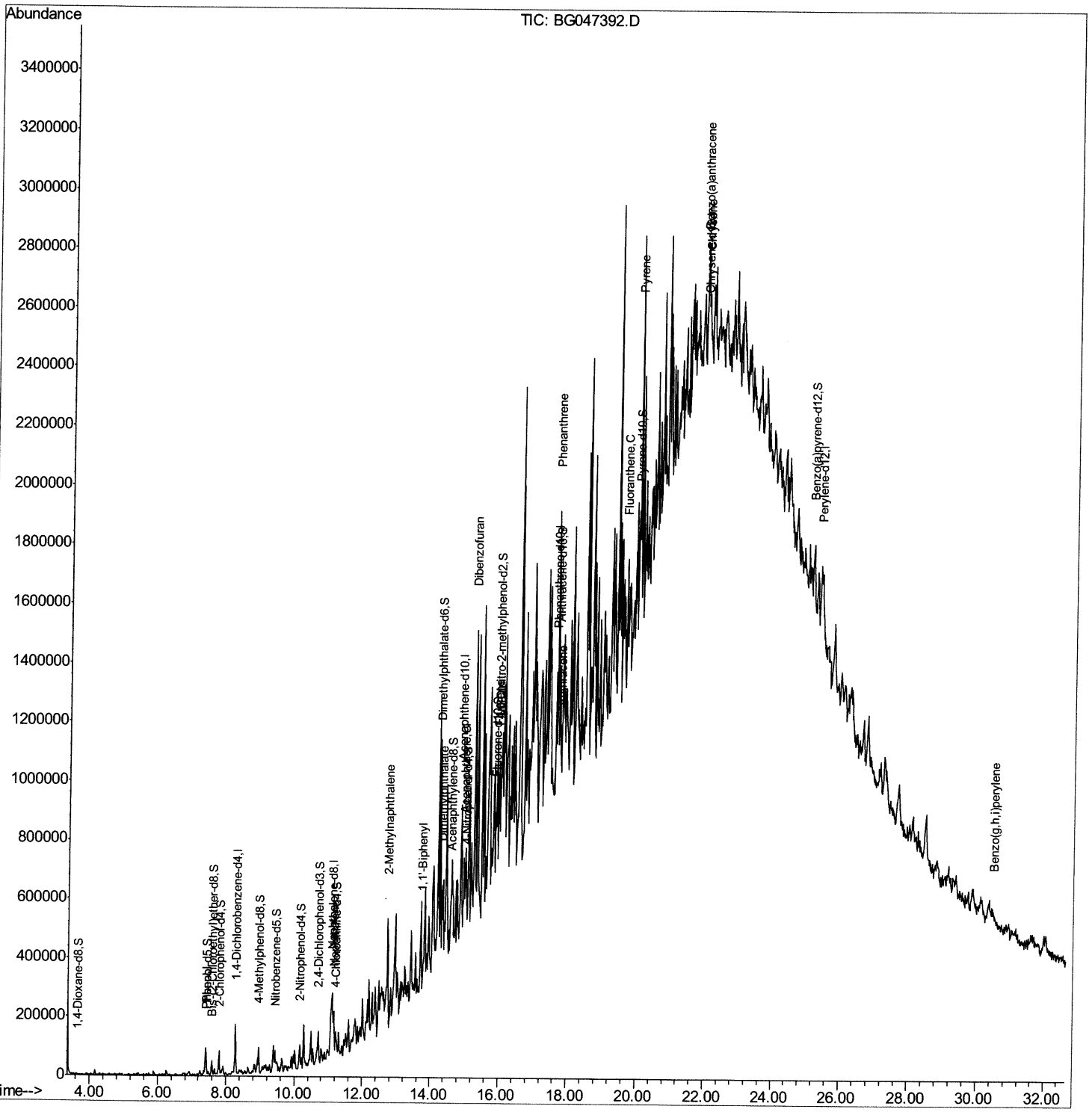
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG112120\
Data File : BG047392.D
Acq On : 21 Nov 2020 11:11
Operator : CG/JU
Sample : L4854-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 21 11:57:44 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Nov 21 11:53:19 2020
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
C0AD0

Manual Integrations APPROVED
mohammad
11/24/2020 9:00:12 AM



Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG112120\
Data File : BG047392.D
Acq On : 21 Nov 2020 11:11
Operator : CG/JU
Sample : L4854-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 21 11:54:36 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Nov 21 11:53:19 2020
Response via : Initial Calibration

