

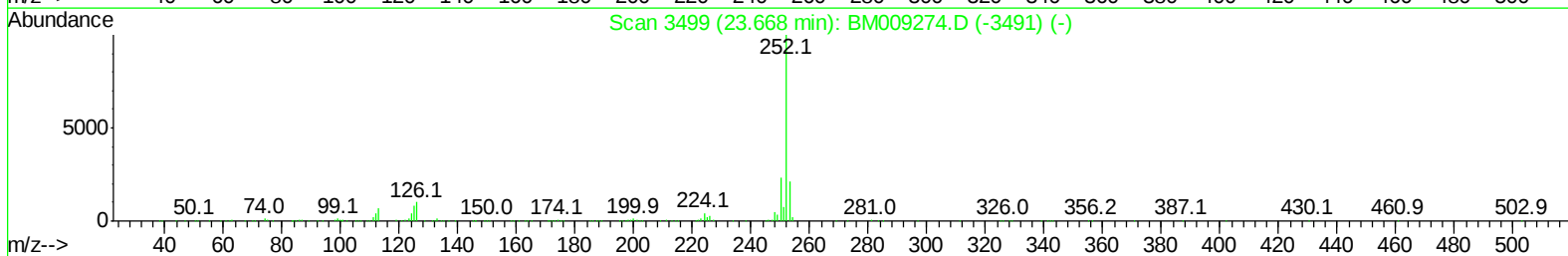
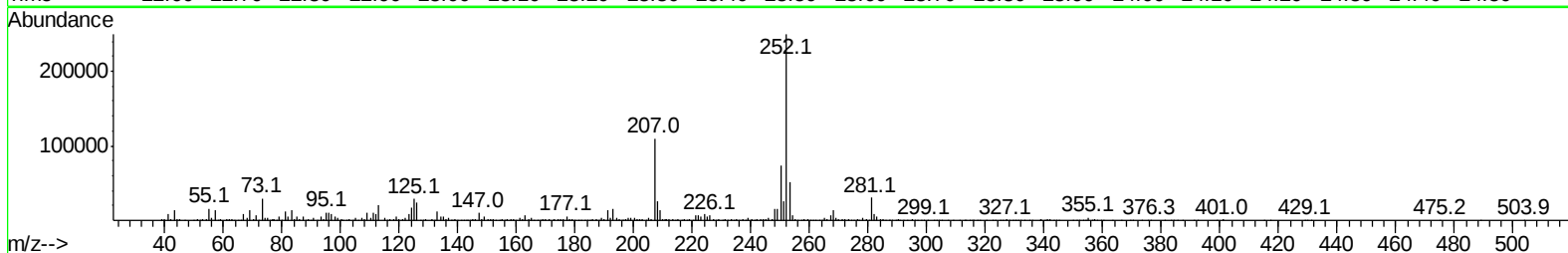
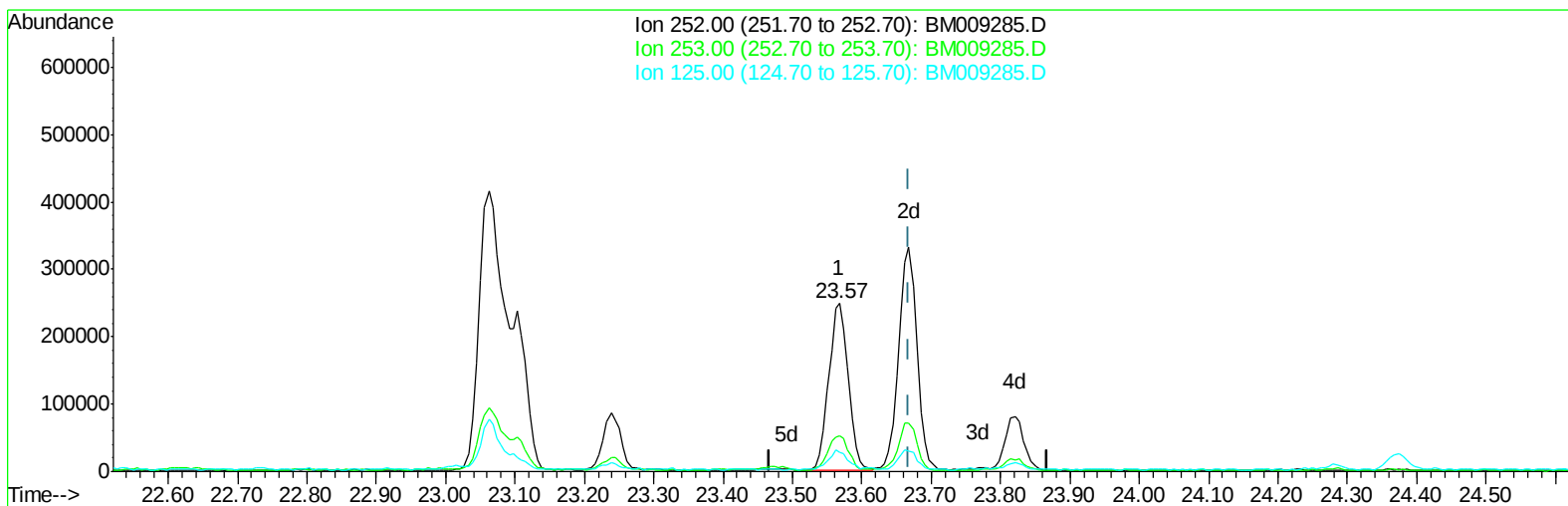
Data Path : Z:\HPCHEM1\BNA M\DATA\BM031717\
Data File : BM009285.D
Acq On : 17 Mar 2017 21:48
Operator : SJ/MA
Sample : I2285-07
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
CB386

