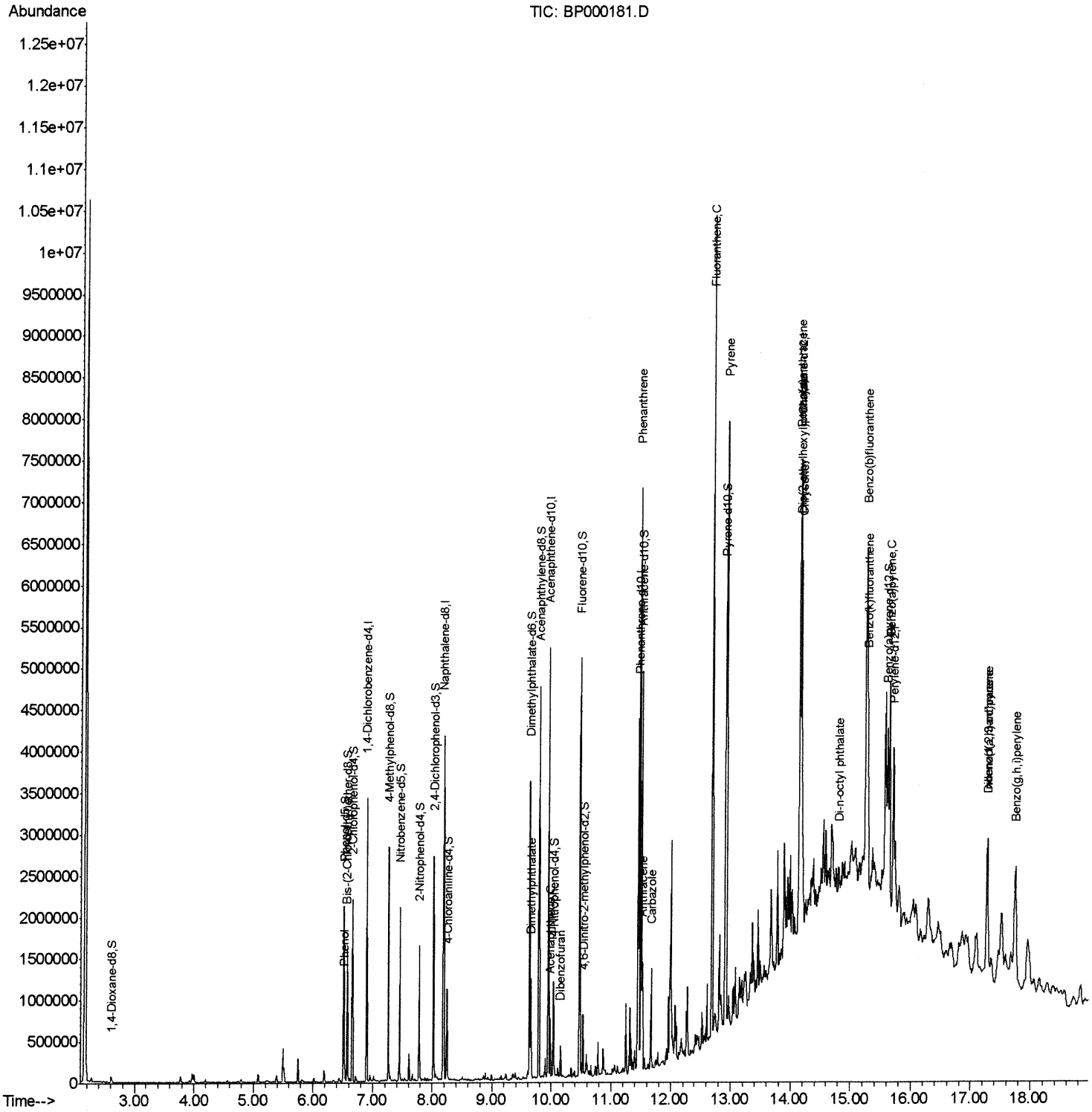
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA P\Data\BP091019\
Data File : BP000181.D
Acq On : 10 Sep 2019 21:51
Operator : HP/JU
Sample : K4634-13
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Sep 11 03:51:02 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 :
F2D31

