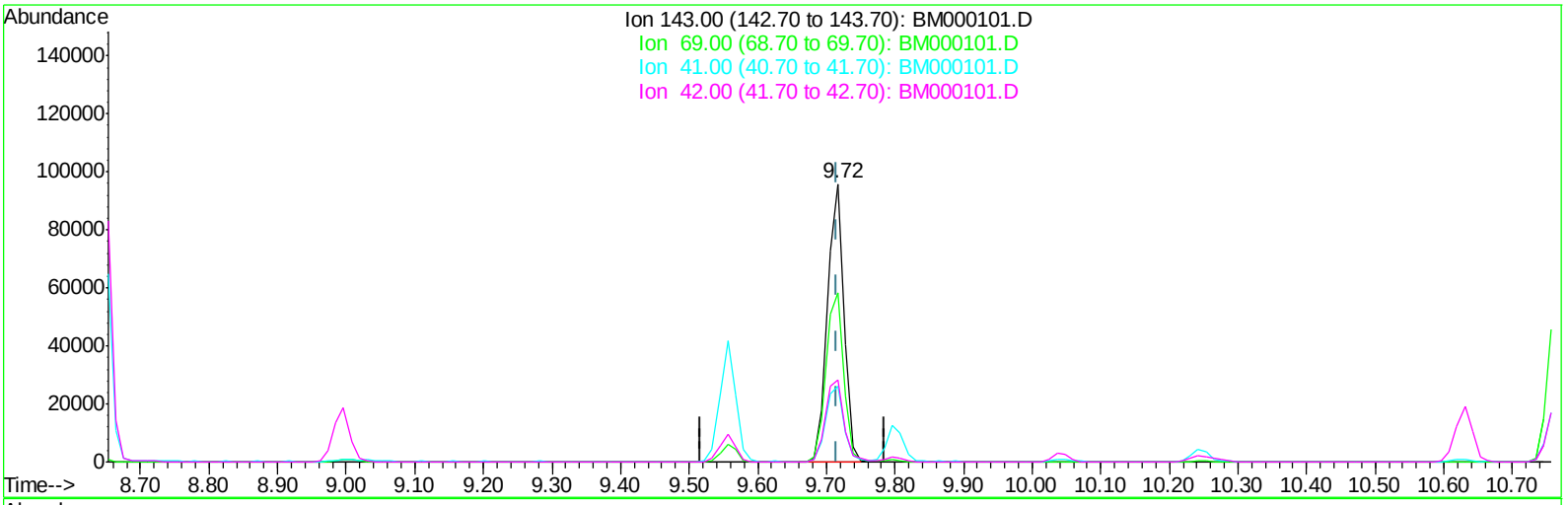
Quantitation Report (Qedit)

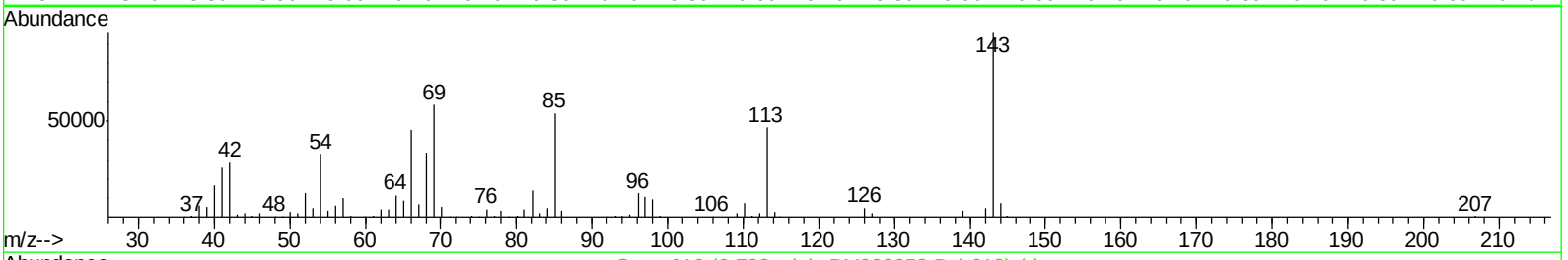
Data Path : Z:\HPCHEM1\BNA_M\Data\BM010215\
Data File : BM000101.D
Acq On : 02 Jan 2015 09:40
Operator : TP/IZ
Sample : SSTD02011
Misc :
ALS Vial : 2 Sample Multiplier: 1

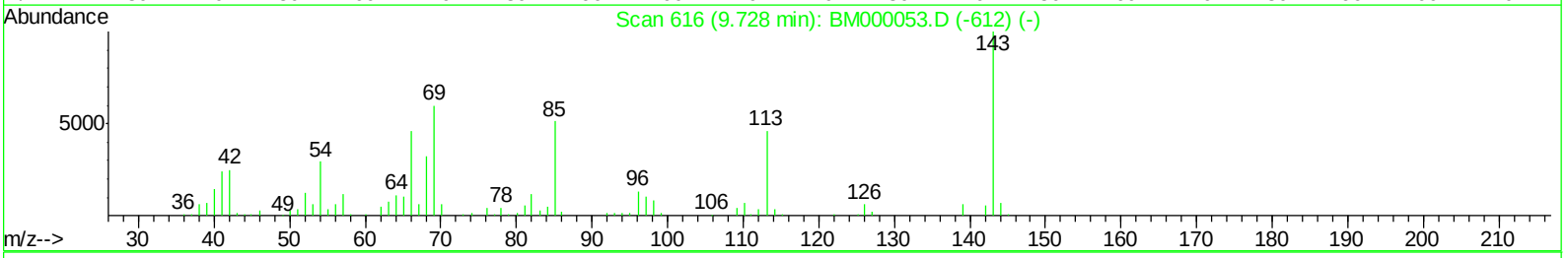
Quant Time: Jan 03 05:36:08 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM122914.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 31 02:57:11 2014
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTD02011

Manual Integrations APPROVED
TEJASKUMAR
1/6/2015 1:36:34 PM







TIC: BM000101.D

(22) 2-Nitrophenol-d4 (S)

9.716min (-0.000) 20.93ng/ul m

response 160713

Ion	Exp%	Act%
143.00	100	100
69.00	59.80	60.80
41.00	24.30	27.11
42.00	25.10	29.74

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM010215\
Data File : BM000101.D
Acq On : 02 Jan 2015 09:40
Operator : TP/IZ
Sample : SSTD02011
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jan 03 05:36:08 2015
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

