

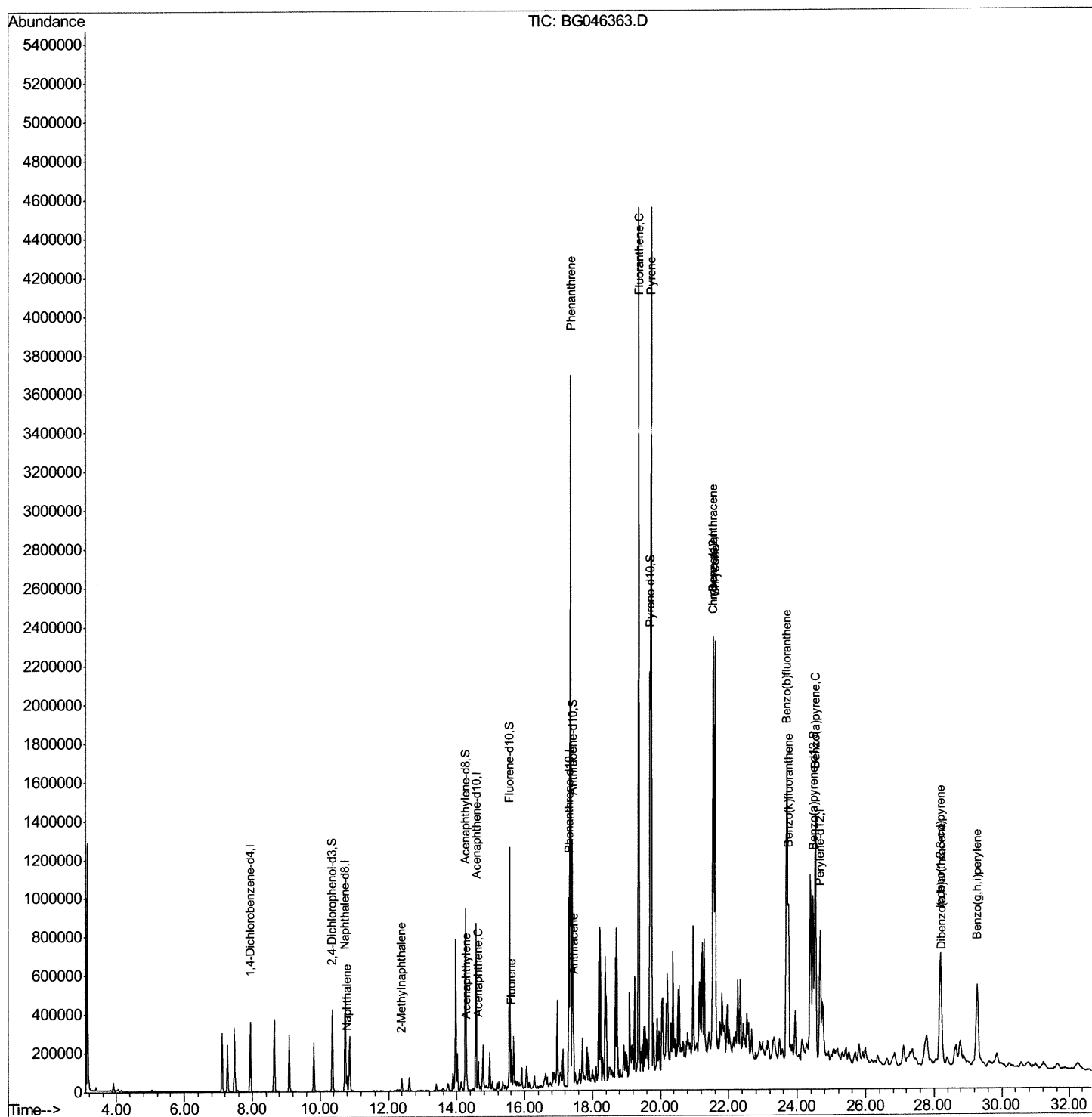
Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG081920\
Data File : BG046363.D
Acq On : 20 Aug 2020 3:28
Operator : CG/JU
Sample : L3633-07
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BFMA5

Manual Integrations
APPROVED

mohammad
8/20/2020 12:23:25 PM

Quant Time: Aug 20 10:55:16 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 20 04:05:44 2020
Response via : Initial Calibration



Quantitation Report (Qedit)