Manual Integrations APPROVED
mohammad
9/12/2019 9:29:32 AM



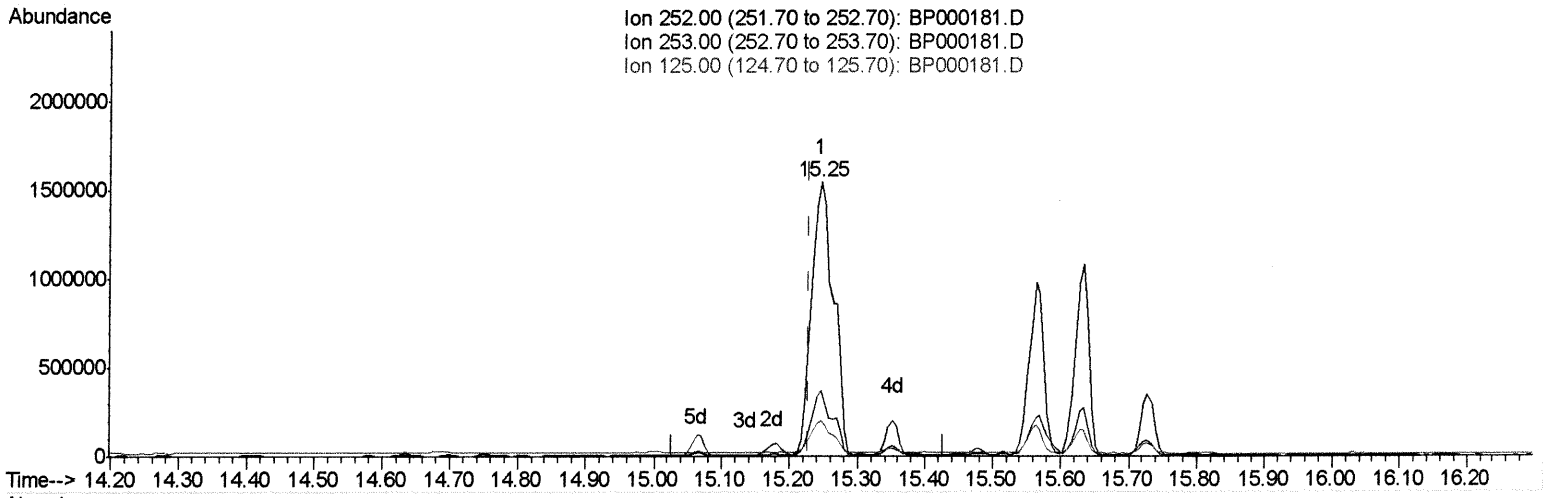
Quantitation Report (Qedit)

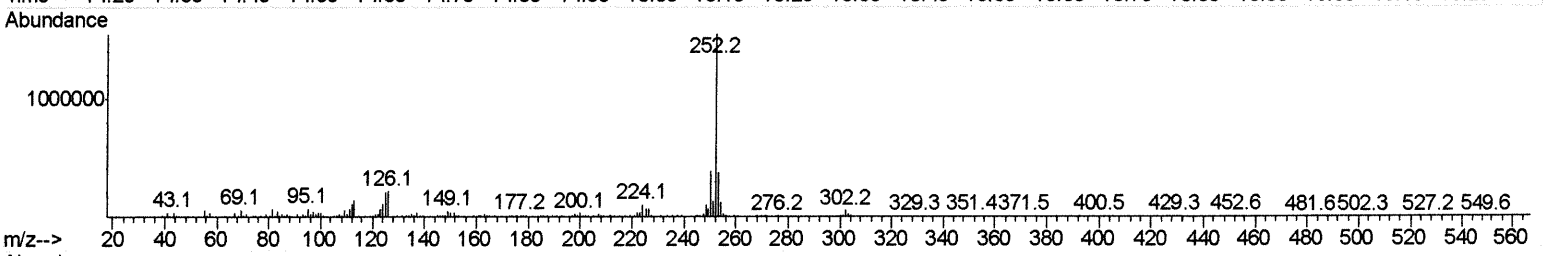
Data Path : Z:\svoasrv\HPCHEM1\BNA P\Data\BP091019\
Data File : BP000181.D
Acq On : 10 Sep 2019 21:51
Operator : HP/JU
Sample : K4634-13
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Sep 11 01:59:46 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