Instrument :
BNA_M
ClientSampleId :
SSTD02011

Manual Integrations APPROVED
TEJASKUMAR
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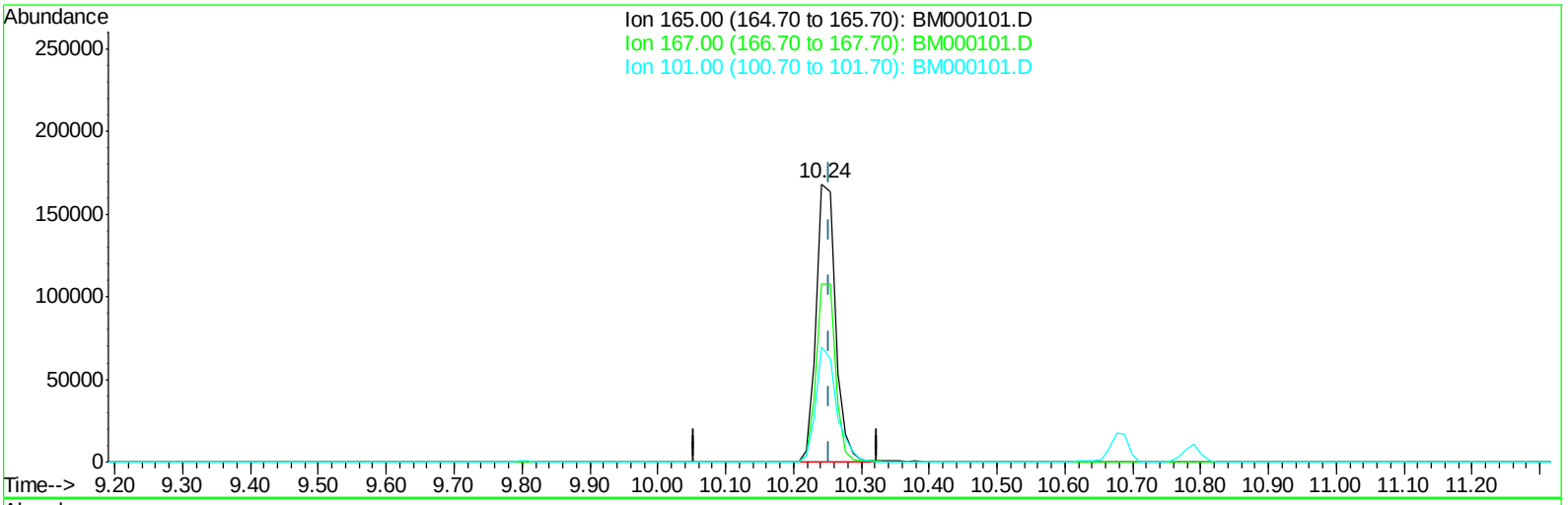

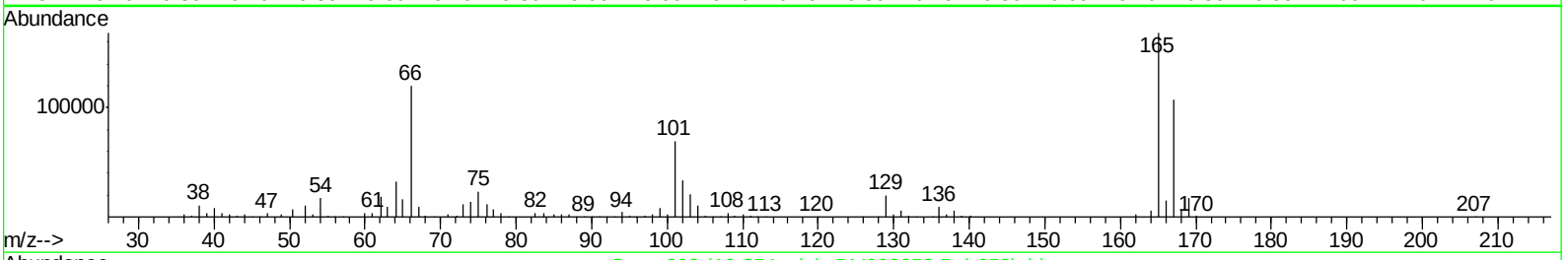

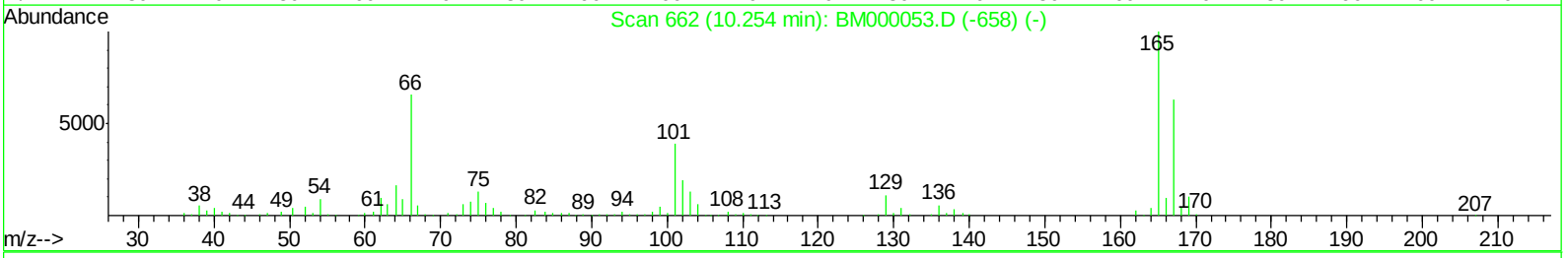

TIC: BM000101.D

(26) 2,4-Dichlorophenol-d3 (S)

10.242min (-0.011) 19.12ng/ul m

response 326067

Ion	Exp%	Act%
165.00	100	100
167.00	63.00	64.00
101.00	38.90	41.22
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM010215\
Data File : BM000101.D
Acq On : 02 Jan 2015 09:40
Operator : TP/IZ
Sample : SSTD02011
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jan 03 05:36:08 2015
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

