

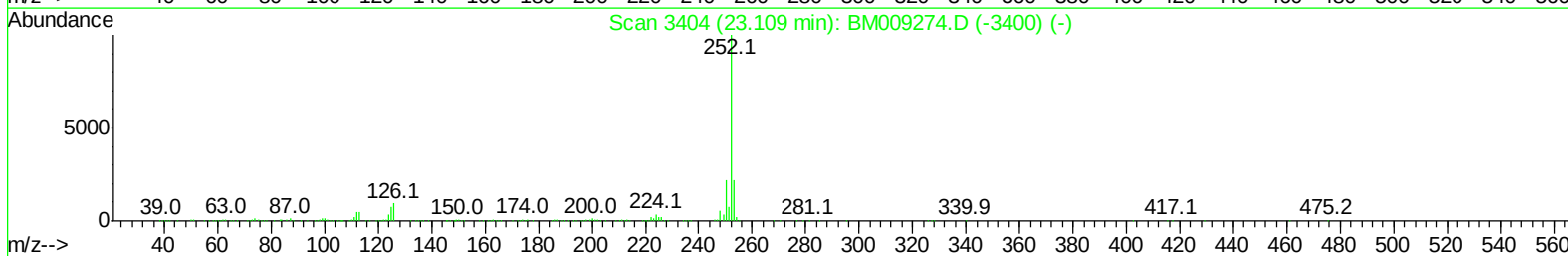
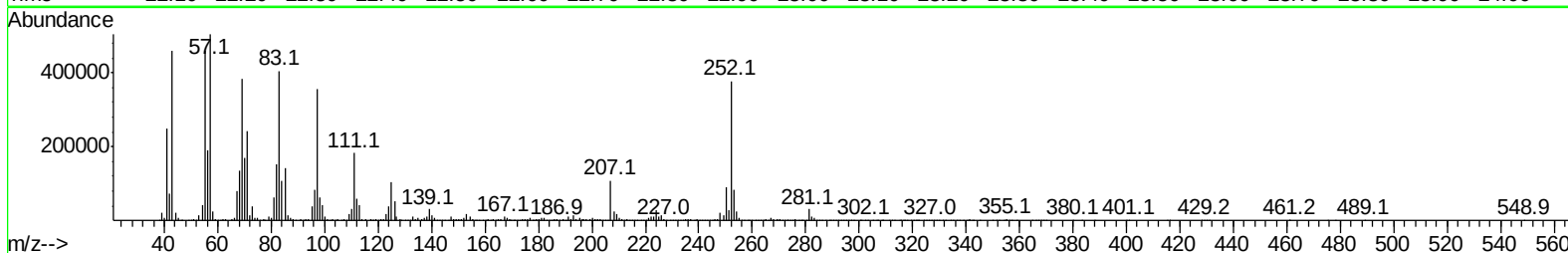
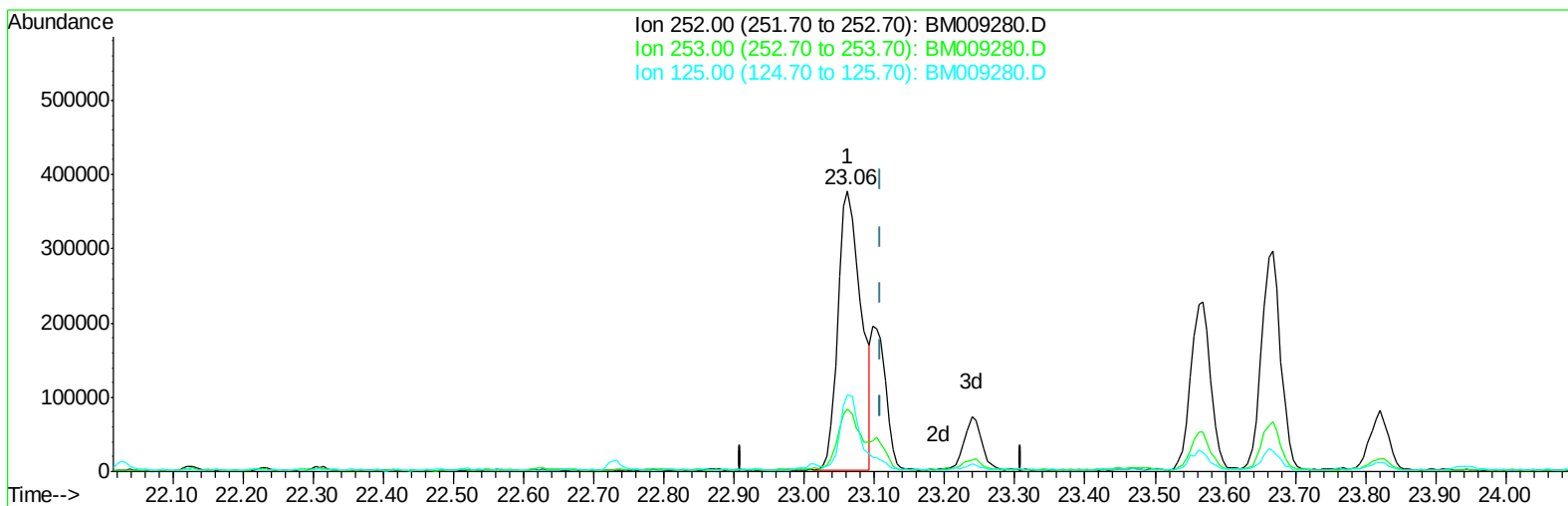
Data Path : Z:\HPCHEM1\BNA M\DATA\BM031717\
Data File : BM009280.D
Acq On : 17 Mar 2017 18:49
Operator : SJ/MA
Sample : I2285-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
CB318