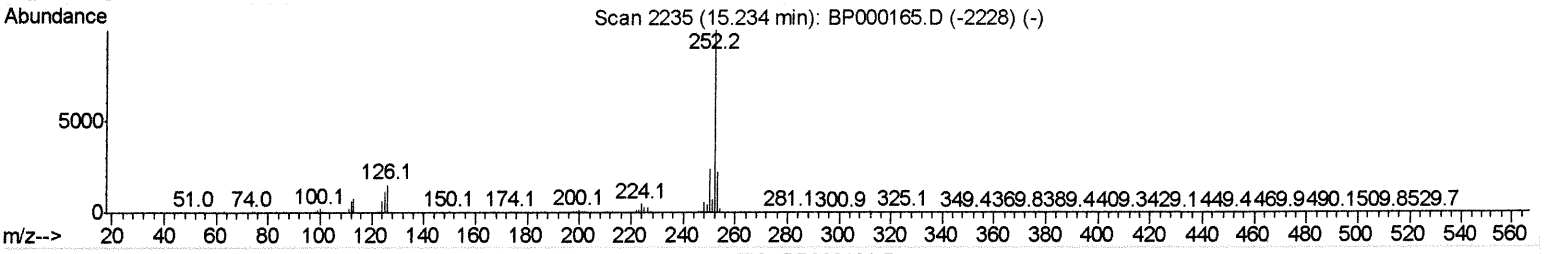
Instrument :
BNA_P
ClientSampleId :
F2D31

Manual Integrations APPROVED
mohammad
9/12/2019 9:29:32 AM





Scan 2235 (15.234 min): BP000165.D (-2228) (-)



TIC: BP000181.D

(88) Benzo(b)fluoranthene

15.245min (+0.018) 50.34ng/ul

response 3524902

Ion	Exp%	Act%
252.00	100	100
253.00	21.90	23.91
125.00	12.40	13.29
0.00	0.00	0.00