Instrument :
BNA_M
ClientSampleId :
SSTD02011

Manual Integrations APPROVED
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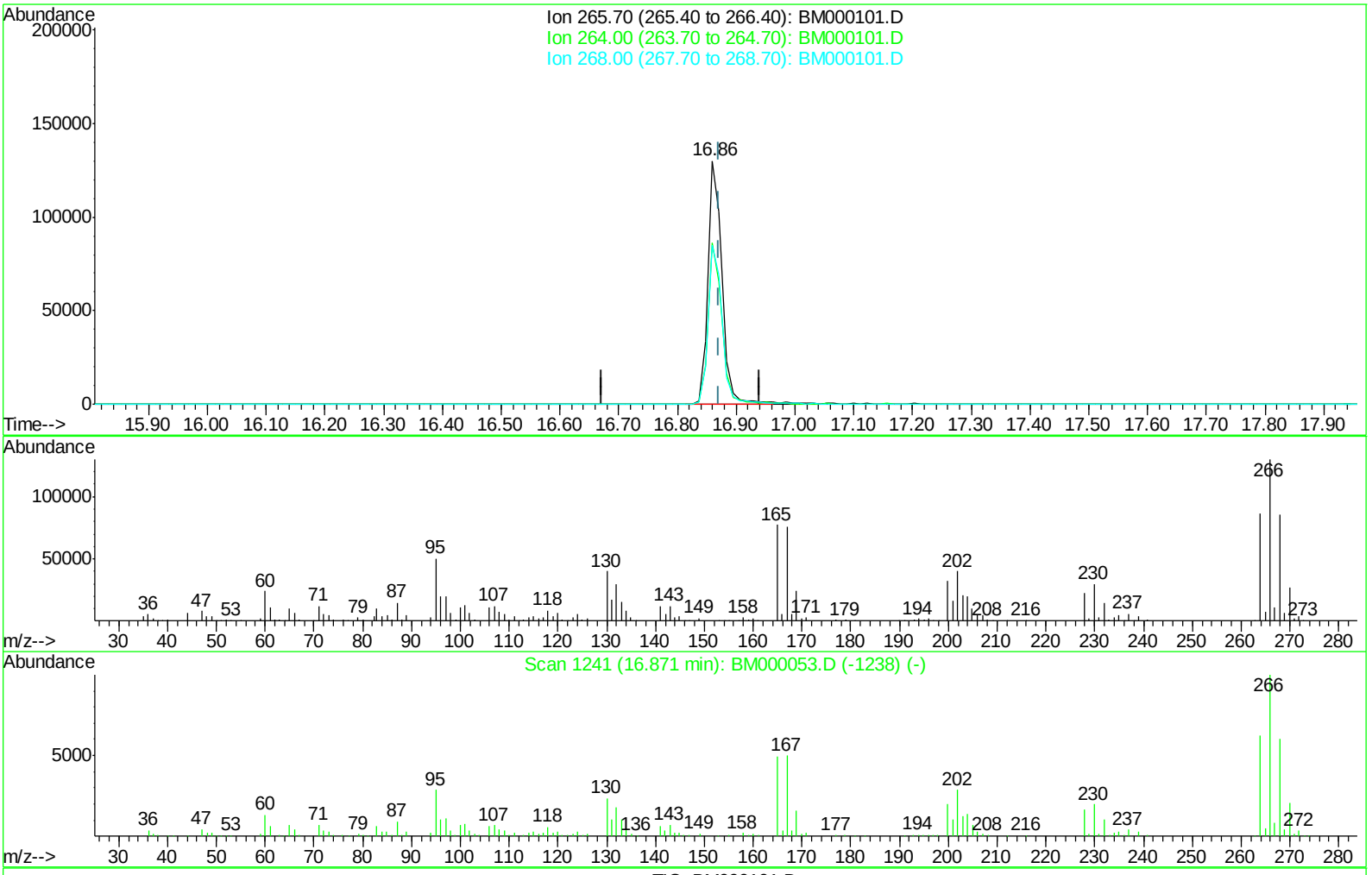
1/6/2015 1:36:34 PM



TIC: BM000101.D

(68) Pentachlorophenol (C)

16.860min (-0.012) 18.20ng/ul m

response 210233

Ion	Exp%	Act%
265.70	100	100
264.00	62.20	66.52
268.00	60.30	65.57
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM010215\
Data File : BM000101.D
Acq On : 02 Jan 2015 09:40
Operator : TP/IZ
Sample : SSTD02011
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jan 03 05:36:08 2015
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

Instrument :
BNA_M
ClientSampleId :
SSTD02011

Manual Integrations APPROVED
TEJASKUMAR
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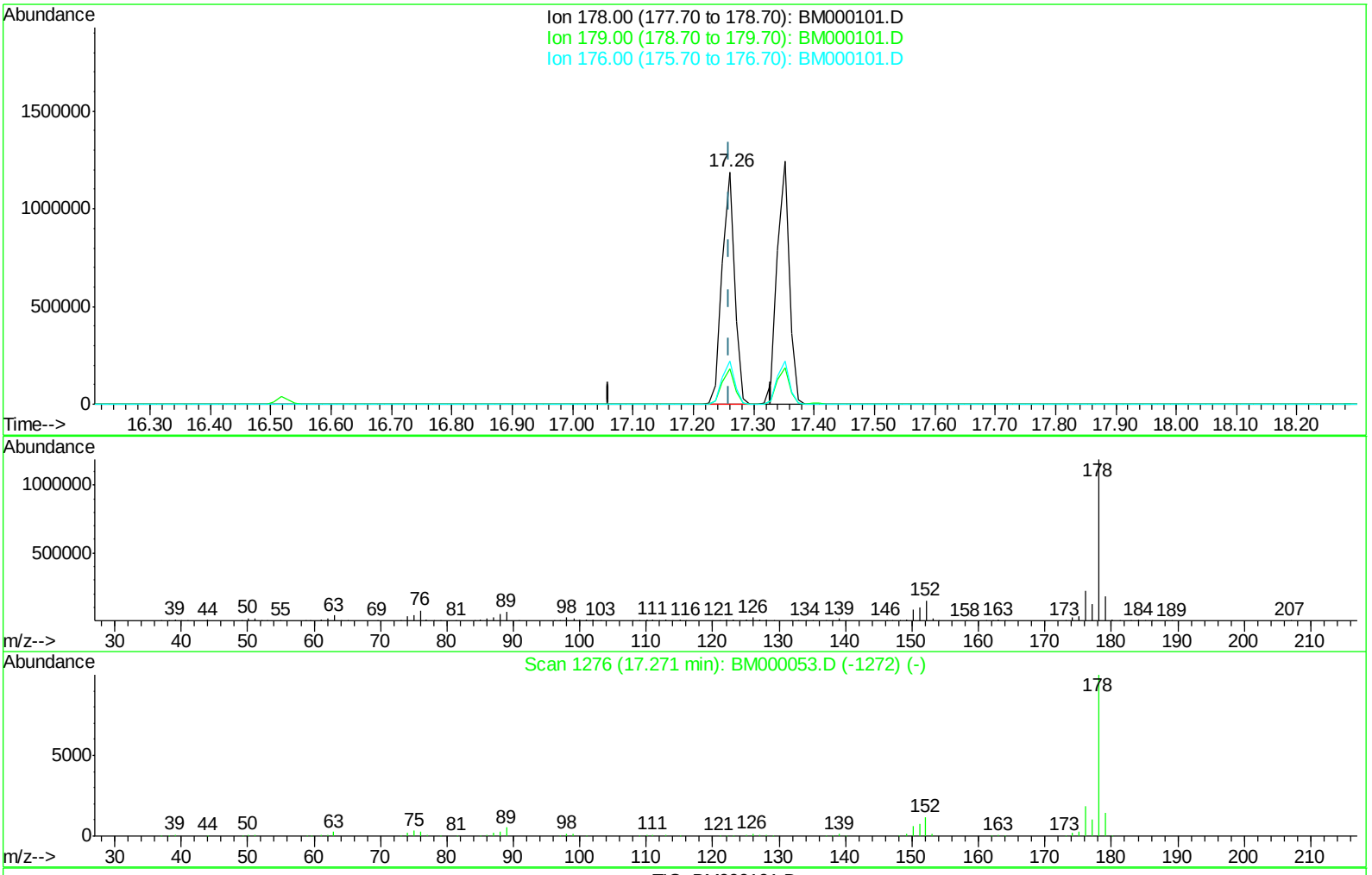

TIC: BM000101.D

(69) Phenanthrene

17.260min (-0.000) 19.32ng/ul m

response 1689233

Ion	Exp%	Act%
178.00	100	100
179.00	14.50	15.22
176.00	18.30	18.50
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM010215\
Data File : BM000101.D
Acq On : 02 Jan 2015 09:40
Operator : TP/IZ
Sample : SSTD02011
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jan 03 05:36:08 2015
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

