

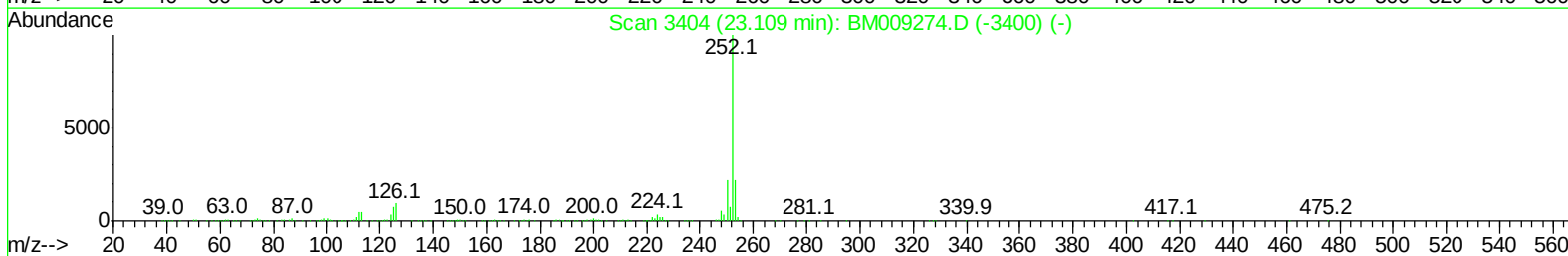
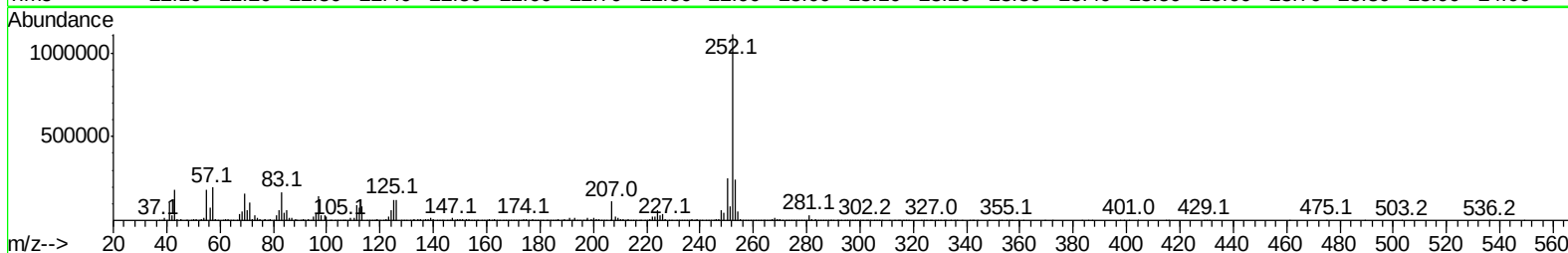
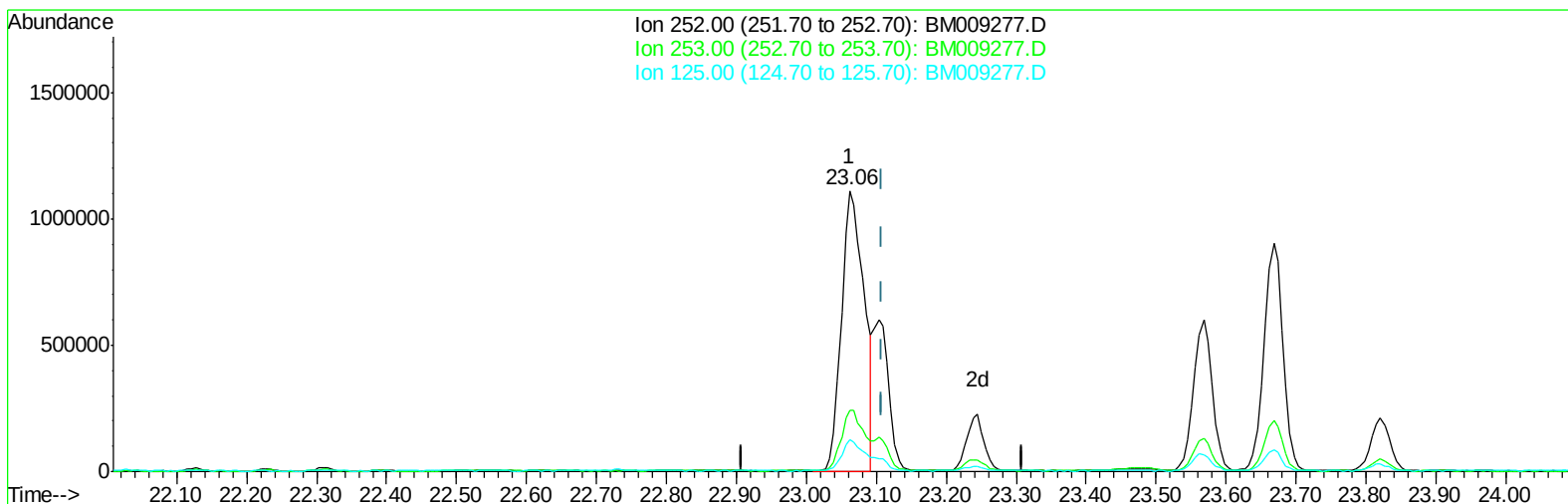
Data Path : Z:\HPCHEM1\BNA M\DATA\BM031717\
Data File : BM009277.D
Acq On : 17 Mar 2017 17:01
Operator : SJ/MA
Sample : I2218-19
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
CB2Z8