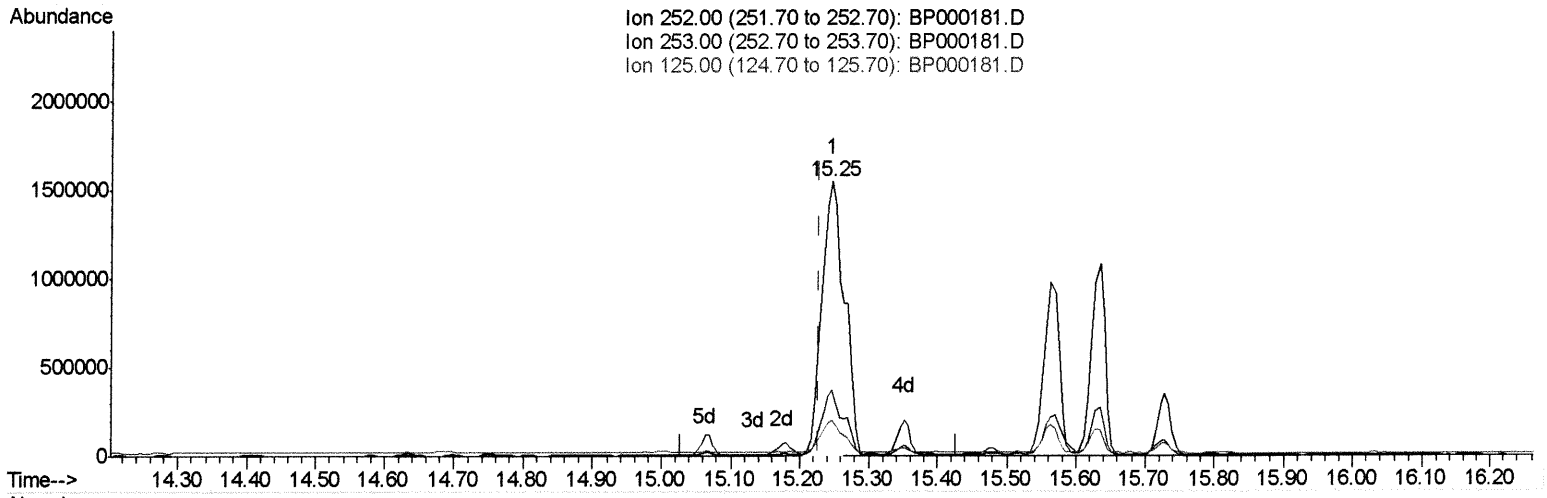
Quantitation Report (Qedit)

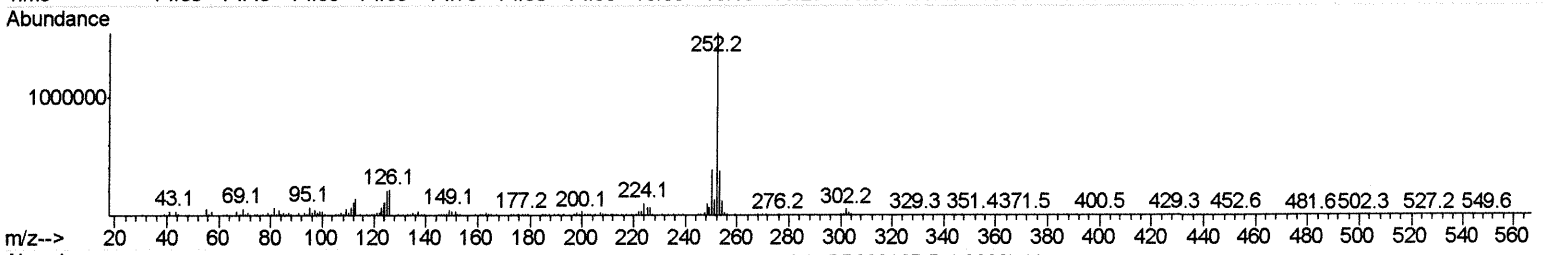
Data Path : Z:\svoasrv\HPCHEM1\BNA P\Data\BP091019\
Data File : BP000181.D
Acq On : 10 Sep 2019 21:51
Operator : HP/JU
Sample : K4634-13
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Sep 11 01:59:46 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

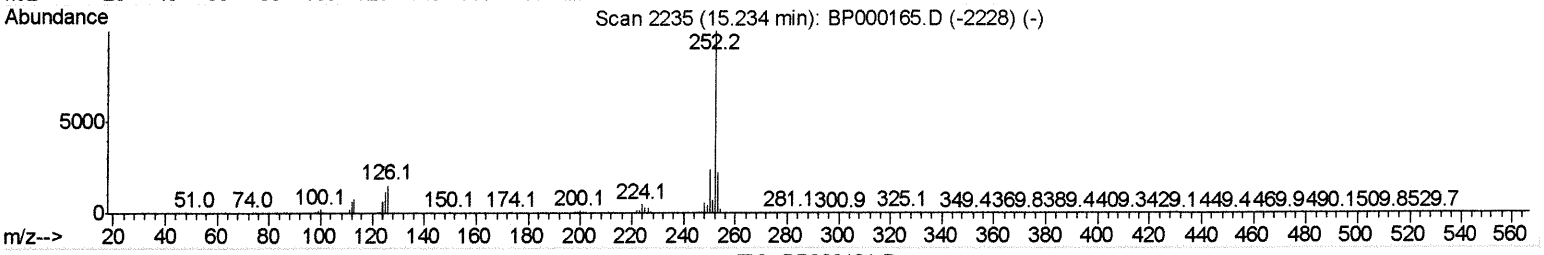
Instrument :
BNA_P
ClientSampleId :
F2D31

