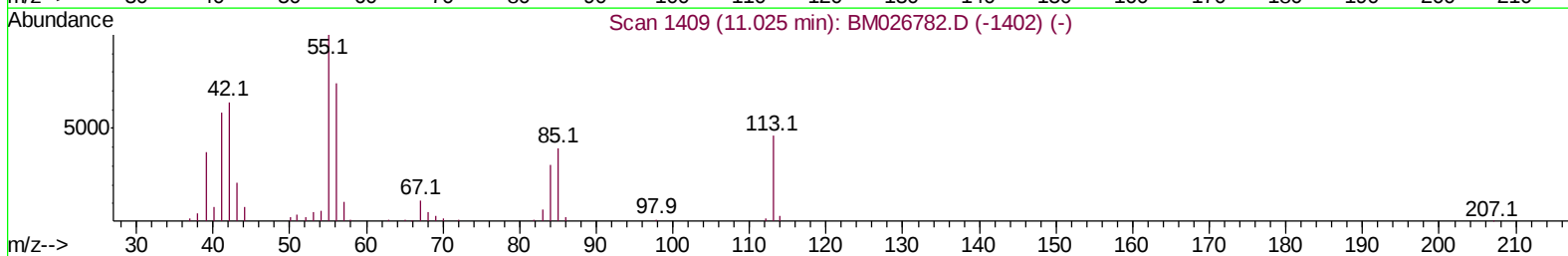
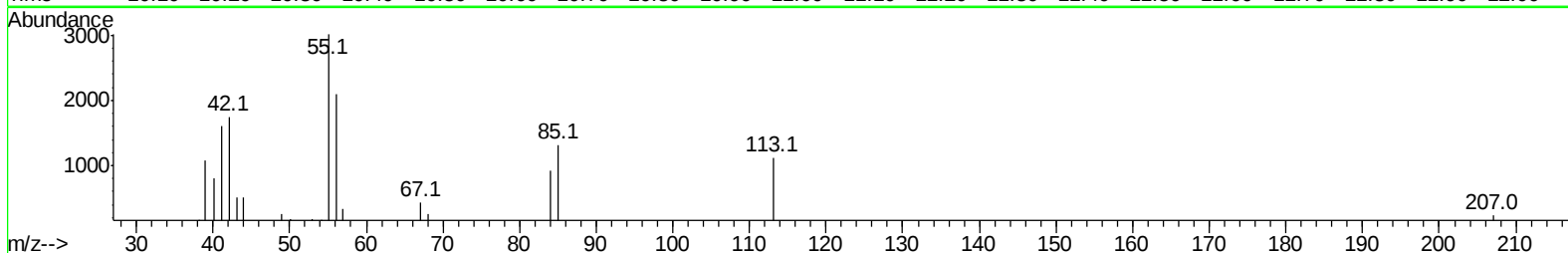
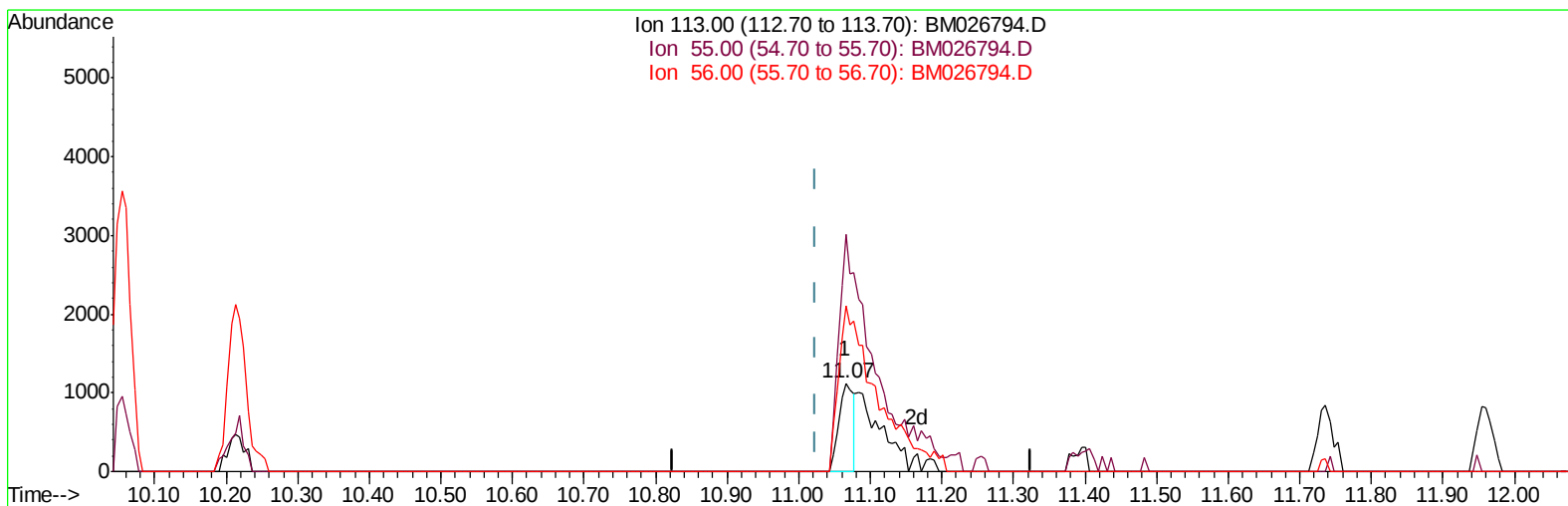


Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM071620\
Data File : BM026794.D
Acq On : 16 Jul 2020 20:43
Operator : JU/CG
Sample : L1955-21
Misc : MDL-SOIL-ME-07
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Jul 17 00:48:56 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM063020MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 16 13:06:40 2020
Response via : Initial Calibration



