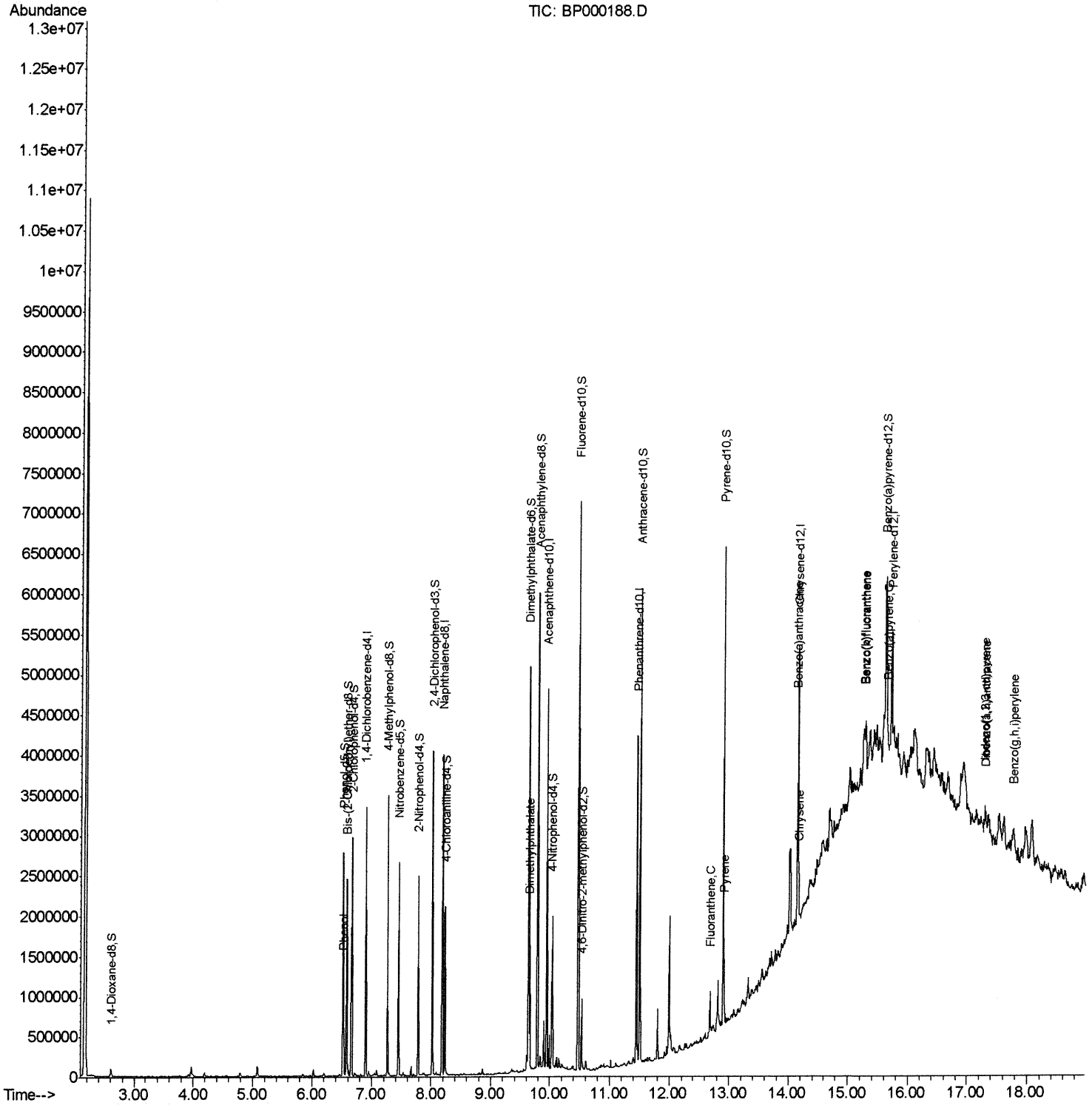
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091019\
Data File : BP000188.D
Acq On : 11 Sep 2019 00:40
Operator : HP/JU
Sample : K4633-15
Misc :
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Sep 11 04:36:07 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP090519MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Sep 11 02:03:45 2019
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
F2D14

Manual Integrations APPROVED
mohammad
9/12/2019 10:26:00 AM



Quantitation Report (Qedit)