Manual Integrations APPROVED
mohammad
9/12/2019 9:29:32 AM





Scan 2235 (15.234 min): BP000165.D (-2228) (-)



TIC: BP000181.D

(88) Benzo(b)fluoranthene

15.245min (+0.018) 42.89ng/ul m JU 09/13/19

response 3003543

Ion	Exp%	Act%
252.00	100	100
253.00	21.90	23.91
125.00	12.40	13.29
0.00	0.00	0.00

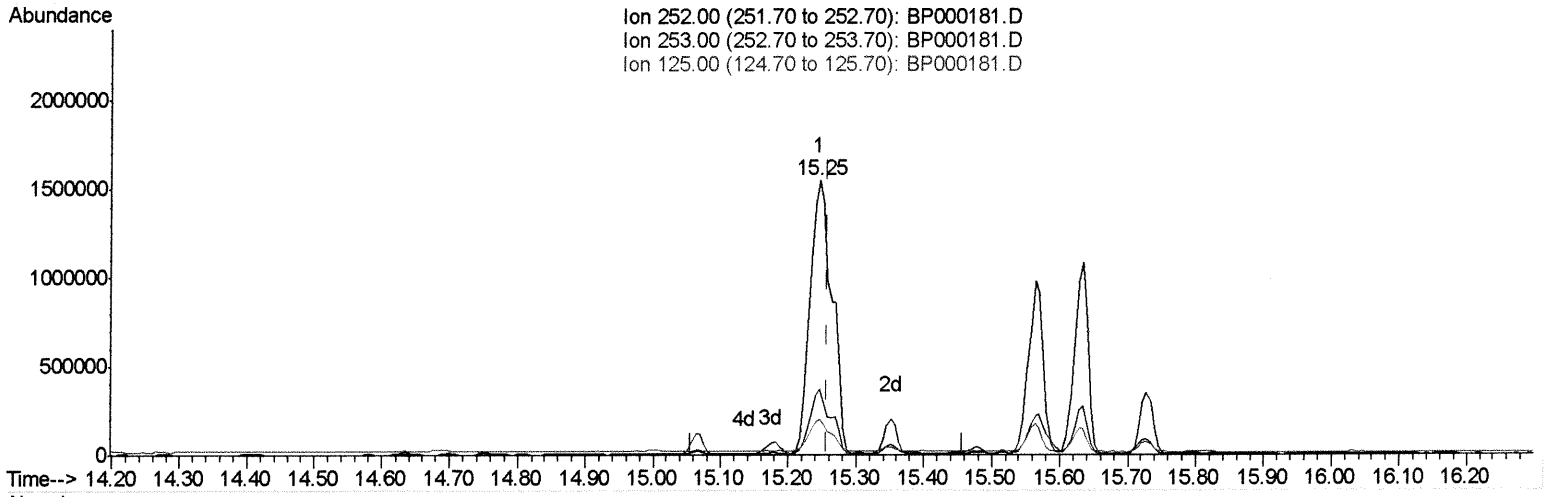
Quantitation Report (Qedit)