Manual Integrations
APPROVED

mohammad
3/20/2017 12:08:41 PM

Quant Time: Mar 18 00:40:12 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: BM009277.D

(25) Benzo(k)fluoranthene

23.062min (-0.047) 28.58ng/ul

response 2514545

Ion	Exp%	Act%
252.00	100	100
253.00	21.80	21.71
125.00	11.00	11.33
0.00	0.00	0.00

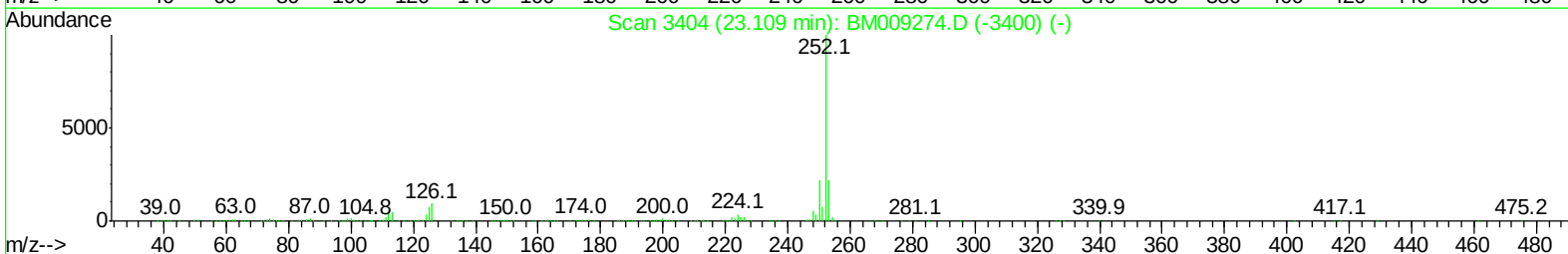
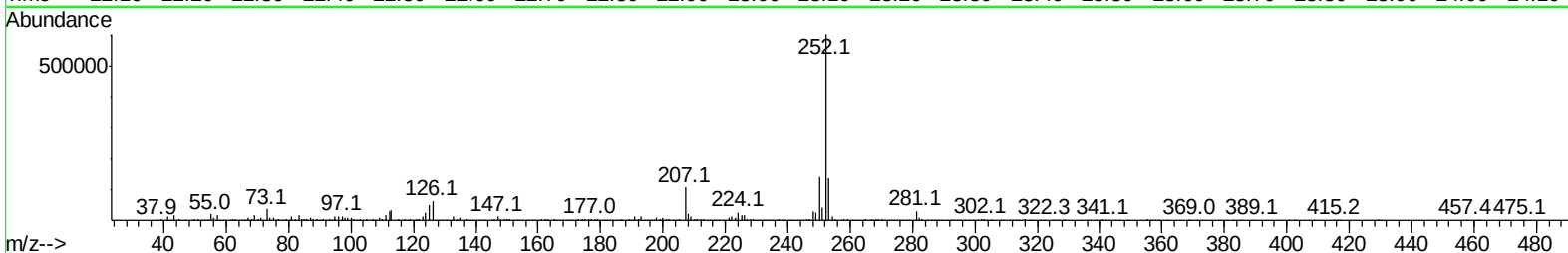
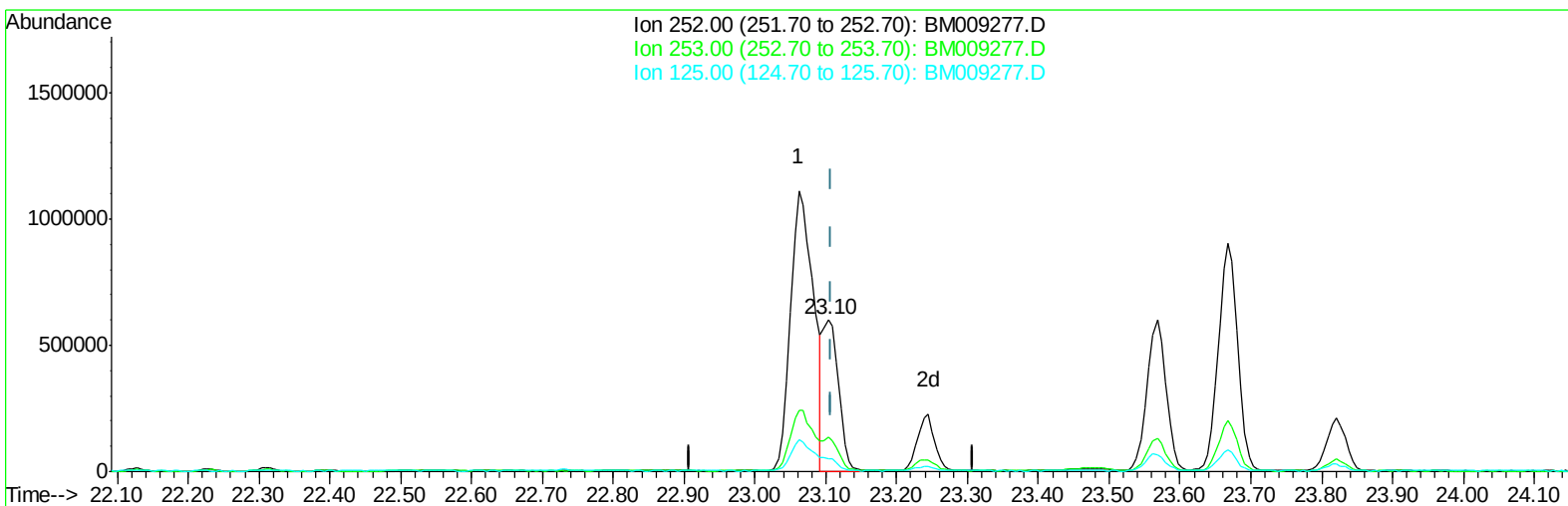
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TIC: BM009277.D