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mohammad
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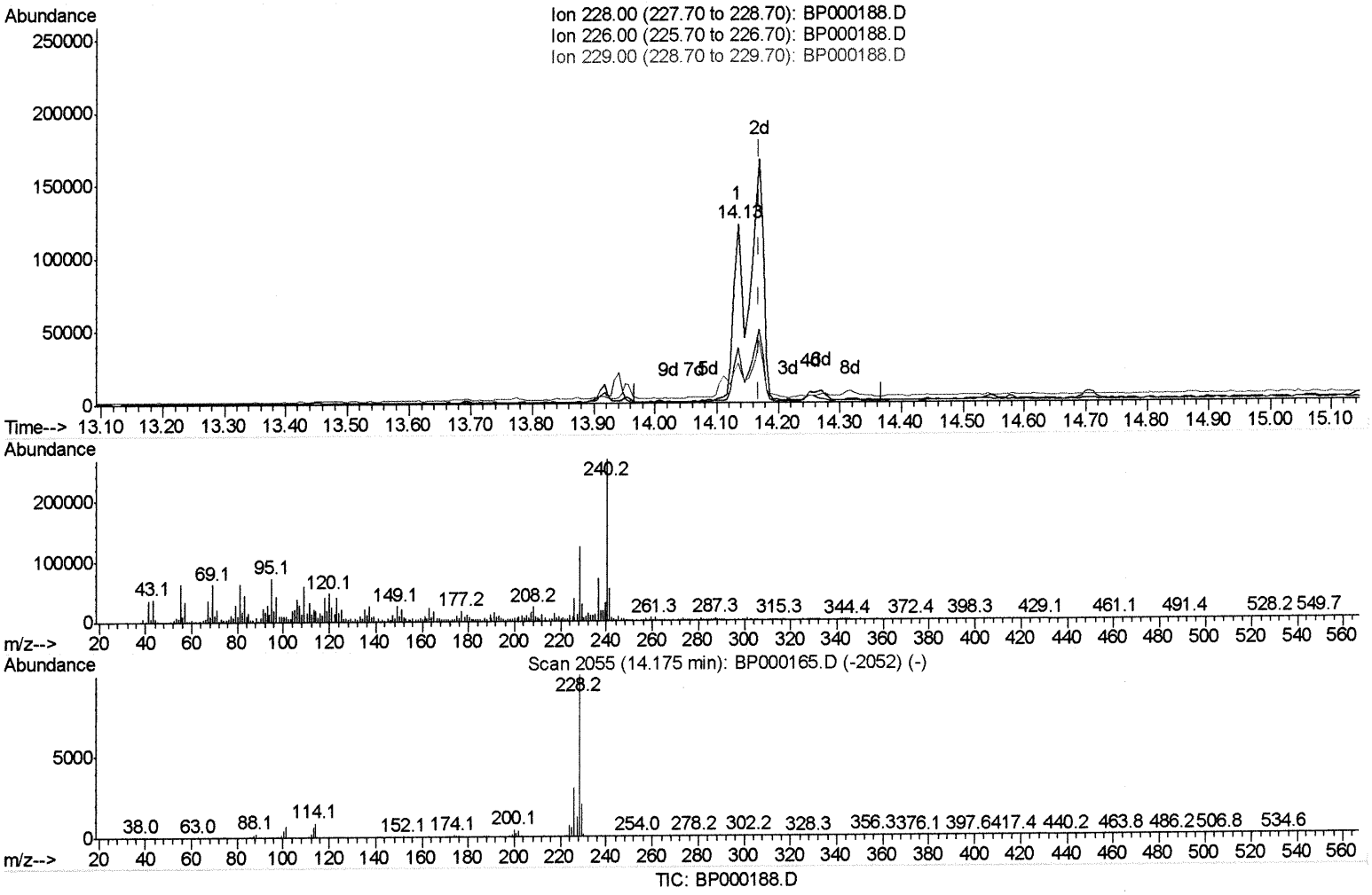

TIC: BP000188.D

(85) Chrysene

14.134min (-0.035) 1.81ng/ul

response 128558

Ion	Exp%	Act%
228.00	100	100
226.00	30.50	30.75
229.00	20.00	22.52
0.00	0.00	0.00