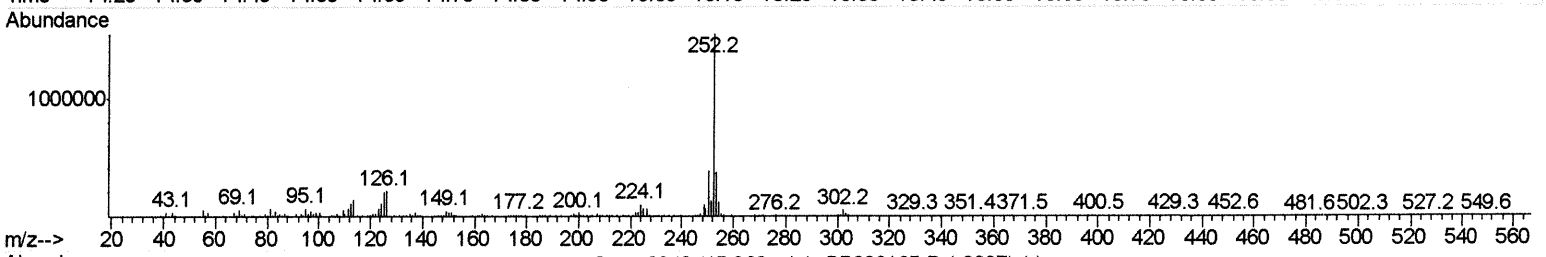
Data Path : Z:\svoasrv\HPCHEM1\BNA P\Data\BP091019\
Data File : BP000181.D
Acq On : 10 Sep 2019 21:51
Operator : HP/JU
Sample : K4634-13
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Sep 11 01:59:46 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

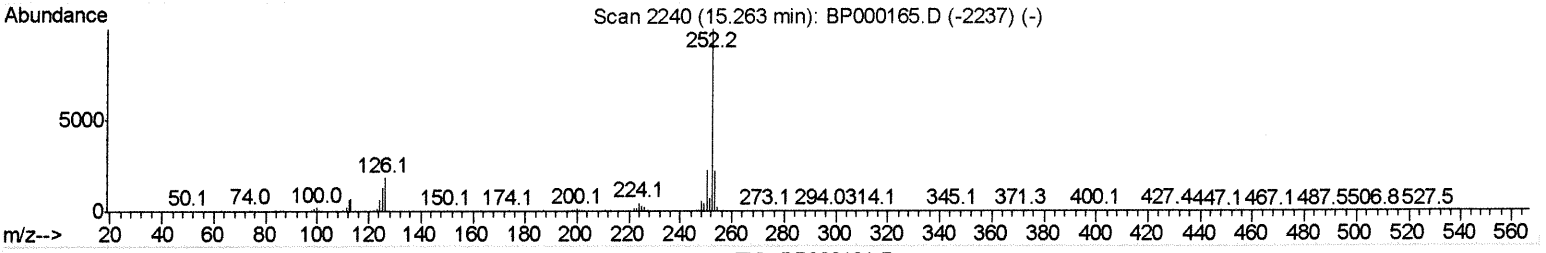
Instrument :
BNA_P
ClientSampleId :
F2D31

Manual Integrations APPROVED
mohammad
9/12/2019 9:29:32 AM





Scan 2240 (15.263 min): BP000165.D (-2237) (-)



TIC: BP000181.D

(89) Benzo(k)fluoranthene

15.245min (-0.012) 53.44ng/ul

response 3527467

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	23.91
125.00	12.70	13.29
0.00	0.00	0.00