Instrument :
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ClientSampleId :
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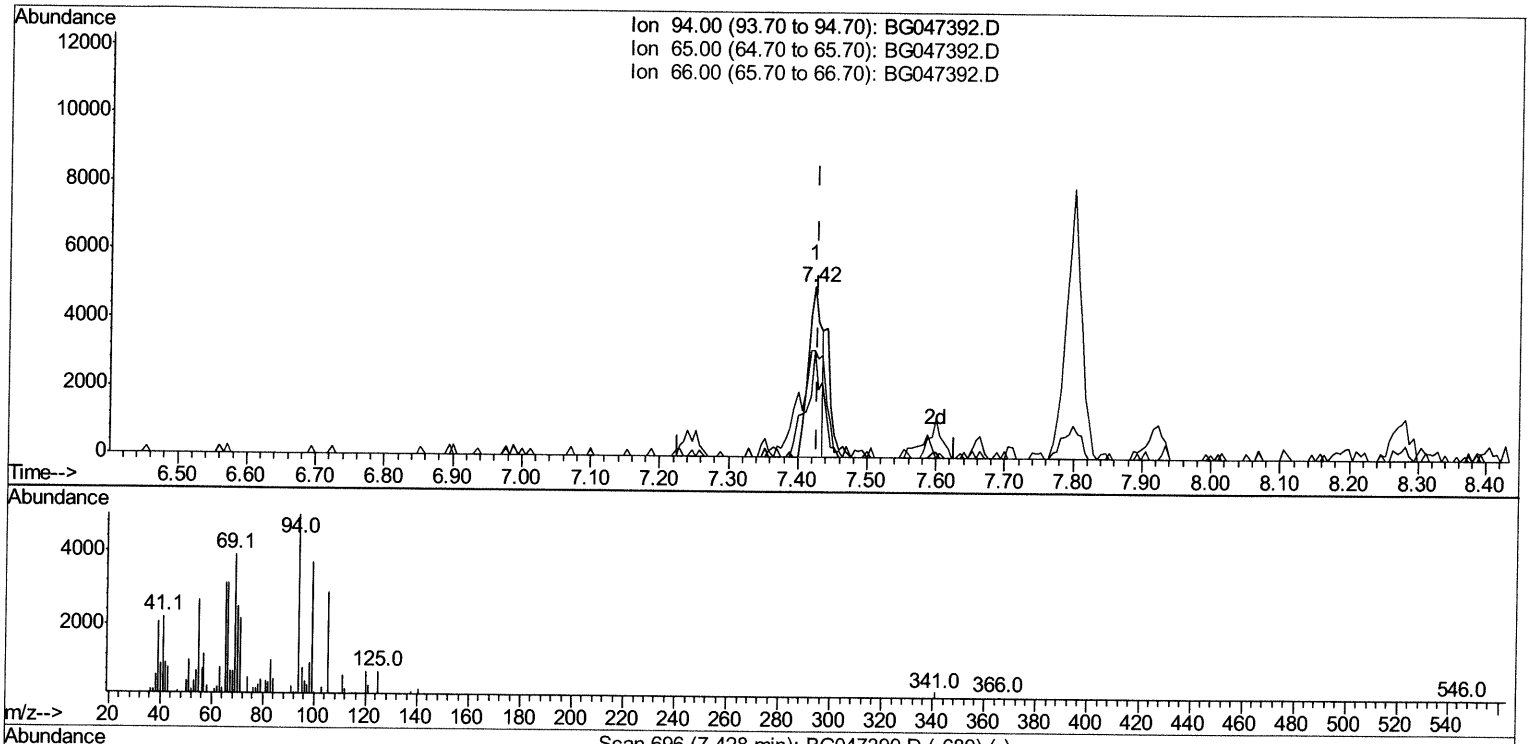
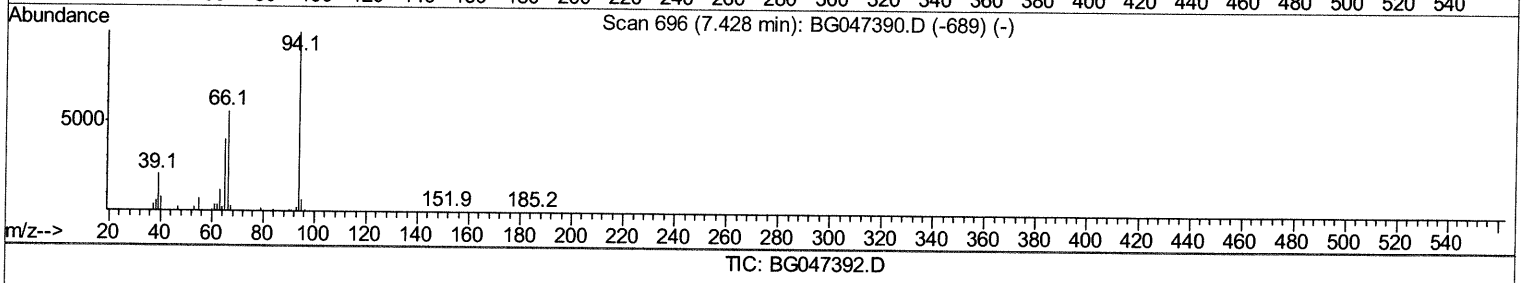
Manual Integrations APPROVED
mohammad
11/24/2020 9:00:12 AM