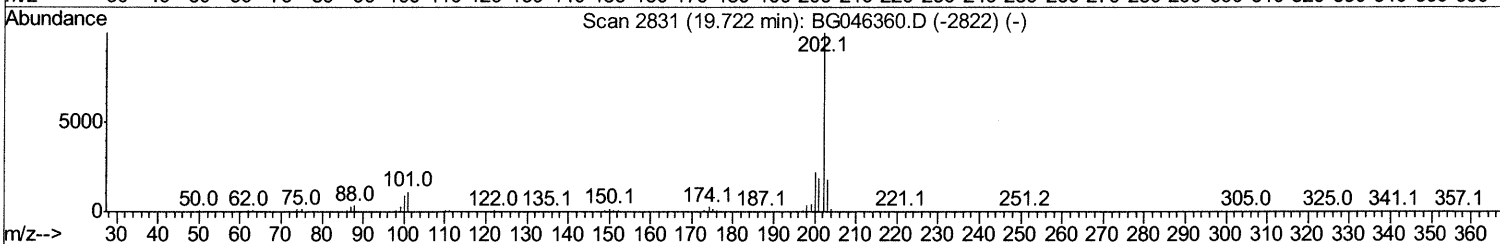
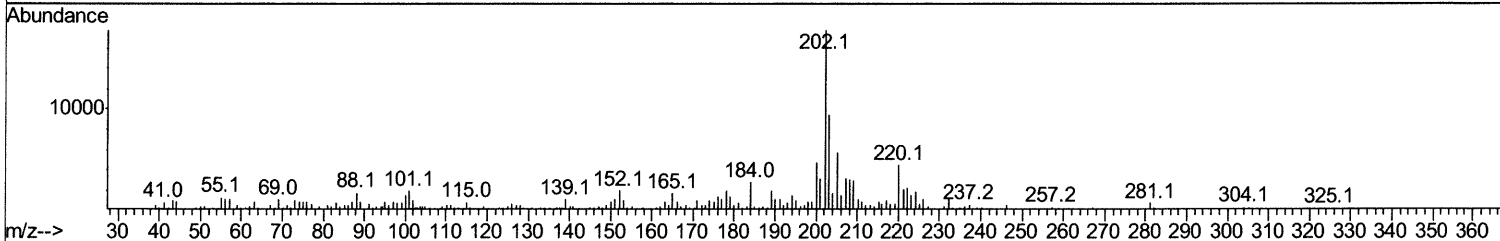
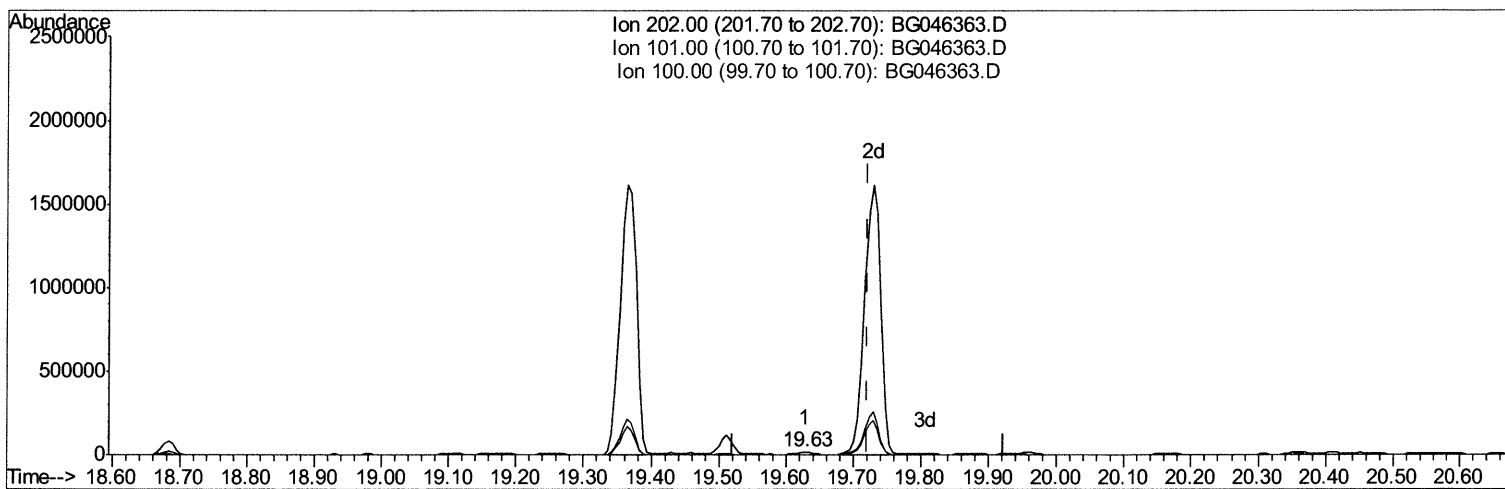
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046363.D
Acq On : 20 Aug 2020 3:28
Operator : CG/JU
Sample : L3633-07
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BFMA5

Manual Integrations
APPROVED

mohammad
8/20/2020 12:23:25 PM

Quant Time: Aug 20 04:07:40 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 20 04:05:44 2020
Response via : Initial Calibration



TIC: BG046363.D

(20) Pyrene

19.629min (-0.093) 0.60ng/ul

response 25502

Ion	Exp%	Act%
202.00	100	100
101.00	11.10	10.98
100.00	9.90	8.01
0.00	0.00	0.00

Quantitation Report (Qedit)

