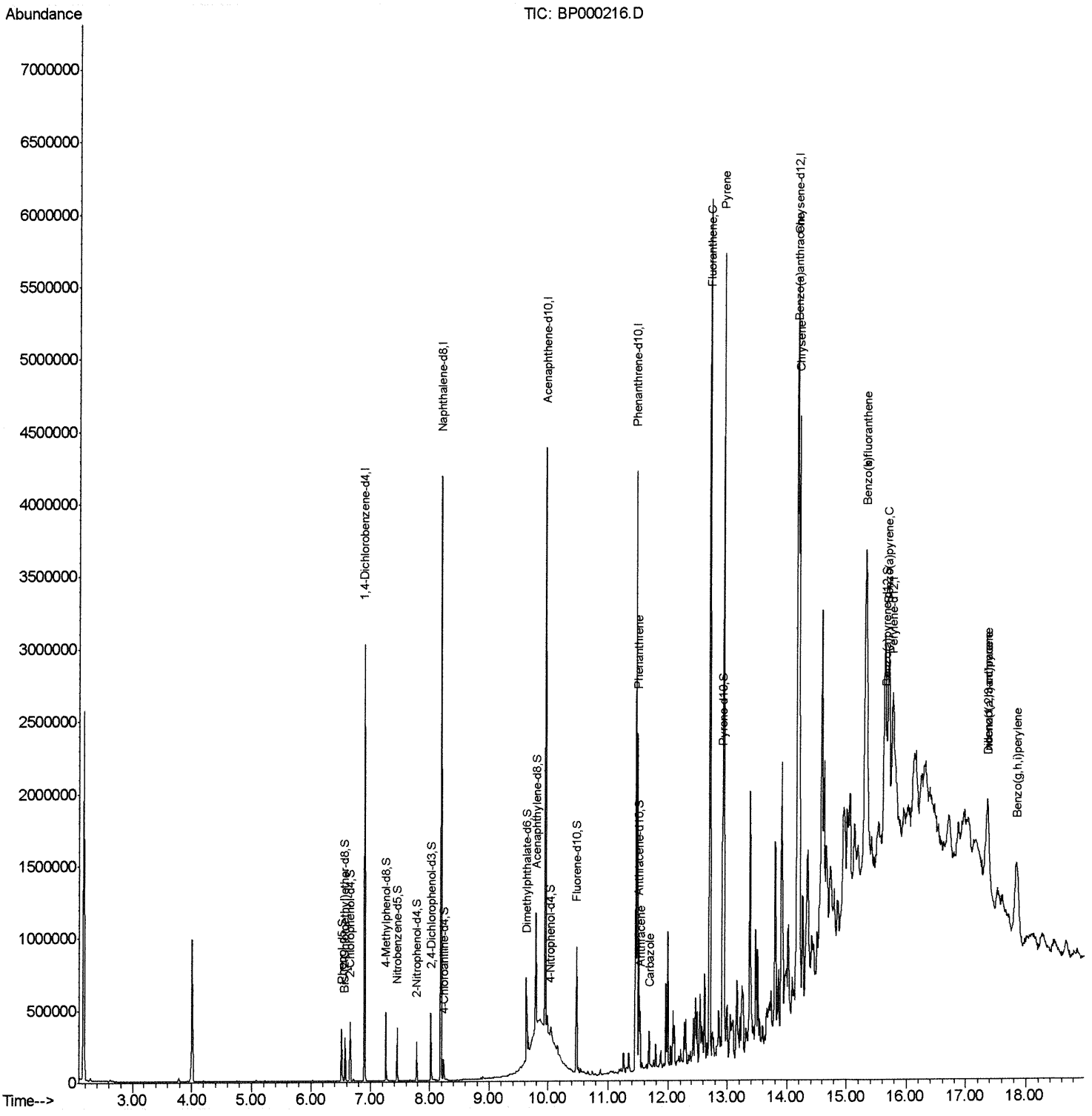
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091219\
Data File : BP000216.D
Acq On : 12 Sep 2019 14:27
Operator : HP/JU
Sample : K4634-19DL 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Sep 13 04:43:09 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP090519MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 10 02:43:18 2019
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
F2D37DL