TIC: BG047392.D

(6) Phenol

7.423min (-0.004) 1.71ng/ul

response 6932

Ion	Exp%	Act%
94.00	100	100
65.00	39.00	62.95#
66.00	65.20	62.75
0.00	0.00	0.00

Quantitation Report (Qedit)

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Acq On : 21 Nov 2020 11:11
Operator : CG/JU
Sample : L4854-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 21 11:54:36 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
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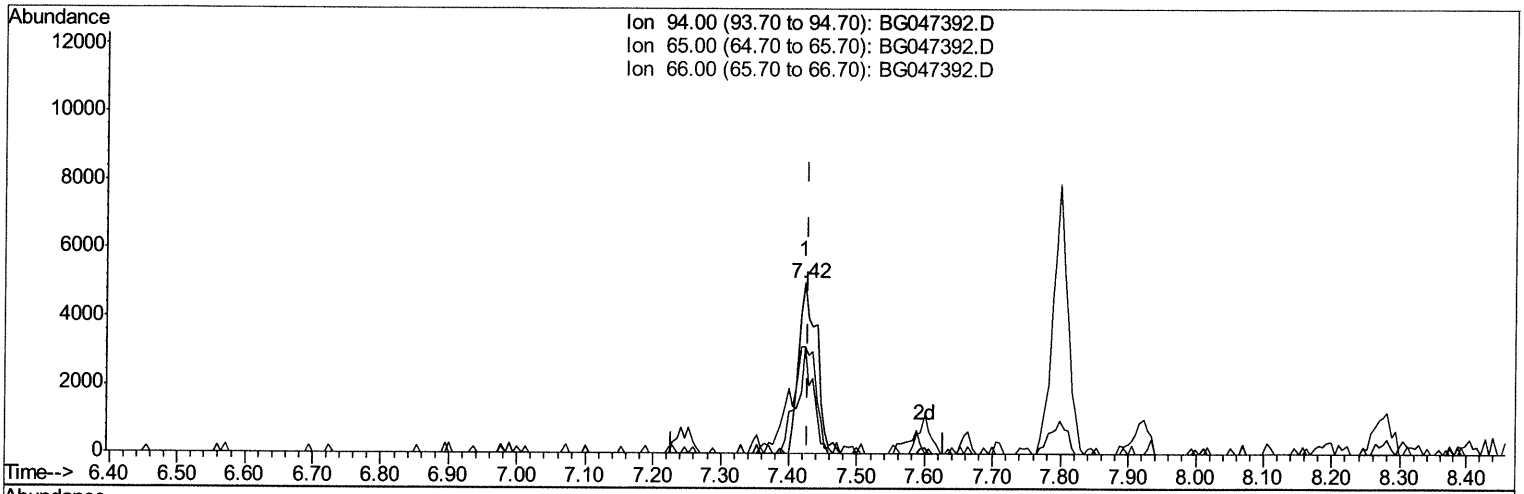
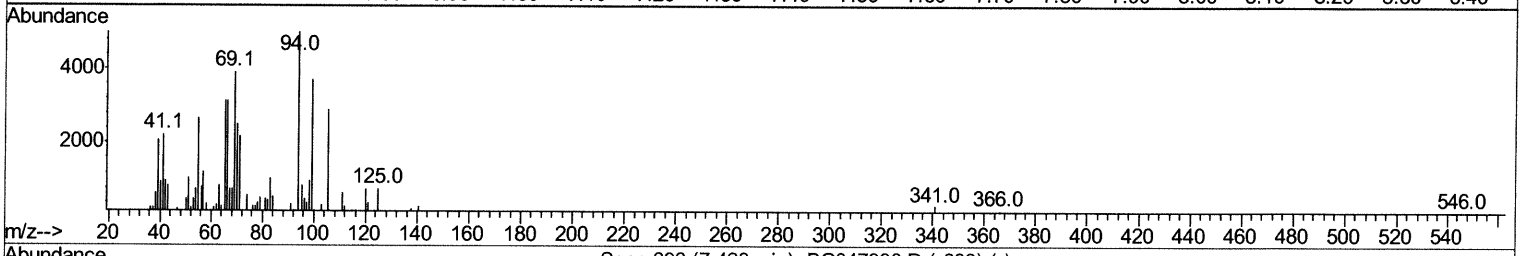
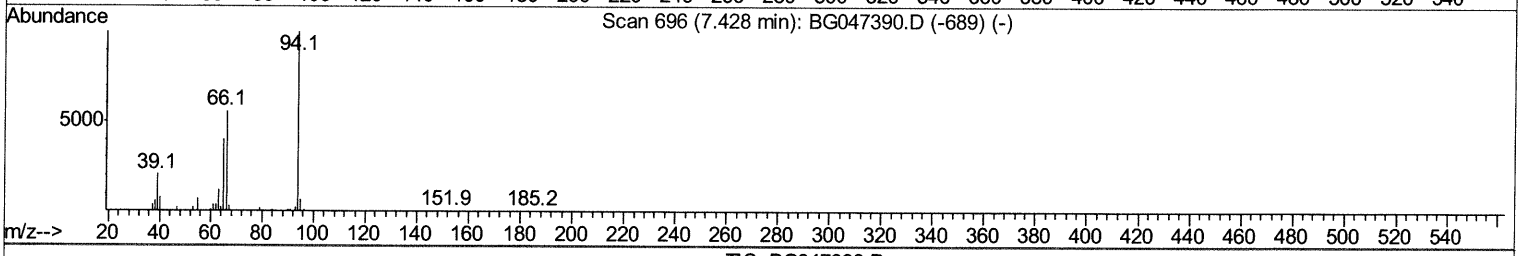
Instrument :
BNA_G
ClientSampleId :
C0AD0