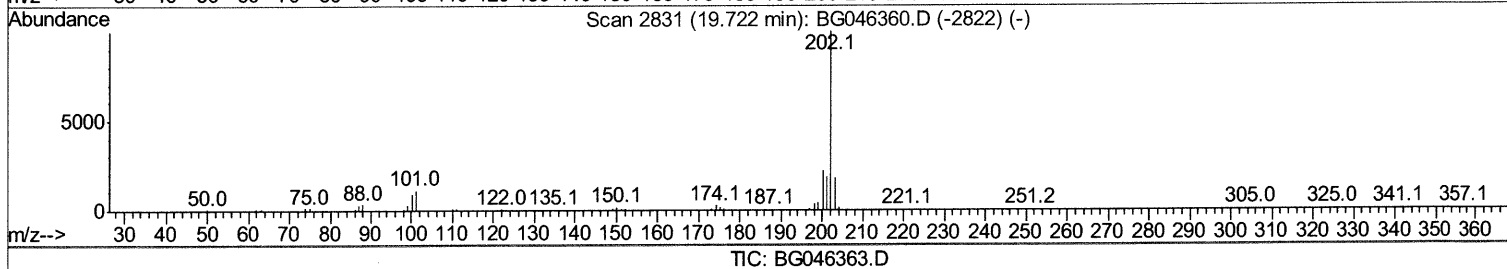
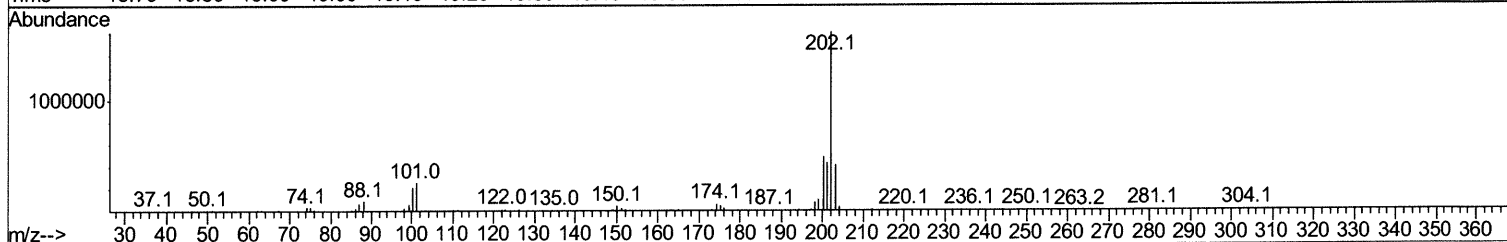
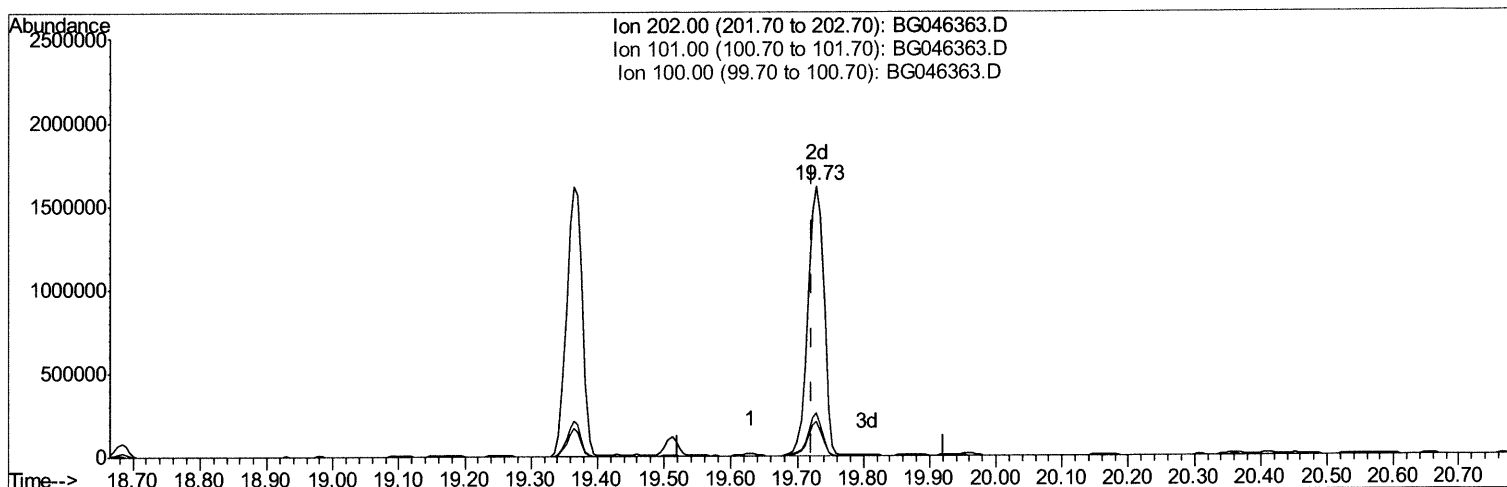
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046363.D
Acq On : 20 Aug 2020 3:28
Operator : CG/JU
Sample : L3633-07
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BFMA5

Manual Integrations
APPROVED

mohammad
8/20/2020 12:23:25 PM

Quant Time: Aug 20 04:07:40 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 20 04:05:44 2020
Response via : Initial Calibration



(20) Pyrene

19.729min (+0.007) 63.54ng/ul m

response 2694710

Ion	Exp%	Act%
202.00	100	100
101.00	11.10	15.71#
100.00	9.90	12.80#
0.00	0.00	0.00

Quantitation Report (Qedit)