Manual Integrations
APPROVED

mohammad
3/20/2017 12:08:49 PM

Quant Time: Mar 18 00:40:48 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM031717-PAH.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Mar 18 00:39:50 2017
Response via : Initial Calibration



TIC: BM009280.D

(25) Benzo(k)fluoranthene

23.062min (-0.047) 10.65ng/ul

response 852683

Ion	Exp%	Act%
252.00	100	100
253.00	21.80	22.24
125.00	11.00	27.47#
0.00	0.00	0.00

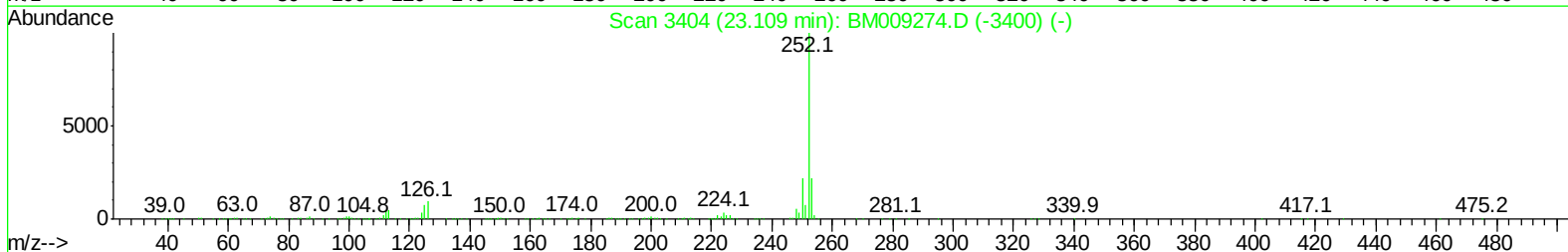
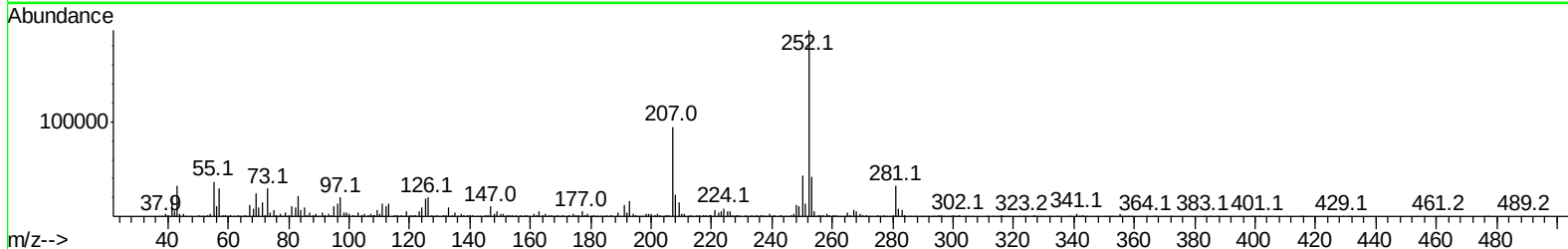