Instrument :
BNA_M
ClientSampleId :
SSTD02011

Manual Integrations APPROVED
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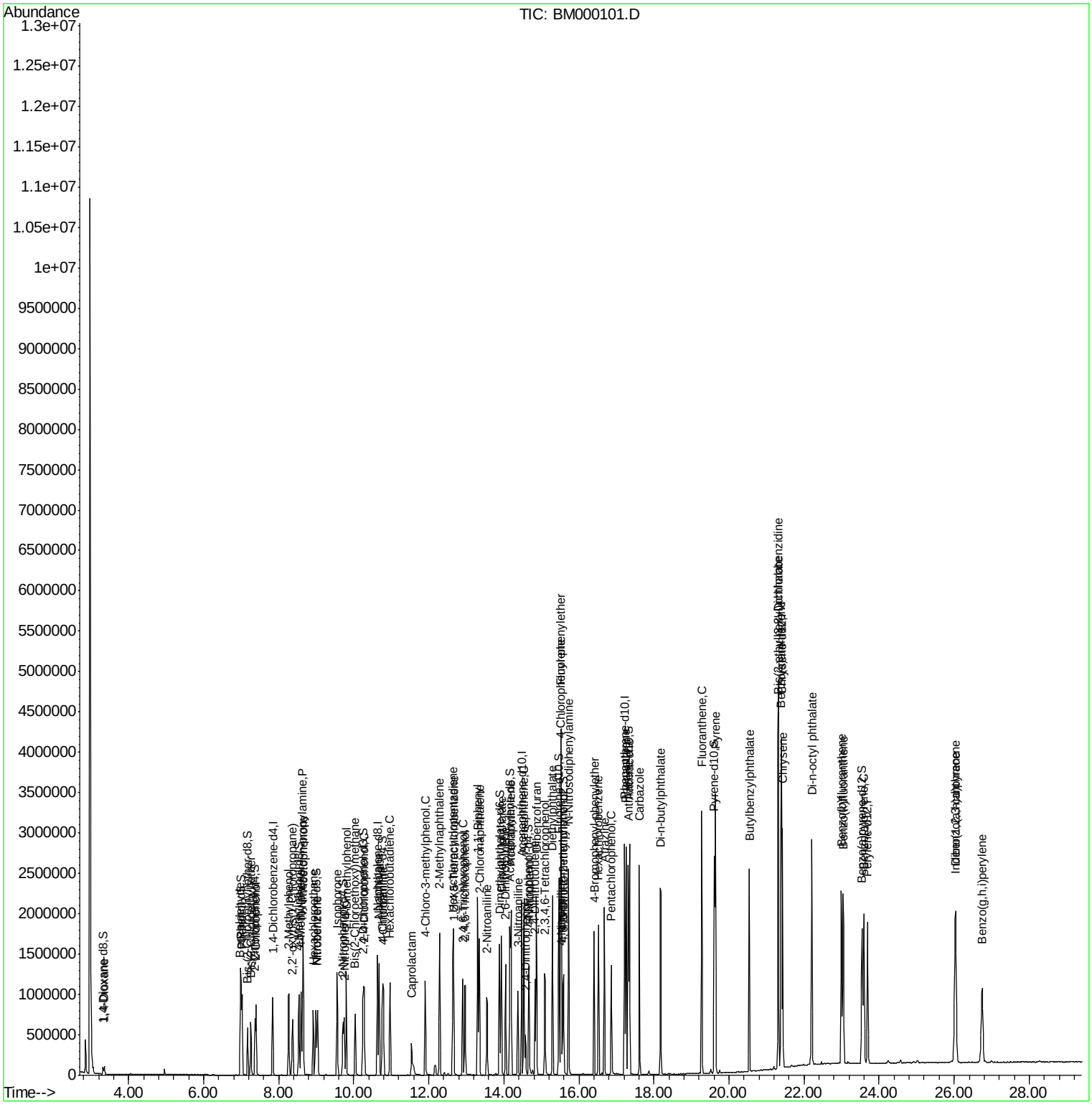


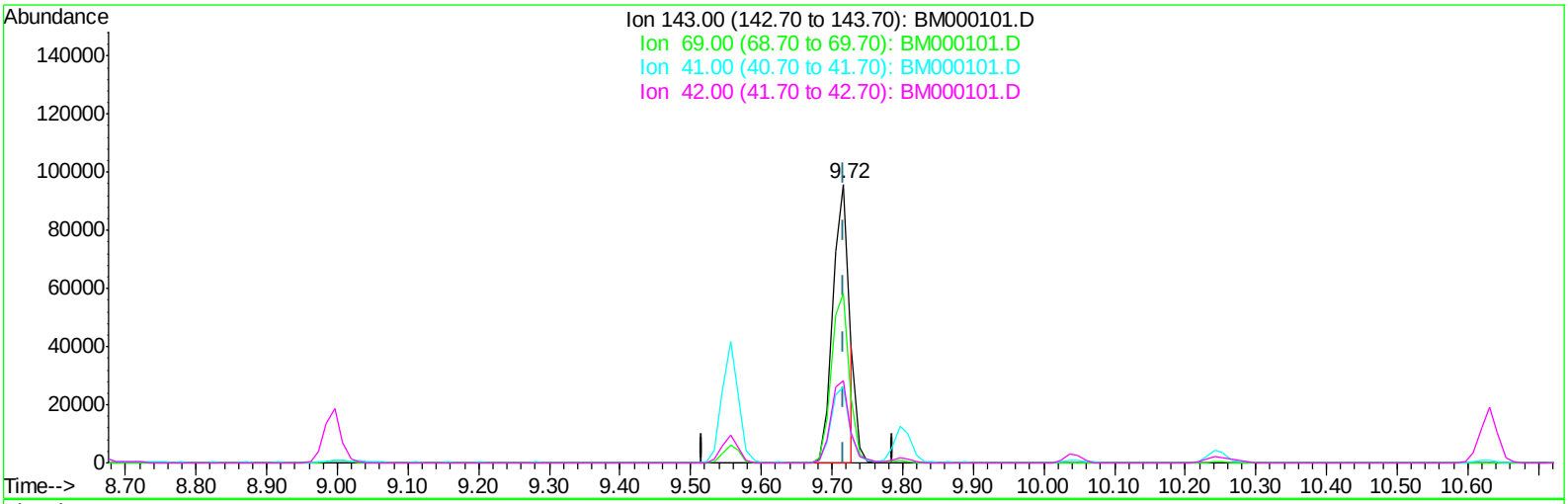
Quantitation Report (Qedit)