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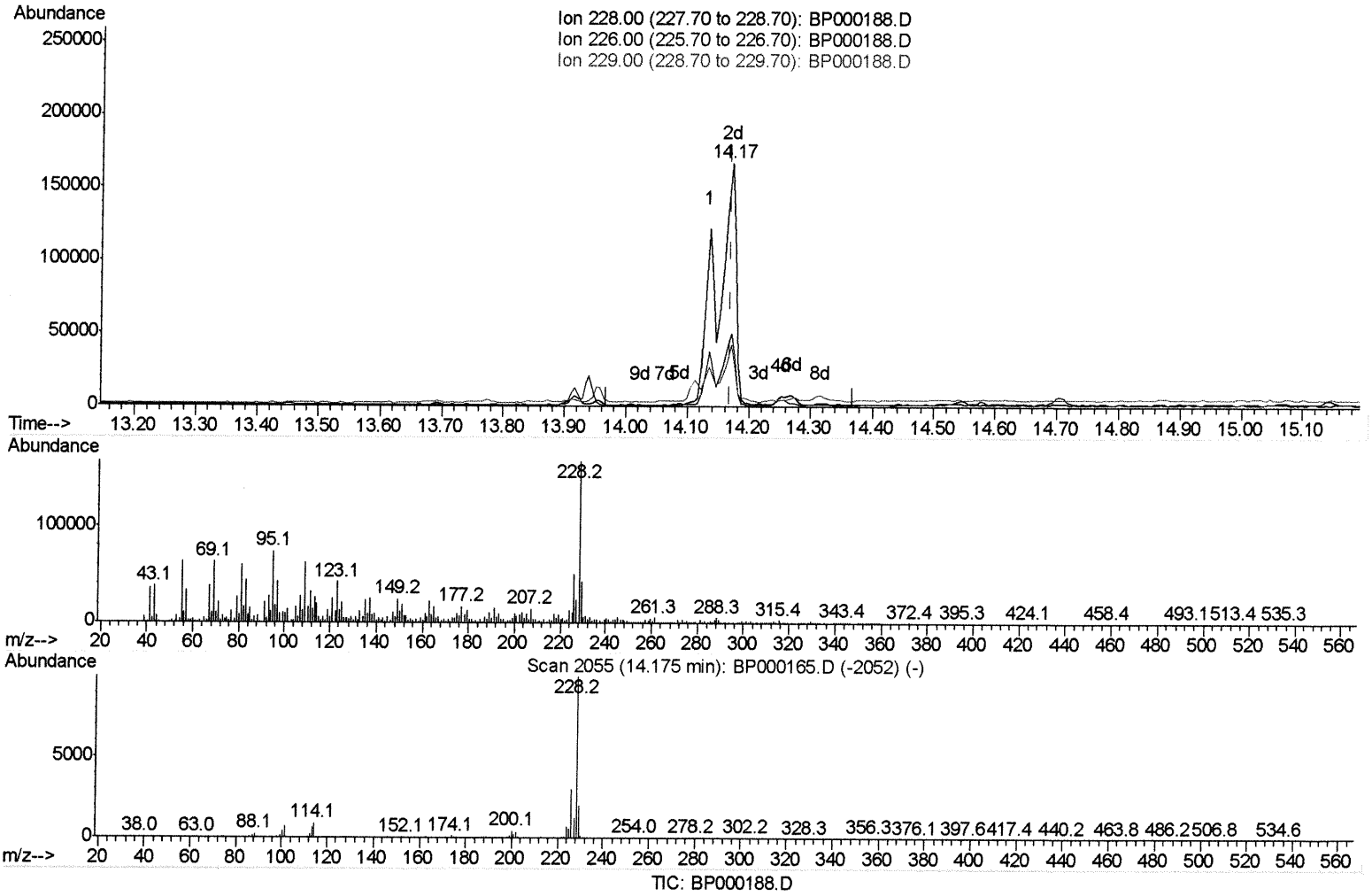
Manual Integrations APPROVED
mohammad
9/12/2019 10:26:00 AM



TIC: BP000188.D

(85) Chrysene

14.169min (+0.000) 2.98ng/ul m JU 09/13/19

response 211199

Ion	Exp%	Act%
228.00	100	100
226.00	30.50	30.18
229.00	20.00	25.32#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091019\
Data File : BP000188.D
Acq On : 11 Sep 2019 00:40
Operator : HP/JU
Sample : K4633-15
Misc :
ALS Vial : 24 Sample Multiplier: 1