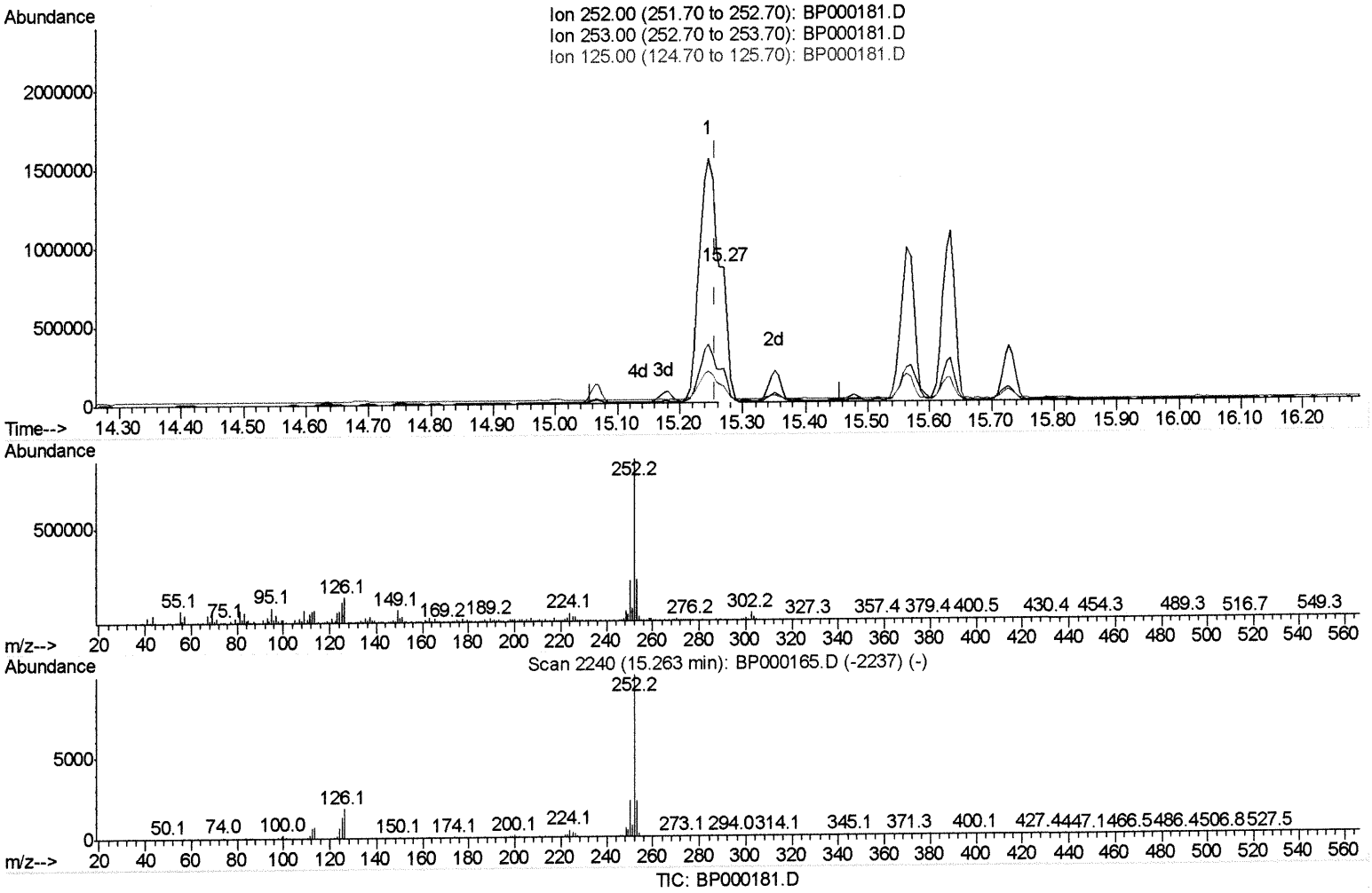
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA P\Data\BP091019\
Data File : BP000181.D
Acq On : 10 Sep 2019 21:51
Operator : HP/JU
Sample : K4634-13
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Sep 11 01:59:46 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 :
F2D31

Manual Integrations APPROVED
mohammad
9/12/2019 9:29:32 AM



(89) Benzo(k)fluoranthene

15.269min (+0.012) 8.36ng/ul m JU 09/13/19

response 551944

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	25.38
125.00	12.70	12.58
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA P\Data\BP091019\
Data File : BP000181.D
Acq On : 10 Sep 2019 21:51
Operator : HP/JU
Sample : K4634-13
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
F2D31