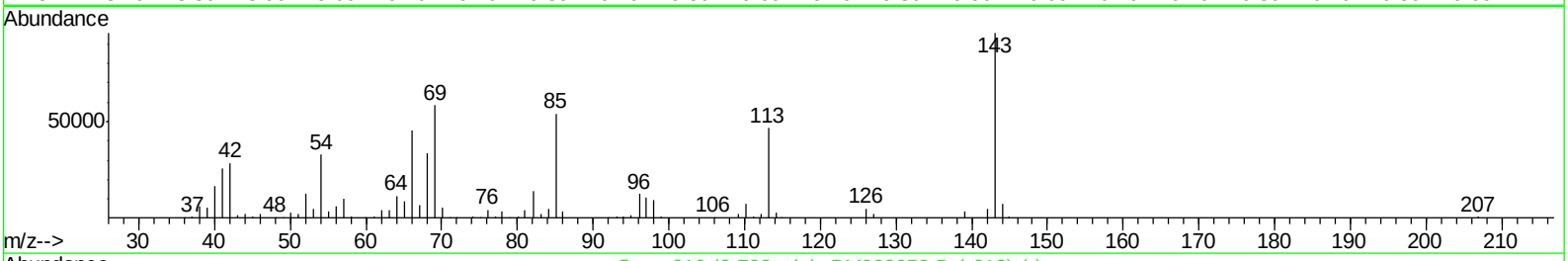
Data Path : Z:\HPCHEM1\BNA_M\Data\BM010215\
Data File : BM000101.D
Acq On : 02 Jan 2015 09:40
Operator : TP/IZ
Sample : SSTD02011
Misc :
ALS Vial : 2 Sample Multiplier: 1

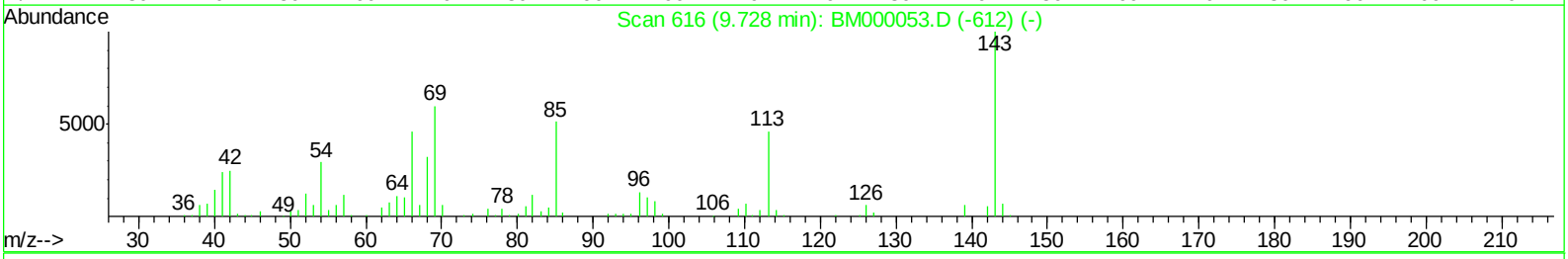
Quant Time: Jun 22 18:24:33 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM122914.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jun 22 17:41:17 2015
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTD02011

Manual Integrations APPROVED
TEJASKUMAR
1/6/2015 1:36:34 PM







TIC: BM000101.D

(22) 2-Nitrophenol-d4 (S)

9.716min (-0.000) 20.41ng/ul

response 156723

Ion	Exp%	Act%
143.00	100	100
69.00	59.80	60.80
41.00	24.30	27.11
42.00	25.10	29.74

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM010215\
Data File : BM000101.D
Acq On : 02 Jan 2015 09:40
Operator : TP/IZ
Sample : SSTD02011
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 22 18:24:33 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM122914.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jun 22 17:41:17 2015
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTD02011

Manual Integrations APPROVED
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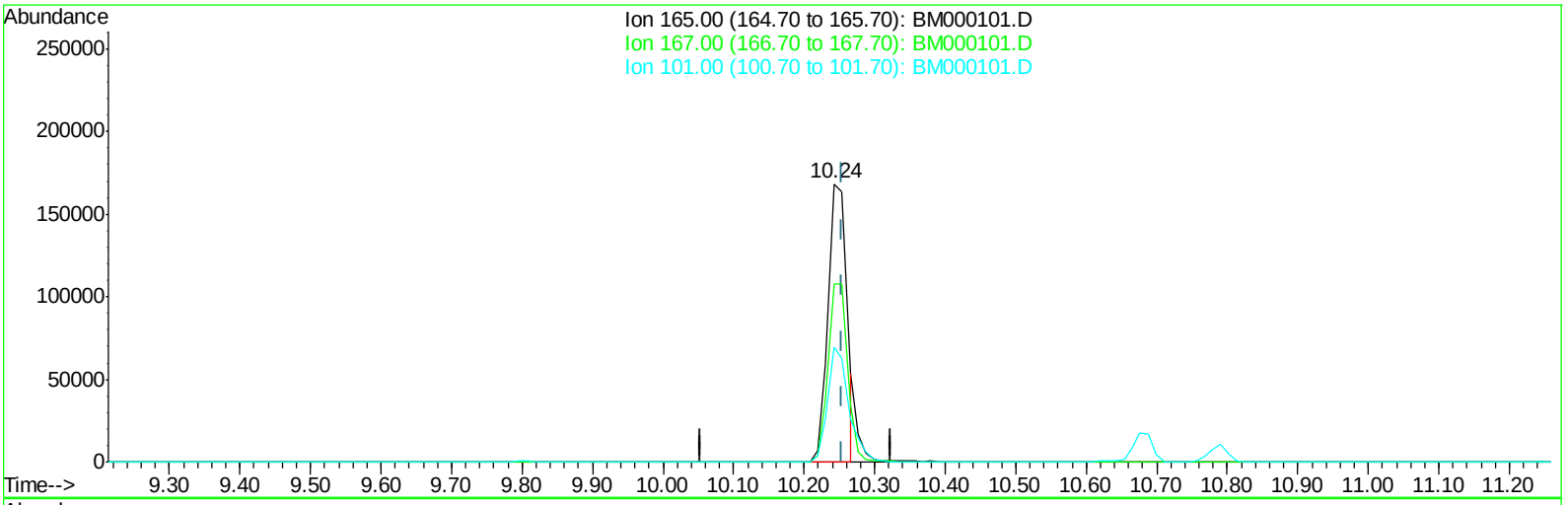
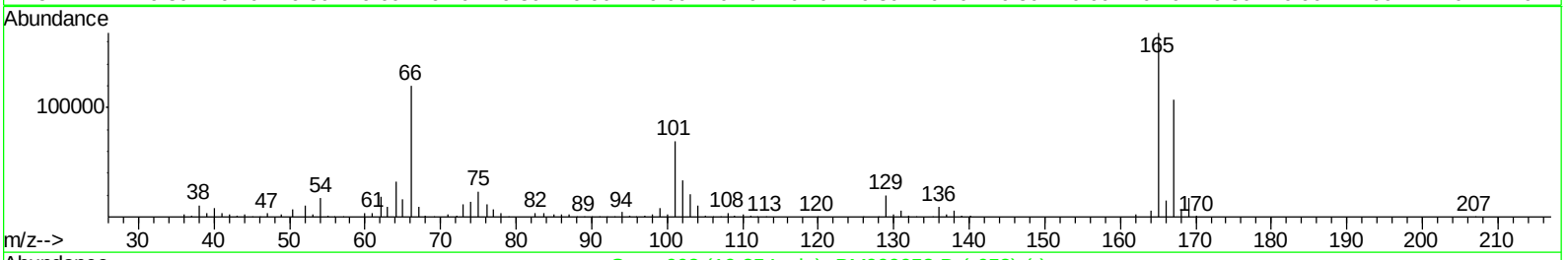
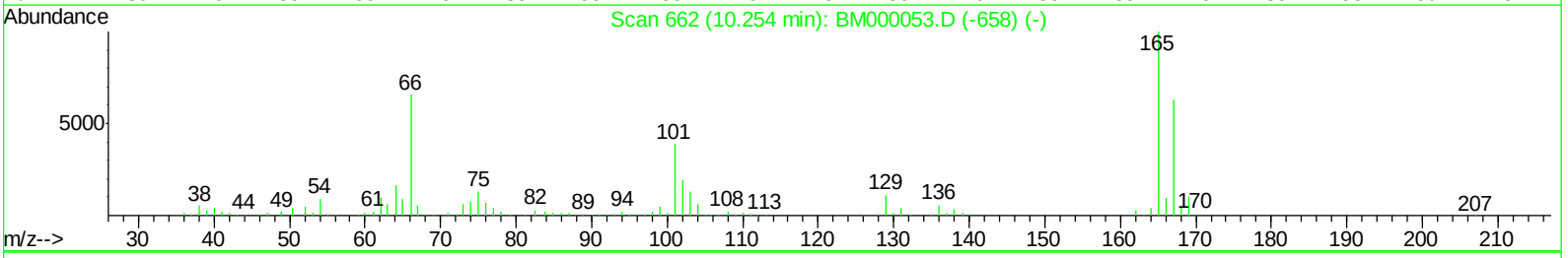