Manual Integrations APPROVED
mohammad
9/16/2019 9:09:08 AM



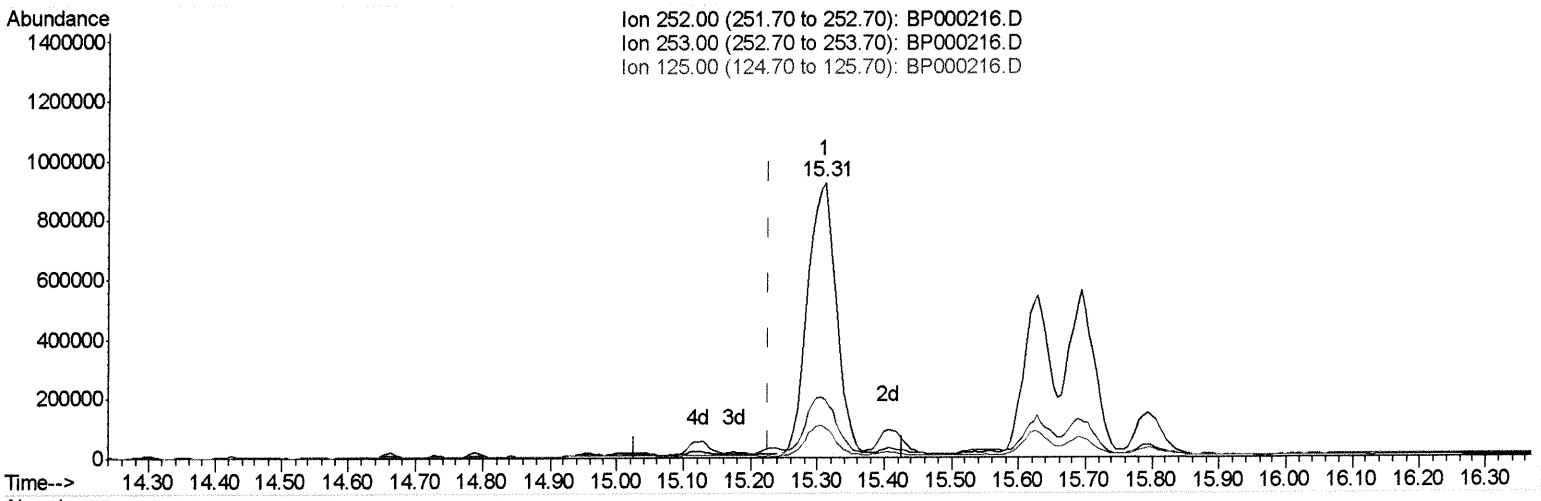
Quantitation Report (Qedit)

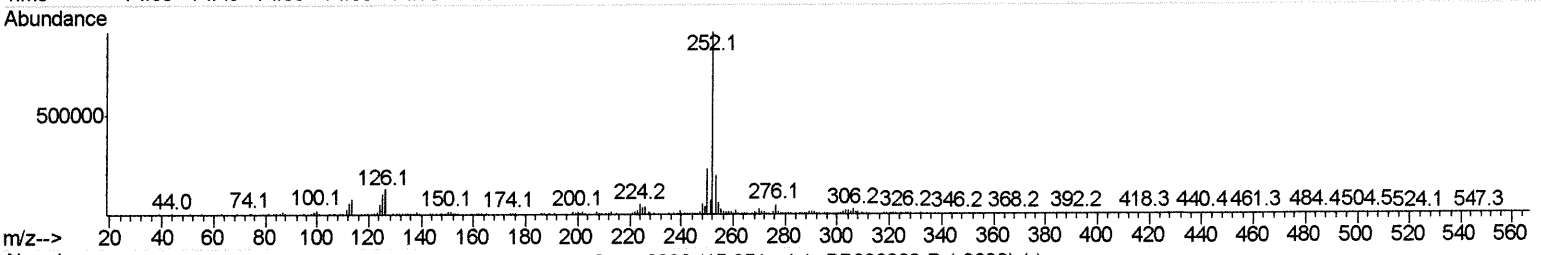
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091219\
Data File : BP000216.D
Acq On : 12 Sep 2019 14:27
Operator : HP/JU
Sample : K4634-19DL 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

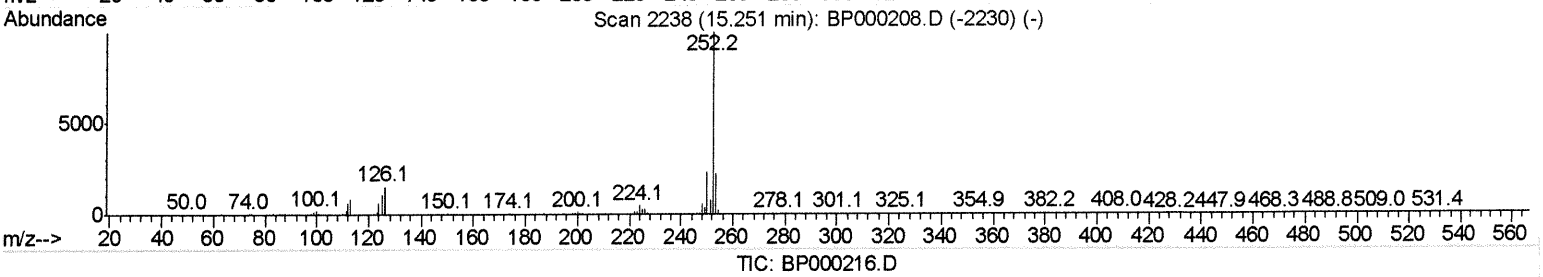
Quant Time: Sep 13 01:48:13 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP090519MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 10 02:43:18 2019
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
F2D37DL

Manual Integrations APPROVED
mohammad
9/16/2019 9:09:08 AM







TIC: BP000216.D

(88) Benzo(b)fluoranthene

15.310min (+0.083) 34.58ng/ul

response 2723090

Ion	Exp%	Act%
252.00	100	100
253.00	21.90	21.25
125.00	12.40	10.87
0.00	0.00	0.00