Manual Integrations
APPROVED

mohammad
3/20/2017 12:09:12 PM

Quant Time: Mar 18 00:41:51 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: BM009285.D

(27) Benzo(a)pyrene (C)

23.568min (-0.100) 5.19ng/ul

response 483739

Ion	Exp%	Act%
252.00	100	100
253.00	21.40	21.01
125.00	11.80	11.51
0.00	0.00	0.00

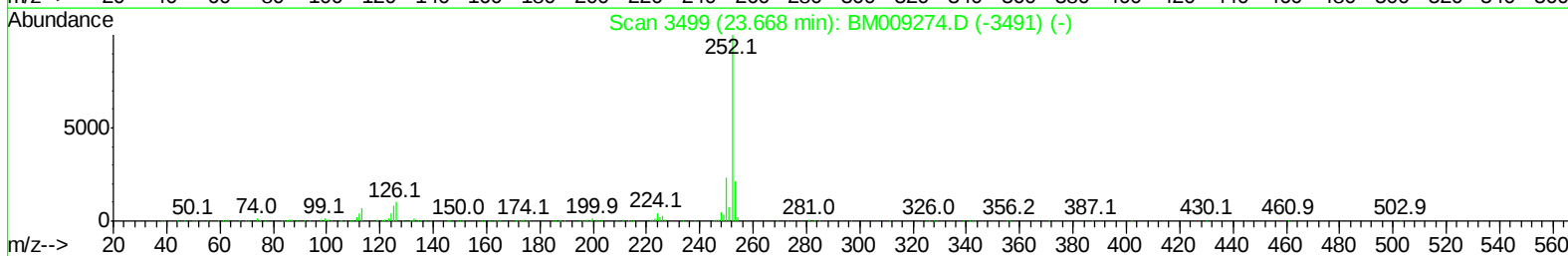
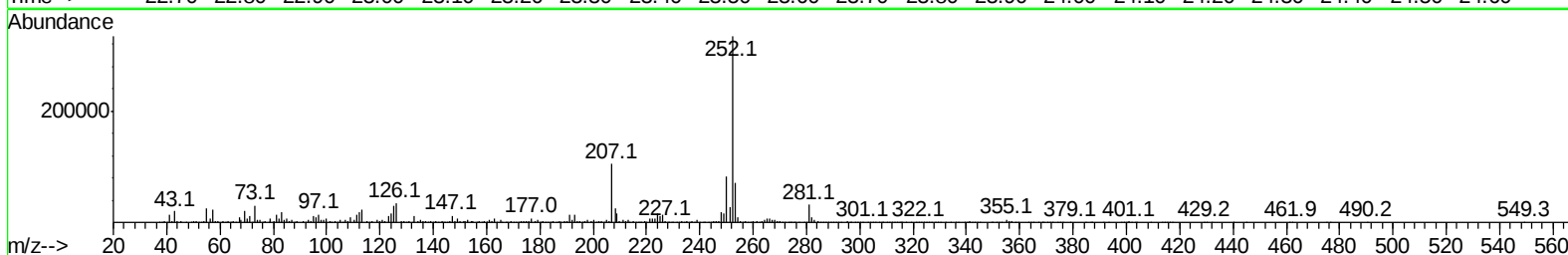
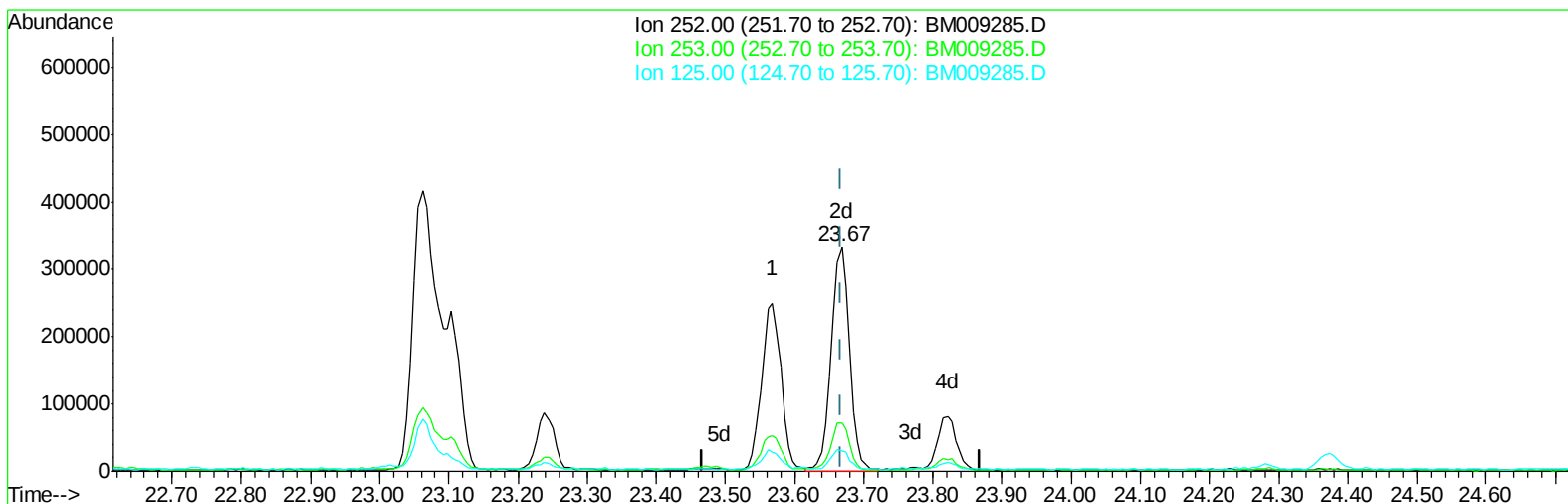
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TIC: BM009285.D

(27) Benzo(a)pyrene (C)

23.668min (-0.000) 6.67ng/ul m

response 621698

Ion	Exp%	Act%
252.00	100	100
253.00	21.40	21.51
125.00	11.80	9.35#
0.00	0.00	0.00