Manual Integrations APPROVED
mohammad
11/24/2020 9:00:12 AM







TIC: BG047392.D

(6) Phenol

7.423min (-0.004) 2.24ng/ul m 11/30/20 JU

response 9090

Ion	Exp%	Act%
94.00	100	100
65.00	39.00	62.95#
66.00	65.20	62.75
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG112120\
Data File : BG047392.D
Acq On : 21 Nov 2020 11:11
Operator : CG/JU
Sample : L4854-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 21 11:54:36 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Nov 21 11:53:19 2020
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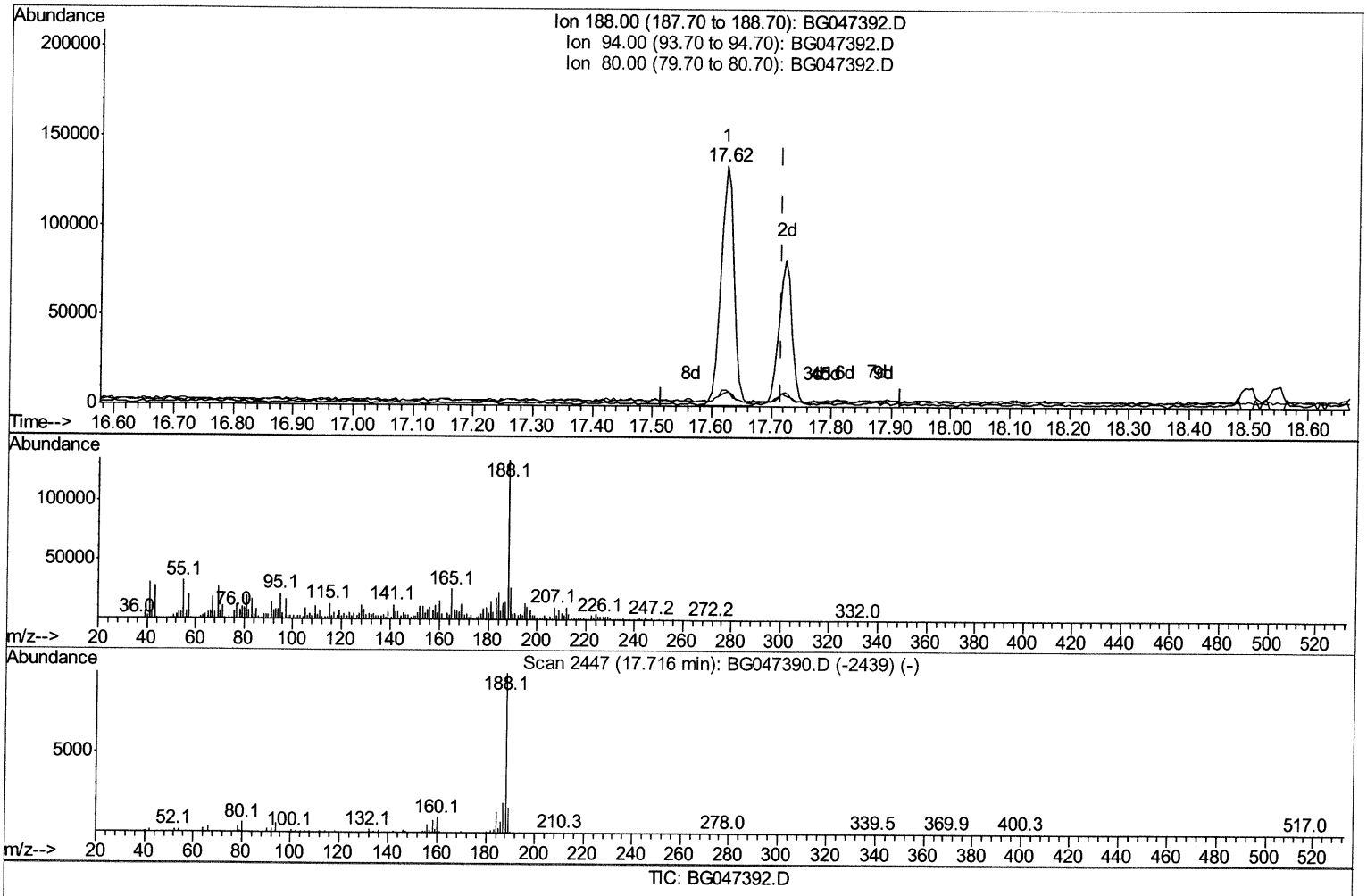
Instrument :
BNA_G
ClientSampleId :
C0AD0