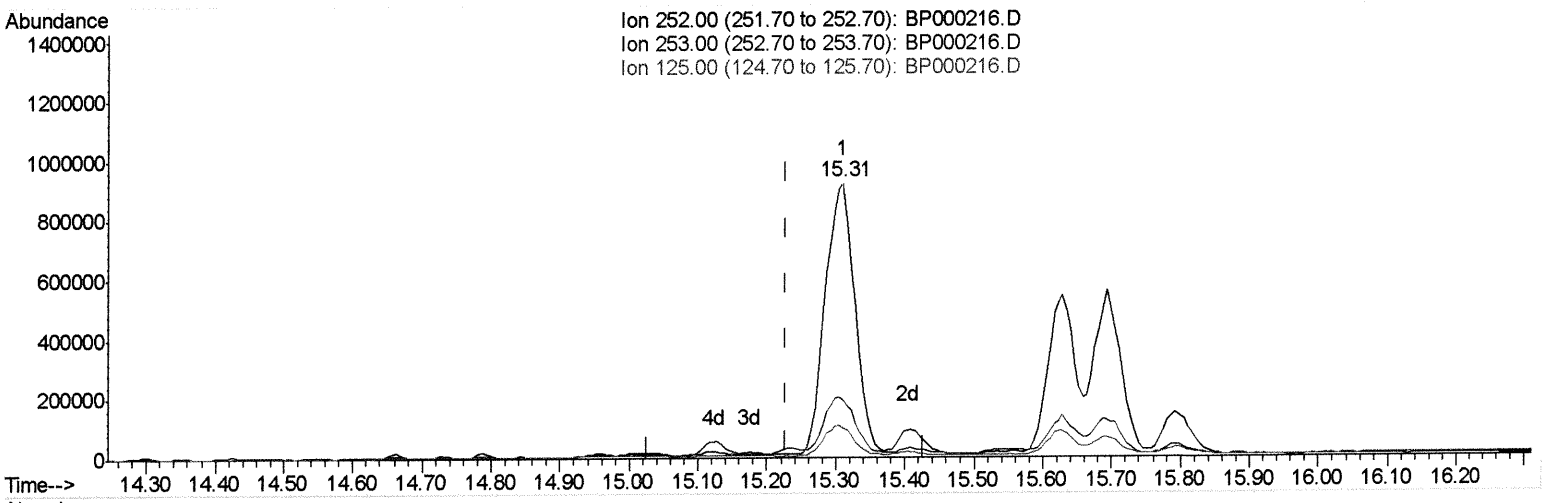
Quantitation Report (Qedit)

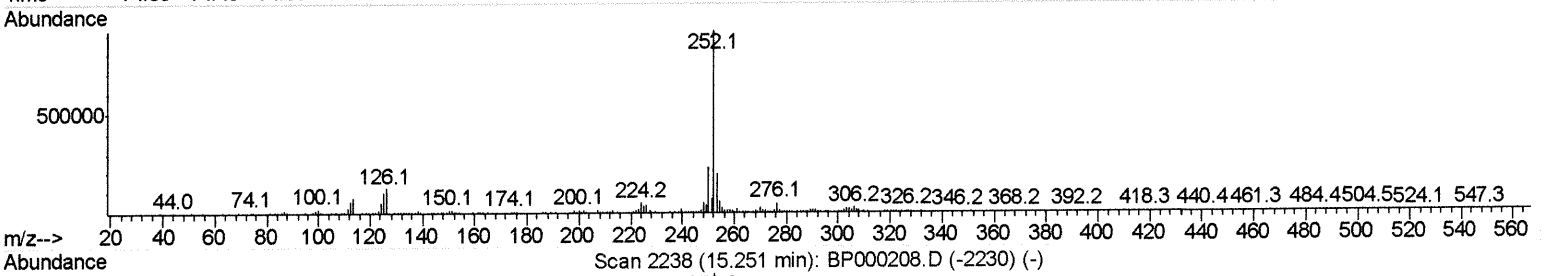
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091219\
Data File : BP000216.D
Acq On : 12 Sep 2019 14:27
Operator : HP/JU
Sample : K4634-19DL 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

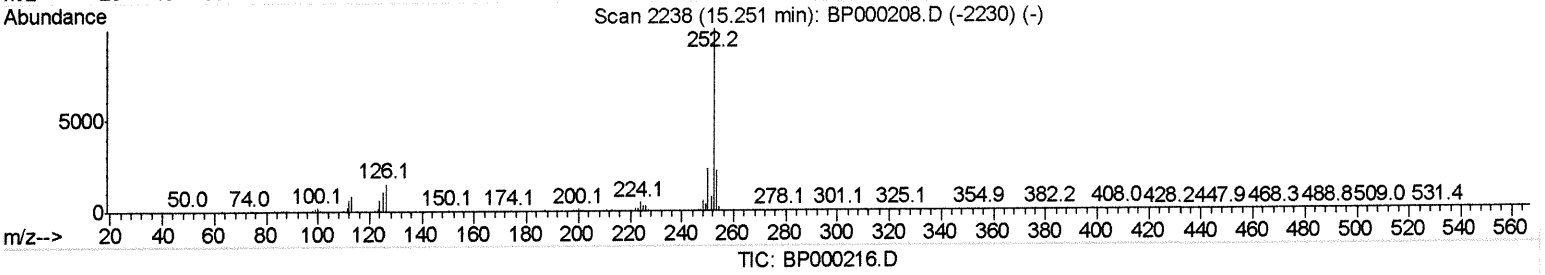
Quant Time: Sep 13 01:48:13 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP090519MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 10 02:43:18 2019
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
F2D37DL