(25) Benzo(k)fluoranthene

23.103min (-0.006) 10.45ng/ul m

response 919167

Ion	Exp%	Act%
252.00	100	100
253.00	21.80	22.78
125.00	11.00	8.09#
0.00	0.00	0.00

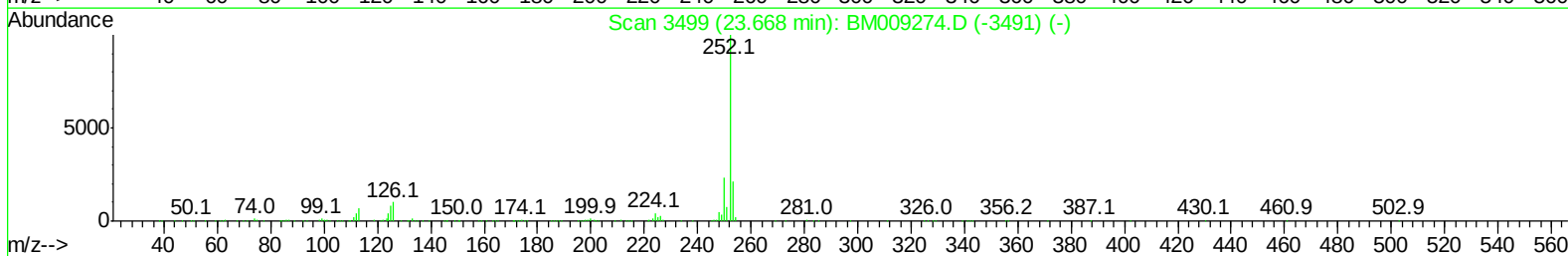
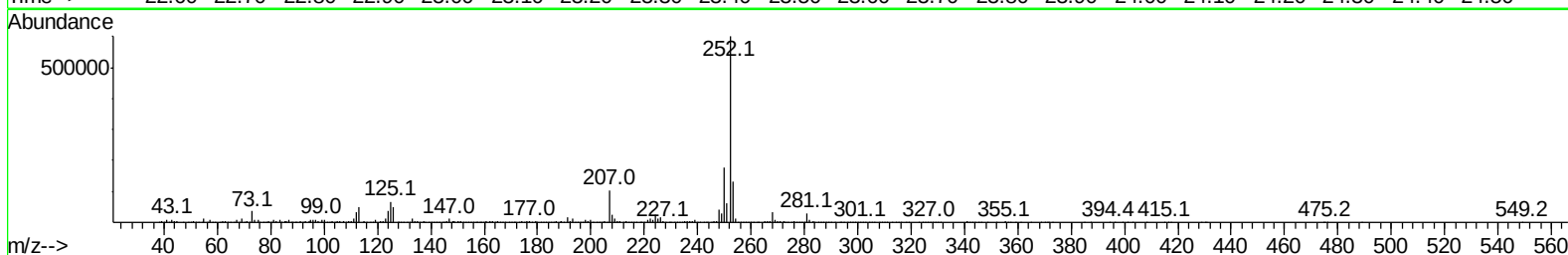
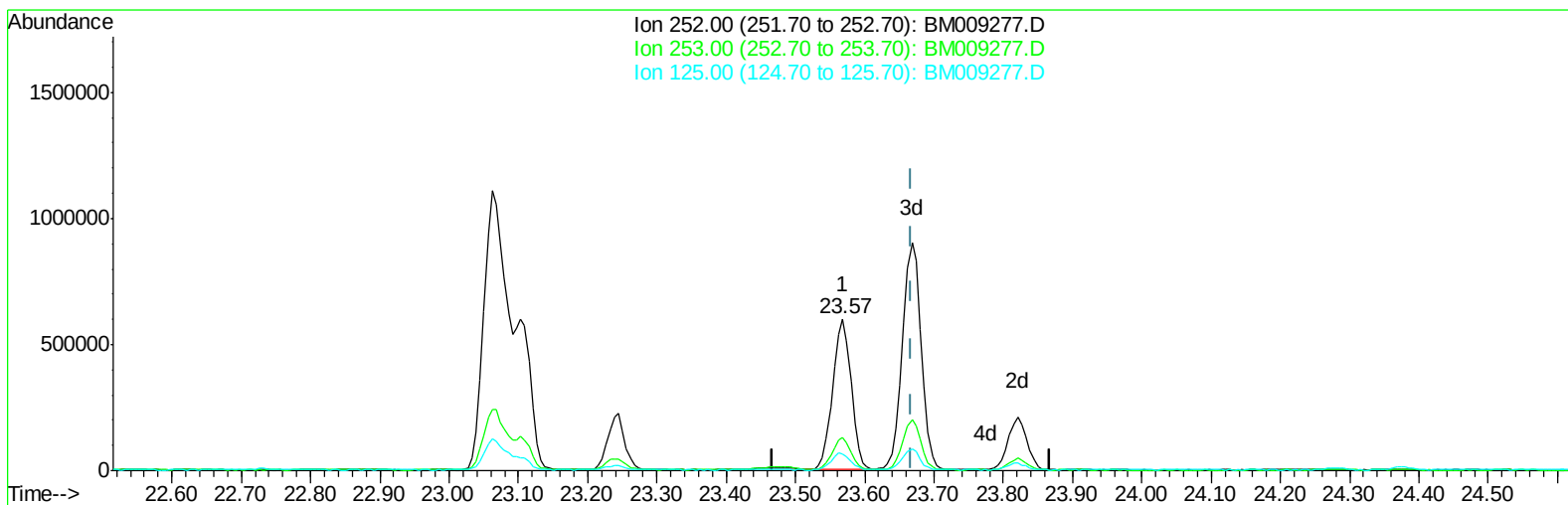
Data Path : Z:\HPCHEM1\BNA M\DATA\BM031717\
Data File : BM009277.D
Acq On : 17 Mar 2017 17:01
Operator : SJ/MA
Sample : I2218-19
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
CB2Z8

Manual Integrations
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mohammad
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Quant Time: Mar 18 00:40:12 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM031717-PAH.M
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Response via : Initial Calibration



TIC: BM009277.D

(27) Benzo(a)pyrene (C)