Manual Integrations APPROVED
mohammad
11/24/2020 9:00:12 AM



TIC: BG047392.D

(71) Anthracene-d10 (S)

17.623min (-0.093) 20.16ng/ul

response 203985

Ion	Exp%	Act%
188.00	100	100
94.00	5.30	6.10
80.00	5.90	6.77
0.00	0.00	0.00

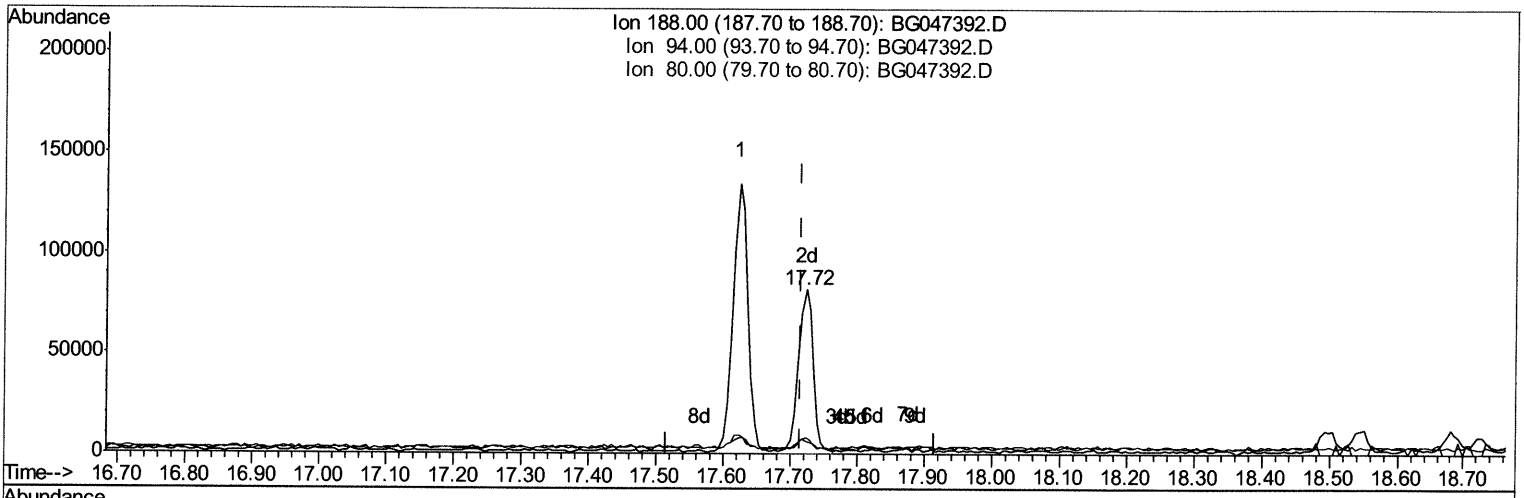
Quantitation Report (Qedit)

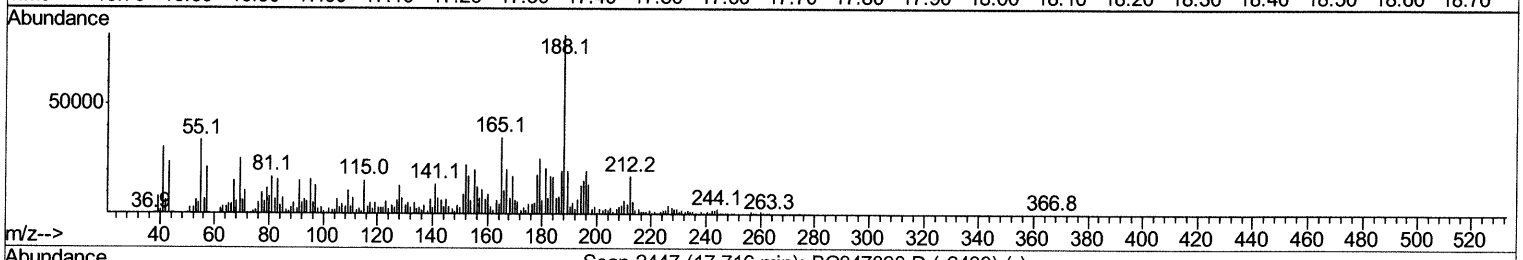
Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG112120\
Data File : BG047392.D
Acq On : 21 Nov 2020 11:11
Operator : CG/JU
Sample : L4854-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

