

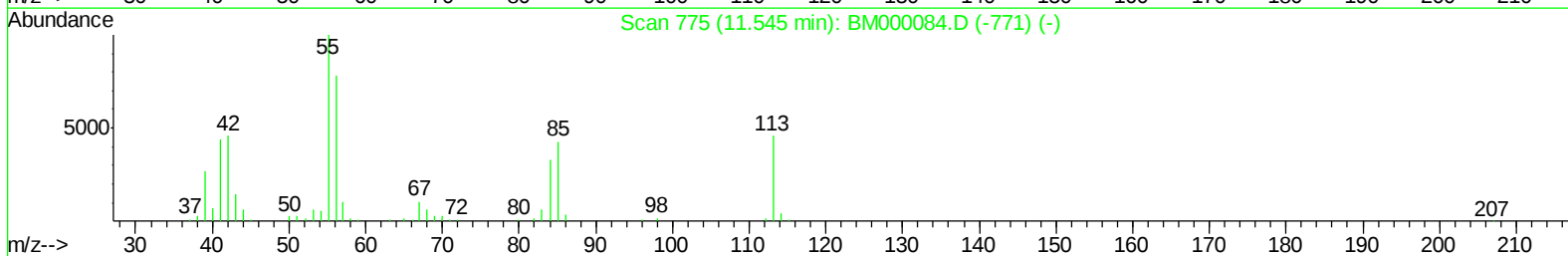
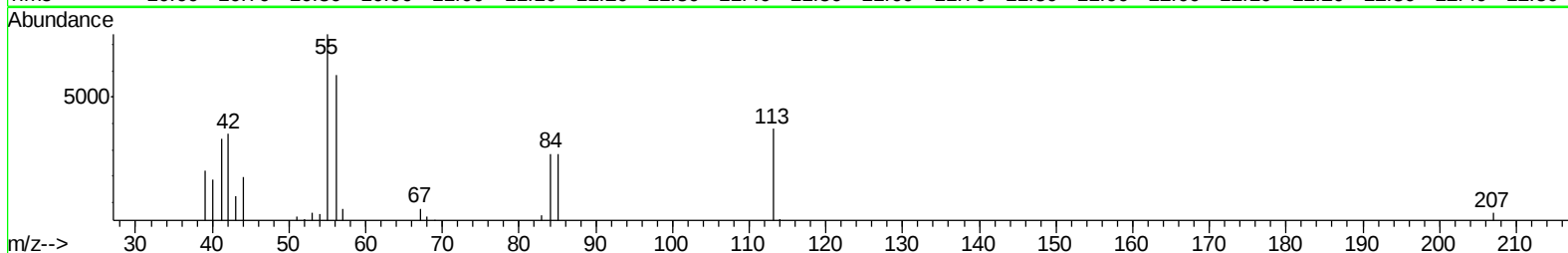
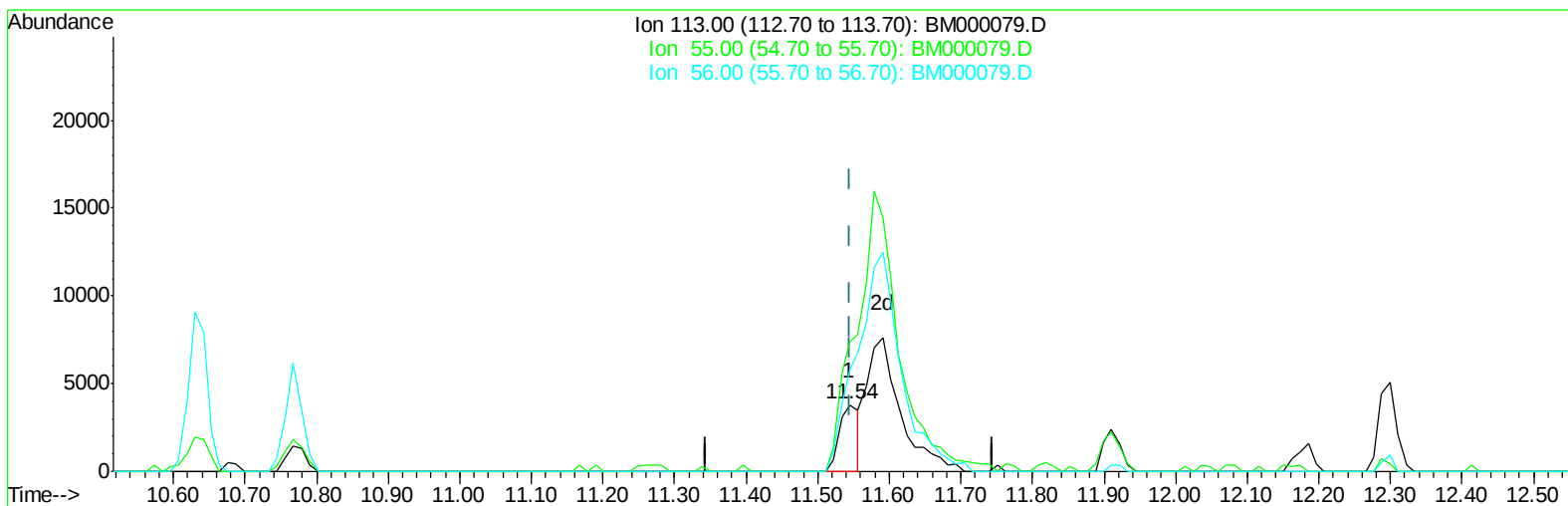
Data Path : Z:\HPCHEM1\BNA_M\Data\BM122914\
Data File : BM000079.D
Acq On : 30 Dec 2014 02:50
Operator : TP
Sample : MDL-04-S
Misc : MDL-SOIL-8PPM
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MDL-06-S