TIC: BM000101.D

(26) 2,4-Dichlorophenol-d3 (S)

10.242min (-0.011) 18.07ng/ul

response 308148

Ion	Exp%	Act%
165.00	100	100
167.00	63.00	64.00
101.00	38.90	41.22
0.00	0.00	0.00

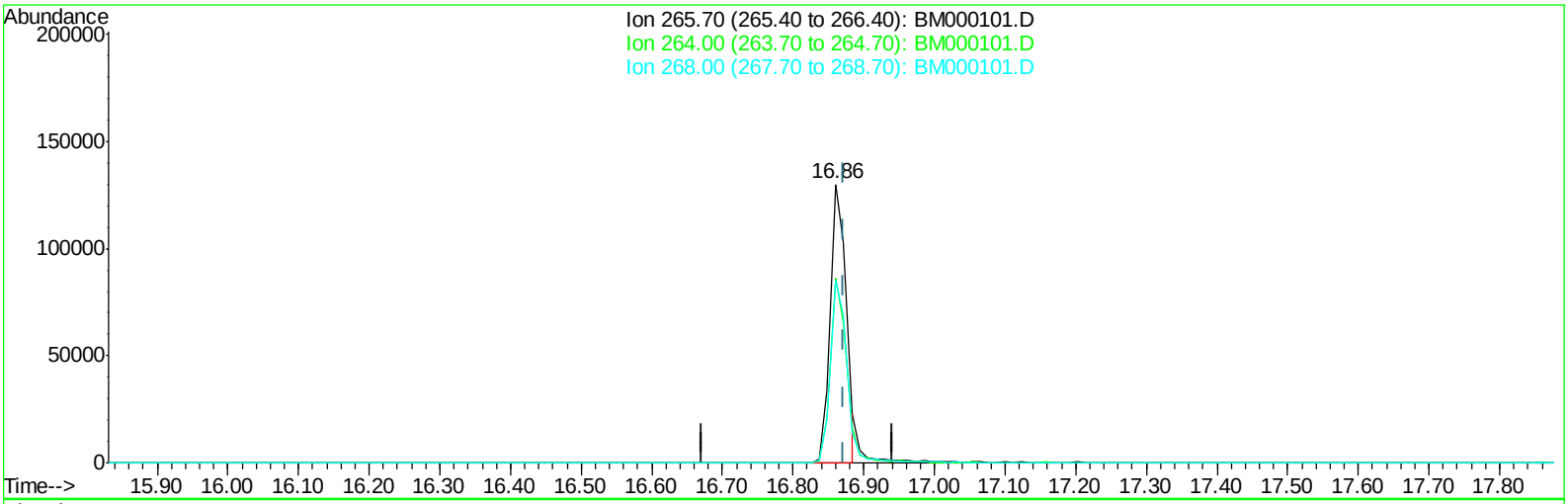
Quantitation Report (Qedit)

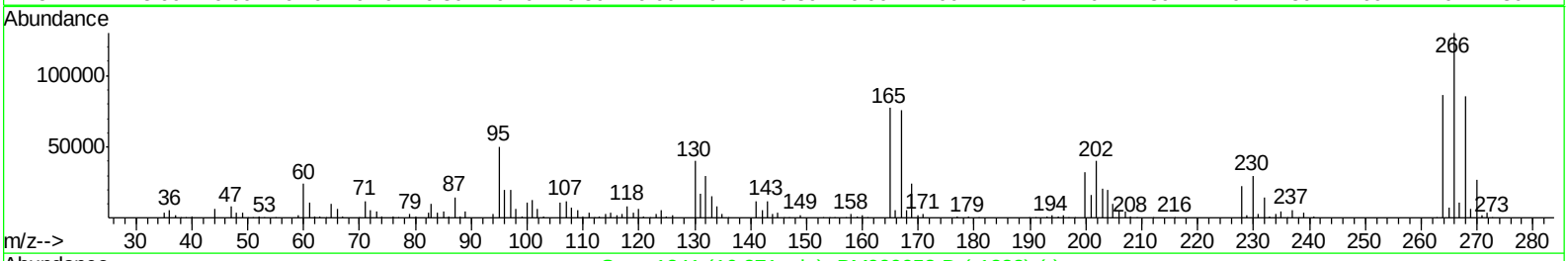
Data Path : Z:\HPCHEM1\BNA_M\Data\BM010215\
Data File : BM000101.D
Acq On : 02 Jan 2015 09:40
Operator : TP/IZ
Sample : SSTD02011
Misc :
ALS Vial : 2 Sample Multiplier: 1

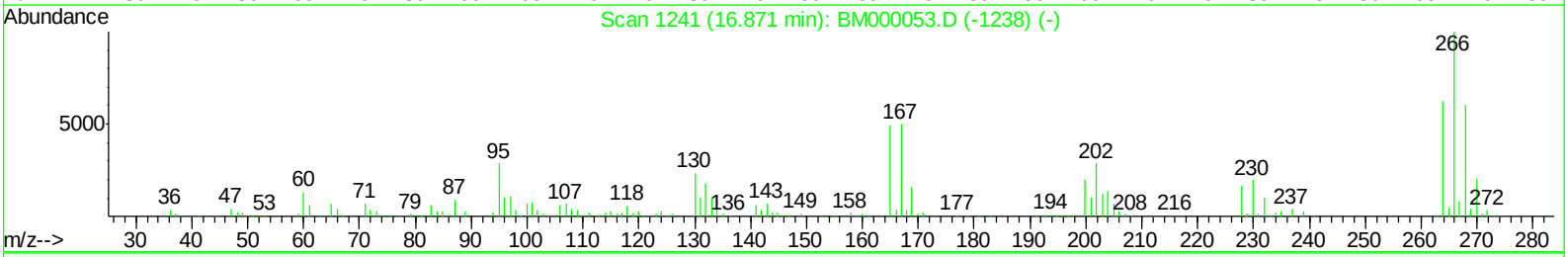
Quant Time: Jun 22 18:24:33 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM122914.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jun 22 17:41:17 2015
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTD02011