23.568min (-0.100) 12.37ng/ul

response 1110288

Ion	Exp%	Act%
252.00	100	100
253.00	21.40	21.65
125.00	11.80	11.16
0.00	0.00	0.00

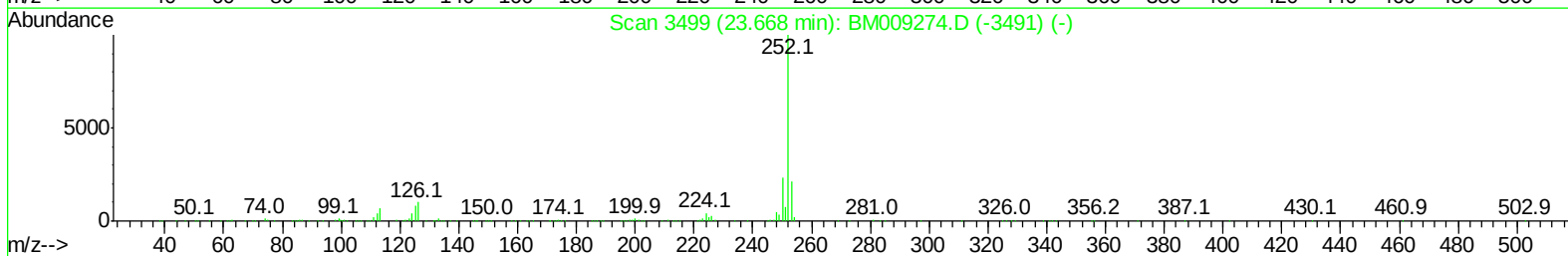
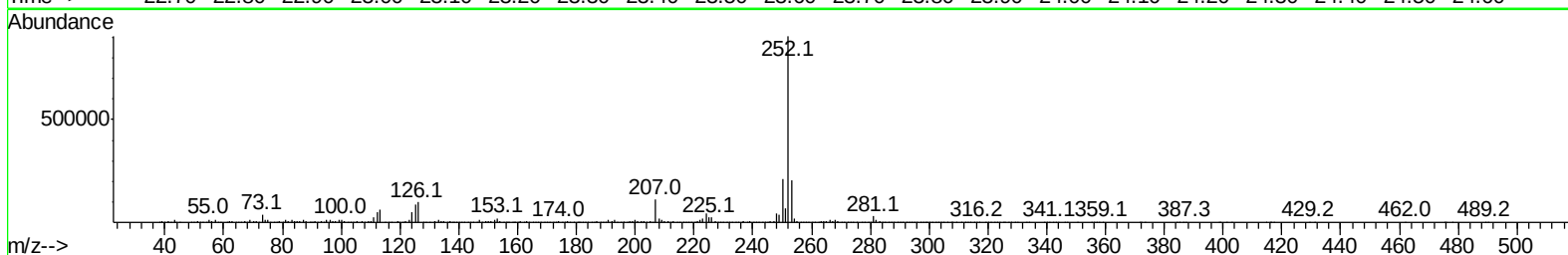
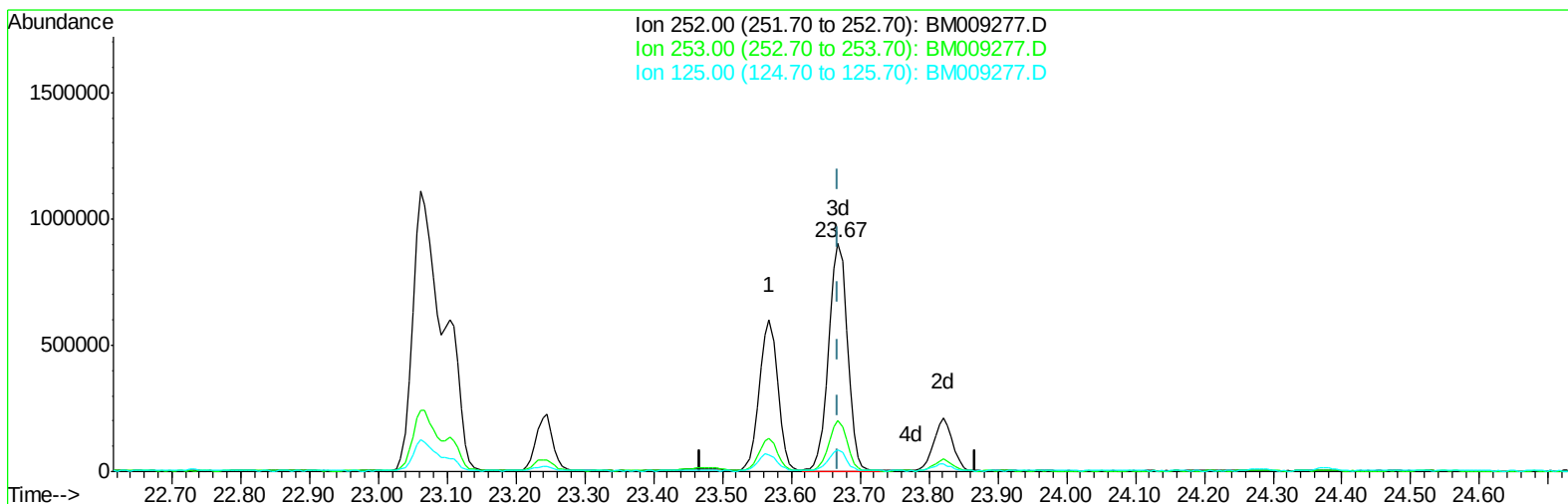
Data Path : Z:\HPCHEM1\BNA M\DATA\BM031717\
Data File : BM009277.D
Acq On : 17 Mar 2017 17:01
Operator : SJ/MA
Sample : I2218-19
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Manual Integrations
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mohammad
3/20/2017 12:08:41 PM