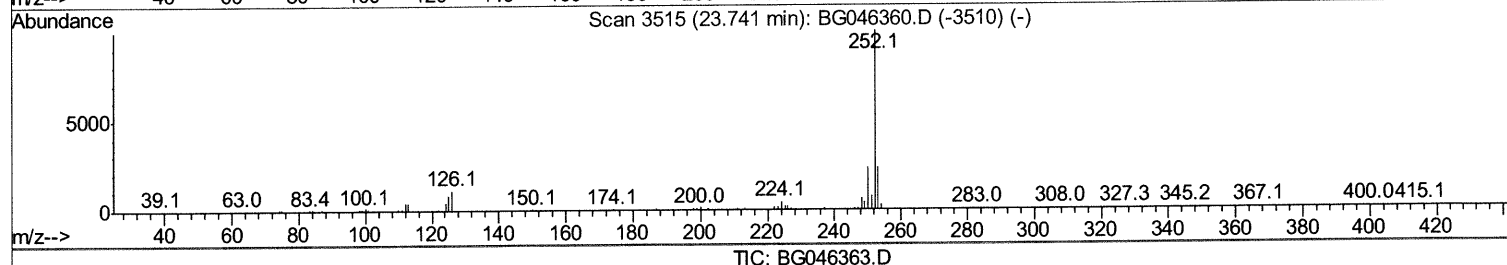
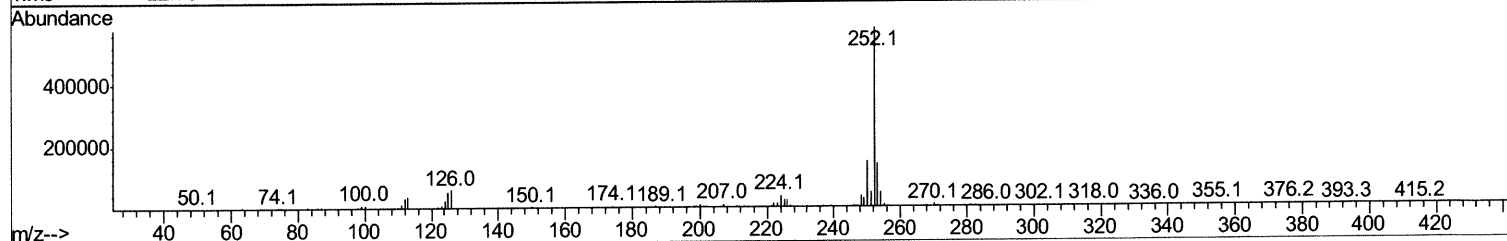
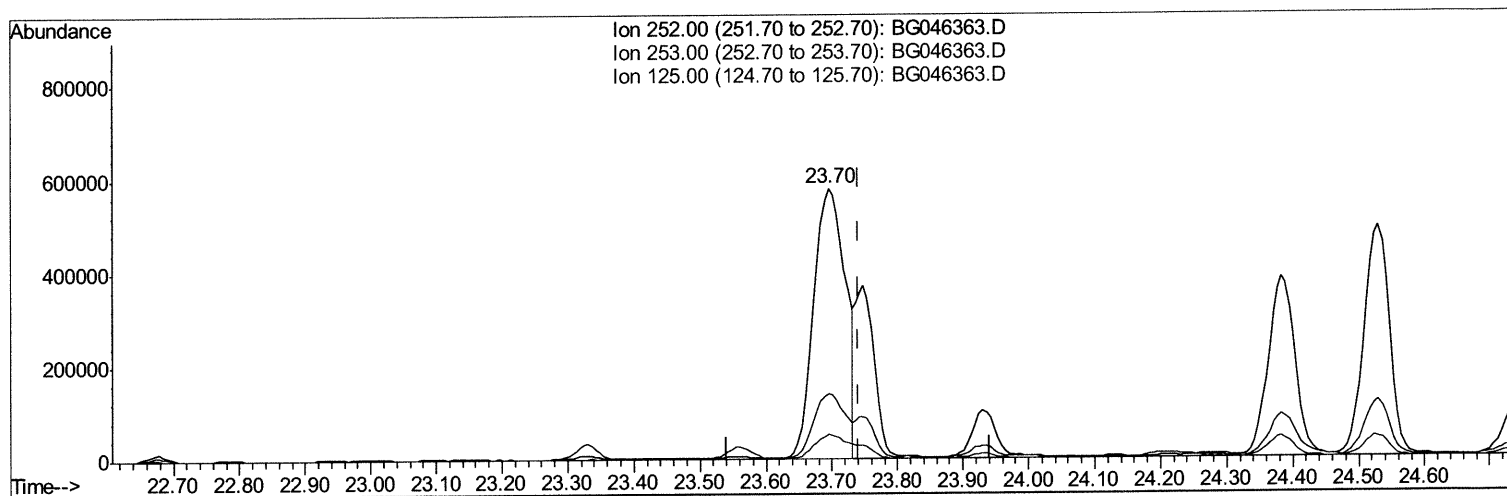
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046363.D
Acq On : 20 Aug 2020 3:28
Operator : CG/JU
Sample : L3633-07
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BFMA5

Manual Integrations
APPROVED

mohammad
8/20/2020 12:23:25 PM

Quant Time: Aug 20 04:43:04 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 20 04:05:44 2020
Response via : Initial Calibration



TIC: BG046363.D

(25) Benzo(k)fluoranthene

23.695min (-0.046) 41.73ng/ul

response 1929570

Ion	Exp%	Act%
252.00	100	100
253.00	23.10	24.27
125.00	7.70	9.08
0.00	0.00	0.00

Quantitation Report (Qedit)