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Quant Title : SVOA CALIBRATION
QLast Update : Wed Sep 11 02:03:45 2019
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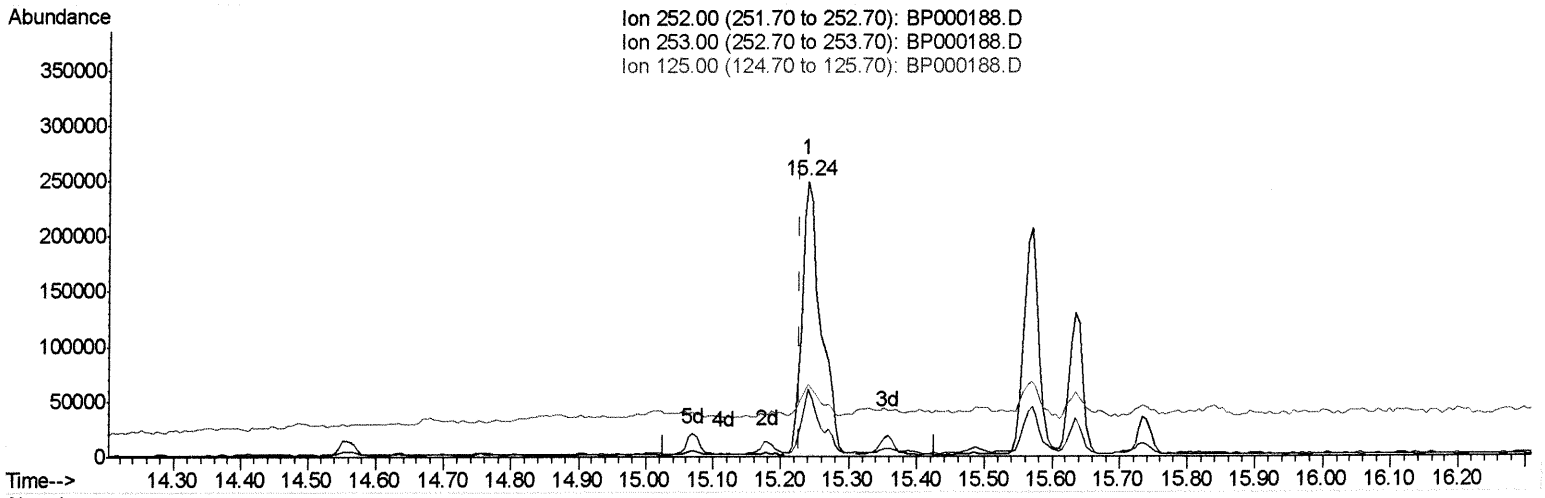
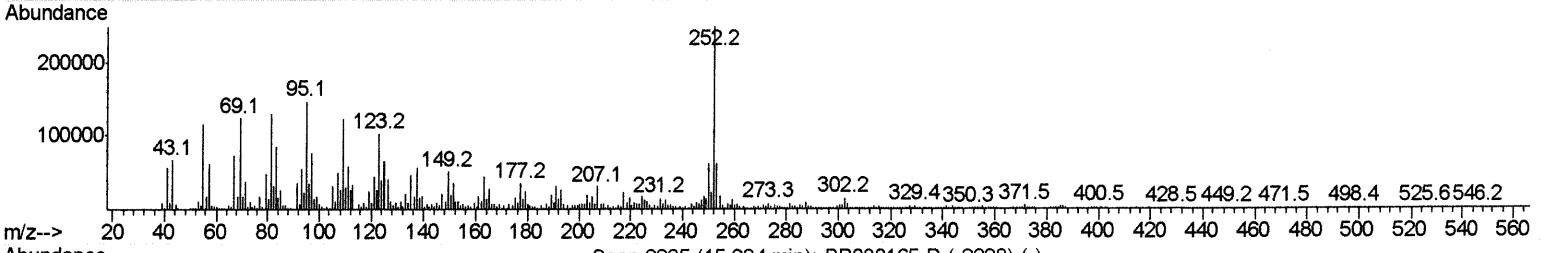
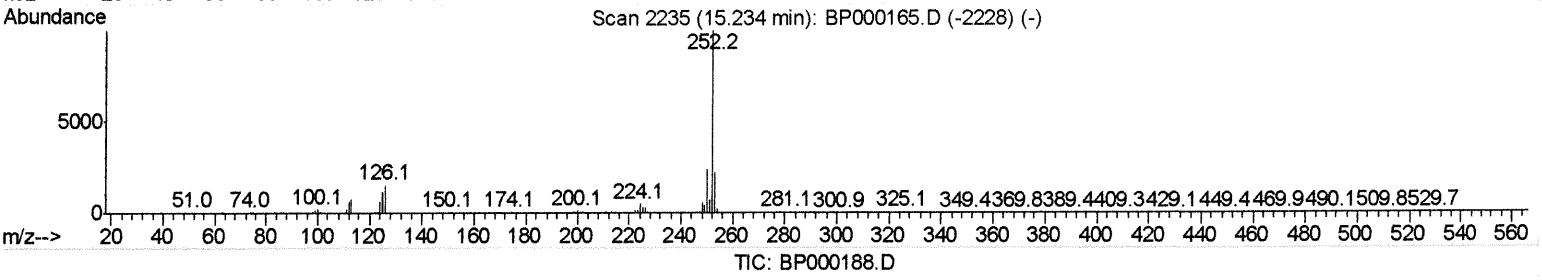
Instrument :
BNA_P
ClientSampleId :
F2D14