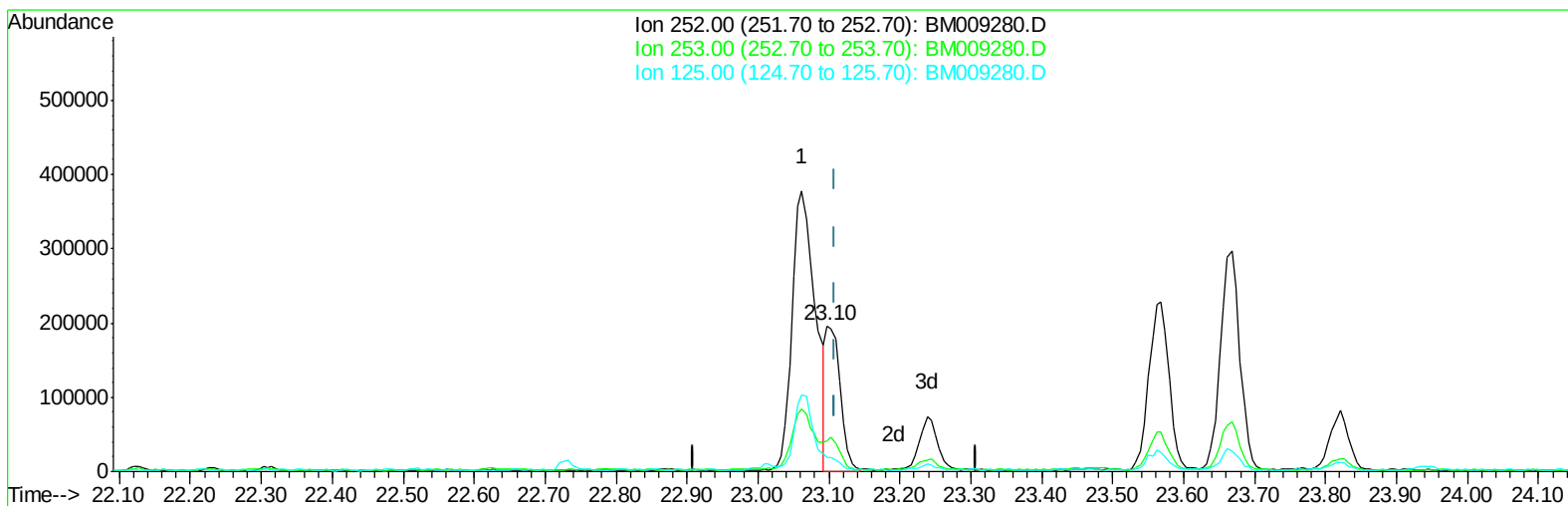
Data Path : Z:\HPCHEM1\BNA M\DATA\BM031717\
Data File : BM009280.D
Acq On : 17 Mar 2017 18:49
Operator : SJ/MA
Sample : I2285-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
CB318

Manual Integrations
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3/20/2017 12:08:49 PM

Quant Time: Mar 18 00:40:48 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM031717-PAH.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Mar 18 00:39:50 2017
Response via : Initial Calibration