Manual Integrations APPROVED
mohammad
9/16/2019 9:09:08 AM







TIC: BP000216.D

(88) Benzo(b)fluoranthene

15.310min (+0.083) 22.47ng/ul m JU 09/17/19

response 1770017

Ion	Exp%	Act%
252.00	100	100
253.00	21.90	21.25
125.00	12.40	10.87
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091219\

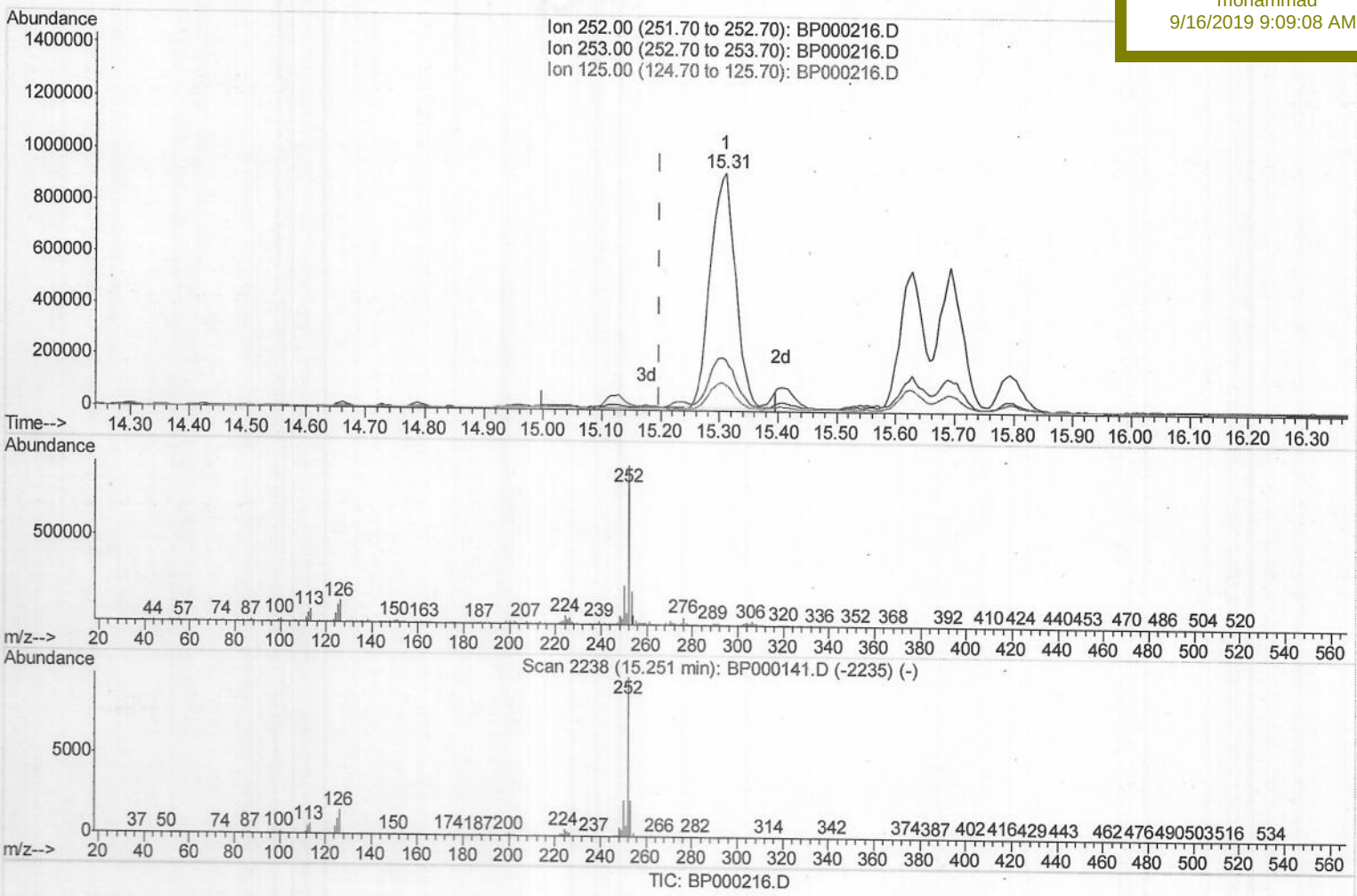
Quantitation Report (Qedit)

Data File : BP000216.D
Acq On : 12 Sep 2019 14:27
Operator : HP/JU
Sample : K4634-19DL 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Sep 18 23:48:15 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP090519MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Sep 16 17:48:44 2019
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
F2D37DL

Manual Integrations APPROVED
mohammad
9/16/2019 9:09:08 AM



TIC: BP000216.D

(89) Benzo(k)fluoranthene

15.310min (+0.112) 37.40ng/ul

response 2724522

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	21.25
125.00	12.70	10.87
0.00	0.00	0.00