Manual Integrations
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TEJASKUMAR
1/7/2015 9:21:42 AM

Quant Time: Dec 31 03:09:21 2014
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM122914.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 31 02:57:11 2014
Response via : Initial Calibration



TIC: BM000079.D

(32) Caprolactam

11.545min (-0.000) 1.40ng/ul

response 7586

Ion	Exp%	Act%
113.00	100	100
55.00	195.70	194.38
56.00	157.90	153.35
0.00	0.00	0.00

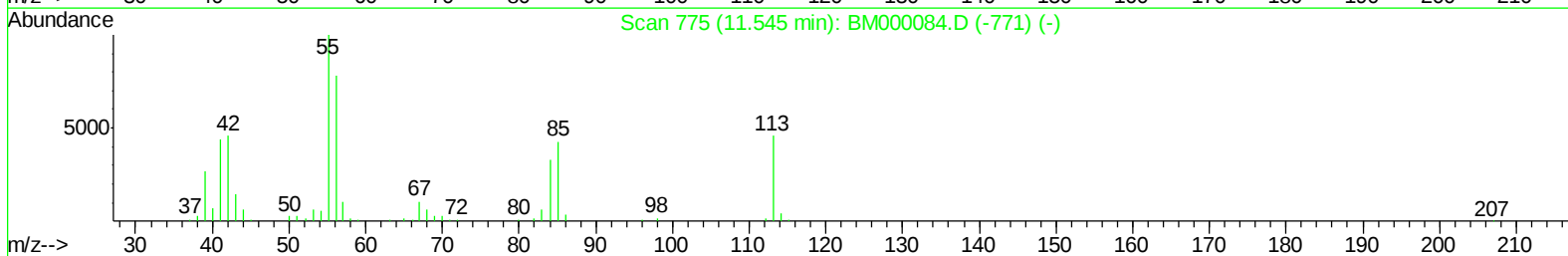
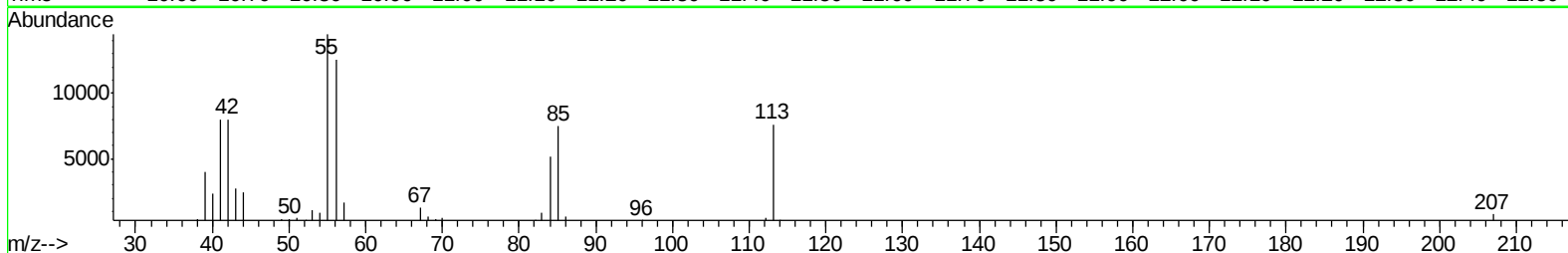
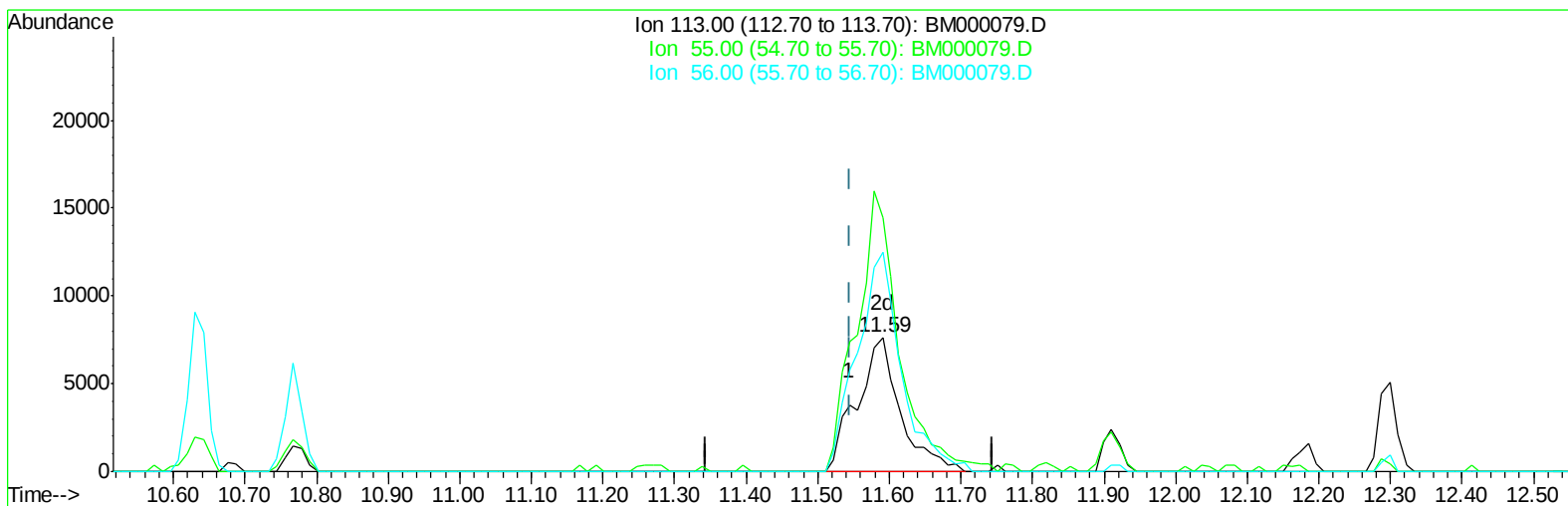
Data Path : Z:\HPCHEM1\BNA_M\Data\BM122914\
Data File : BM000079.D
Acq On : 30 Dec 2014 02:50
Operator : TP
Sample : MDL-04-S
Misc : MDL-SOIL-8PPM
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Manual Integrations
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TIC: BM000079.D