TIC: BM009280.D

(25) Benzo(k)fluoranthene

23.097min (-0.012) 3.54ng/ul m

response 283135

Ion	Exp%	Act%
252.00	100	100
253.00	21.80	21.17
125.00	11.00	9.69
0.00	0.00	0.00

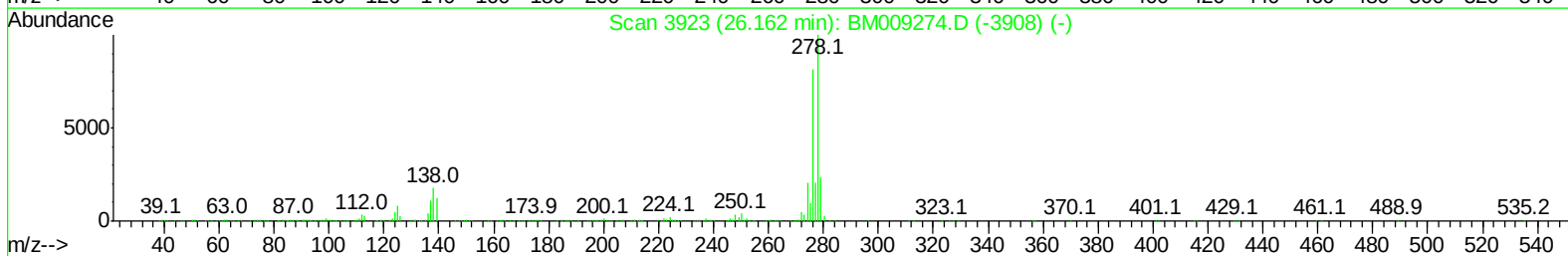
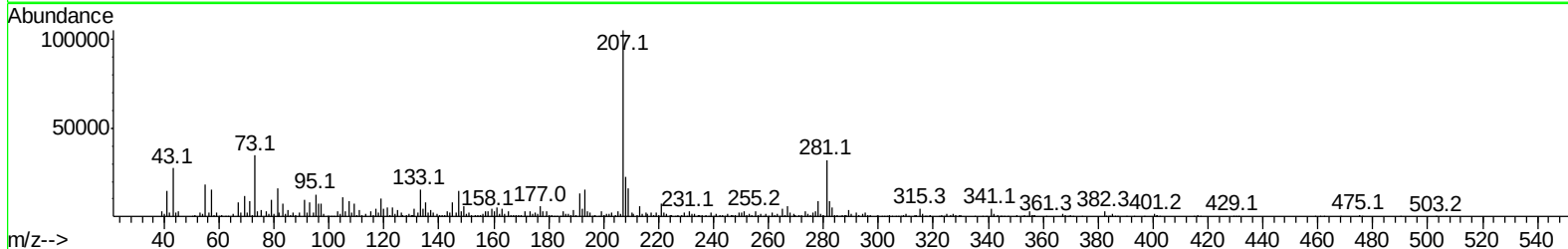
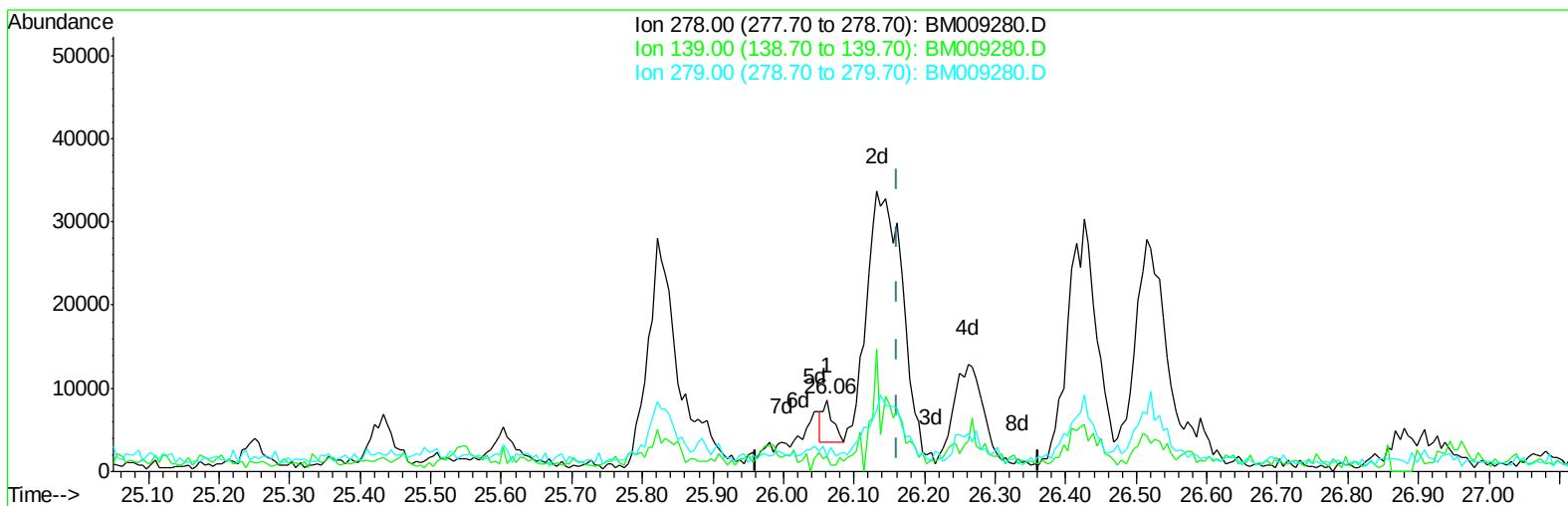
Data Path : Z:\HPCHEM1\BNA M\DATA\BM031717\
Data File : BM009280.D
Acq On : 17 Mar 2017 18:49
Operator : SJ/MA
Sample : I2285-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
CB318

