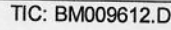


(QT Reviewed)

Quant Time: Apr 07 04:00:39 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM040417-PAH.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Apr 07 03:19:28 2017
Response via : Initial Calibration

Manual Integrations APPROVED

4/7/2017 2:10:38 PM



Quantitation Report (Qedit)

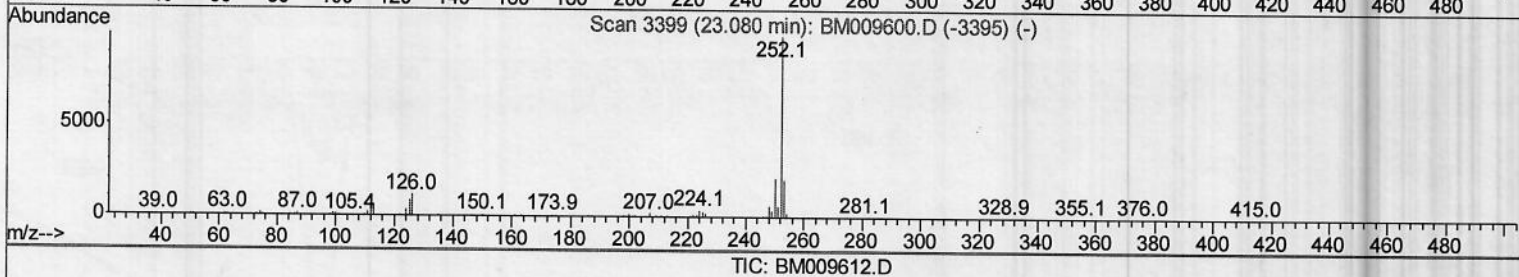
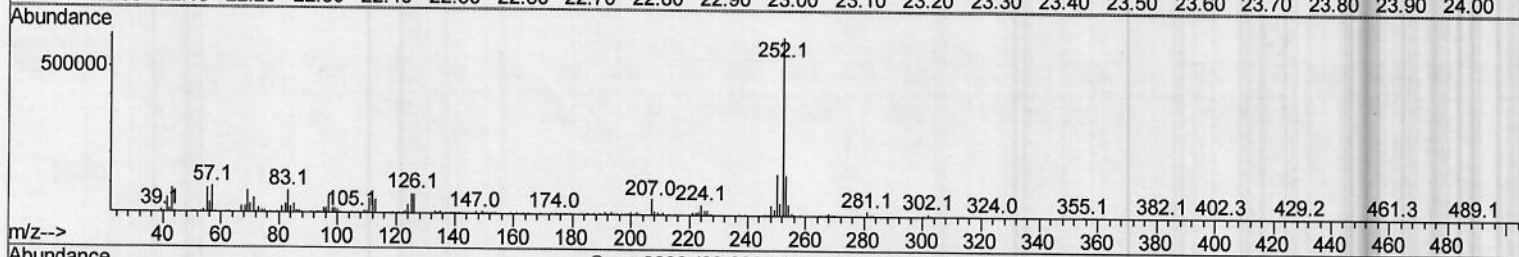
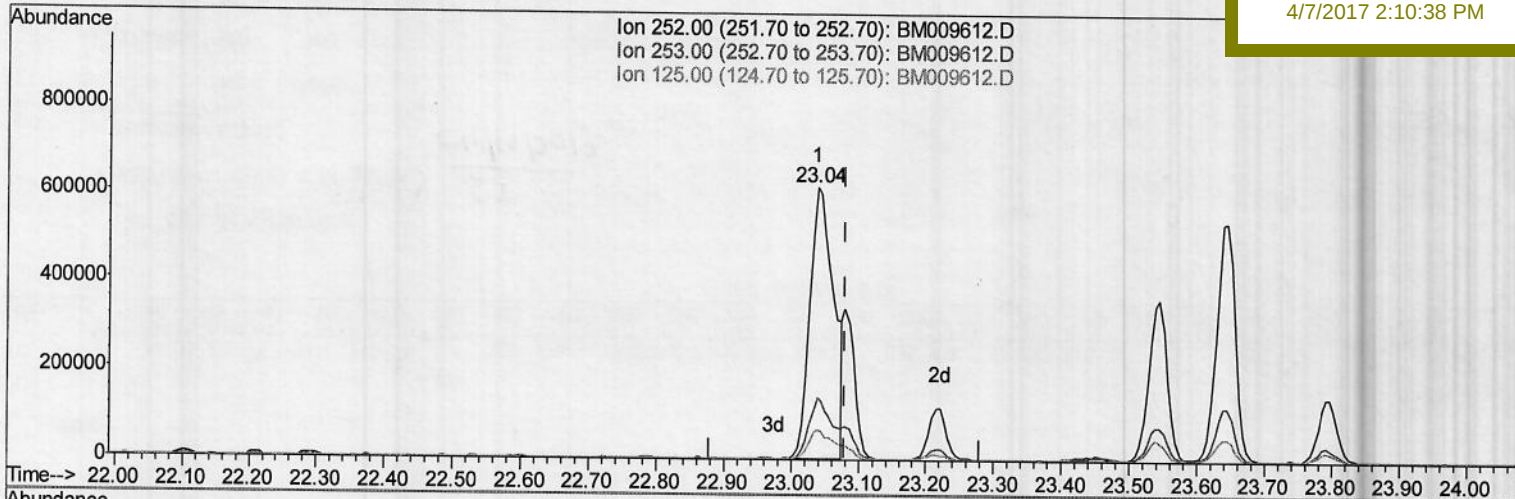
Data Path : Z:\HPCHEM1\BNA M\DATA\BM040717\
 Data File : BM009612.D
 Acq On : 07 Apr 2017 02:12
 Operator : SJ/MA
 Sample : I2525-12
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Quant Time: Apr 07 03:22:49 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM040417-PAH.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Apr 07 03:19:28 2017
 Response via : Initial Calibration