(32) Caprolactam

11.591min (+0.045) 5.97ng/ul m

response 32283

Ion	Exp%	Act%
113.00	100	100
55.00	195.70	189.80
56.00	157.90	163.86
0.00	0.00	0.00

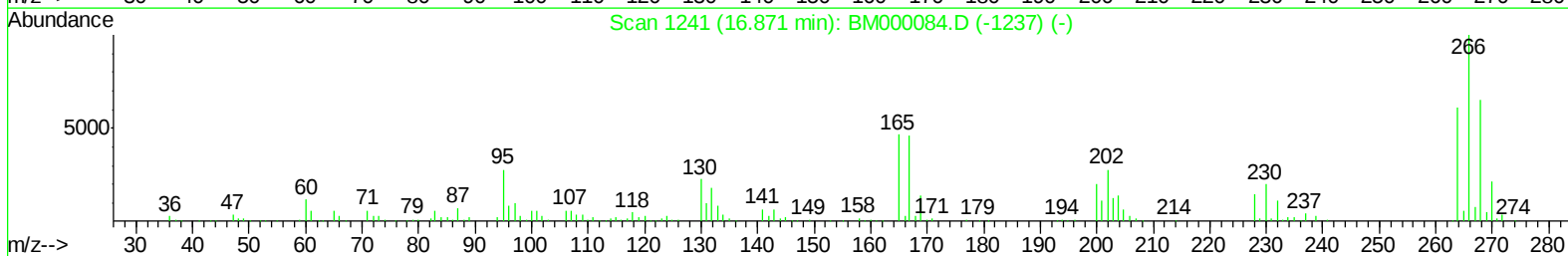
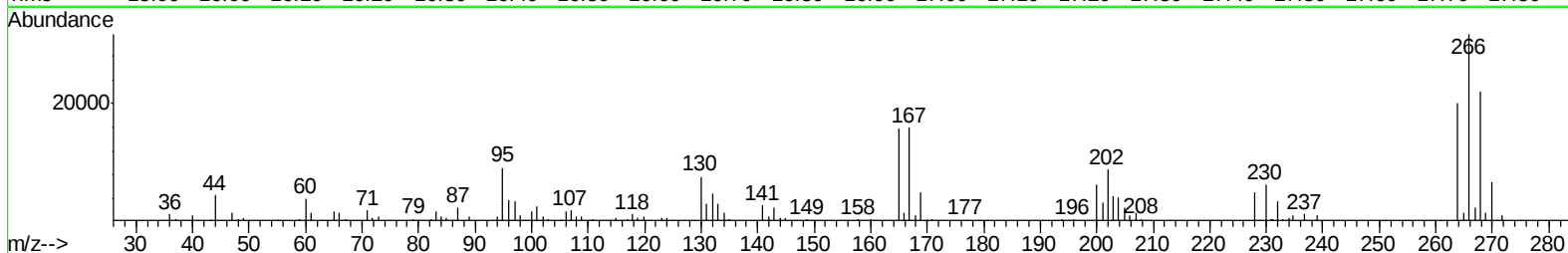
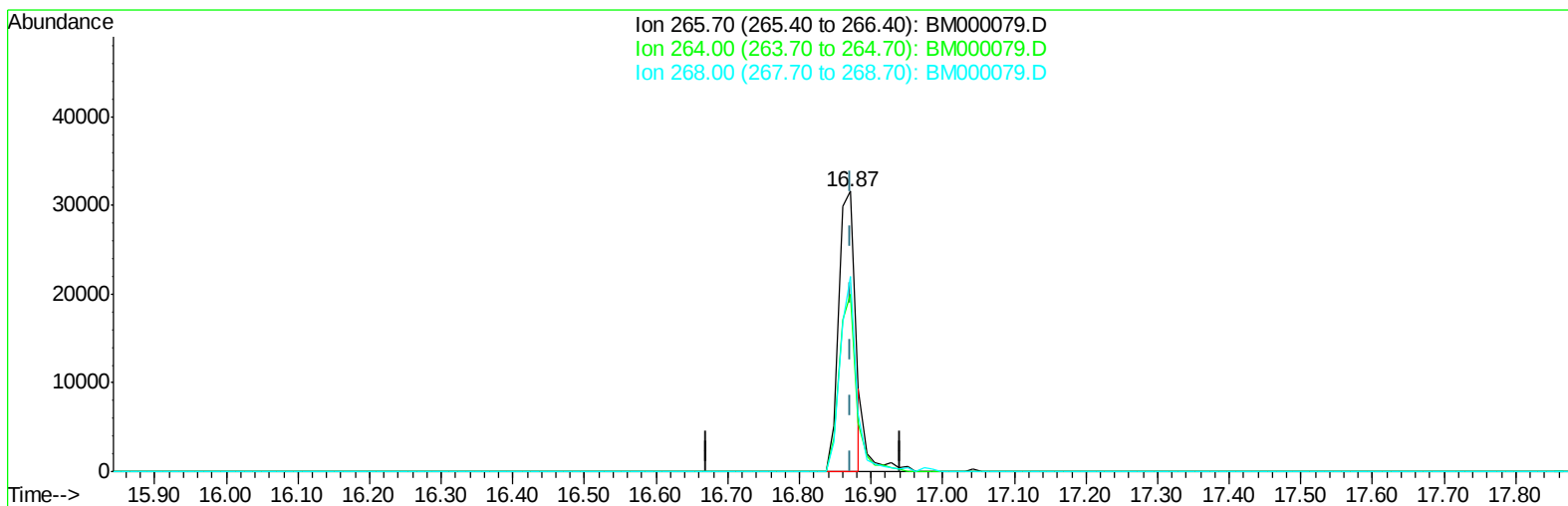
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Misc : MDL-SOIL-8PPM
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Instrument :
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Manual Integrations
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TIC: BM000079.D