TIC: BM026794.D

(32) Caprolactam

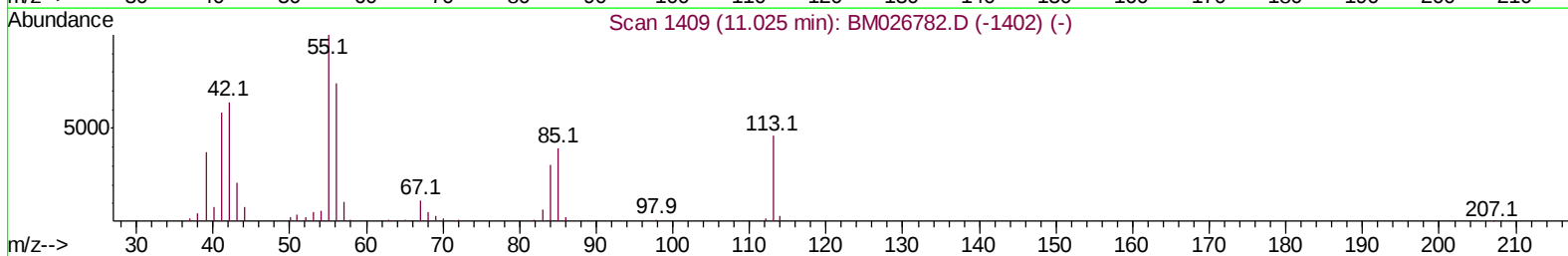
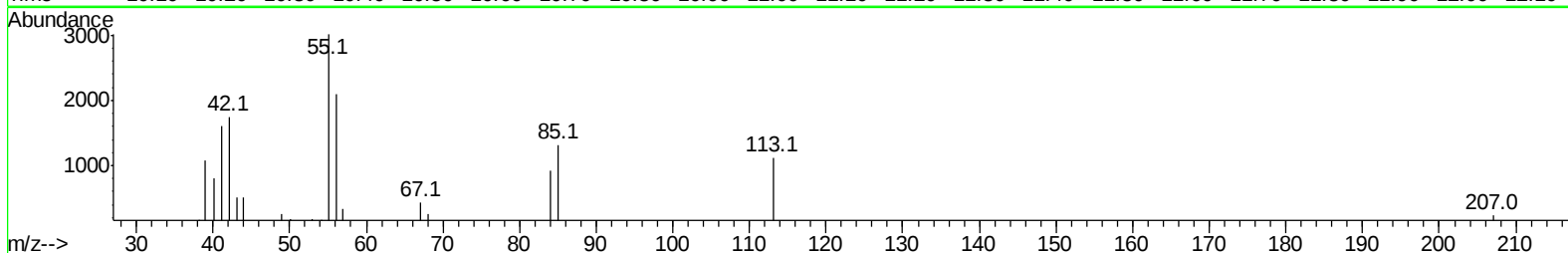
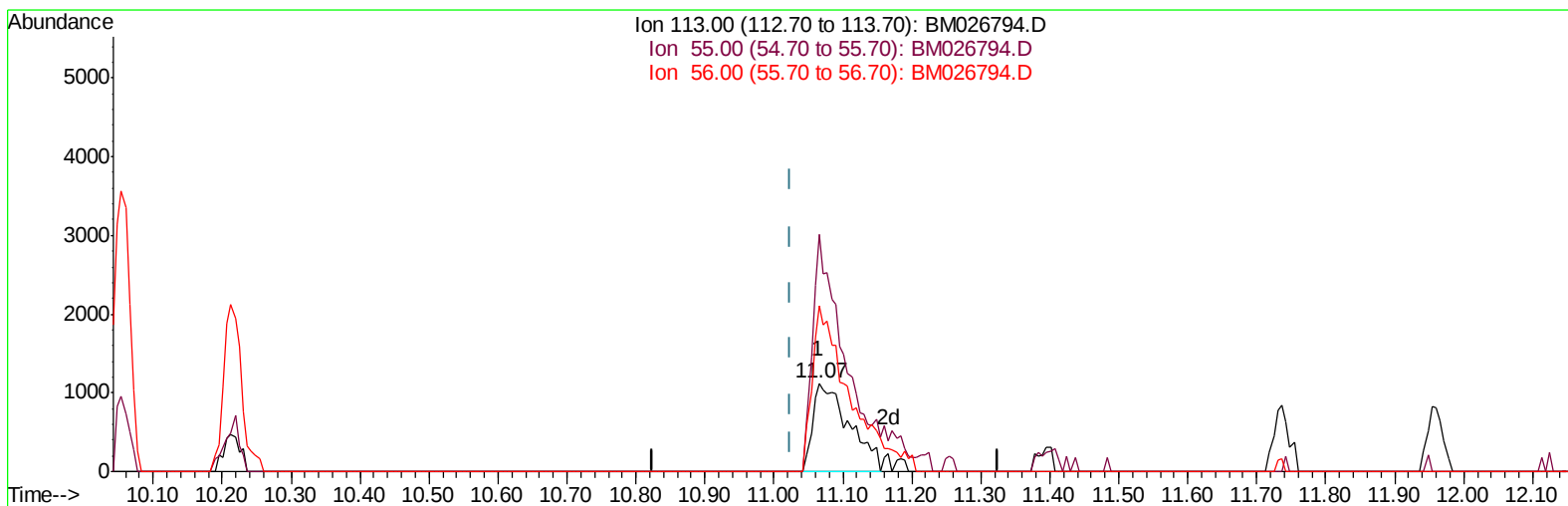
11.066min (+0.041) 1.19ng/ul

response 1688

Ion	Exp%	Act%
113.00	100	100
55.00	224.90	269.68
56.00	168.60	188.01
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM071620\
Data File : BM026794.D
Acq On : 16 Jul 2020 20:43
Operator : JU/CG
Sample : L1955-21
Misc : MDL-SOIL-ME-07
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Jul 17 00:48:56 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM063020MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 16 13:06:40 2020
Response via : Initial Calibration