Manual Integrations APPROVED
mohammad
9/12/2019 9:29:32 AM

Quant Time: Sep 11 03:51:02 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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	466879	20.00	ng/ul	0.00
18) Naphthalene-d8	8.17	136	1807218	20.00	ng/ul	0.00
36) Acenaphthene-d10	9.95	164	930435	20.00	ng/ul	0.00
62) Phenanthrene-d10	11.45	188	1576406	20.00	ng/ul	0.00
78) Chrysene-d12	14.15	240	1002408	20.00	ng/ul	0.00
86) Perylene-d12	15.70	264	1056535	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.61	96	36209	2.75	ng/uL	0.00
5) Phenol-d5	6.51	99	689294	17.33	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.57	67	361958	17.41	ng/ul	0.00
9) 2-Chlorophenol-d4	6.66	132	562731	17.50	ng/ul	0.00
13) 4-Methylphenol-d8	7.26	113	530282	17.75	ng/ul	0.00
19) Nitrobenzene-d5	7.45	128	268112	19.54	ng/ul	0.00
22) 2-Nitrophenol-d4	7.77	143	296921	22.23	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	8.02	165	509726	17.98	ng/ul	0.00
29) 4-Chloroaniline-d4	8.25	131	370861	10.58	ng/ul	0.01
44) Dimethylphthalate-d6	9.63	166	1432681	20.85	ng/ul	0.00
47) Acenaphthylene-d8	9.79	160	1681329	19.80	ng/ul	0.00
52) 4-Nitrophenol-d4	10.03	143	176983	14.42	ng/ul	0.00
58) Fluorene-d10	10.47	176	1156262	19.82	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	10.53	200	105081	14.50	ng/ul	0.00
71) Anthracene-d10	11.50	188	1524286	19.97	ng/ul	0.00
79) Pyrene-d10	12.90	212	1413580	23.71	ng/ul	0.00
90) Benzo(a)pyrene-d12	15.60	264	1181698	21.58	ng/ul	0.01
Target Compounds						Qvalue
6) Phenol	6.52	94	143486	3.462	ng/ul	99
45) Dimethylphthalate	9.65	163	391094	5.641	ng/ul	100
50) Acenaphthene	9.97	153	146567	2.385	ng/ul	98
54) Dibenzofuran	10.15	168	101756	1.207	ng/ul	94
70) Phenanthrene	11.47	178	2516056	26.989	ng/ul	98
72) Anthracene	11.52	178	467034	5.091	ng/ul	98
75) Carbazole	11.67	167	449456	5.731	ng/ul	100
77) Fluoranthene	12.69	202	4031584	42.877	ng/ul	99
80) Pyrene	12.92	202	3228797	42.693	ng/ul#	92
83) Benzo(a)anthracene	14.13	228	1812175	24.974	ng/ul	96
84) Bis(2-ethylhexyl)phthalate	14.16	149	369502	8.966	ng/ul	92
85) Chrysene	14.17	228	1850136	27.786	ng/ul	98
87) Di-n-octyl phthalate	14.80	149	183910	2.711	ng/ul	100
88) Benzo(b)fluoranthene	15.25	252	3003543m→	42.893	ng/ul	2 JU 9/13/19
89) Benzo(k)fluoranthene	15.27	252	551944m→	8.362	ng/ul	J
91) Benzo(a)pyrene	15.63	252	1512783	23.026	ng/ul	95
92) Indeno(1,2,3-cd)pyrene	17.27	276	1382648	18.293	ng/ul	98
93) Dibenzo(a,h)anthracene	17.28	278	378370	6.044	ng/ul	98
94) Benzo(g,h,i)perylene	17.74	276	1365190	21.663	ng/ul	99

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