(68) Pentachlorophenol (C)

16.871min (-0.000) 4.86ng/ul

response 52101

Ion	Exp%	Act%
265.70	100	100
264.00	62.20	63.30
268.00	60.30	69.68
0.00	0.00	0.00

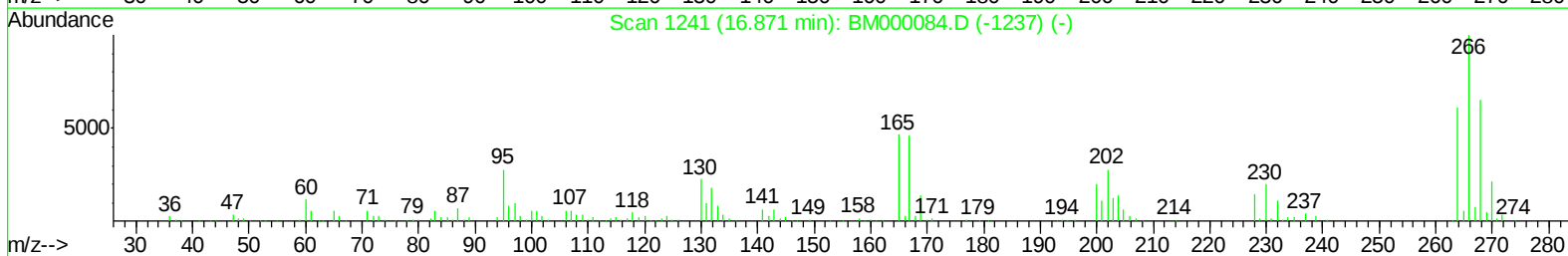
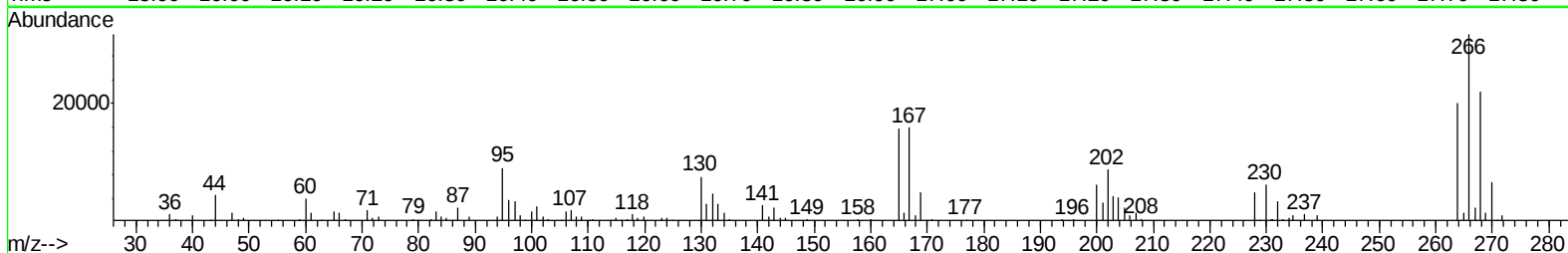
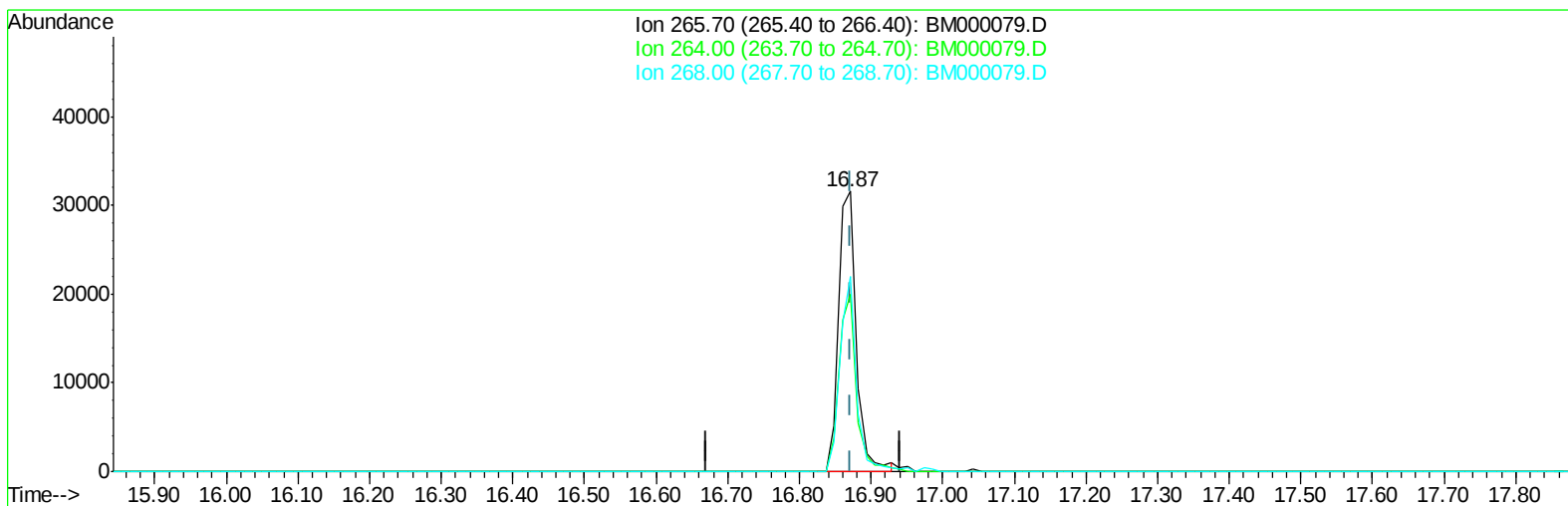
Data Path : Z:\HPCHEM1\BNA_M\Data\BM122914\
Data File : BM000079.D
Acq On : 30 Dec 2014 02:50
Operator : TP
Sample : MDL-04-S
Misc : MDL-SOIL-8PPM
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Manual Integrations
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TEJASKUMAR
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TIC: BM000079.D