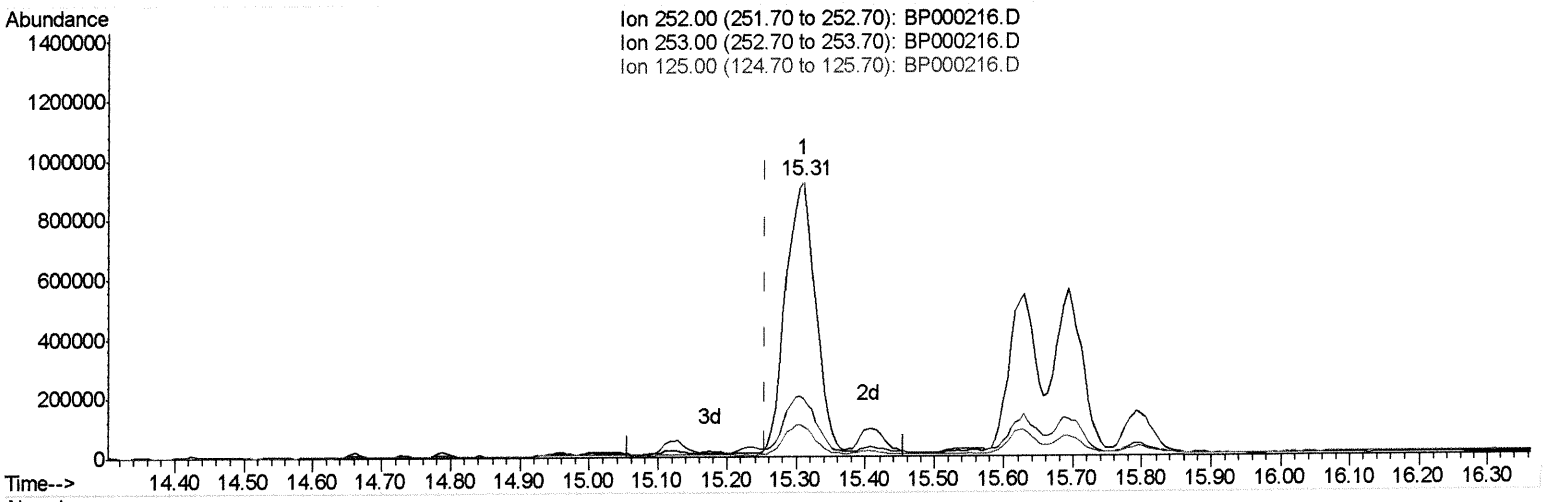
Quantitation Report (Qedit)

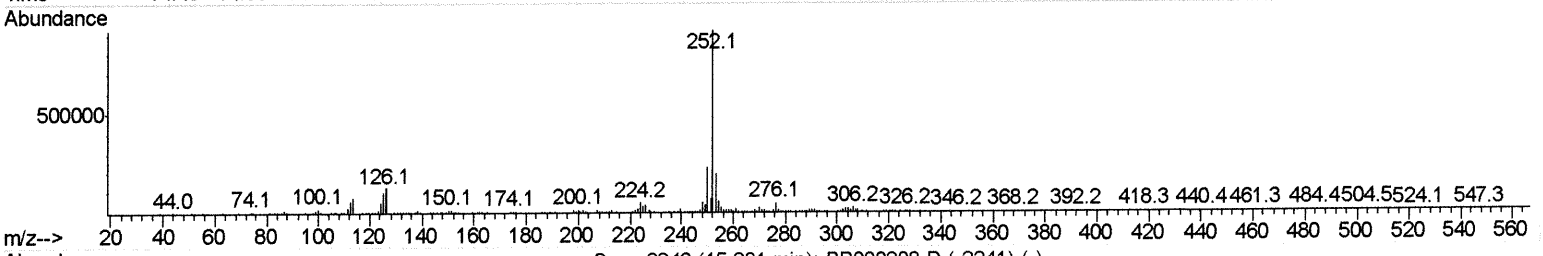
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091219\
Data File : BP000216.D
Acq On : 12 Sep 2019 14:27
Operator : HP/JU
Sample : K4634-19DL 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Sep 13 01:48:13 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP090519MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 10 02:43:18 2019
Response via : Initial Calibration

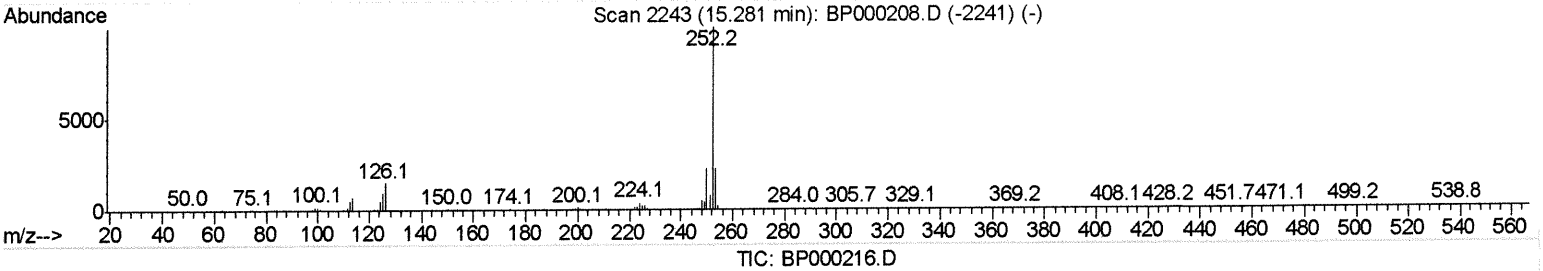
Instrument :
BNA_P
ClientSampleId :
F2D37DL

Manual Integrations APPROVED
mohammad
9/16/2019 9:09:08 AM





Scan 2243 (15.281 min): BP000208.D (-2241) (-)