Manual Integrations APPROVED
mohammad
9/12/2019 10:26:00 AM







TIC: BP000188.D

(88) Benzo(b)fluoranthene

15.240min (+0.012) 7.20ng/ul

response 487965

Ion	Exp%	Act%
252.00	100	100
253.00	21.90	24.68
125.00	12.40	26.36#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091019\
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Acq On : 11 Sep 2019 00:40
Operator : HP/JU
Sample : K4633-15
Misc :
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Sep 11 04:12:07 2019
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Quant Title : SVOA CALIBRATION
QLast Update : Wed Sep 11 02:03:45 2019
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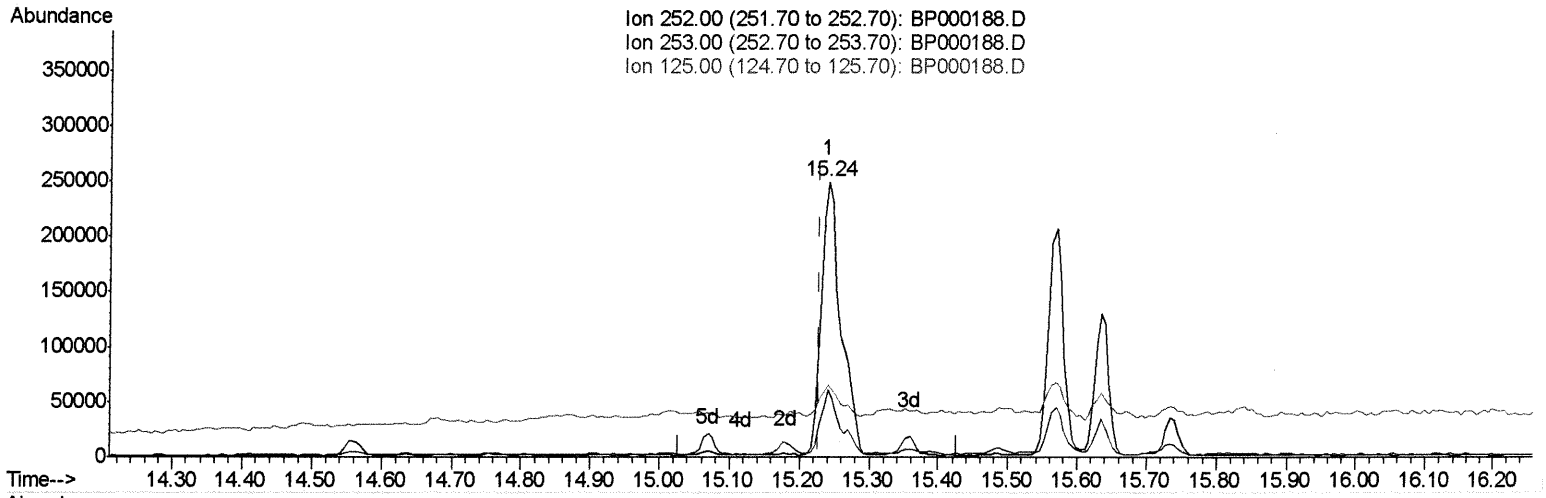
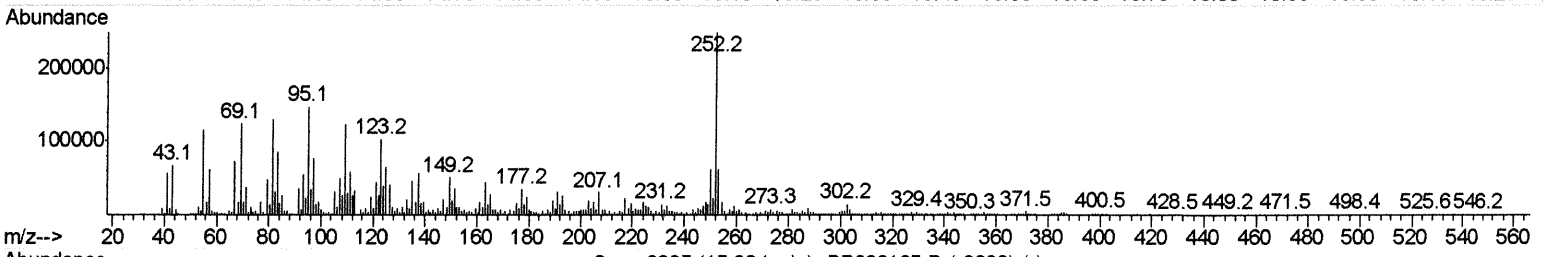
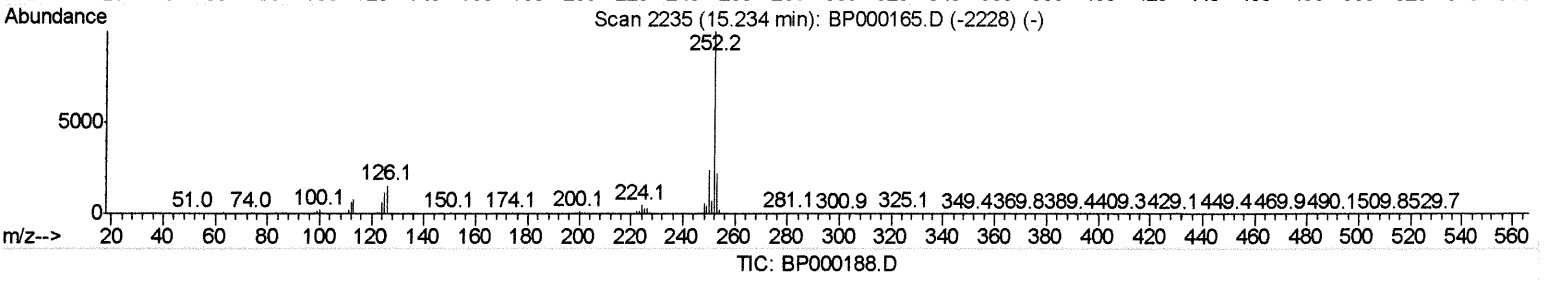
Instrument :
BNA_P
ClientSampleId :
F2D14