(68) Pentachlorophenol (C)

16.871min (-0.000) 5.17ng/ul m

response 55464

Ion	Exp%	Act%
265.70	100	100
264.00	62.20	63.30
268.00	60.30	69.68
0.00	0.00	0.00

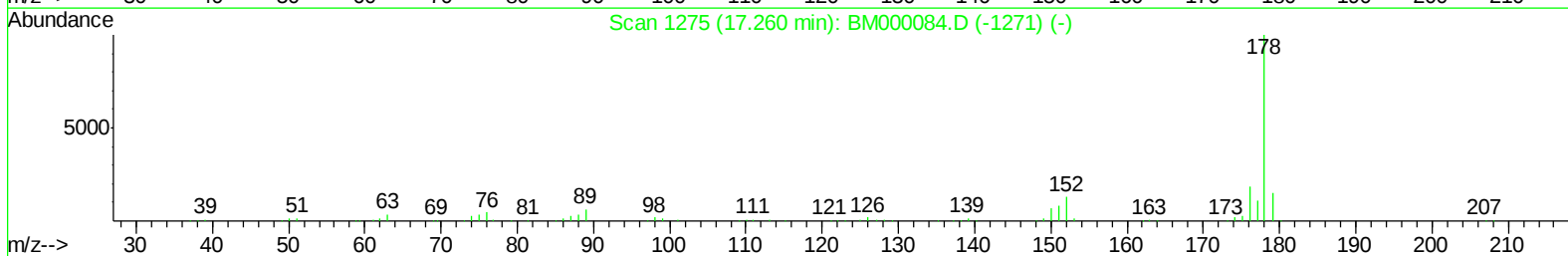
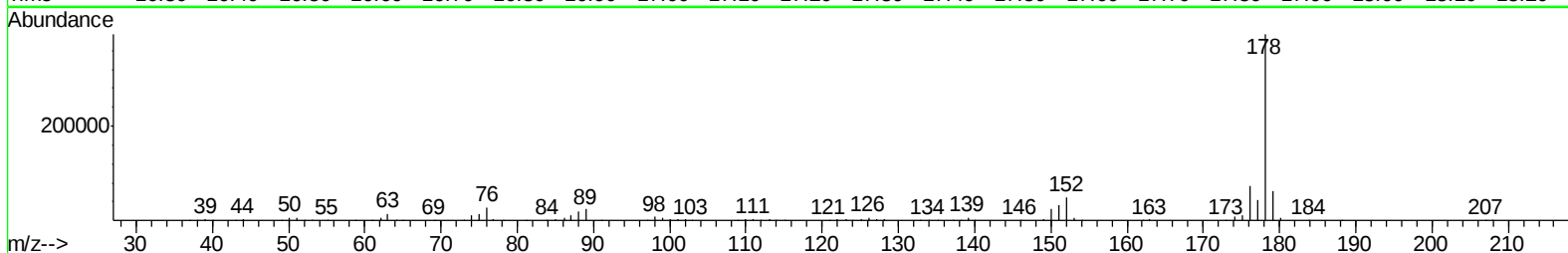
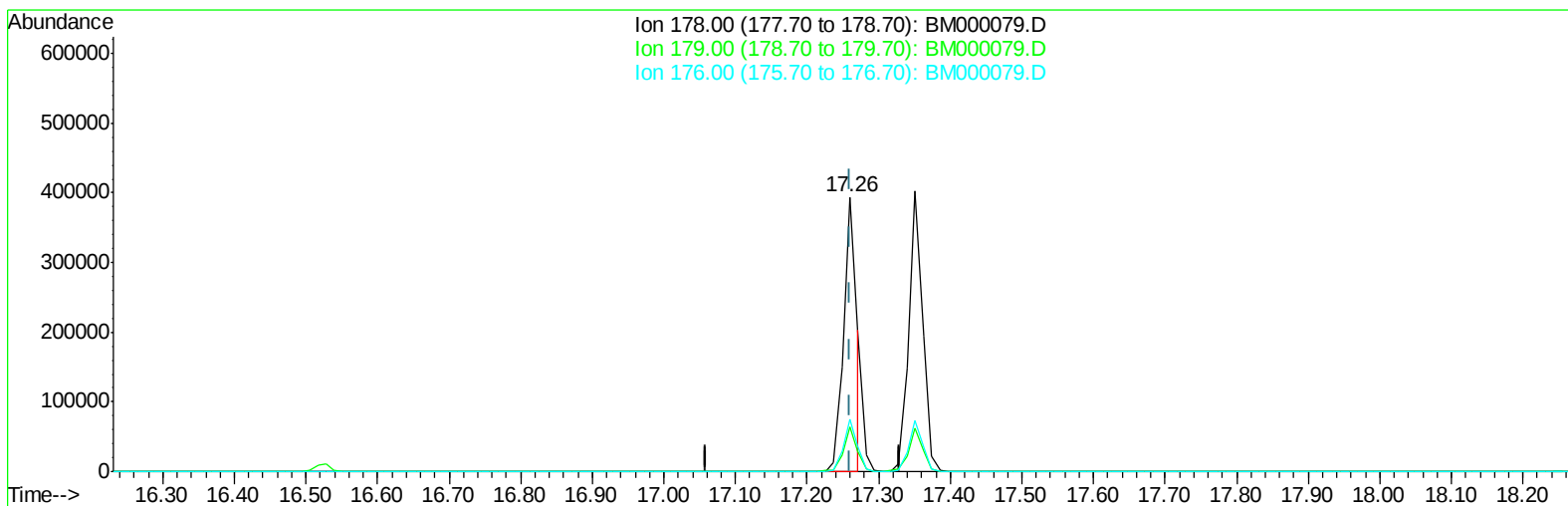
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Misc : MDL-SOIL-8PPM
ALS Vial : 29 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Manual Integrations
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QLast Update : Wed Dec 31 02:57:11 2014
Response via : Initial Calibration