TIC: BM026794.D

(32) Caprolactam

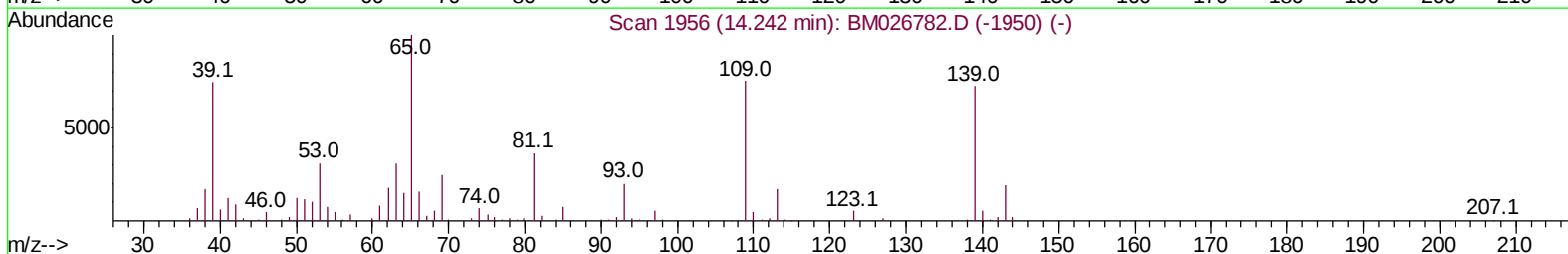
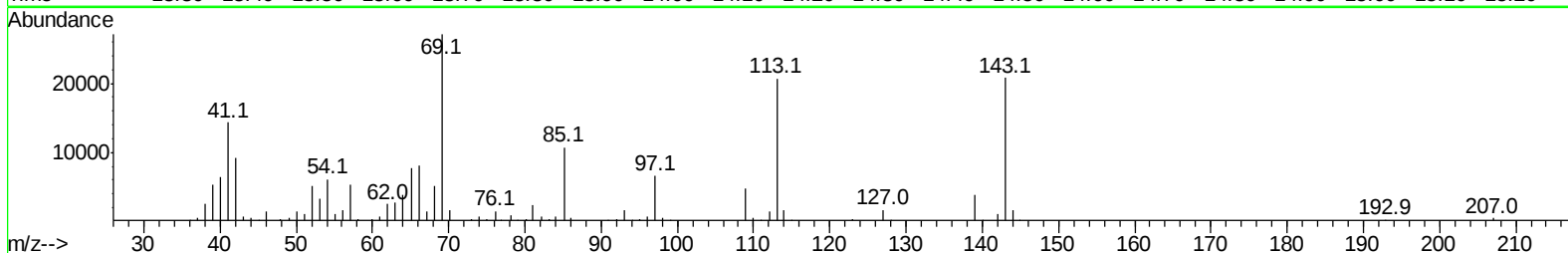
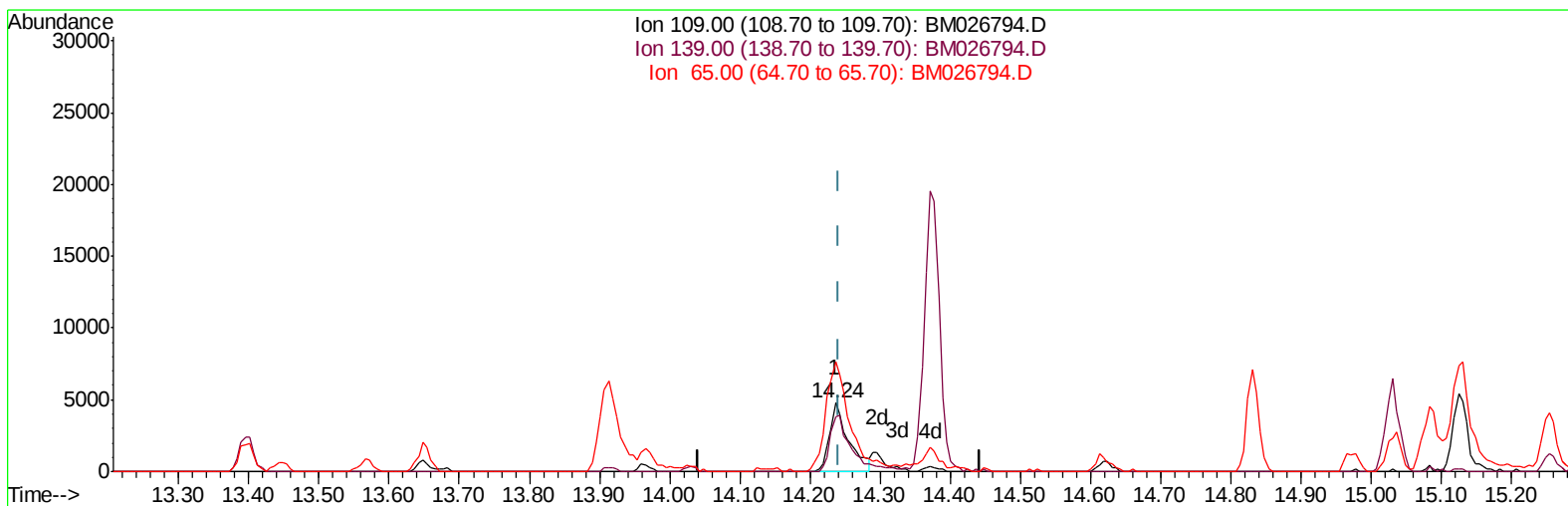
11.066min (+0.041) 2.87ng/ul m

response 4069

Ion	Exp%	Act%
113.00	100	100
55.00	224.90	269.68
56.00	168.60	188.01
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM071620\
Data File : BM026794.D
Acq On : 16 Jul 2020 20:43
Operator : JU/CG
Sample : L1955-21
Misc : MDL-SOIL-ME-07
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Jul 17 00:48:56 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM063020MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 16 13:06:40 2020
Response via : Initial Calibration



TIC: BM026794.D

(53) 4-Nitrophenol

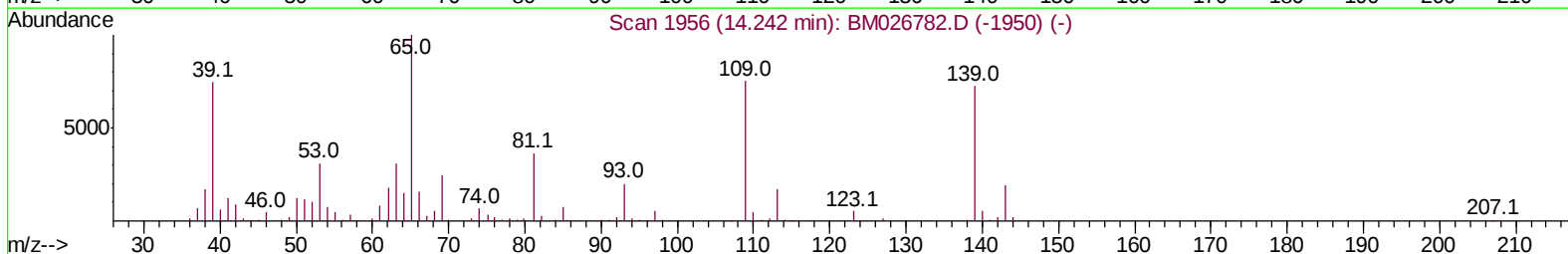
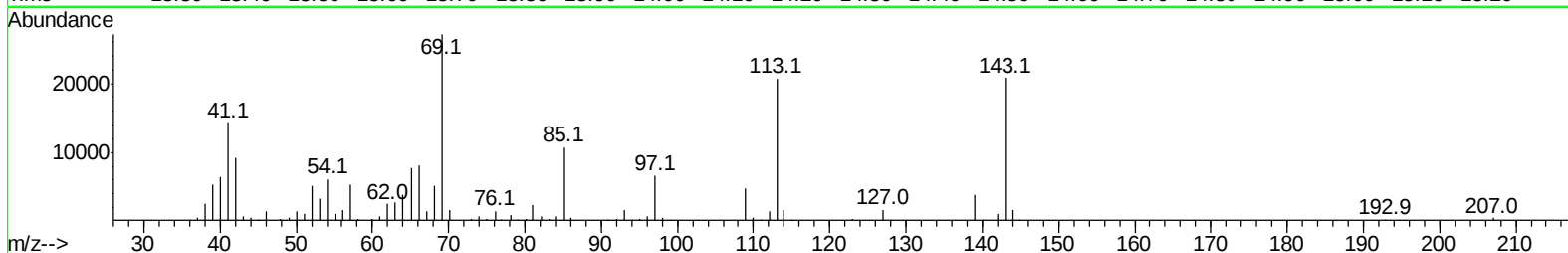
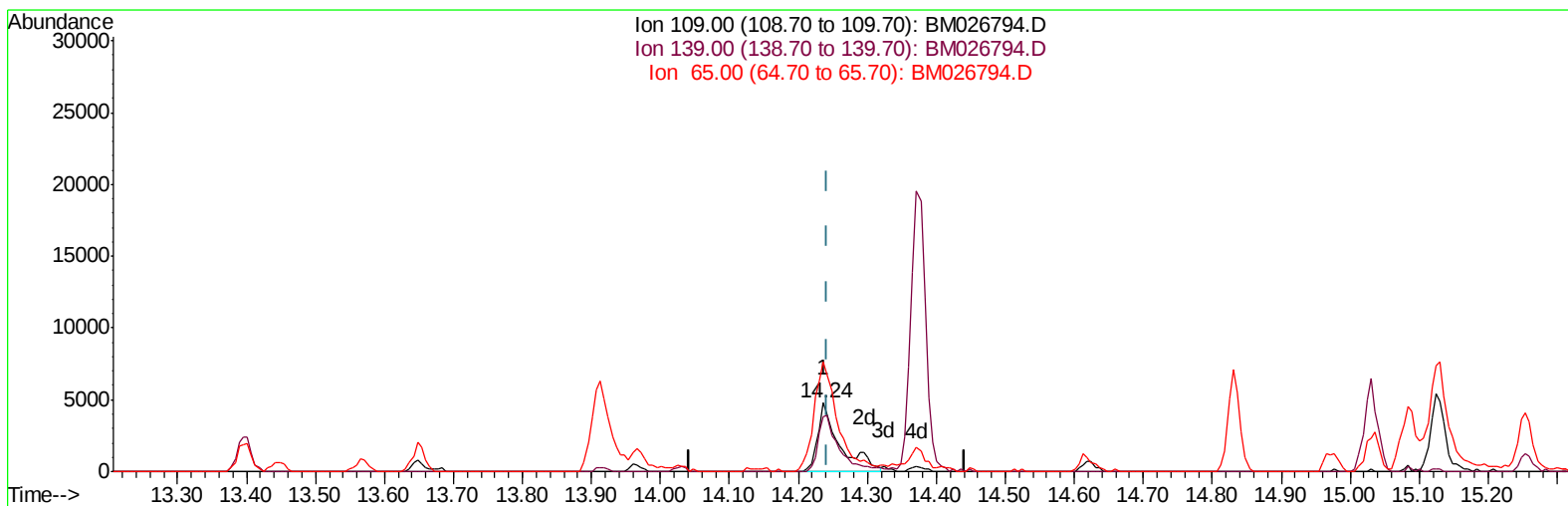
14.236min (-0.006) 3.55ng/ul