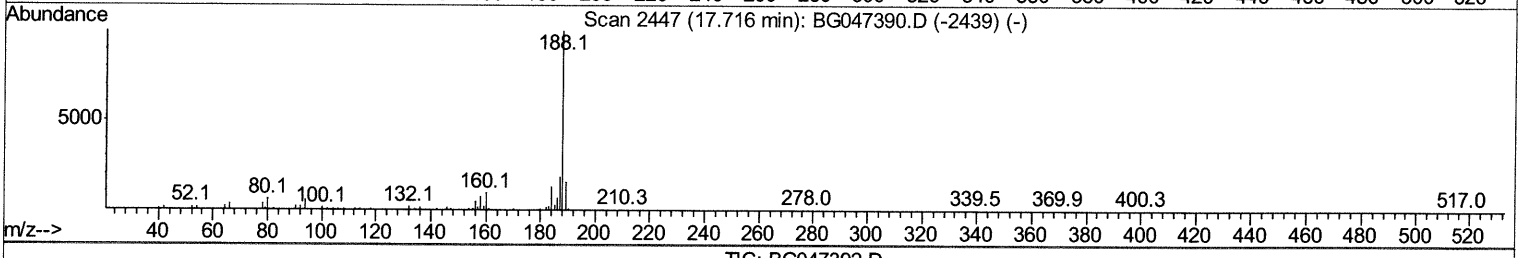
Quant Time: Nov 21 11:54:36 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Nov 21 11:53:19 2020
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
C0AD0

Manual Integrations APPROVED
mohammad
11/24/2020 9:00:12 AM







TIC: BG047392.D

(71) Anthracene-d10 (S)

17.723min (+0.007) 12.78ng/ul m 11/30/20 JU

response 129328

Ion	Exp%	Act%
188.00	100	100
94.00	5.30	7.27#
80.00	5.90	9.74#
0.00	0.00	0.00

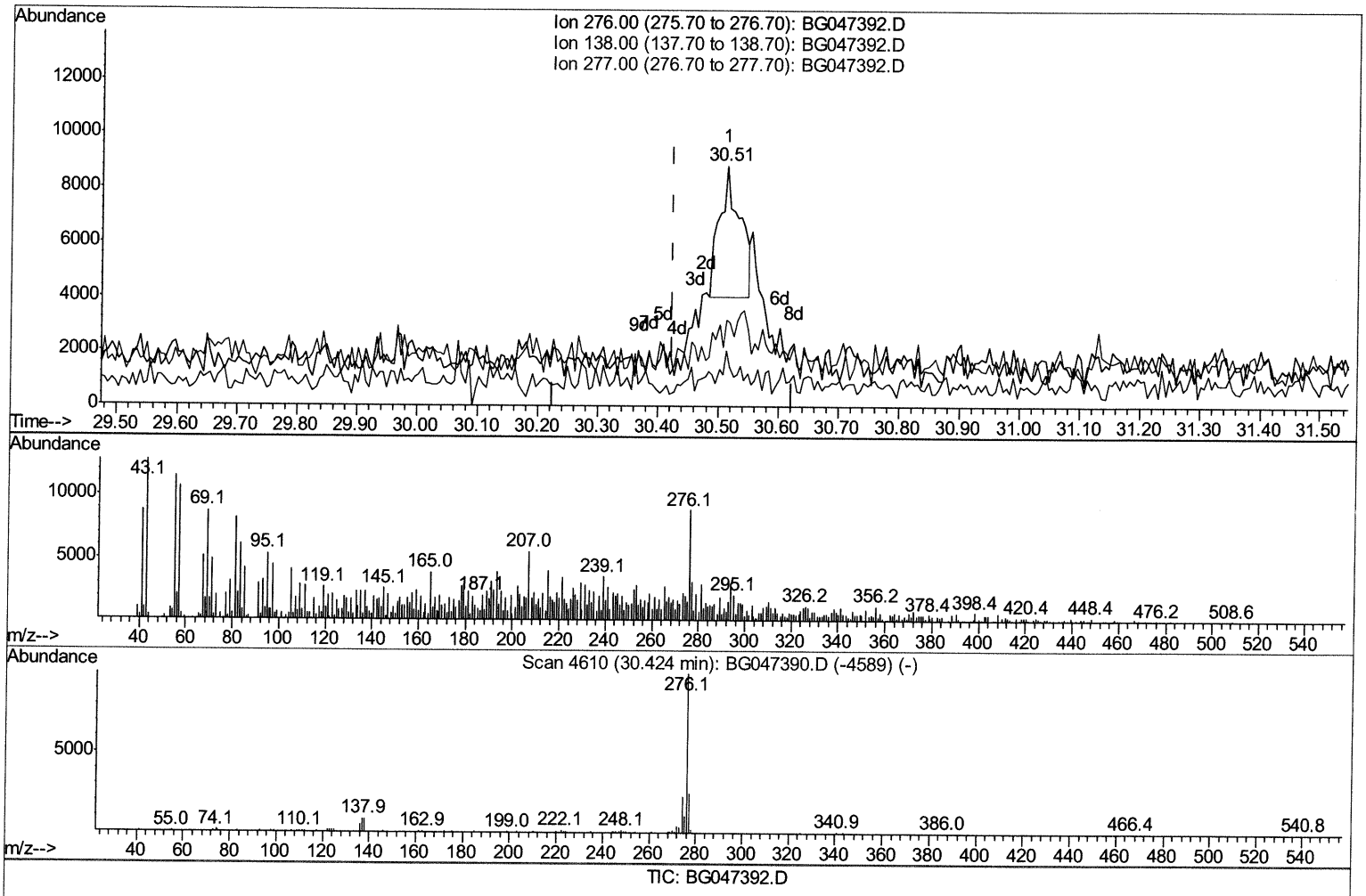
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG112120\
Data File : BG047392.D
Acq On : 21 Nov 2020 11:11
Operator : CG/JU
Sample : L4854-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 21 11:54:36 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Nov 21 11:53:19 2020
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
C0AD0