TIC: BM000079.D

(69) Phenanthrene

17.260min (-0.000) 6.41ng/ul

response 520492

Ion	Exp%	Act%
178.00	100	100
179.00	14.50	16.06
176.00	18.30	18.86
0.00	0.00	0.00

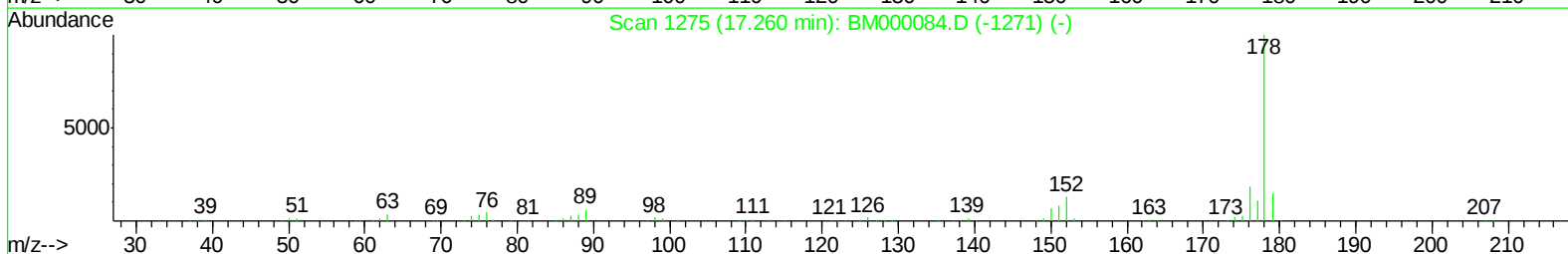
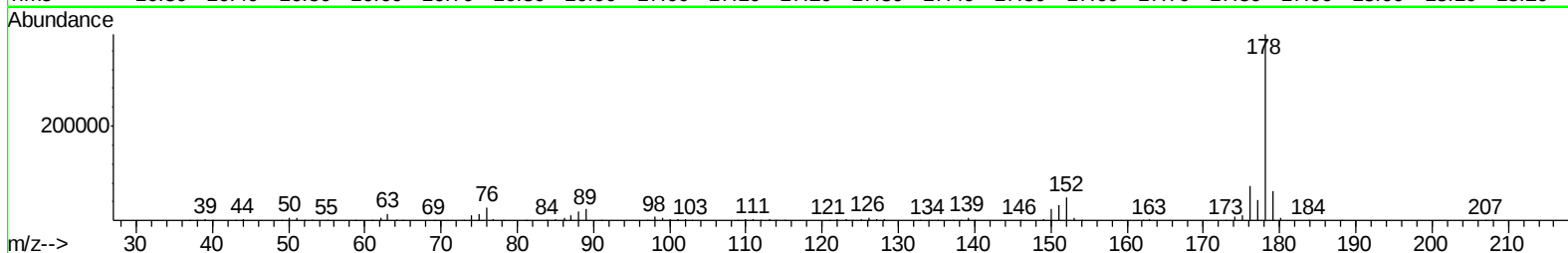
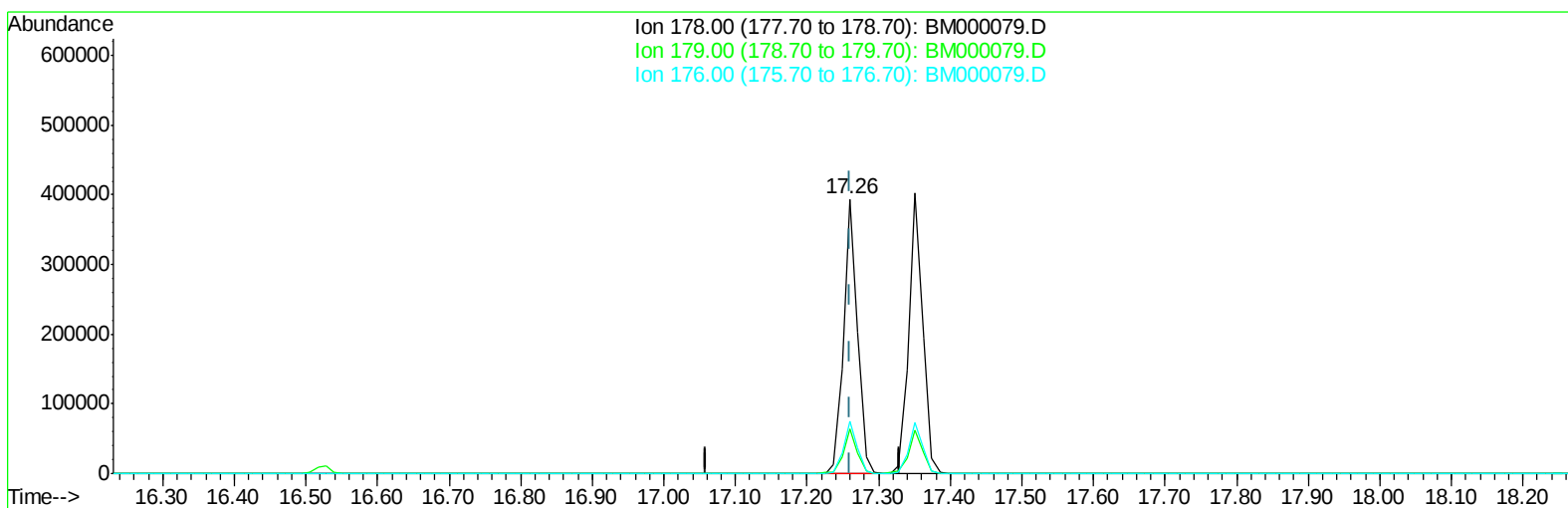
Data Path : Z:\HPCHEM1\BNA_M\Data\BM122914\
Data File : BM000079.D
Acq On : 30 Dec 2014 02:50
Operator : TP
Sample : MDL-04-S
Misc : MDL-SOIL-8PPM
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MDL-06-S

Manual Integrations
APPROVED

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1/7/2015 9:21:42 AM

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Response via : Initial Calibration



TIC: BM000079.D

(69) Phenanthrene

17.260min (-0.000) 6.65ng/ul m

response 540025

Ion	Exp%	Act%
178.00	100	100
179.00	14.50	16.06
176.00	18.30	18.86
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_M\Data\BM122914\
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Instrument :
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Manual Integrations
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Quant Time: Dec 31 07:20:48 2014
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM122914.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Dec 31 02:57:11 2014
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	244637	20.00	ng/ul	0.00