response 8920

Ion	Exp%	Act%
109.00	100	100
139.00	109.40	79.15#
65.00	149.30	160.26
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM071620\
Data File : BM026794.D
Acq On : 16 Jul 2020 20:43
Operator : JU/CG
Sample : L1955-21
Misc : MDL-SOIL-ME-07
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Jul 17 00:48:56 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM063020MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 16 13:06:40 2020
Response via : Initial Calibration



TIC: BM026794.D

(53) 4-Nitrophenol

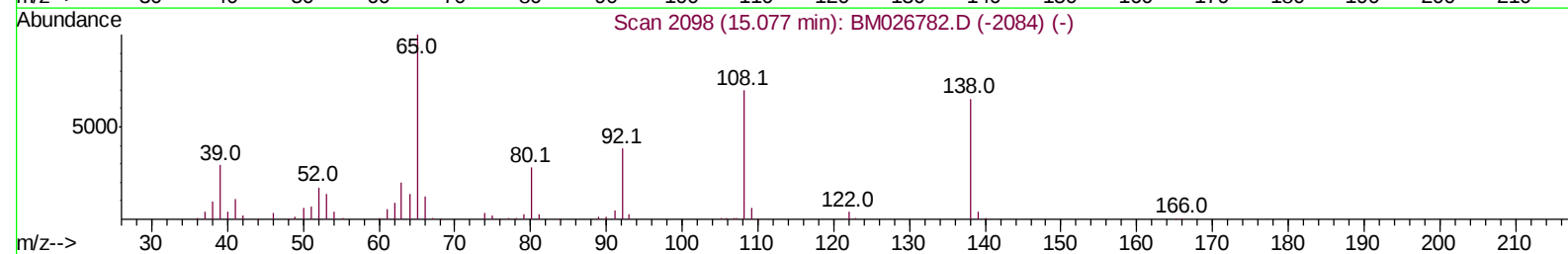
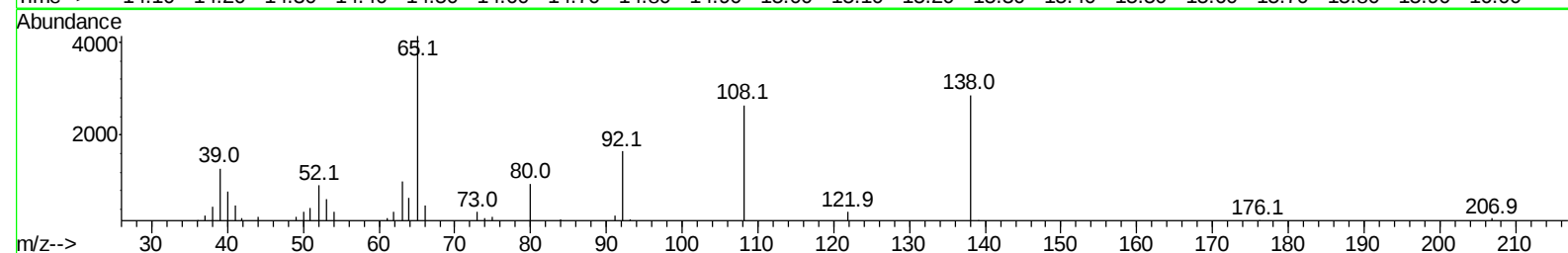
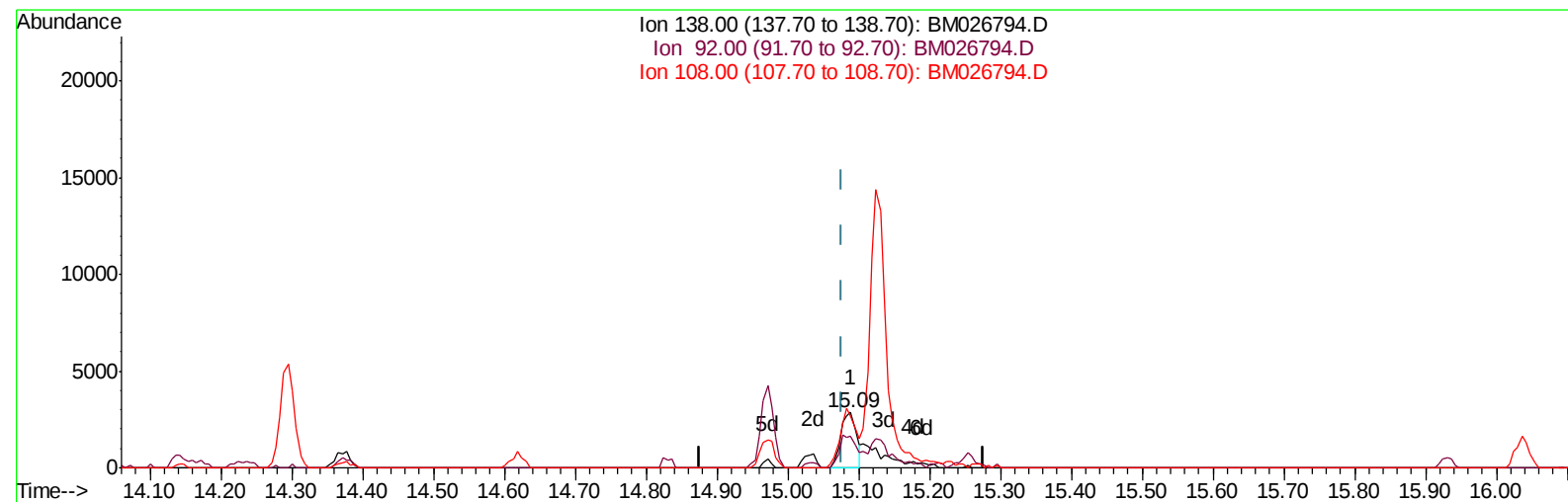
14.236min (-0.006) 4.21ng/ul m