Manual Integrations
APPROVED

mohammad
3/20/2017 12:08:49 PM

Quant Time: Mar 18 00:57:45 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM031717-PAH.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Mar 18 00:39:50 2017
Response via : Initial Calibration



TIC: BM009280.D

(29) Dibenzo(a,h)anthracene

26.062min (-0.100) 0.06ng/ul

response 5101

Ion	Exp%	Act%
278.00	100	100
139.00	17.50	20.90
279.00	25.80	22.32
0.00	0.00	0.00

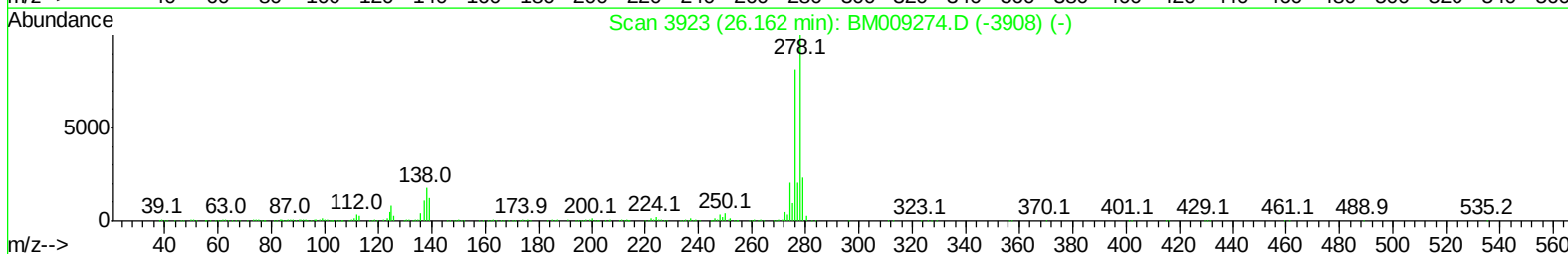
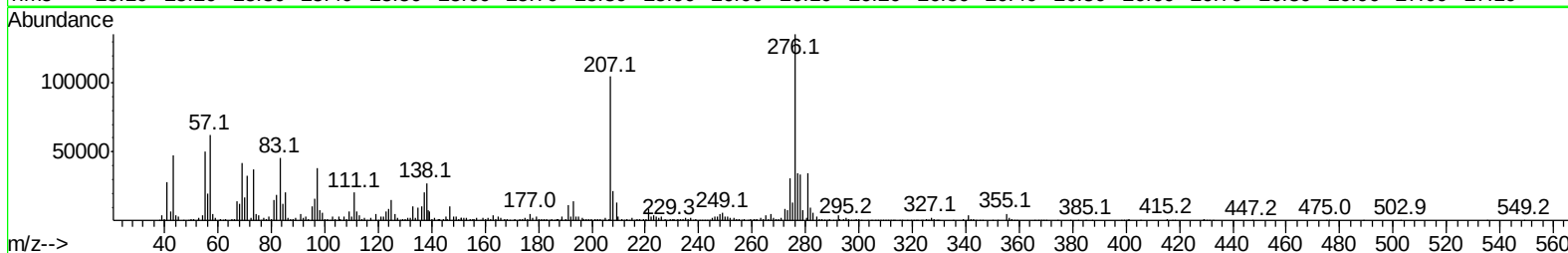
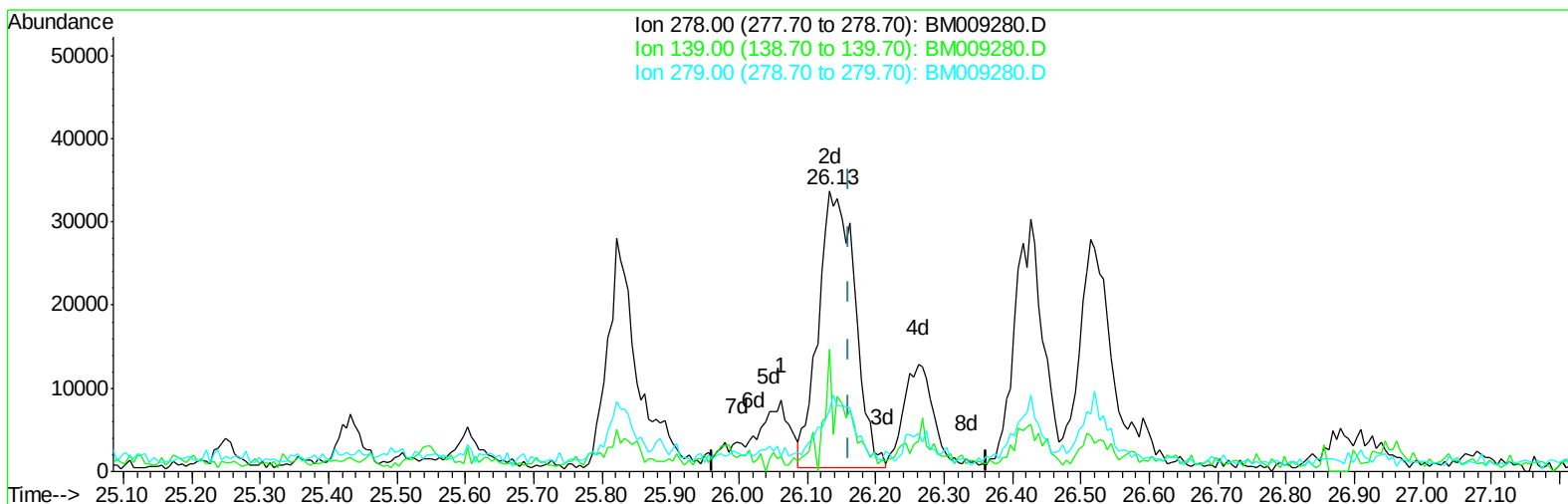
Data Path : Z:\HPCHEM1\BNA M\DATA\BM031717\
Data File : BM009280.D
Acq On : 17 Mar 2017 18:49
Operator : SJ/MA
Sample : I2285-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
CB318