Instrument :
 BNA_M
 ClientSampleId :
 CB355

Manual Integrations
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mohammad
 4/7/2017 2:10:38 PM



(25) Benzo(k)fluoranthene
 23.038min (-0.041) 22.13ng/ul
 response 1505358

Ion	Exp%	Act%
252.00	100	100
253.00	21.80	22.75
125.00	11.00	10.94
0.00	0.00	0.00

Quantitation Report (Qedit)

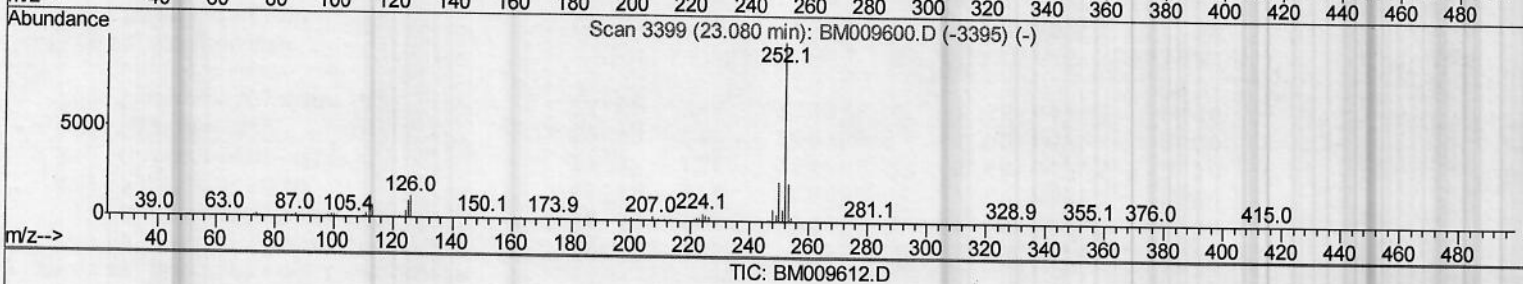
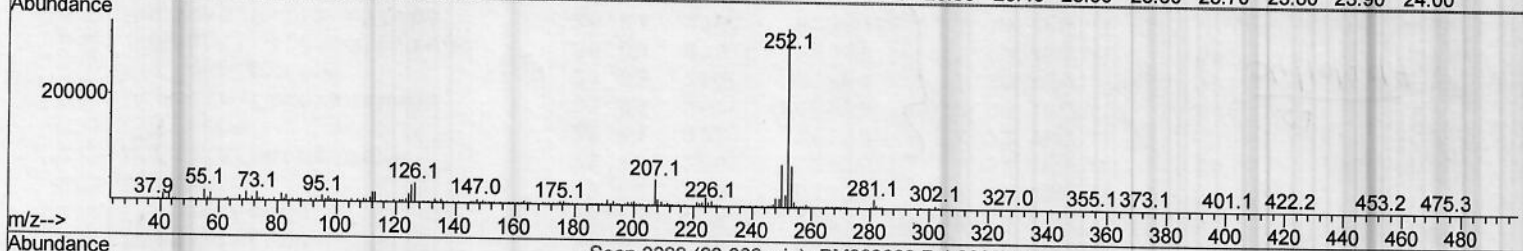
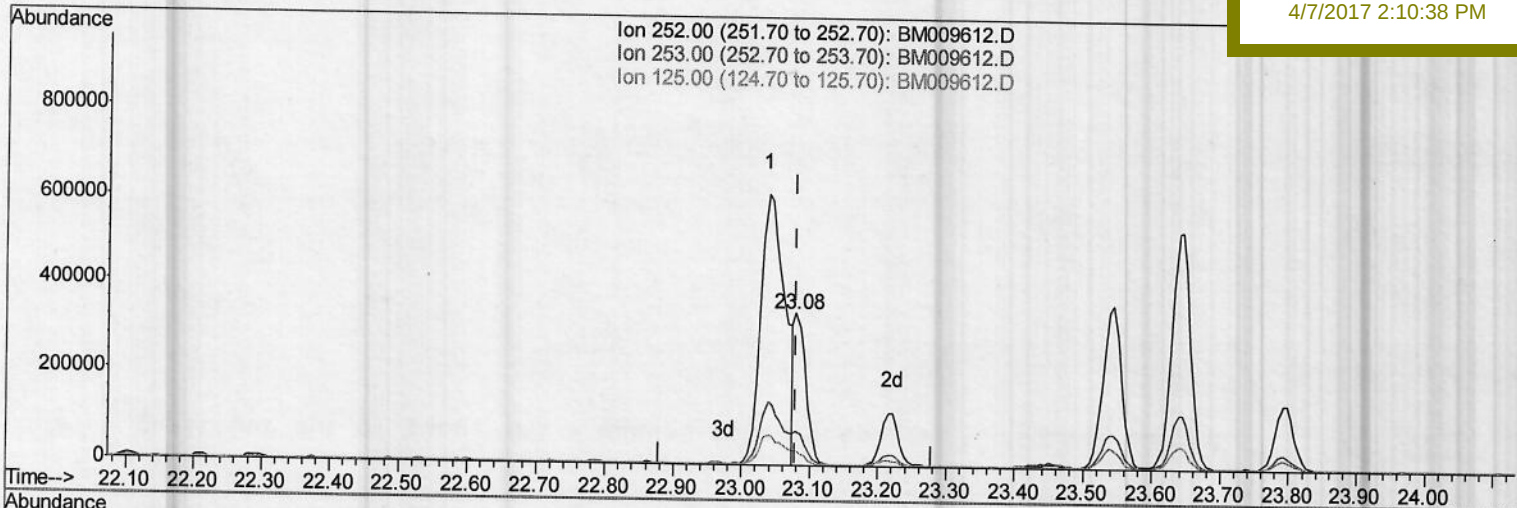
Data Path : Z:\HPCHEM1\BNA M\DATA\BM040717\
 Data File : BM009612.D
 Acq On : 07 Apr 2017 02:12
 Operator : SJ/MA
 Sample : I2525-12
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB355