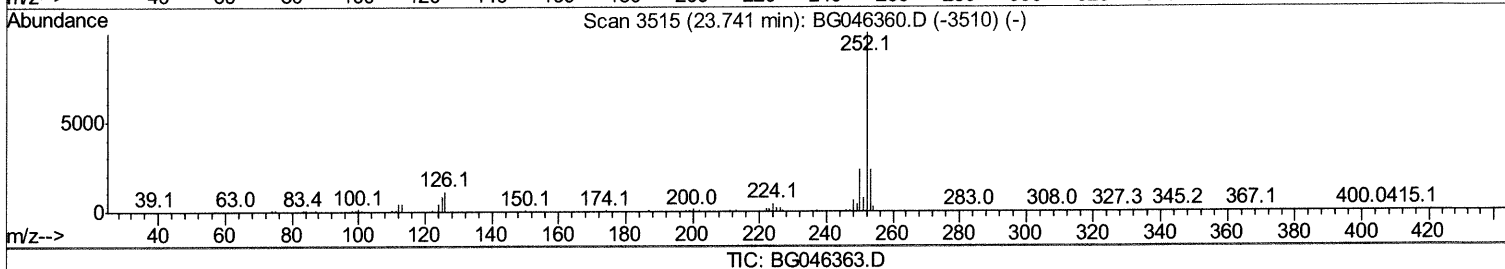
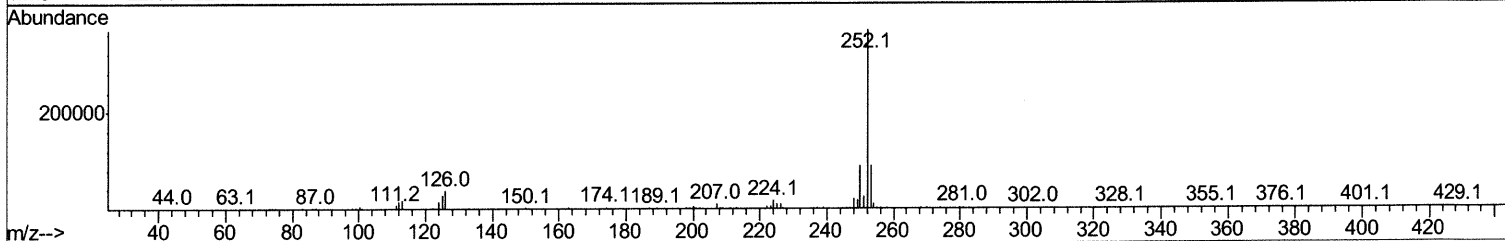
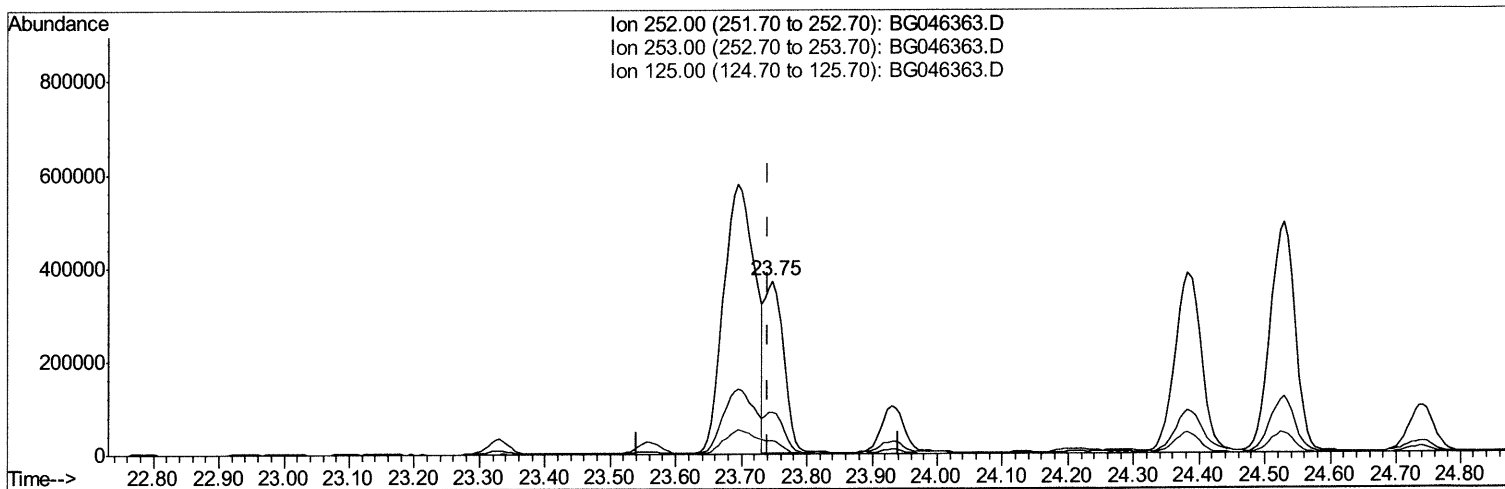
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046363.D
Acq On : 20 Aug 2020 3:28
Operator : CG/JU
Sample : L3633-07
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BFMA5

Manual Integrations
APPROVED

mohammad
8/20/2020 12:23:25 PM

Quant Time: Aug 20 04:43:04 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 20 04:05:44 2020
Response via : Initial Calibration



TIC: BG046363.D

(25) Benzo(k)fluoranthene

23.748min (+0.007) 16.00ng/ui m

response 739921

Ion	Exp%	Act%
252.00	100	100
253.00	23.10	24.31
125.00	7.70	7.70
0.00	0.00	0.00

JU 8/24/20

Quantitation Report (Qedit)