response 10566

Ion	Exp%	Act%
109.00	100	100
139.00	109.40	79.15#
65.00	149.30	160.26
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM071620\
Data File : BM026794.D
Acq On : 16 Jul 2020 20:43
Operator : JU/CG
Sample : L1955-21
Misc : MDL-SOIL-ME-07
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Jul 17 00:48:56 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM063020MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 16 13:06:40 2020
Response via : Initial Calibration



TIC: BM026794.D

(61) 4-Nitroaniline

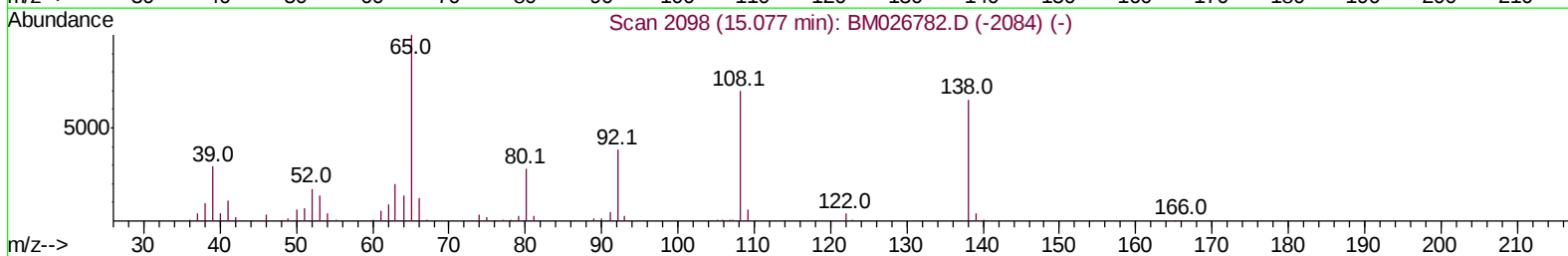
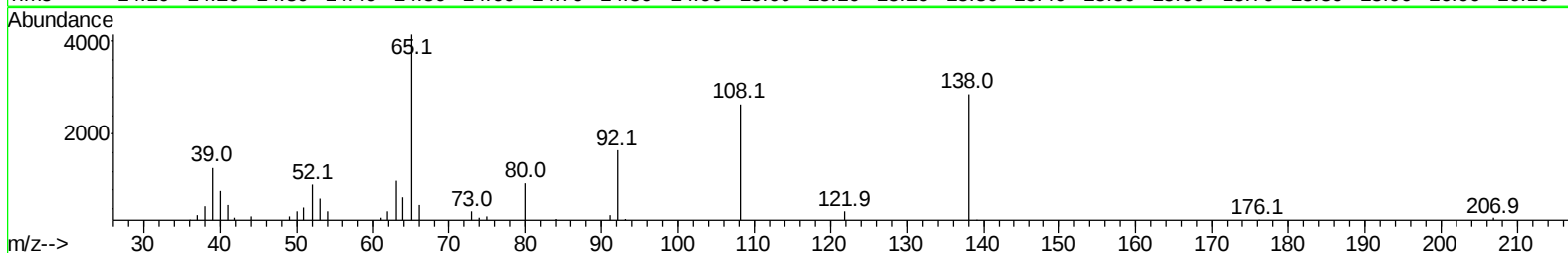
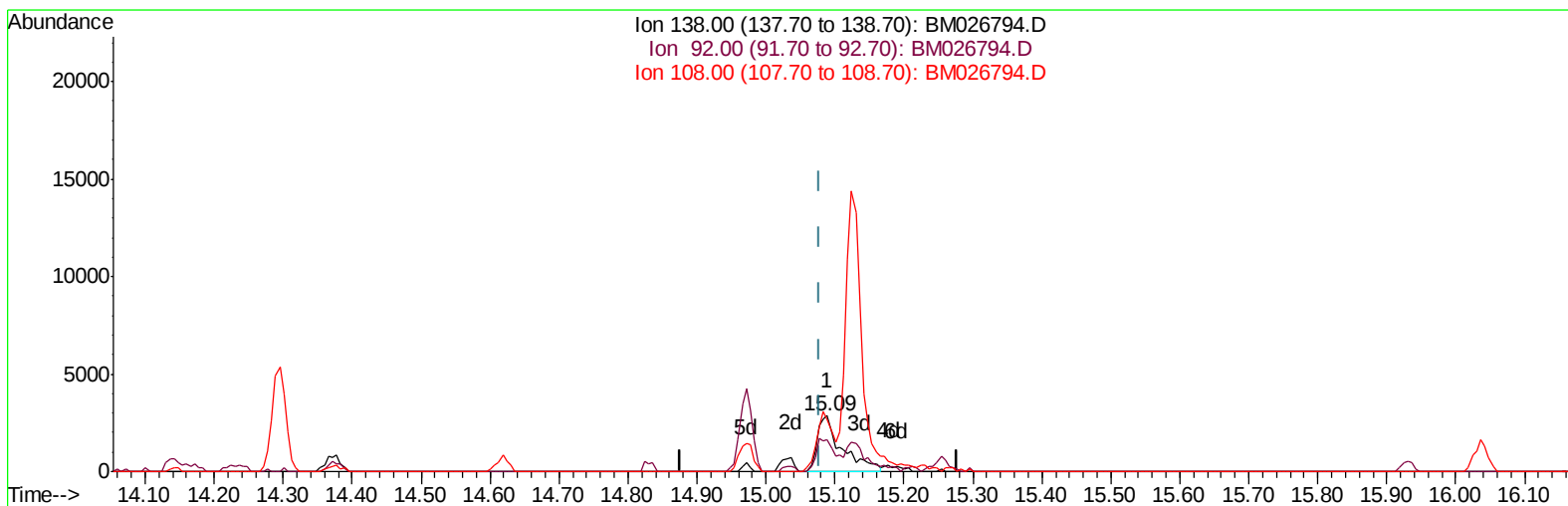
15.089min (+0.012) 1.36ng/ul

response 4384

Ion	Exp%	Act%
138.00	100	100
92.00	59.60	57.54
108.00	103.20	92.60
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM071620\
Data File : BM026794.D
Acq On : 16 Jul 2020 20:43
Operator : JU/CG
Sample : L1955-21
Misc : MDL-SOIL-ME-07
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Jul 17 00:48:56 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM063020MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 16 13:06:40 2020
Response via : Initial Calibration