Manual Integrations
APPROVED

mohammad
3/20/2017 12:08:49 PM

Quant Time: Mar 18 00:57:45 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM031717-PAH.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Mar 18 00:39:50 2017
Response via : Initial Calibration



TIC: BM009280.D

(29) Dibenzo(a,h)anthracene

26.132min (-0.030) 1.51ng/ul m

response 123733

Ion	Exp%	Act%
278.00	100	100
139.00	17.50	22.99#
279.00	25.80	21.99
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA M\DATA\BM031717\
 Data File : BM009280.D
 Acq On : 17 Mar 2017 18:49
 Operator : SJ/MA
 Sample : I2285-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB318

Manual Integrations
 APPROVED

mohammad
 3/20/2017 12:08:49 PM

Quant Time: Mar 18 00:58:25 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM031717-PAH.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Mar 18 00:39:50 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.87	152	100381	20.00	ng/ul	0.00
2) Naphthalene-d8	10.67	136	469790	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.52	164	326341	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.26	188	872974	20.00	ng/ul	0.00
18) Chrysene-d12	21.43	240	1385391	20.00	ng/ul	0.00
23) Perylene-d12	23.77	264	1441583	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.29	165	25433	3.34	ng/uL	0.00
7) Acenaphthylene-d8	14.21	160	476471	17.22	ng/ul	0.00
10) Fluorene-d10	15.51	176	398153	16.42	ng/ul	0.00
15) Anthracene-d10	17.36	188	684533	16.50	ng/ul	0.00
19) Pyrene-d10	19.65	212	902315	16.25	ng/ul	0.00
26) Benzo(a)pyrene-d12	23.62	264	1043639	15.92	ng/ul	0.00
Target Compounds				Qvalue		
8) Acenaphthylene	14.24	152	47508	1.70	ng/ul#	88
14) Phenanthrene	17.30	178	241928	4.92	ng/ul	96
16) Anthracene	17.39	178	62031	1.22	ng/ul	96
17) Fluoranthene	19.32	202	638380	10.25	ng/ul	95
20) Pyrene	19.68	202	641390	8.97	ng/ul#	92
21) Benzo(a)anthracene	21.42	228	469262	5.95	ng/ul	97
22) Chrysene	21.47	228	473640	6.36	ng/ul	97
24) Benzo(b)fluoranthene	23.06	252	852683	10.05	ng/ul#	86
25) Benzo(k)fluoranthene	23.10	252	283135m	3.54	ng/ul	
27) Benzo(a)pyrene	23.67	252	563675	6.90	ng/ul	97
28) Indeno(1,2,3-cd)pyrene	26.14	276	439102	4.53	ng/ul#	92
29) Dibenzo(a,h)anthracene	26.13	278	123733m	1.51	ng/ul	
30) Benzo(a,h,i)perylene	26.87	276	379386	4.70	ng/ul#	92

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