Manual Integrations
 APPROVED

mohammad
 4/7/2017 2:10:38 PM

Quant Time: Apr 07 03:22:49 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM040417-PAH.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Apr 07 03:19:28 2017
 Response via : Initial Calibration



(25) Benzo(k)fluoranthene

23.080min (-0.000) 5.85ng/ul m

response 398083

Ion	Exp%	Act%
252.00	100	100
253.00	21.80	22.38
125.00	11.00	9.91
0.00	0.00	0.00

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 04/10/2017

Data Path : Z:\HPCHEM1\BNA M\DATA\BM040717\
 Data File : BM009612.D
 Acq On : 07 Apr 2017 02:12
 Operator : SJ/MA
 Sample : I2525-12
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB355

Quant Time: Apr 07 04:00:39 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM040417-PAH.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Apr 07 03:19:28 2017
 Response via : Initial Calibration

Manual Integrations
 APPROVED

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 4/7/2017 2:10:38 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	175577	20.00	ng/ul	0.00
2) Naphthalene-d8	10.64	136	691105	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.49	164	401800	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.24	188	943597	20.00	ng/ul	0.00
18) Chrysene-d12	21.42	240	1194382	20.00	ng/ul	0.00
23) Perylene-d12	23.74	264	1154261	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.26	165	151696	14.28	ng/uL	0.00
7) Acenaphthylene-d8	14.18	160	1009651	25.64	ng/ul	0.00
10) Fluorene-d10	15.48	176	718253	25.36	ng/ul	0.00
15) Anthracene-d10	17.33	188	1146551	25.40	ng/ul	0.00
19) Pyrene-d10	19.63	212	1378300	28.08	ng/ul	0.00
26) Benzo(a)pyrene-d12	23.60	264	1337135	26.24	ng/ul	0.00
Target Compounds						
					Ovalue	
4) Naphthalene	10.69	128	98548	2.78	ng/ul#	95
5) 2-Methylnaphthalene	12.30	142	45650	1.77	ng/ul	94
8) Acenaphthylene	14.21	152	52381	1.33	ng/ul	95
9) Acenaphthene	14.55	153	87582	3.22	ng/ul	93
11) Fluorene	15.53	166	88428	2.66	ng/ul	95
14) Phenanthrene	17.28	178	1503561	28.34	ng/ul	98
16) Anthracene	17.37	178	337934	6.16	ng/ul	97
17) Fluoranthene	19.30	202	2428225	36.75	ng/ul	95
20) Pyrene	19.66	202	2158733	33.19	ng/ul	94
21) Benzo(a)anthracene	21.40	228	1143010	16.93	ng/ul	99
22) Chrysene	21.46	228	1076365	17.39	ng/ul	97
24) Benzo(b)fluoranthene	23.04	252	1505358	21.09	ng/ul	99
25) Benzo(k)fluoranthene	23.08	252	398083m	5.85	ng/ul	95
27) Benzo(a)pyrene	23.64	252	1005231	14.81	ng/ul	96
28) Indeno(1,2,3-cd)pyrene	26.10	276	659250	8.66	ng/ul	95
29) Dibenzo(a,h)anthracene	26.11	278	171368	2.65	ng/ul	100
30) Benzo(g,h,i)perylene	26.84	276	631384	10.06	ng/ul#	92

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

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 04/10/2017