TIC: BM026794.D

(61) 4-Nitroaniline

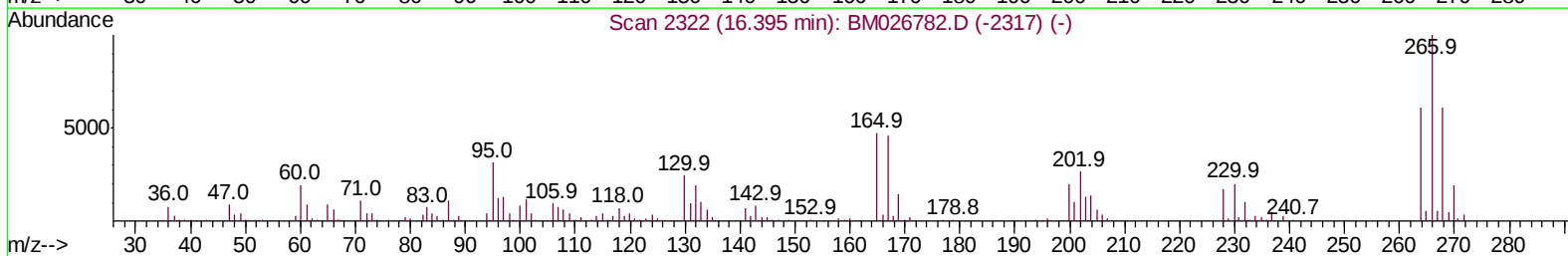
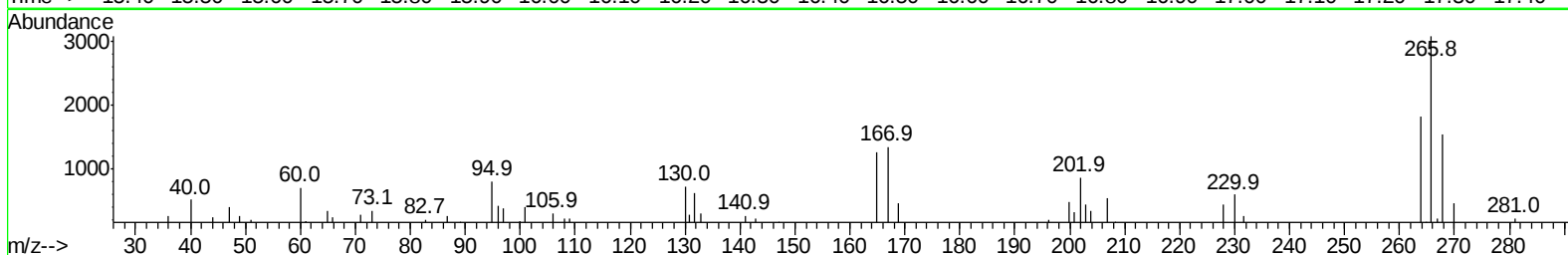
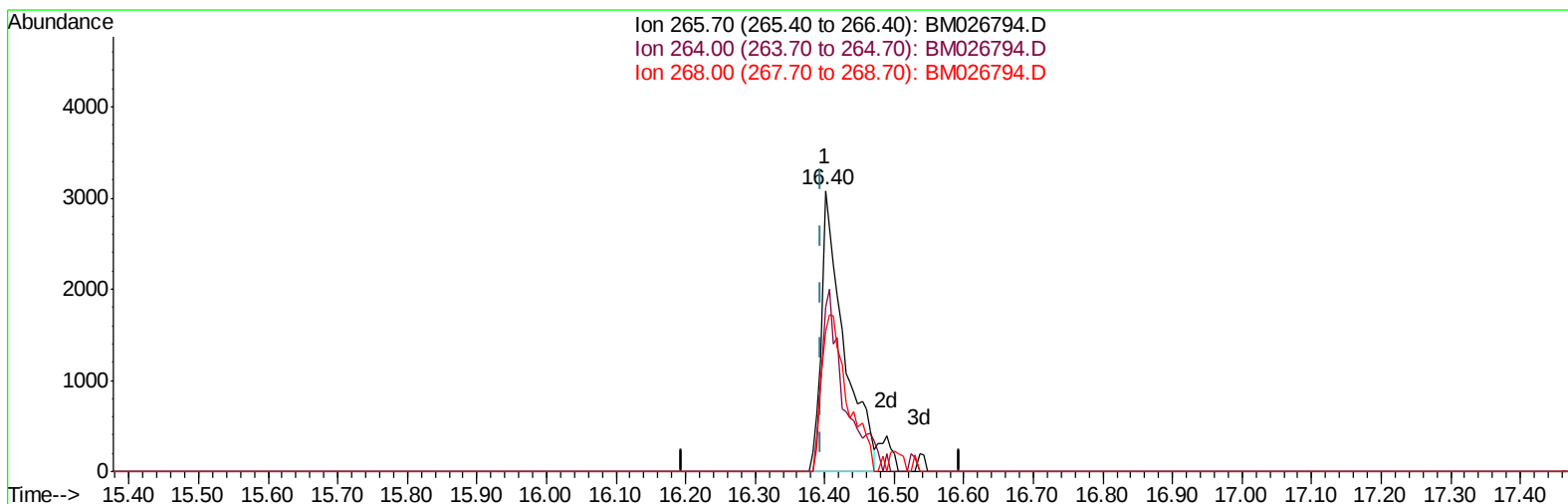
15.089min (+0.012) 2.19ng/ul m

response 7048

Ion	Exp%	Act%
138.00	100	100
92.00	59.60	57.54
108.00	103.20	92.60
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM071620\
Data File : BM026794.D
Acq On : 16 Jul 2020 20:43
Operator : JU/CG
Sample : L1955-21
Misc : MDL-SOIL-ME-07
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Jul 17 00:48:56 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM063020MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 16 13:06:40 2020
Response via : Initial Calibration



TIC: BM026794.D

(69) Pentachlorophenol (C)

