolactam	11.18	113	3895m	1.674 ng/ul	
33) 4-Chloro-3-methylphenol	11.49	107	18042	2.274 ng/ul	94
34) 2-Methylnaphthalene	11.85	142	46758	2.794 ng/ul	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.06	142	48640	2.899	ng/uL	98
37) 1,2,4,5-Tetrachlorobenzene	12.23	216	24695	2.912	ng/uL	93
38) Hexachlorocyclopentadiene	12.19	237	3117	0.850	ng/uL#	74
39) 2,4,6-Trichlorophenol	12.49	196	10975	2.039	ng/uL	99
40) 2,4,5-Trichlorophenol	12.56	196	14311m	2.479	ng/uL	
41) 1,1'-Biphenyl	12.88	154	62383	2.839	ng/uL	96
42) 2-Chloronaphthalene	12.92	162	47368	2.715	ng/uL	95
43) 2-Nitroaniline	13.15	65	14041	2.200	ng/uL	89
45) Dimethylphthalate	13.53	163	65265	2.927	ng/uL	99
46) 2,6-Dinitrotoluene	13.66	165	9675	2.217	ng/uL#	82
48) Acenaphthylene	13.77	152	77577	2.848	ng/uL	98
49) 3-Nitroaniline	14.00	138	8833	2.192	ng/uL#	90
50) Acenaphthene	14.12	153	53397	2.860	ng/uL	99
51) 2,4-Dinitrophenol	14.23	184	2145	0.856	ng/uL#	89
53) 4-Nitrophenol	14.31	109	9138	2.595	ng/uL	91
54) Dibenzofuran	14.46	168	75369	2.876	ng/uL	95
55) 2,4-Dinitrotoluene	14.46	165	15877	2.454	ng/uL#	99
56) 2,3,4,6-Tetrachlorophenol	14.70	232	11802	2.378	ng/uL#	92
57) Diethylphthalate	14.92	149	61445	2.684	ng/uL	97
59) Fluorene	15.12	166	62105	2.824	ng/uL	96
60) 4-Chlorophenyl-phenylether	15.12	204	31265	2.882	ng/uL	96
61) 4-Nitroaniline	15.17	138	7384	1.503	ng/uL	90
64) 4,6-Dinitro-2-methylphenol	15.23	198	10002	2.435	ng/uL#	75
65) N-Nitrosodiphenylamine	15.34	169	49318	2.708	ng/uL	94
66) 4-Bromophenyl-phenylether	16.02	248	16864	2.746	ng/uL	98
67) Hexachlorobenzene	16.13	284	18647	2.744	ng/uL	97
68) Atrazine	16.31	200	16020	2.319	ng/uL	91
69) Pentachlorophenol	16.49	266	6049	1.540	ng/uL#	78
70) Phenanthrene	16.86	178	100162	2.859	ng/uL	98
72) Anthracene	16.95	178	102444	2.861	ng/uL	99
73) 1,2,3,4-Tetrachlorobenzene	12.85	216	27331	3.048	ng/uL	95
74) Pentachlorobenzene	14.39	250	23735	2.745	ng/uL	95
75) Carbazole	17.23	167	72674	2.305	ng/uL	98
76) Di-n-butylphthalate	17.81	149	86413	2.220	ng/uL	99
77) Fluoranthene	18.89	202	104533	2.548	ng/uL	99
80) Pyrene	19.25	202	119517	2.763	ng/uL	99
81) Butylbenzylphthalate	20.18	149	35107	1.974	ng/uL	97
82) 3,3'-Dichlorobenzidine	20.96	252	29127	2.227	ng/uL#	92
83) Benzo(a)anthracene	21.02	228	107542	2.608	ng/uL	98
84) Bis(2-ethylhexyl)phthalate	20.97	149	54998	2.026	ng/uL	98
85) Chrysene	21.07	228	111800	2.754	ng/uL	98
87) Di-n-octyl phthalate	21.82	149	88852	1.971	ng/uL	100
88) Benzo(b)fluoranthene	22.52	252	105579m	2.733	ng/uL	
89) Benzo(k)fluoranthene	22.56	252	100381	2.745	ng/uL	99
91) Benzo(a)pyrene	23.05	252	102908	2.962	ng/uL	99
92) Indeno(1,2,3-cd)pyrene	25.20	276	108852	2.639	ng/uL	96
93) Dibenzo(a,h)anthracene	25.20	278	94035	2.665	ng/uL	97
94) Benzo(g,h,i)perylene	25.83	276	93275	2.697	ng/uL	96

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN021420\
Quantitation Report (QT Reviewed)

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MDL-WATER-06

Manual Integrations
APPROVED

mohammad
2/17/2020 3:50:13 PM

Quant Time: Feb 17 01:55:08 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Feb 17 00:47:25 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

Data File : BN009726.D

Acq On : 14 Feb 2020 15:25

Operator : CG/JU

Sample : K5695-13

Misc : MDL-WATER-06

```
ALS Vial      : 9      Sample Multiplier: 1
```

Instrument :

BNA N

ClientSampleId :

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