18) Naphthalene-d8	10.64	136	1042495	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.48	164	745077	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.21	188	1500472	20.00	ng/ul	-0.01
75) Chrysene-d12	21.41	240	1420973	20.00	ng/ul	0.00
83) Perylene-d12	23.71	264	1106929	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.32	96	25225	5.98	ng/uL	-0.01
5) Phenol-d5	7.01	99	751542	35.46	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.18	67	443697	34.25	ng/ul	0.00
9) 2-Chlorophenol-d4	7.37	132	530638	35.16	ng/ul	0.00
13) 4-Methylphenol-d8	8.54	113	583158	34.83	ng/ul	0.00
19) Nitrobenzene-d5	9.00	128	267129	37.05	ng/ul	0.00
22) 2-Nitrophenol-d4	9.72	143	289789	39.43	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.25	165	569646	34.90	ng/ul	0.00
29) 4-Chloroaniline-d4	10.77	131	707284	38.35	ng/ul	0.00
43) Dimethylphthalate-d6	13.89	166	1906720	34.70	ng/ul	0.00
46) Acenaphthylene-d8	14.17	160	2252923	34.22	ng/ul	0.00
51) 4-Nitrophenol-d4	14.67	143	290008	32.67	ng/ul	0.00
57) Fluorene-d10	15.47	176	1602119	33.95	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.58	200	135493	18.21	ng/ul	0.00
70) Anthracene-d10	17.32	188	2432383	35.06	ng/ul	0.00
76) Pyrene-d10	19.61	212	2515648	38.38	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.56	264	1854118	37.12	ng/ul	0.00