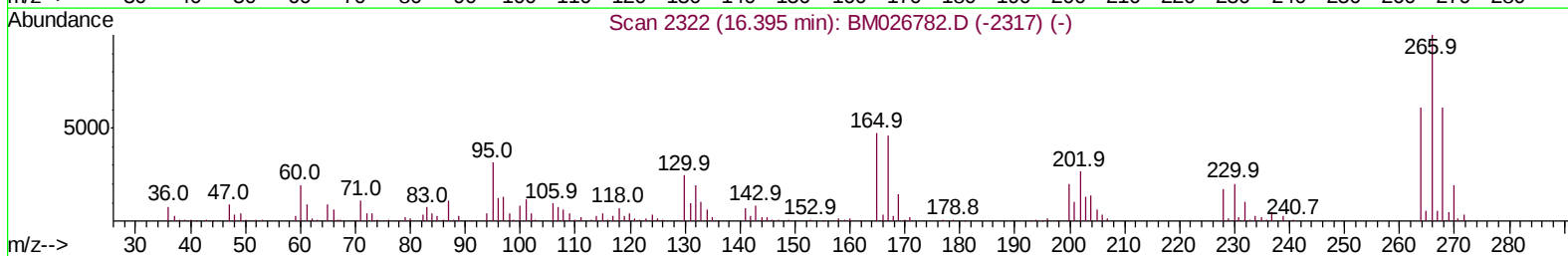
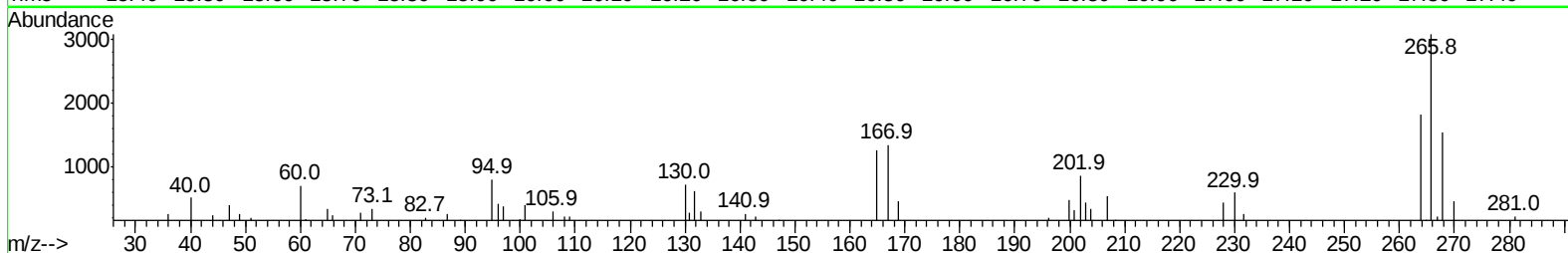
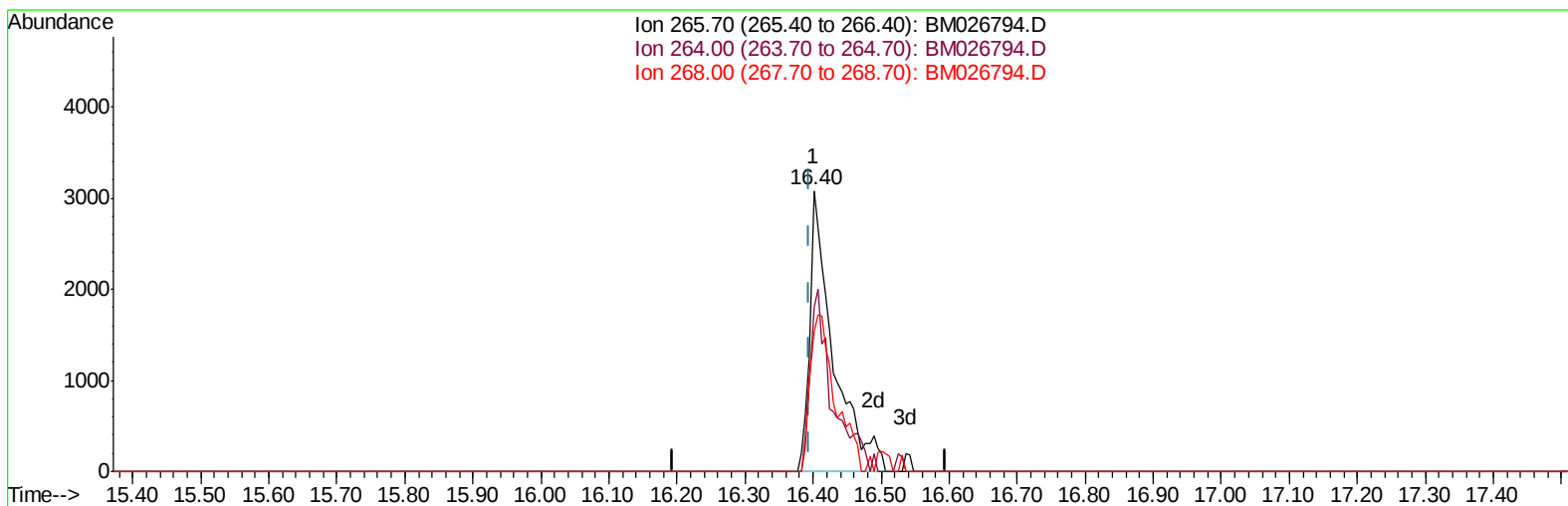
16.401min (+0.006) 2.14ng/ul

response 6848

Ion	Exp%	Act%
265.70	100	100
264.00	62.40	64.02
268.00	64.20	50.15#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM071620\
Data File : BM026794.D
Acq On : 16 Jul 2020 20:43
Operator : JU/CG
Sample : L1955-21
Misc : MDL-SOIL-ME-07
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Jul 17 00:48:56 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM063020MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 16 13:06:40 2020
Response via : Initial Calibration



TIC: BM026794.D

(69) Pentachlorophenol (C)

16.401min (+0.006) 2.30ng/ul m

response 7362

Ion	Exp%	Act%
265.70	100	100
264.00	62.40	58.86
268.00	64.20	50.15#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM071620\
 Data File : BM026794.D
 Acq On : 16 Jul 2020 20:43
 Operator : JU/CG
 Sample : L1955-21
 Misc : MDL-SOIL-ME-07
 ALS Vial : 16 Sample Multiplier: 1

Quant Time: Jul 17 00:51:16 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM063020MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jul 16 13:06:40 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.30	152	65262	20.00	ng/ul	0.00
18) Naphthalene-d8	10.05	136	300335	20.00	ng/ul	0.00
36) Acenaphthene-d10	13.97	164	211823	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.72	188	472313	20.00	ng/ul	0.00
78) Chrysene-d12	20.95	240	538492	20.00	ng/ul	0.00
86) Perylene-d12	23.01	264	641252	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	2.90	96	12633	5.82	ng/uL	0.00
5) Phenol-d5	6.52	99	163795	27.40	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.67	67	123912	30.65	ng/ul	0.00
9) 2-Chlorophenol-d4	6.84	132	128892	28.07	ng/ul	0.00
13) 4-Methylphenol-d8	8.04	113	139746	29.23	ng/ul	0.00
19) Nitrobenzene-d5	8.45	128	66216	27.88	ng/ul	0.00
22) 2-Nitrophenol-d4	9.17	143	74385	29.37	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.70	165	134912	27.20	ng/ul	0.00
29) 4-Chloroaniline-d4	10.21	131	190420	36.46	ng/ul	0.00
44) Dimethylphthalate-d6	13.40	166	513045	30.36	ng/ul	0.00
47) Acenaphthylene-d8	13.65	160	591176	28.95	ng/ul	0.00
52) 4-Nitrophenol-d4	14.22	143	64074	26.28	ng/ul	0.00
58) Fluorene-d10	14.97	176	422995	28.59	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.12	200	80924	27.42	ng/ul	0.00
71) Anthracene-d10	16.82	188	676393	29.08	ng/ul	0.00
79) Pyrene-d10	19.14	212	810357	28.96	ng/ul	0.00
90) Benzo(a)pyrene-d12	22.88	264	946133	27.34	ng/ul	0.00