Manual Integrations APPROVED
TEJASKUMAR
1/6/2015 1:36:34 PM







TIC: BM000101.D

(68) Pentachlorophenol (C)

16.860min (-0.012) 17.28ng/ul

response 199534

Ion	Exp%	Act%
265.70	100	100
264.00	62.20	66.52
268.00	60.30	65.57
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM010215\
Data File : BM000101.D
Acq On : 02 Jan 2015 09:40
Operator : TP/IZ
Sample : SSTD02011
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 22 18:24:33 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM122914.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jun 22 17:41:17 2015
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTD02011

Manual Integrations APPROVED
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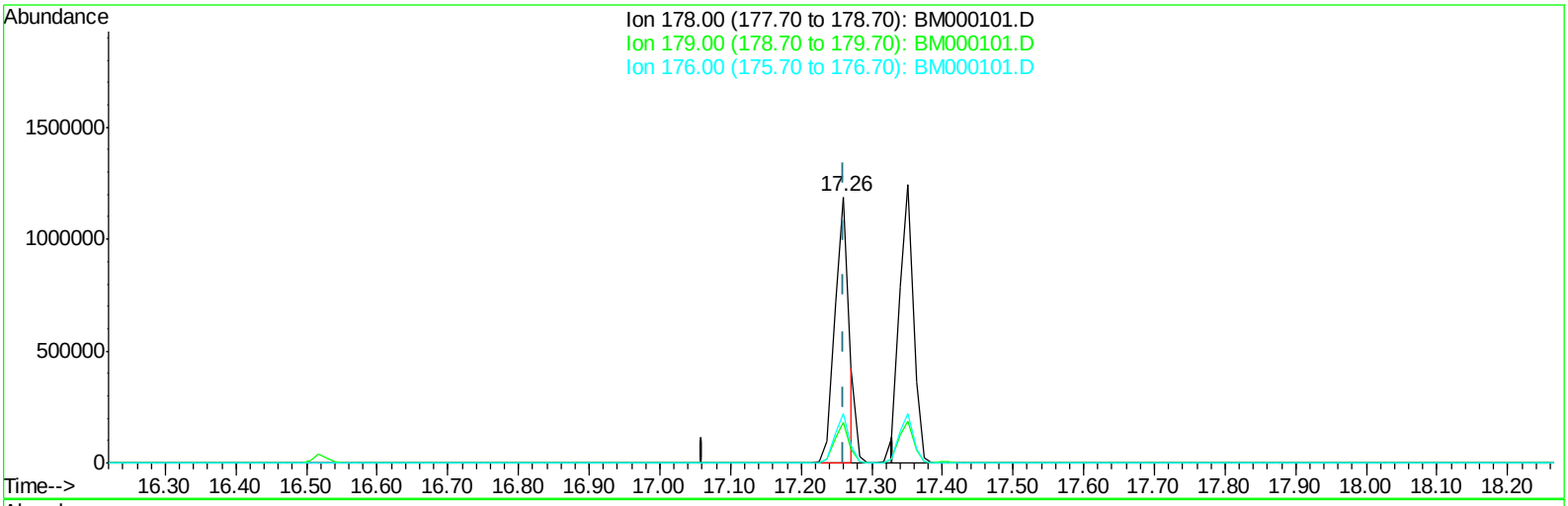

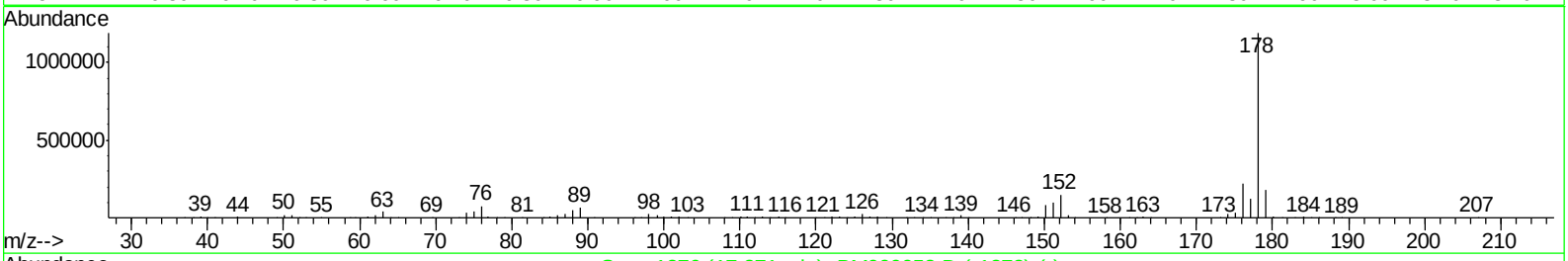

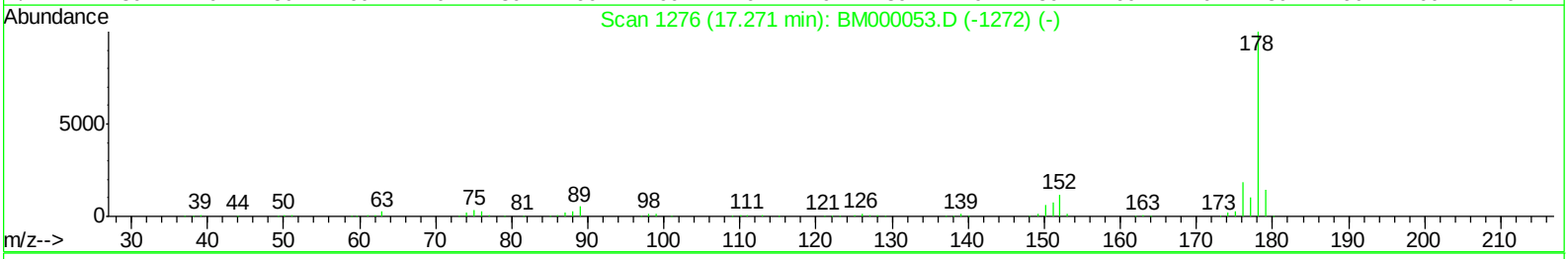

TIC: BM000101.D

(69) Phenanthrene

17.260min (-0.000) 19.03ng/ul

response 1664387

Ion	Exp%	Act%
178.00	100	100
179.00	14.50	15.22
176.00	18.30	18.50
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM010215\
Data File : BM000101.D
Acq On : 02 Jan 2015 09:40
Operator : TP/IZ
Sample : SSTD02011
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02011

Manual Integrations APPROVED
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1/6/2015 1:36:34 PM