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.36	88	33055	5.65 ng/uL	90
4) Benzaldehyde	6.98	77	94260	7.14 ng/ul	98
6) Phenol	7.03	94	140346	6.36 ng/ul	99
8) Bis(2-Chloroethyl)ether	7.27	93	106561	6.32 ng/ul	98
10) 2-Chlorophenol	7.41	128	101661	6.44 ng/ul	99
11) 2-Methylphenol	8.28	108	107541	6.32 ng/ul	94
12) 2,2'-oxybis(1-Chloropropan	8.38	45	176805	6.51 ng/ul	100
14) Acetophenone	8.66	105	174357	6.10 ng/ul	99
15) N-Nitroso-di-n-propylamine	8.65	70	95955	6.41 ng/ul	98
16) 4-Methylphenol	8.61	108	115377	6.27 ng/ul	99
17) Hexachloroethane	8.92	117	44388	6.15 ng/ul#	78
20) Nitrobenzene	9.04	77	144617	6.73 ng/ul	98
21) Isophorone	9.57	82	254779	6.15 ng/ul	97
23) 2-Nitrophenol	9.75	139	55908	6.88 ng/ul	96
24) 2,4-Dimethylphenol	9.81	107	144056	6.53 ng/ul	99
25) Bis(2-Chloroethoxy)methane	10.05	93	143767	6.23 ng/ul	99
27) 2,4-Dichlorophenol	10.28	162	106598	6.57 ng/ul	93
28) Naphthalene	10.69	128	338420	6.37 ng/ul	99
30) 4-Chloroaniline	10.79	127	116449	6.10 ng/ul	96
31) Hexachlorobutadiene	10.97	225	75811	6.59 ng/ul	95
32) Caprolactam	11.59	113	32283m	5.97 ng/ul	
33) 4-Chloro-3-methylphenol	11.91	107	126177	6.34 ng/ul	98
34) 2-Methylnaphthalene	12.30	142	251984	6.39 ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.66	216	133840	6.48	ng/ul	97
37) Hexachlorocyclopentadiene	12.65	237	73073	5.35	ng/ul	99
38) 2,4,6-Trichlorophenol	12.90	196	81222	6.16	ng/ul	92
39) 2,4,5-Trichlorophenol	12.97	196	85440	5.97	ng/ul	96
40) 1,1'-Biphenyl	13.30	154	337731	6.29	ng/ul	99
41) 2-Chloronaphthalene	13.35	162	267515	6.50	ng/ul	98
42) 2-Nitroaniline	13.56	65	80649	6.05	ng/ul	94
44) Dimethylphthalate	13.93	163	353177	6.45	ng/ul	99
45) 2,6-Dinitrotoluene	14.05	165	61408	6.27	ng/ul	87
47) Acenaphthylene	14.20	152	425554	6.13	ng/ul	99
48) 3-Nitroaniline	14.38	138	60261	6.01	ng/ul	92
49) Acenaphthene	14.54	153	276495	6.25	ng/ul	100
50) 2,4-Dinitrophenol	14.59	184	10995	2.21	ng/ul#	81
52) 4-Nitrophenol	14.68	109	75297	6.38	ng/ul	95
53) Dibenzofuran	14.87	168	405695	6.33	ng/ul	97
54) 2,4-Dinitrotoluene	14.84	165	89029	6.09	ng/ul	89
55) 2,3,4,6-Tetrachlorophenol	15.10	232	76998	6.24	ng/ul#	95
56) Diethylphthalate	15.29	149	367483	6.39	ng/ul	98
58) Fluorene	15.52	166	334540	6.29	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.52	204	163700	6.24	ng/ul	96
60) 4-Nitroaniline	15.53	138	70489	6.22	ng/ul	96
63) 4,6-Dinitro-2-methylphenol	15.59	198	25724	3.38	ng/ul#	78
64) N-Nitrosodiphenylamine	15.73	169	285059	6.55	ng/ul	99
65) 4-Bromophenyl-phenylether	16.41	248	100192	6.55	ng/ul	92
66) Hexachlorobenzene	16.53	284	116343	6.60	ng/ul	95
67) Atrazine	16.68	200	108448	6.32	ng/ul	96
68) Pentachlorophenol	16.87	266	55464m	5.17	ng/ul	
69) Phenanthrene	17.26	178	540025m	6.65	ng/ul	
71) Anthracene	17.35	178	530495	6.35	ng/ul	100
72) Carbazole	17.61	167	480395	6.39	ng/ul	97
73) Di-n-butylphthalate	18.19	149	596139	6.64	ng/ul	98
74) Fluoranthene	19.27	202	610496	6.56	ng/ul#	96
77) Pyrene	19.64	202	619611	7.23	ng/ul#	95
78) Butylbenzylphthalate	20.54	149	230666	6.63	ng/ul	91
79) 3,3'-Dichlorobenzidine	21.32	252	153940	5.93	ng/ul#	97
80) Benzo(a)anthracene	21.39	228	535171	6.52	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.32	149	325597	6.43	ng/ul	97
82) Chrysene	21.44	228	502070	6.64	ng/ul	100
84) Di-n-octyl phthalate	22.22	149	488675	6.42	ng/ul	100
85) Benzo(b)fluoranthene	23.01	252	485873	6.88	ng/ul	98
86) Benzo(k)fluoranthene	23.05	252	399453	6.62	ng/ul	98
88) Benzo(a)pyrene	23.60	252	409974	6.61	ng/ul	98
89) Indeno(1,2,3-cd)pyrene	26.04	276	420029	6.49	ng/ul	98
90) Dibenzo(a,h)anthracene	26.05	278	360697	6.62	ng/ul	97
91) Benzo(g,h,i)perylene	26.75	276	353121	6.64	ng/ul	97

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