Target Compounds

					Ovalue	
2) 1,4-Dioxane	2.94	88	3181	1.353	ng/uL#	77
4) Benzaldehyde	6.48	77	9680	3.050	ng/ul	96
6) Phenol	6.54	94	20190	3.073	ng/ul#	85
8) Bis(2-Chloroethyl)ether	6.75	93	17250	3.448	ng/ul	95
10) 2-Chlorophenol	6.88	128	16063	3.173	ng/ul	97
11) 2-Methylphenol	7.77	108	14134	3.011	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	7.85	45	37379	3.851	ng/ul	98
14) Acetophenone	8.13	105	27827	3.436	ng/ul	96
15) N-Nitroso-di-n-propylamine	8.12	70	17124	3.579	ng/ul	94
16) 4-Methylphenol	8.10	108	16668	3.194	ng/ul	89
17) Hexachloroethane	8.35	117	7242	3.228	ng/ul	88
20) Nitrobenzene	8.50	77	24097	3.217	ng/ul	94
21) Isophorone	9.02	82	42780	3.398	ng/ul	98
23) 2-Nitrophenol	9.20	139	8898	3.037	ng/ul	94
24) 2,4-Dimethylphenol	9.28	107	19947	2.956	ng/ul	92
25) Bis(2-Chloroethoxy)methane	9.51	93	25503	3.407	ng/ul	96
27) 2,4-Dichlorophenol	9.72	162	16694	3.258	ng/ul	90
28) Naphthalene	10.10	128	55002	3.094	ng/ul	98
30) 4-Chloroaniline	10.24	127	22826	4.114	ng/ul	98
31) Hexachlorobutadiene	10.40	225	12252	3.299	ng/ul	91
32) Caprolactam	11.07	113	4069m	2.875	ng/ul	
33) 4-Chloro-3-methylphenol	11.40	107	17137	2.939	ng/ul	95
34) 2-Methylnaphthalene	11.74	142	40652	3.264	ng/ul	97

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM071620\
 Data File : BM026794.D
 Acq On : 16 Jul 2020 20:43
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 Sample : L1955-21
 Misc : MDL-SOIL-ME-07
 ALS Vial : 16 Sample Multiplier: 1

Quant Time: Jul 17 00:51:16 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM063020MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jul 16 13:06:40 2020
 Response via : Initial Calibration

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

35) 1-Methylnaphthalene	11.96	142	39810	3.430	ng/ul#	98
37) 1,2,4,5-Tetrachlorobenzene	12.12	216	22482	2.920	ng/ul	95
38) Hexachlorocyclopentadiene	12.10	237	3877	0.987	ng/ul	94
39) 2,4,6-Trichlorophenol	12.39	196	11748	2.585	ng/ul	96
40) 2,4,5-Trichlorophenol	12.47	196	13950	2.807	ng/ul	94
41) 1,1'-Biphenyl	12.78	154	54558	2.976	ng/ul	97
42) 2-Chloronaphthalene	12.82	162	41531	2.878	ng/ul	96
43) 2-Nitroaniline	13.06	65	12905	2.660	ng/ul	99
45) Dimethylphthalate	13.44	163	58270	3.295	ng/ul	99
46) 2,6-Dinitrotoluene	13.57	165	9788	2.864	ng/ul	92
48) Acenaphthylene	13.68	152	67357	3.080	ng/ul	98
49) 3-Nitroaniline	13.91	138	7051	2.482	ng/ul#	90
50) Acenaphthene	14.03	153	46937	3.037	ng/ul	97
51) 2,4-Dinitrophenol	14.14	184	3221	1.814	ng/ul	91
53) 4-Nitrophenol	14.24	109	10566m	4.210	ng/ul	
54) Dibenzofuran	14.37	168	67667	3.086	ng/ul	94
55) 2,4-Dinitrotoluene	14.37	165	15358	3.021	ng/ul#	64
56) 2,3,4,6-Tetrachlorophenol	14.62	232	13564	3.170	ng/ul#	89
57) Diethylphthalate	14.83	149	61755	3.474	ng/ul	100
59) Fluorene	15.02	166	57510	3.210	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.04	204	30497	3.275	ng/ul	97
61) 4-Nitroaniline	15.09	138	7048m	2.193	ng/ul	
64) 4,6-Dinitro-2-methylphenol	15.14	198	9776	3.128	ng/ul#	79
65) N-Nitrosodiphenylamine	15.25	169	48616	3.078	ng/ul	98
66) 4-Bromophenyl-phenylether	15.93	248	18692	3.283	ng/ul	99
67) Hexachlorobenzene	16.04	284	20545	3.166	ng/ul	90
68) Atrazine	16.23	200	17759	3.452	ng/ul	97
69) Pentachlorophenol	16.40	266	7362m	2.301	ng/ul	
70) Phenanthrene	16.77	178	95159	3.235	ng/ul	98
72) Anthracene	16.86	178	93983	3.167	ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	12.74	216	22500	2.763	ng/uL	96
74) Pentachlorobenzene	14.30	250	23415	3.002	ng/uL	98
75) Carbazole	17.15	167	73765	3.105	ng/ul	98
76) Di-n-butylphthalate	17.72	149	96347	3.351	ng/ul	99
77) Fluoranthene	18.80	202	109309	3.593	ng/ul	97
80) Pvrene	19.17	202	122773	3.217	ng/ul	97
81) Butylbenzylphthalate	20.11	149	45200	3.339	ng/ul	99
82) 3,3'-Dichlorobenzidine	20.88	252	31882	2.937	ng/ul	98
83) Benzo(a)anthracene	20.93	228	129928	3.505	ng/ul	100
84) Bis(2-ethylhexyl)phthalate	20.90	149	65542	3.251	ng/ul	100
85) Chrysene	20.98	228	123460	3.357	ng/ul	99
87) Di-n-octyl phthalate	21.74	149	115827	2.931	ng/ul	100
88) Benzo(b)fluoranthene	22.41	252	128553	2.951	ng/ul	98
89) Benzo(k)fluoranthene	22.45	252	131570	3.048	ng/ul	99
91) Benzo(a)pyrene	22.92	252	133927	3.466	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.01	276	142594	2.828	ng/ul	99
93) Dibenzo(a,h)anthracene	25.01	278	122447	2.882	ng/ul	98
94) Benzo(a,h,i)perylene	25.61	276	118225	2.811	ng/ul	98

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM071620\
Data File : BM026794.D
Acq On : 16 Jul 2020 20:43
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Misc : MDL-SOIL-ME-07
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Jul 17 00:51:16 2020
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Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 16 13:06:40 2020
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM071620\
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