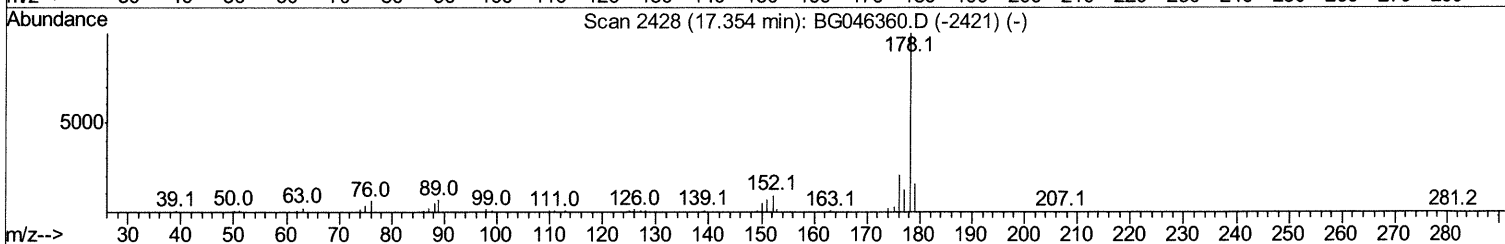
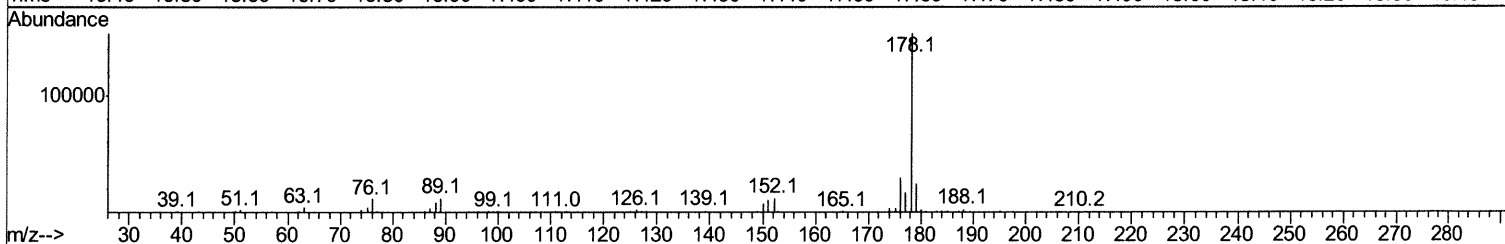
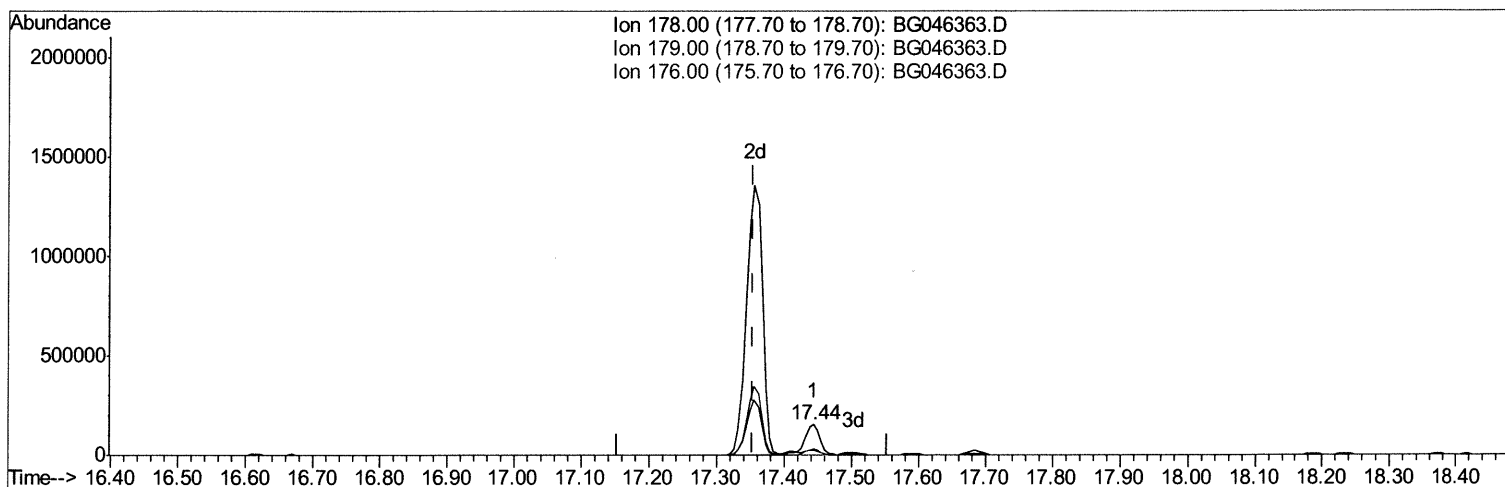
Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG081920\
Data File : BG046363.D
Acq On : 20 Aug 2020 3:28
Operator : CG/JU
Sample : L3633-07
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BFMA5

Manual Integrations
APPROVED

mohammad
8/20/2020 12:23:25 PM

Quant Time: Aug 20 04:45:17 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 20 04:05:44 2020
Response via : Initial Calibration



TIC: BG046363.D

(14) Phenanthrene

17.444min (+0.090) 6.74ng/ul

response 242470

Ion	Exp%	Act%
178.00	100	100
179.00	16.00	16.02
176.00	19.80	19.44
0.00	0.00	0.00

Quantitation Report (Qedit)