TIC: BP000216.D

(89) Benzo(k)fluoranthene

15.310min (+0.053) 12.33ng/ul m JU 09/17/19

response 915422

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	21.25
125.00	12.70	10.87
0.00	0.00	0.00

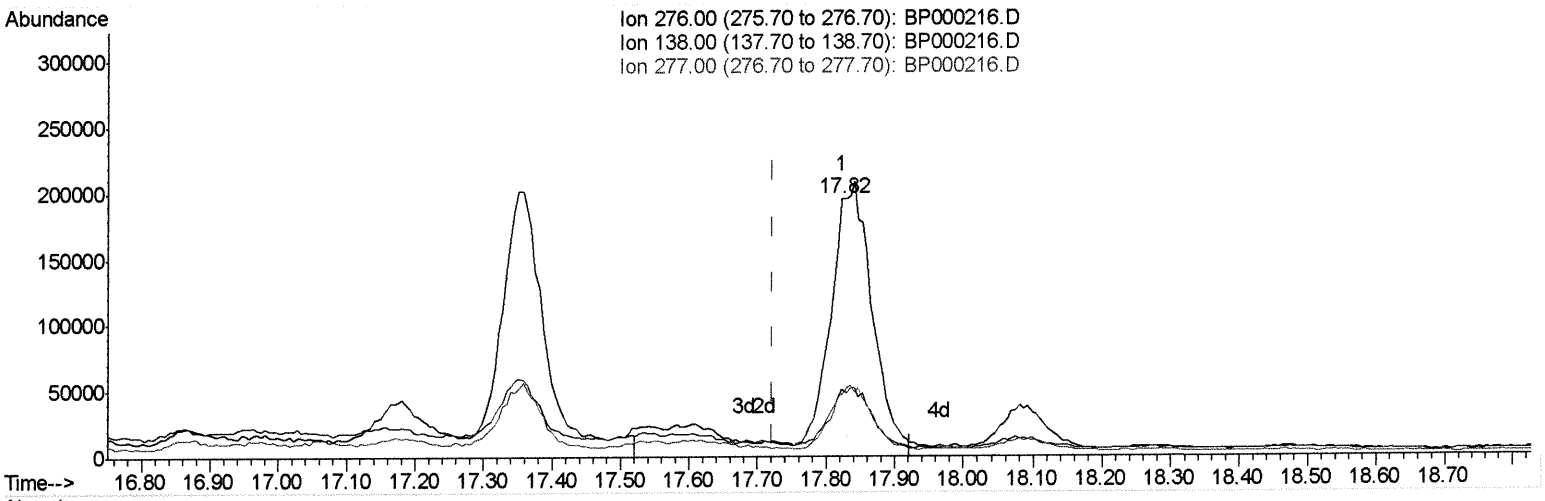
Quantitation Report (Qedit)

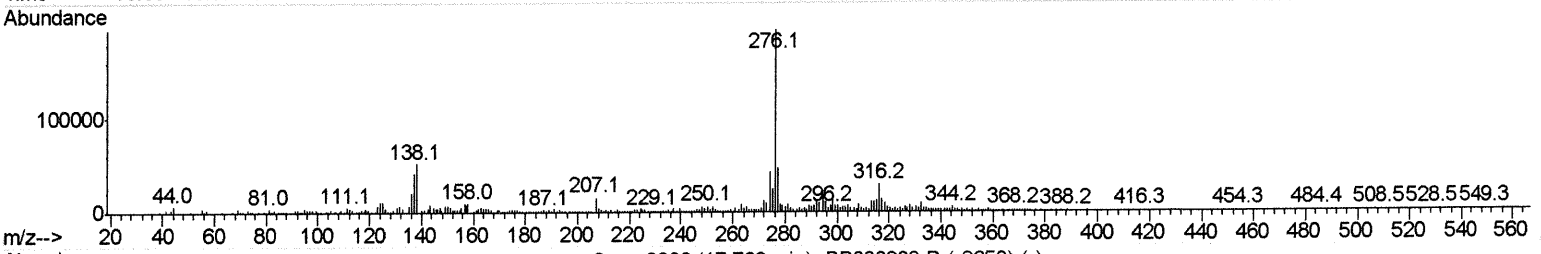
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091219\
Data File : BP000216.D
Acq On : 12 Sep 2019 14:27
Operator : HP/JU
Sample : K4634-19DL 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Sep 13 01:48:13 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP090519MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 10 02:43:18 2019
Response via : Initial Calibration

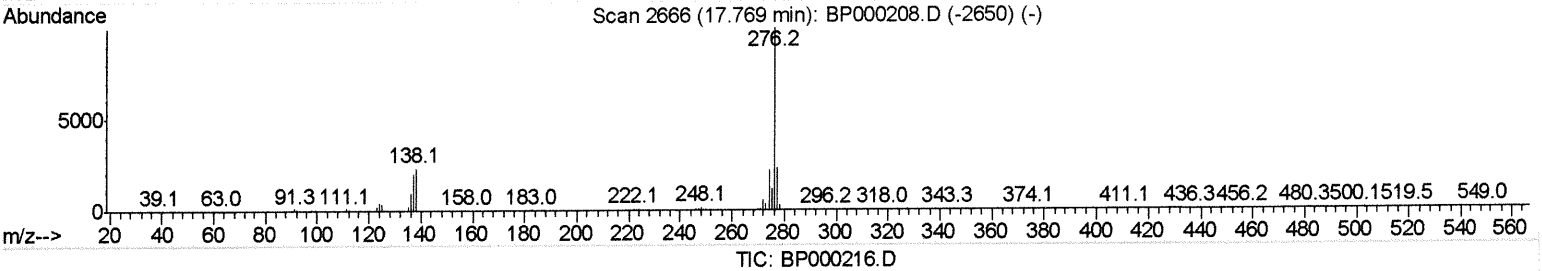
Instrument :
BNA_P
ClientSampleId :
F2D37DL