Manual Integrations APPROVED
mohammad
9/12/2019 10:26:00 AM







TIC: BP000188.D

(88) Benzo(b)fluoranthene

15.240min (+0.012) 5.74ng/ul m JU 09/13/19

response 388974

Ion	Exp%	Act%
252.00	100	100
253.00	21.90	24.68
125.00	12.40	26.36#
0.00	0.00	0.00

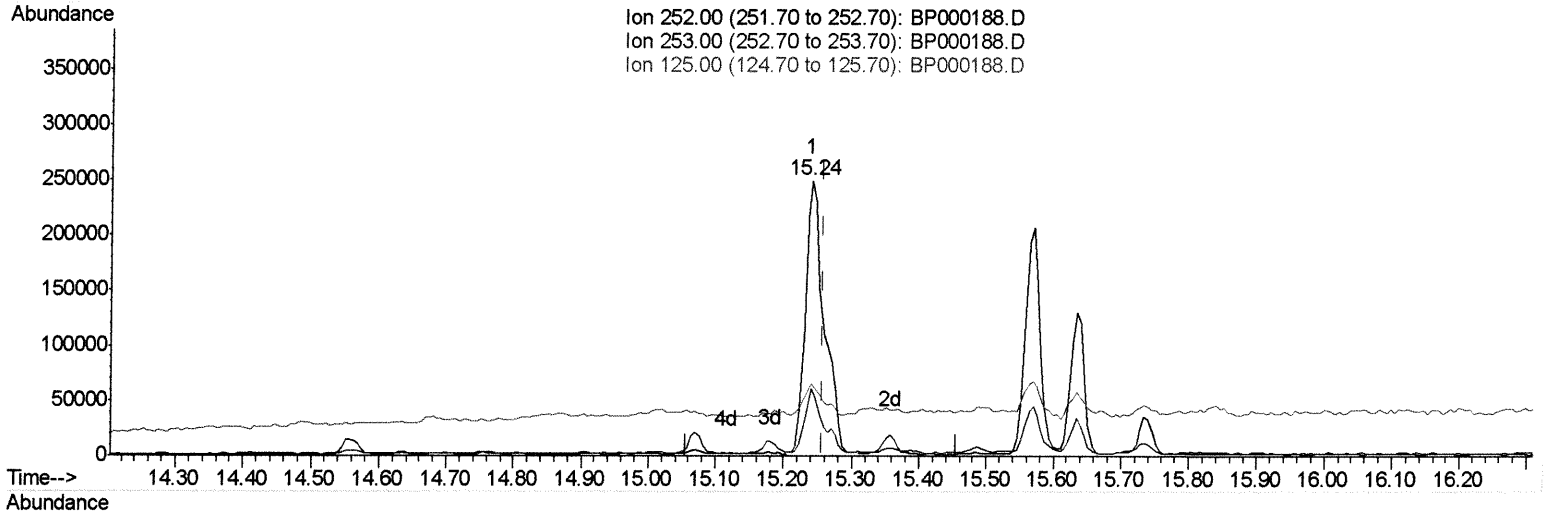
Quantitation Report (Qedit)

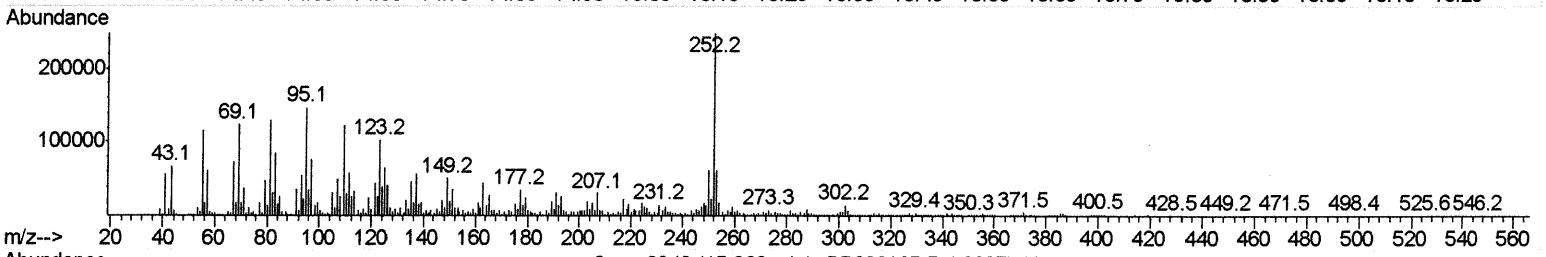
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091019\
Data File : BP000188.D
Acq On : 11 Sep 2019 00:40
Operator : HP/JU
Sample : K4633-15
Misc :
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Sep 11 04:12:07 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP090519MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Sep 11 02:03:45 2019
Response via : Initial Calibration