Quant Time: Jan 03 05:36:08 2015
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	247717	20.00	ng/ul	0.00
18) Naphthalene-d8	10.63	136	1089138	20.00	ng/ul	-0.01
35) Acenaphthene-d10	14.47	164	769836	20.00	ng/ul	-0.01
61) Phenanthrene-d10	17.21	188	1615955	20.00	ng/ul	-0.01
75) Chrysene-d12	21.40	240	1618696	20.00	ng/ul	-0.01
83) Perylene-d12	23.69	264	1324884	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.32	96	33419	7.82	ng/uL	-0.01
5) Phenol-d5	7.00	99	413177	19.25	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	7.17	67	254732	19.42	ng/ul	-0.01
9) 2-Chlorophenol-d4	7.37	132	299351	19.59	ng/ul	0.00
13) 4-Methylphenol-d8	8.54	113	327466	19.32	ng/ul	0.00
19) Nitrobenzene-d5	9.00	128	153128	20.33	ng/ul	0.00
22) 2-Nitrophenol-d4	9.72	143	160713m	20.93	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.24	165	326067m	19.12	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.77	131	420632	21.83	ng/ul	0.00
43) Dimethylphthalate-d6	13.89	166	1077388	18.98	ng/ul	0.00
46) Acenaphthylene-d8	14.16	160	1303297	19.16	ng/ul	-0.01
51) 4-Nitrophenol-d4	14.67	143	168061	18.32	ng/ul	0.00
57) Fluorene-d10	15.47	176	929993	19.07	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.58	200	149378	18.64	ng/ul	0.00
70) Anthracene-d10	17.32	188	1439039	19.26	ng/ul	0.00
76) Pyrene-d10	19.60	212	1581945	21.19	ng/ul	-0.01
87) Benzo(a)pyrene-d12	23.55	264	1176082	19.67	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.35	88	42513	7.18	ng/uL	97
4) Benzaldehyde	6.97	77	297355	22.24	ng/ul	97
6) Phenol	7.02	94	428698	19.19	ng/ul	90
8) Bis(2-Chloroethyl)ether	7.26	93	323224	18.92	ng/ul	95
10) 2-Chlorophenol	7.40	128	310889	19.44	ng/ul	96
11) 2-Methylphenol	8.28	108	336165	19.50	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.37	45	562976	20.46	ng/ul	97
14) Acetophenone	8.65	105	561658	19.41	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.64	70	299382	19.76	ng/ul	95
16) 4-Methylphenol	8.60	108	357391	19.17	ng/ul	96
17) Hexachloroethane	8.92	117	144660	19.80	ng/ul	94
20) Nitrobenzene	9.03	77	454062	20.22	ng/ul	98
21) Isophorone	9.56	82	836112	19.32	ng/ul	99
23) 2-Nitrophenol	9.75	139	169791	20.00	ng/ul#	90
24) 2,4-Dimethylphenol	9.80	107	447411	19.42	ng/ul	97
25) Bis(2-Chloroethoxy)methane	10.04	93	456941	18.96	ng/ul	98
27) 2,4-Dichlorophenol	10.28	162	326450	19.26	ng/ul	98
28) Naphthalene	10.68	128	1062398	19.13	ng/ul	99
30) 4-Chloroaniline	10.79	127	412003	20.67	ng/ul	97
31) Hexachlorobutadiene	10.96	225	240576	20.02	ng/ul	96
32) Caprolactam	11.54	113	103082	18.26	ng/ul	92
33) 4-Chloro-3-methylphenol	11.91	107	412956	19.85	ng/ul	99
34) 2-Methylnaphthalene	12.29	142	784394	19.05	ng/ul	100

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM010215\
Data File : BM000101.D
Acq On : 02 Jan 2015 09:40
Operator : TP/IZ
Sample : SSTD02011
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jan 03 05:36:08 2015
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

Instrument : BNA_M
ClientSampleId : SSTD02011

Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.67	216	416977	19.53 ng/ul	98
37) Hexachlorocyclopentadiene	12.64	237	262524	18.62 ng/ul	100
38) 2,4,6-Trichlorophenol	12.91	196	271673	19.95 ng/ul	98
39) 2,4,5-Trichlorophenol	12.97	196	286487	19.37 ng/ul	98
40) 1,1'-Biphenyl	13.31	154	1067154	19.23 ng/ul	99
41) 2-Chloronaphthalene	13.35	162	823553	19.37 ng/ul	98
42) 2-Nitroaniline	13.55	65	292960	21.26 ng/ul	93
44) Dimethylphthalate	13.93	163	1092400	19.32 ng/ul	99
45) 2,6-Dinitrotoluene	14.05	165	208021	20.57 ng/ul	87
47) Acenaphthylene	14.20	152	1371061	19.12 ng/ul	99
48) 3-Nitroaniline	14.38	138	225515	21.77 ng/ul	88
49) Acenaphthene	14.54	153	869429	19.02 ng/ul	98
50) 2,4-Dinitrophenol	14.57	184	91328	17.78 ng/ul#	86
52) 4-Nitrophenol	14.68	109	240151	19.69 ng/ul	91
53) Dibenzofuran	14.87	168	1253109	18.93 ng/ul	96
54) 2,4-Dinitrotoluene	14.84	165	309416	20.50 ng/ul	90
55) 2,3,4,6-Tetrachlorophenol	15.10	232	255809	20.06 ng/ul#	92
56) Diethylphthalate	15.29	149	1152930	19.40 ng/ul	97
58) Fluorene	15.52	166	1048472	19.09 ng/ul	100
59) 4-Chlorophenyl-phenylether	15.51	204	520548	19.21 ng/ul	97
60) 4-Nitroaniline	15.55	138	228360	19.51 ng/ul	93
63) 4,6-Dinitro-2-methylphenol	15.59	198	155645	18.98 ng/ul#	87
64) N-Nitrosodiphenylamine	15.73	169	907473	19.36 ng/ul	99
65) 4-Bromophenyl-phenylether	16.41	248	320438	19.46 ng/ul	98
66) Hexachlorobenzene	16.52	284	375446	19.78 ng/ul#	92
67) Atrazine	16.68	200	356541	19.29 ng/ul	99
68) Pentachlorophenol	16.86	266	210233m	18.20 ng/ul	
69) Phenanthrene	17.26	178	1689233m	19.32 ng/ul	
71) Anthracene	17.35	178	1727927	19.21 ng/ul	99
72) Carbazole	17.61	167	1542375	19.04 ng/ul	98
73) Di-n-butylphthalate	18.19	149	1905199	19.71 ng/ul	100
74) Fluoranthene	19.27	202	1970481	19.65 ng/ul	99
77) Pyrene	19.64	202	2021763	20.72 ng/ul	99
78) Butylbenzylphthalate	20.54	149	855211	21.57 ng/ul	98
79) 3,3'-Dichlorobenzidine	21.32	252	584772	19.76 ng/ul	99
80) Benzo(a)anthracene	21.39	228	1797236	19.23 ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.31	149	1212511	21.01 ng/ul#	98
82) Chrysene	21.43	228	1665908	19.34 ng/ul	99
84) Di-n-octyl phthalate	22.21	149	1914961	21.02 ng/ul	100
85) Benzo(b)fluoranthene	23.00	252	1593572	18.85 ng/ul	99
86) Benzo(k)fluoranthene	23.04	252	1528853	21.18 ng/ul	99
88) Benzo(a)pyrene	23.59	252	1441187	19.41 ng/ul	98
89) Indeno(1,2,3-cd)pyrene	26.03	276	1486273	19.18 ng/ul	96
90) Dibenzo(a,h)anthracene	26.04	278	1266337	19.41 ng/ul	97
91) Benzo(g,h,i)perylene	26.75	276	1239703	19.47 ng/ul	98

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