Manual Integrations APPROVED
mohammad
9/16/2019 9:09:08 AM





Scan 2666 (17.769 min): BP000208.D (-2650) (-)



TIC: BP000216.D

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

17.822min (+0.100) 4.63ng/ul

response 328463

Ion	Exp%	Act%
276.00	100	100
138.00	25.00	26.40
277.00	23.90	24.07
0.00	0.00	0.00

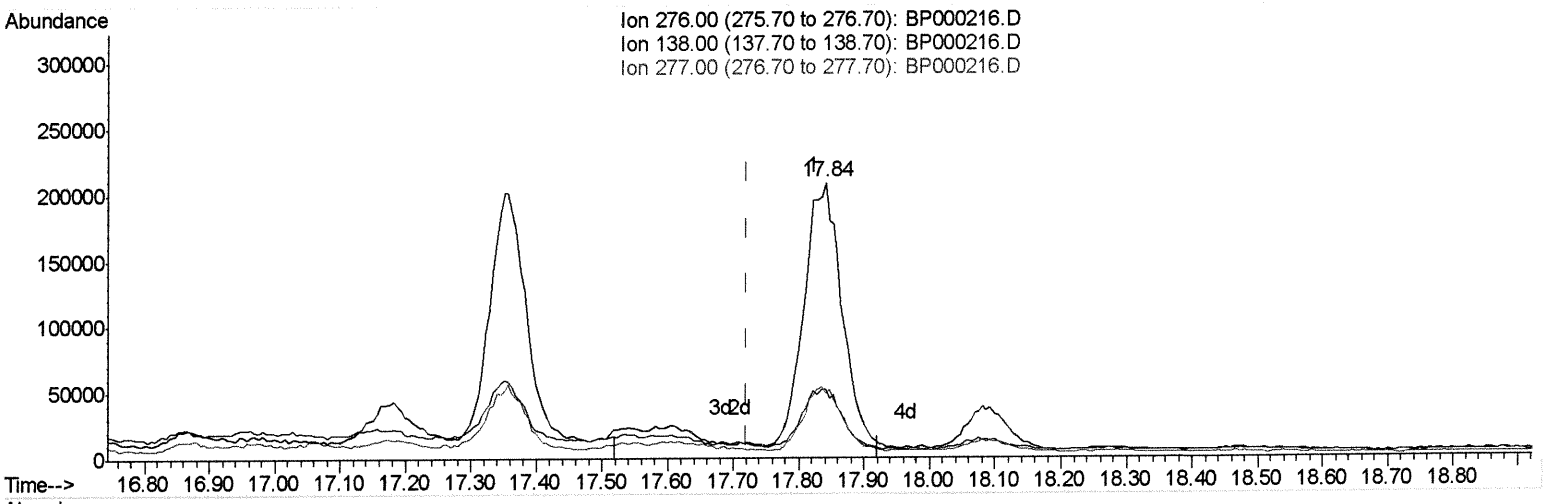
Quantitation Report (Qedit)

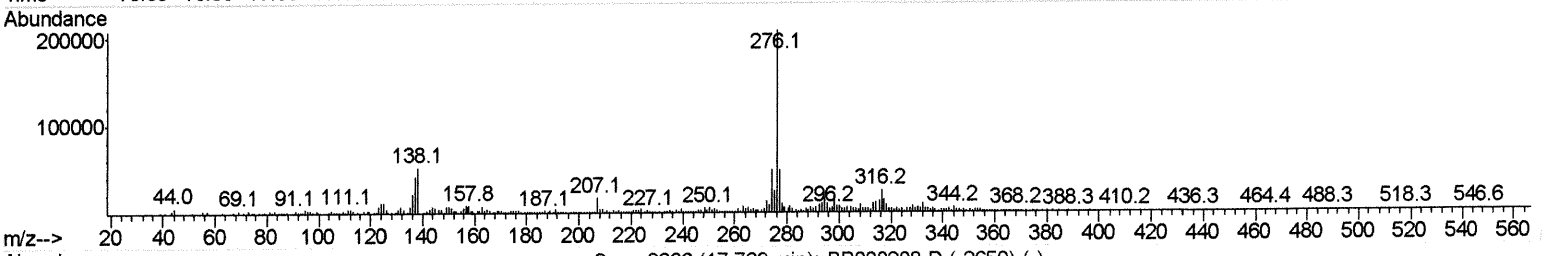
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091219\
Data File : BP000216.D
Acq On : 12 Sep 2019 14:27
Operator : HP/JU
Sample : K4634-19DL 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Sep 13 01:48:13 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP090519MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 10 02:43:18 2019
Response via : Initial Calibration