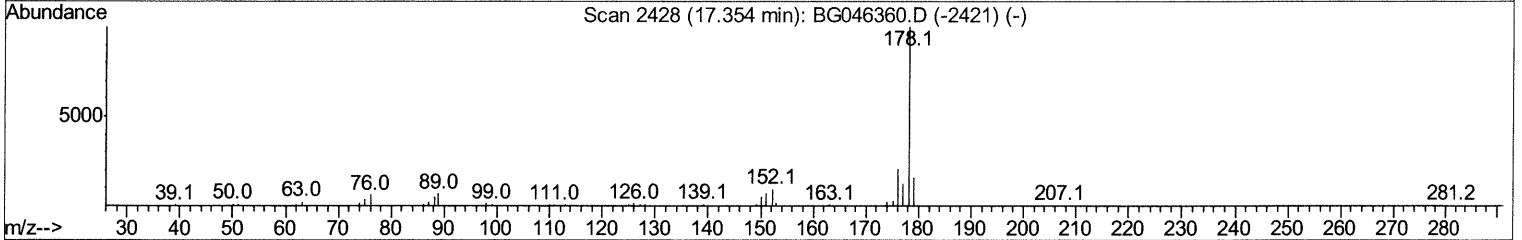
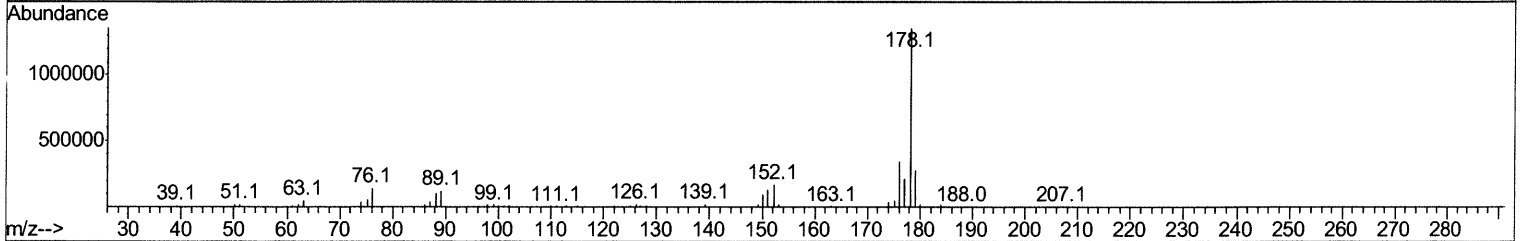
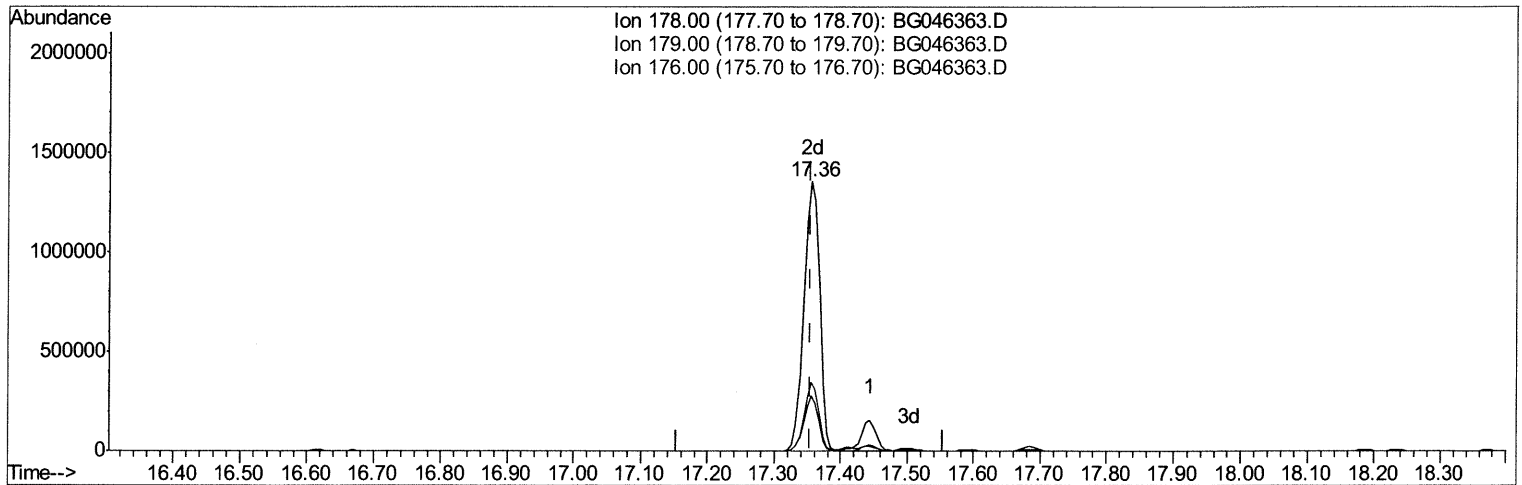
Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG081920\
 Data File : BG046363.D
 Acq On : 20 Aug 2020 3:28
 Operator : CG/JU
 Sample : L3633-07
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
ClientSampleId :
 BFMA5

Manual Integrations
APPROVED

mohammad
 8/20/2020 12:23:25 PM

Quant Time: Aug 20 04:45:17 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Aug 20 04:05:44 2020
 Response via : Initial Calibration



TIC: BG046363.D

(14) Phenanthrene

17.355min (+0.001) 62.37ng/ul m

response 2242850

Ion	Exp%	Act%
178.00	100	100
179.00	16.00	20.41#
176.00	19.80	25.33#
0.00	0.00	0.00

Quantitation Report (Qedit)

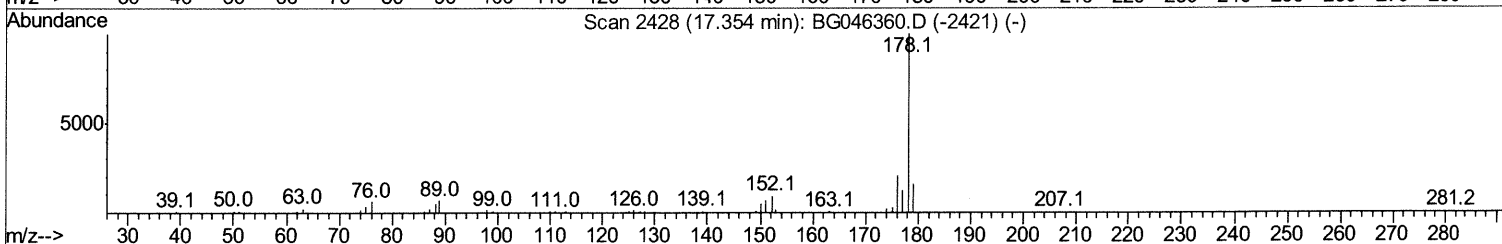
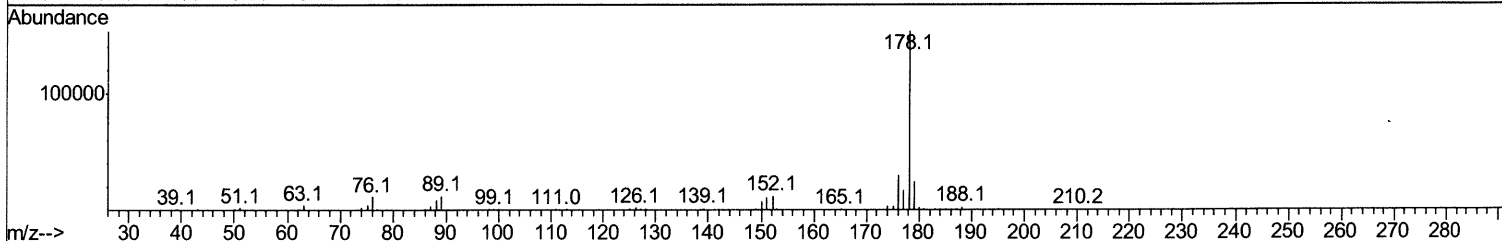
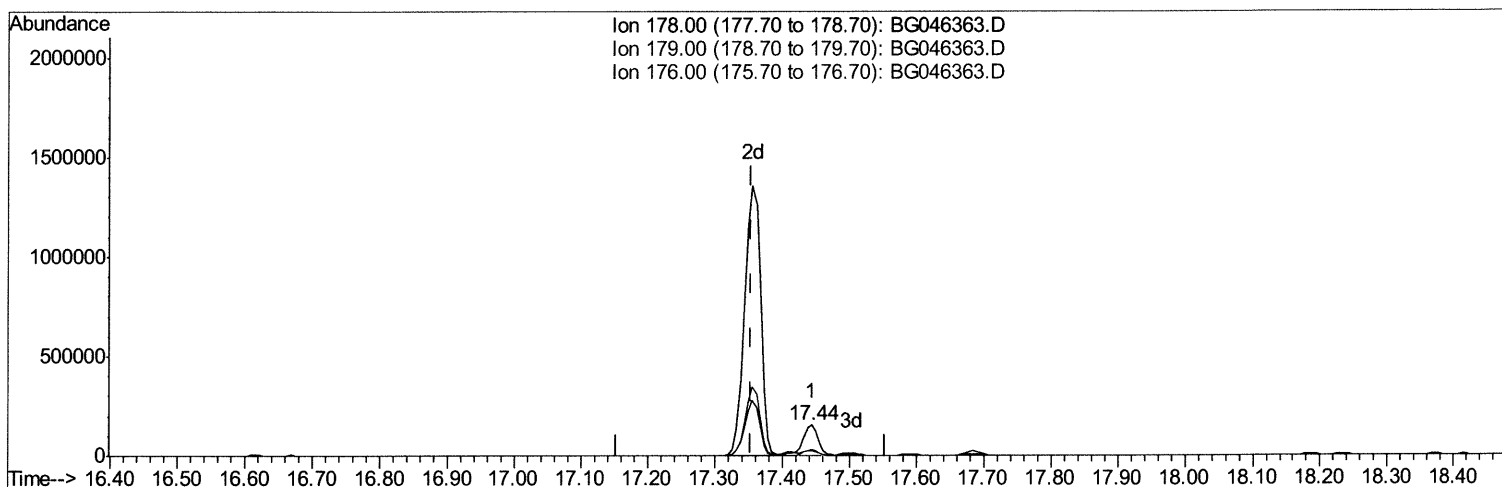
Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG081920\
Data File : BG046363.D
Acq On : 20 Aug 2020 3:28
Operator : CG/JU
Sample : L3633-07
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BFMA5