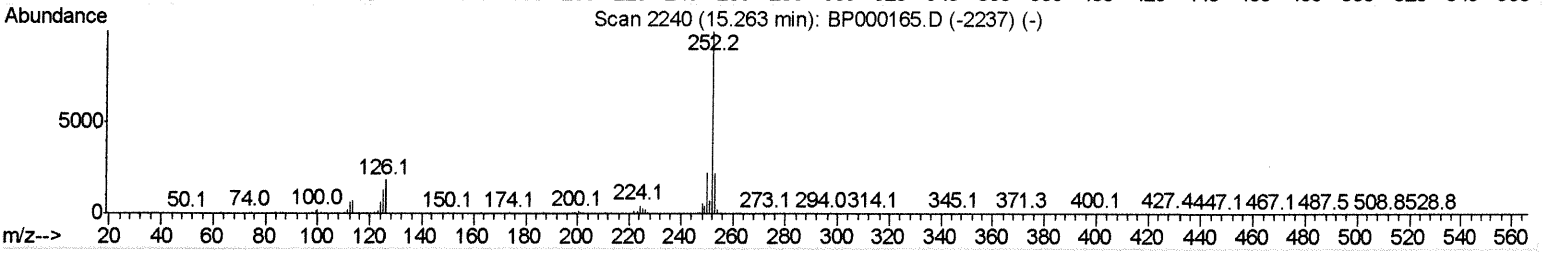
Instrument :
BNA_P
ClientSampleId :
F2D14

Manual Integrations APPROVED
mohammad
9/12/2019 10:26:00 AM





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



TIC: BP000188.D

(89) Benzo(k)fluoranthene

15.240min (-0.017) 7.63ng/ul

response 487883

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	24.68
125.00	12.70	26.36#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091019\
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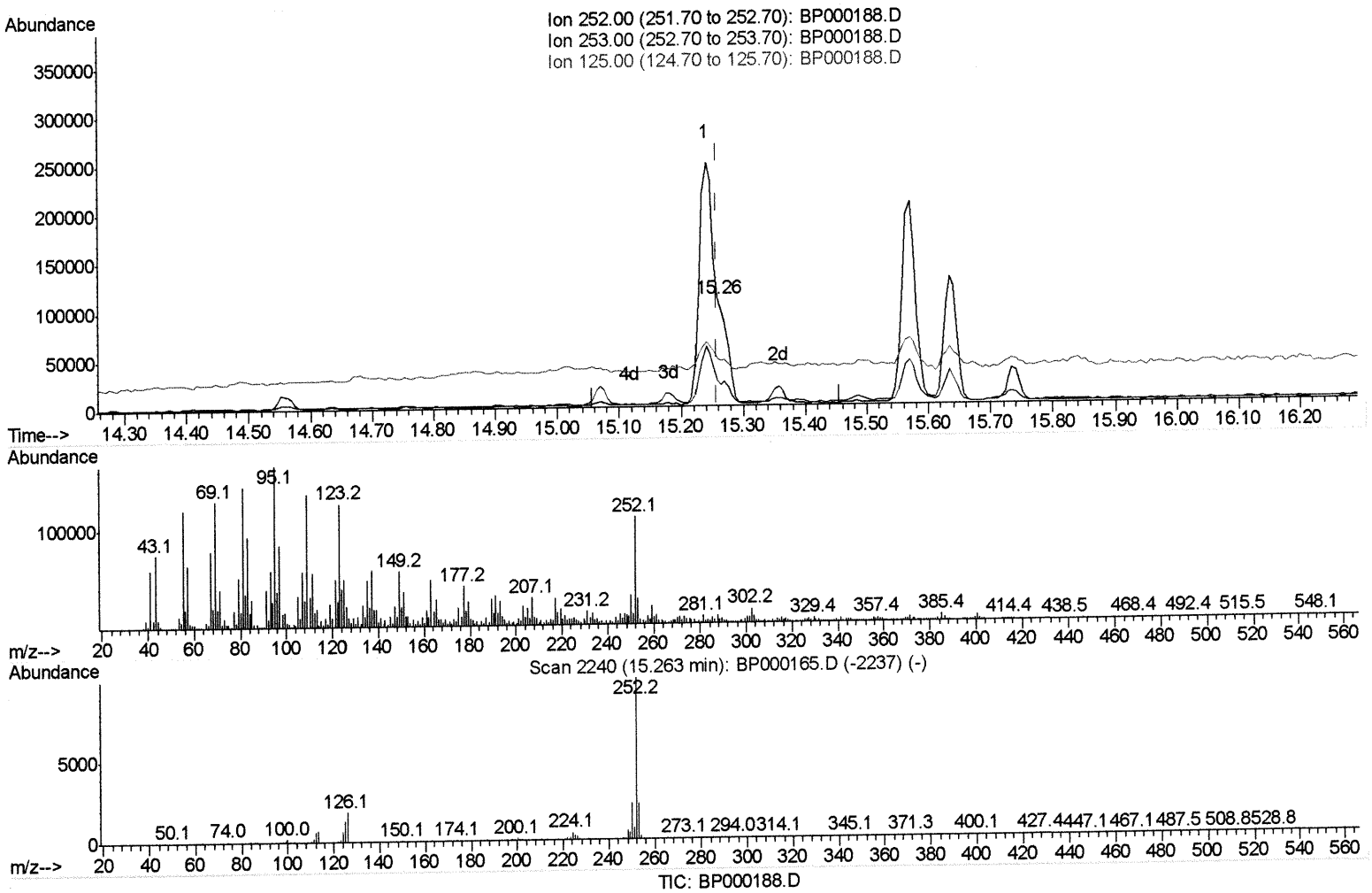
Acq On : 11 Sep 2019 00:40
Operator : HP/JU
Sample : K4633-15
Misc :
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Sep 11 04:12:07 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP090519MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Sep 11 02:03:45 2019
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
F2D14