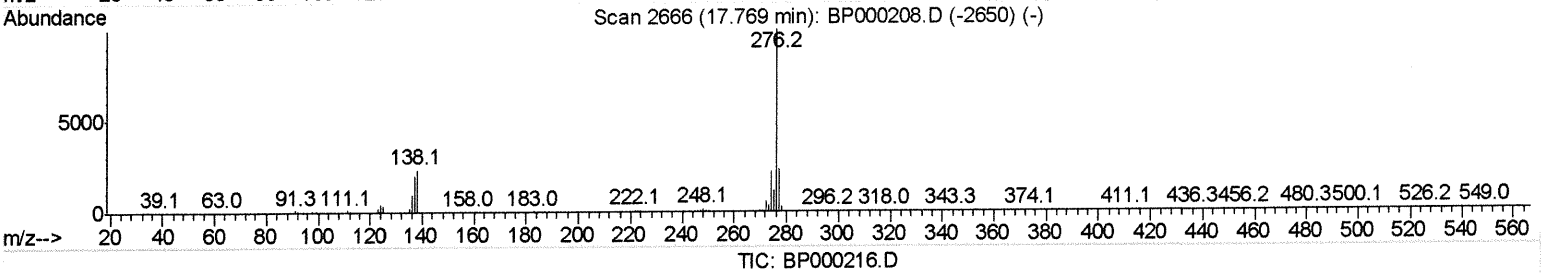
Instrument :
BNA_P
ClientSampleId :
F2D37DL

Manual Integrations APPROVED
mohammad
9/16/2019 9:09:08 AM





Scan 2666 (17.769 min): BP000208.D (-2650) (-)



TIC: BP000216.D

(94) Benzo(g,h,i)perylene JU 09/17/19

17.839min (+0.118) 11.14ng/ul m

response 789927

Ion	Exp%	Act%
276.00	100	100
138.00	25.00	24.97
277.00	23.90	23.65
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091219\
Data File : BP000216.D
Acq On : 12 Sep 2019 14:27
Operator : HP/JU
Sample : K4634-19DL 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Sep 13 04:43:09 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP090519MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 10 02:43:18 2019
Response via : Initial Calibration

Instrument : BNA_P
ClientSampleId : F2D37DL

Manual Integrations APPROVED
mohammad
9/16/2019 9:09:08 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	447670	20.00	ng/ul	0.00
18) Naphthalene-d8	8.18	136	1678804	20.00	ng/ul	0.00
36) Acenaphthene-d10	9.95	164	855632	20.00	ng/ul	0.00
62) Phenanthrene-d10	11.46	188	1516150	20.00	ng/ul	0.00
78) Chrysene-d12	14.17	240	1158130	20.00	ng/ul	0.03
86) Perylene-d12	15.76	264	1188272	20.00	ng/ul	0.07
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.62	96	5985	0.47	ng/uL	0.02
5) Phenol-d5	6.51	99	118613	3.11	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.57	67	63630	3.19	ng/ul	0.00
9) 2-Chlorophenol-d4	6.66	132	102531	3.32	ng/ul	0.00
13) 4-Methylphenol-d8	7.26	113	94377	3.29	ng/ul	0.00
19) Nitrobenzene-d5	7.45	128	44911	3.52	ng/ul	0.00
22) 2-Nitrophenol-d4	7.78	143	44075	3.55	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	8.02	165	85989	3.26	ng/ul	0.00
29) 4-Chloroaniline-d4	8.23	131	44118	1.35	ng/ul	0.00
44) Dimethylphthalate-d6	9.63	166	250307	3.96	ng/ul	0.00
47) Acenaphthylene-d8	9.79	160	297779	3.81	ng/ul	0.00
52) 4-Nitrophenol-d4	10.04	143	24622	2.18	ng/ul	0.00
58) Fluorene-d10	10.47	176	202176	3.77	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	10.54	200	5623	0.81	ng/ul	0.01
71) Anthracene-d10	11.51	188	282479	3.85	ng/ul	0.00
79) Pyrene-d10	12.91	212	272339	3.95	ng/ul	0.01
90) Benzo(a)pyrene-d12	15.66	264	212897	3.46	ng/ul	0.07
Target Compounds						Qvalue
70) Phenanthrene	11.48	178	876159	9.772	ng/ul	99
72) Anthracene	11.53	178	153898	1.744	ng/ul	99
75) Carbazole	11.69	167	104855	1.390	ng/ul	98
77) Fluoranthene	12.70	202	2641086	29.205	ng/ul	99
80) Pyrene	12.93	202	2681677	30.691	ng/ul	94
83) Benzo(a)anthracene	14.16	228	2135041	25.468	ng/ul	95
85) Chrysene	14.20	228	2118669	27.541	ng/ul	100
88) Benzo(b)fluoranthene	15.31	252	1770017m	22.475	ng/ul	
89) Benzo(k)fluoranthene	15.31	252	915422m	12.331	ng/ul	
91) Benzo(a)pyrene	15.69	252	1488928	20.150	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	17.35	276	700683	8.243	ng/ul	94
93) Dibenzo(a,h)anthracene	17.36	278	238552	3.388	ng/ul#	83
94) Benzo(g,h,i)perylene	17.84	276	789927m	11.145	ng/ul	

JJU 09/17/19

JJU 09/17/19

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