Manual Integrations
APPROVED

mohammad
8/20/2020 12:23:25 PM

Quant Time: Aug 20 04:45:17 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 20 04:05:44 2020
Response via : Initial Calibration



TIC: BG046363.D

(14) Phenanthrene

17.444min (+0.090) 6.74ng/ul

response 242470

Ion	Exp%	Act%
178.00	100	100
179.00	16.00	16.02
176.00	19.80	19.44
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG081920\
 Data File : BG046363.D
 Acq On : 20 Aug 2020 3:28
 Operator : CG/JU
 Sample : L3633-07
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BFMA5

Manual Integrations
 APPROVED

mohammad
 8/20/2020 12:23:25 PM

Quant Time: Aug 20 10:55:16 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Aug 20 04:05:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.94	152	111170	20.00	ng/ul	0.00
2) Naphthalene-d8	10.73	136	454551	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.56	164	298575	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.31	188	653678	20.00	ng/ul	0.00
18) Chrysene-d12	21.56	240	646115	20.00	ng/ul	0.00
23) Perylene-d12	24.67	264	704817	20.00	ng/ul	0.01

System Monitoring Compounds

3) 2,4-Dichlorophenol-d3	10.36	165	186253	23.80	ng/ul	0.00
7) Acenaphthylene-d8	14.26	160	676132	24.61	ng/ul	0.00
10) Fluorene-d10	15.56	176	510646	24.25	ng/ul	0.00
15) Anthracene-d10	17.41	188	714007	23.56	ng/ul	0.00
19) Perylene-d10	19.69	212	832551	25.03	ng/ul	0.00
26) Benzo(a)pyrene-d12	24.46	264	949022	24.67	ng/ul	0.01

Target Compounds

					Qvalue	
4) Naphthalene	10.79	128	71327	3.017	ng/ul	99
5) 2-Methylnaphthalene	12.39	142	34922	1.938	ng/ul	99
8) Acenaphthylene	14.29	152	77607	2.778	ng/ul	98
9) Acenaphthene	14.63	153	65476	3.282	ng/ul	99
11) Fluorene	15.61	166	84546	3.625	ng/ul	98
14) Phenanthrene	17.36	178	2242850m>	62.369	ng/ul	> 99
16) Anthracene	17.44	178	243069	6.699	ng/ul	99
17) Fluoranthene	19.36	202	2690564	67.099	ng/ul#	91
20) Pyrene	19.73	202	2694710m>	63.537	ng/ul	> 99
21) Benzo(a)anthracene	21.54	228	1114241	26.505	ng/ul	92
22) Chrysene	21.60	228	1528376	37.609	ng/ul	95
24) Benzo(b)fluoranthene	23.70	252	1929570	41.400	ng/ul	96
25) Benzo(k)fluoranthene	23.75	252	739921m>	16.004	ng/ul	> 96
27) Benzo(a)pyrene	24.53	252	1290284	30.154	ng/ul	96
28) Indeno(1,2,3-cd)pyrene	28.19	276	1015308	18.950	ng/ul	99
29) Dibenzo(a,h)anthracene	28.23	278	221325	5.095	ng/ul	97
30) Benzo(a,h,i)perylene	29.28	276	841769	18.773	ng/ul	99

74 8/24/20
 76 8/24/20
 76 8/24/20

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