Manual Integrations APPROVED
mohammad
9/12/2019 10:26:00 AM



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

TIC: BP000188.D

(89) Benzo(k)fluoranthene

15.257min (+0.000) 1.50ng/ul m JU 09/13/19

response 96129

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	23.44
125.00	12.70	44.96#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091019\
Data File : BP000188.D
Acq On : 11 Sep 2019 00:40
Operator : HP/JU
Sample : K4633-15
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
F2D14

Manual Integrations APPROVED
mohammad
9/12/2019 10:26:00 AM

Quant Time: Sep 11 04:36:07 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP090519MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Sep 11 02:03:45 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	454126	20.00	ng/ul	0.00
18) Naphthalene-d8	8.18	136	1714368	20.00	ng/ul	0.00
36) Acenaphthene-d10	9.95	164	852975	20.00	ng/ul	0.00
62) Phenanthrene-d10	11.45	188	1435205	20.00	ng/ul	0.00
78) Chrysene-d12	14.15	240	1068537	20.00	ng/ul	0.00
86) Perylene-d12	15.70	264	1022899	20.00	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.61	96	57896	4.52	ng/uL	0.00
5) Phenol-d5	6.51	99	1019007	26.34	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.58	67	527112	26.06	ng/ul	0.00
9) 2-Chlorophenol-d4	6.66	132	837470	26.77	ng/ul	0.00
13) 4-Methylphenol-d8	7.26	113	730338	25.13	ng/ul	0.00
19) Nitrobenzene-d5	7.45	128	399770	30.71	ng/ul	0.00
22) 2-Nitrophenol-d4	7.78	143	437265	34.50	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	8.02	165	730171	27.15	ng/ul	0.00
29) 4-Chloroaniline-d4	8.23	131	593709	17.85	ng/ul	0.00
44) Dimethylphthalate-d6	9.63	166	1948227	30.93	ng/ul	0.00
47) Acenaphthylene-d8	9.79	160	2269401	29.16	ng/ul	0.00
52) 4-Nitrophenol-d4	10.03	143	305112	27.11	ng/ul	0.00
58) Fluorene-d10	10.47	176	1544977	28.88	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	10.53	200	98398	14.92	ng/ul	0.00
71) Anthracene-d10	11.50	188	2055622	29.58	ng/ul	0.00
79) Pyrene-d10	12.90	212	1972604	31.04	ng/ul	0.00
90) Benzo(a)pyrene-d12	15.61	264	1609646	30.36	ng/ul	0.02
Target Compounds						Qvalue
6) Phenol	6.53	94	185757	4.608	ng/ul	99
45) Dimethylphthalate	9.66	163	631940	9.943	ng/ul	100
77) Fluoranthene	12.68	202	220880	2.580	ng/ul	98
80) Pyrene	12.92	202	191551	2.376	ng/ul	94
83) Benzo(a)anthracene	14.13	228	128133	1.657	ng/ul	94
85) Chrysene	14.17	228	211199m →	2.976	ng/ul	99
88) Benzo(b)fluoranthene	15.24	252	388974m →	5.737	ng/ul	
89) Benzo(k)fluoranthene	15.26	252	96129m →	1.504	ng/ul	
91) Benzo(a)pyrene	15.63	252	180787	2.842	ng/ul#	64
92) Indeno(1,2,3-cd)pyrene	17.29	276	210327	2.874	ng/ul#	88
93) Dibenzo(a,h)anthracene	17.30	278	84453	1.393	ng/ul#	68
94) Benzo(g,h,i)perylene	17.76	276	238948	3.916	ng/ul#	88

JU 9/12/19

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