Manual Integrations APPROVED
mohammad
11/24/2020 9:00:12 AM



TIC: BG047392.D

(94) Benzo(g,h,i)perylene

30.514min (+0.090) 0.79ng/ul

response 11496

Ion	Exp%	Act%
276.00	100	100
138.00	10.20	23.16#
277.00	21.90	35.98#
0.00	0.00	0.00

Quantitation Report (Qedit)

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Data File : BG047392.D
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Operator : CG/JU
Sample : L4854-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 21 11:54:36 2020
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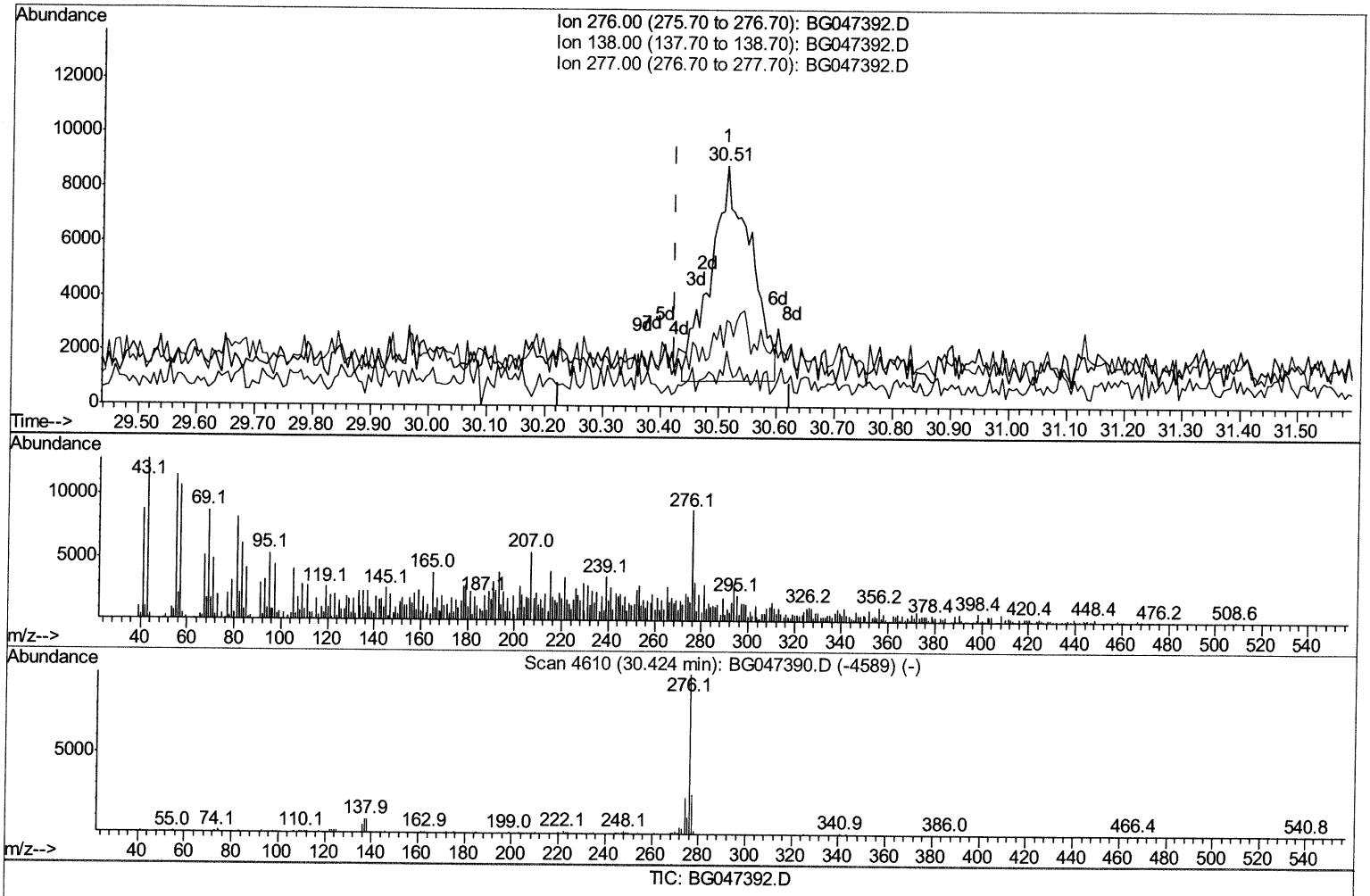
QLast Update : Sat Nov 21 11:53:19 2020
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
C0AD0