Quant Time: Mar 18 00:40:12 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM031717-PAH.M
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Response via : Initial Calibration



TIC: BM009277.D

(27) Benzo(a)pyrene (C)

23.668min (+0.000) 19.27ng/ul m

response 1729063

Ion	Exp%	Act%
252.00	100	100
253.00	21.40	22.57
125.00	11.80	9.31#
0.00	0.00	0.00

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 Sample : I2218-19
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB2Z8

Manual Integrations
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 3/20/2017 12:08:41 PM

Quant Time: Mar 18 00:53:38 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	111660	20.00	ng/ul	0.00
2) Naphthalene-d8	10.67	136	524785	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.52	164	371260	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.26	188	1016702	20.00	ng/ul	0.00
18) Chrysene-d12	21.43	240	1549792	20.00	ng/ul	0.00
23) Perylene-d12	23.77	264	1584638	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.29	165	28559	3.35	ng/uL	0.00
7) Acenaphthylene-d8	14.21	160	641017	20.37	ng/ul	0.00
10) Fluorene-d10	15.50	176	550833	19.96	ng/ul	0.00
15) Anthracene-d10	17.36	188	932248	19.30	ng/ul	0.00
19) Pyrene-d10	19.65	212	1198369	19.29	ng/ul	0.00
26) Benzo(a)pyrene-d12	23.62	264	1307684	18.15	ng/ul	0.00
Target Compounds				Qvalue		
4) Naphthalene	10.72	128	68342	2.56	ng/ul#	95
5) 2-Methylnaphthalene	12.33	142	30688	1.44	ng/ul	88
8) Acenaphthylene	14.24	152	39433	1.24	ng/ul#	90
9) Acenaphthene	14.58	153	93511	4.05	ng/ul	97
11) Fluorene	15.56	166	120712	3.81	ng/ul	97
14) Phenanthrene	17.30	178	1988927	34.74	ng/ul	97
16) Anthracene	17.39	178	471543	7.94	ng/ul	98
17) Fluoranthene	19.32	202	3721555	51.29	ng/ul	95
20) Pyrene	19.68	202	3147672	39.36	ng/ul#	93
21) Benzo(a)anthracene	21.42	228	1984324	22.49	ng/ul	99
22) Chrysene	21.47	228	1793401	21.52	ng/ul	97
24) Benzo(b)fluoranthene	23.06	252	2514545	26.96	ng/ul	99
25) Benzo(k)fluoranthene	23.10	252	919167m	10.45	ng/ul	
27) Benzo(a)pyrene	23.67	252	1729063m	19.27	ng/ul	
28) Indeno(1,2,3-cd)pyrene	26.14	276	1196281	11.23	ng/ul#	94
29) Dibenzo(a,h)anthracene	26.15	278	328280	3.65	ng/ul	94
30) Benzo(a,h,i)perylene	26.88	276	921398	10.39	ng/ul#	92

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

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Misc :
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Instrument :
BNA_M
ClientSampled :
CB2Z8

Manual Integrations
APPROVED

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3/20/2017 12:08:41 PM

Quant Time: Mar 18 00:53:38 2017
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