Manual Integrations APPROVED
mohammad
11/24/2020 9:00:12 AM



TIC: BG047392.D

(94) Benzo(g,h,i)perylene

30.514min (+0.090) 2.64ng/ul m 11/30/20 JU

response 38328

Ion	Exp%	Act%
276.00	100	100
138.00	10.20	12.88#
277.00	21.90	35.98#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Data File : BG047392.D
Acq On : 21 Nov 2020 11:11
Operator : CG/JU
Sample : L4854-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

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ClientSampleId :
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Manual Integrations APPROVED
mohammad
11/24/2020 9:00:12 AM

Quant Time: Nov 21 11:57:44 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Nov 21 11:53:19 2020
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.28	152	42294	20.00	ng/ul	0.00
18) Naphthalene-d8	11.10	136	147912	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.89	164	96063	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.62	188	203985	20.00	ng/ul	0.00
78) Chrysene-d12	21.92	240	215844	20.00	ng/ul	0.02
86) Perylene-d12	25.36	264	230175	20.00	ng/ul	0.07
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.62	96	1301	1.12	ng/uL	0.00
5) Phenol-d5	7.40	99	37825	8.92	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.59	67	22541	9.32	ng/ul	0.00
9) 2-Chlorophenol-d4	7.79	132	27372	9.62	ng/ul	0.00
13) 4-Methylphenol-d8	8.96	113	27094	8.31	ng/ul	0.00
19) Nitrobenzene-d5	9.44	128	12802	10.48	ng/ul	0.00
22) 2-Nitrophenol-d4	10.17	143	14815	11.11	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.71	165	32492	10.65	ng/ul	0.00
29) 4-Chloroaniline-d4	11.21	131	42070	13.63	ng/ul	0.00
44) Dimethylphthalate-d6	14.28	166	86223	10.46	ng/ul	0.00
47) Acenaphthylene-d8	14.59	160	107132	11.24	ng/ul	0.00
52) 4-Nitrophenol-d4	15.04	143	14815	11.77	ng/ul	0.00
58) Fluorene-d10	15.87	176	82406	10.91	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.98	200	15483	13.33	ng/ul	0.01
71) Anthracene-d10	17.72	188	129328m >	12.78	ng/ul >	0.00 11/30/20 JU
79) Pyrene-d10	19.99	212	137069	10.91	ng/ul	0.01
90) Benzo(a)pyrene-d12	25.12	264	146048	11.02	ng/ul	0.06
Target Compounds						Qvalue
6) Phenol	7.42	94	9090m >	2.237	ng/ul >	11/30/20 JU
28) Naphthalene	11.15	128	57216	6.830	ng/ul#	90
34) 2-Methylnaphthalene	12.74	142	158625	25.551	ng/ul	97
41) 1,1'-Biphenyl	13.73	154	42328	5.681	ng/ul	92
45) Dimethylphthalate	14.33	163	32922	3.914	ng/ul#	77
50) Acenaphthene	14.96	153	41879	6.740	ng/ul#	67
54) Dibenzofuran	15.28	168	43594	4.777	ng/ul#	37
59) Fluorene	15.93	166	49061	6.381	ng/ul#	96
70) Phenanthrene	17.67	178	557151	50.578	ng/ul#	95
72) Anthracene	17.76	178	52768	4.757	ng/ul#	77
77) Fluoranthene	19.66	202	103732	7.456	ng/ul#	93
80) Pyrene	20.02	202	629523	41.174	ng/ul#	96
83) Benzo(a)anthracene	21.90	228	81428	5.302	ng/ul#	32
85) Chrysene	21.97	228	100631	6.886	ng/ul#	59
94) Benzo(g,h,i)perylene	30.51	276	38328m >	2.636	ng/ul >	11/30/20 JU

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