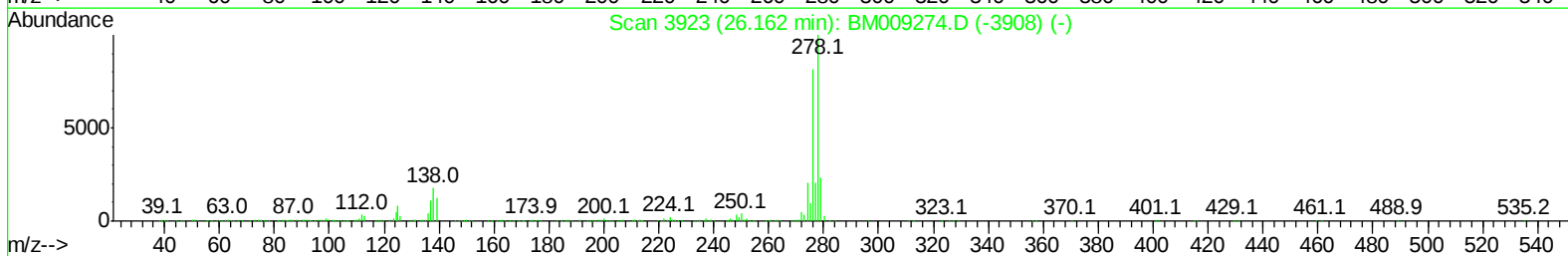
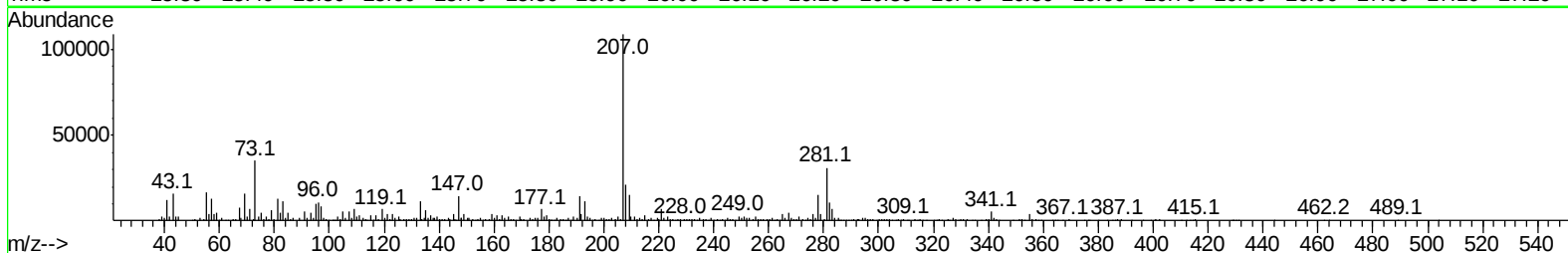
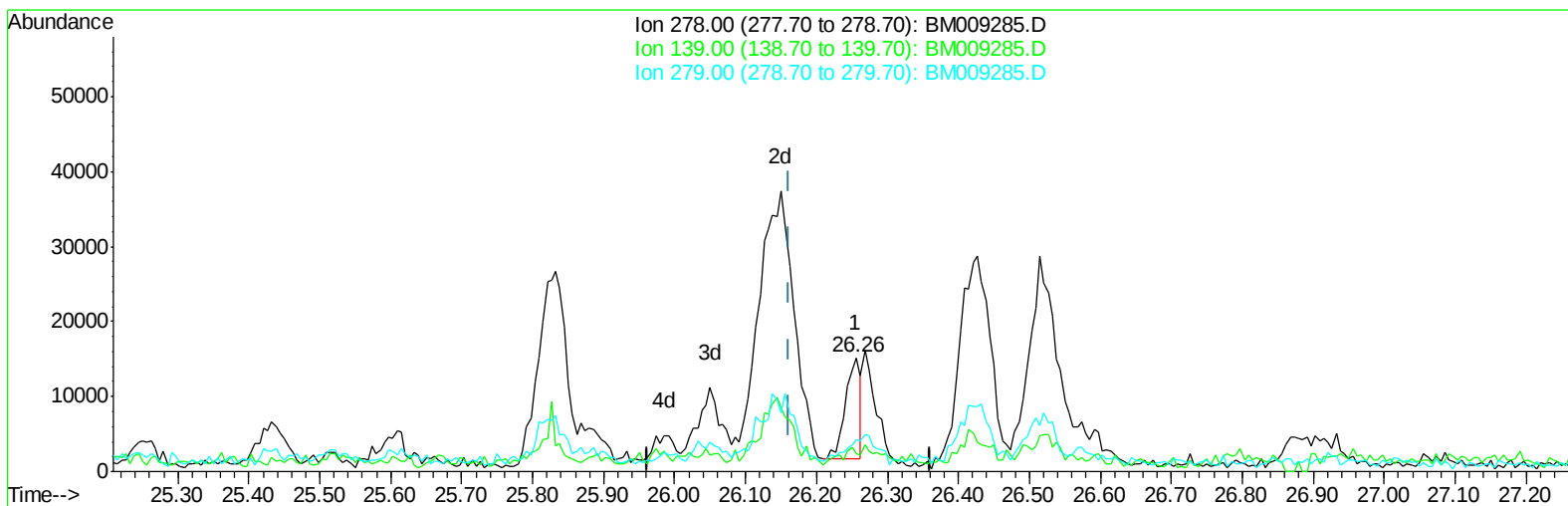
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Instrument :
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ClientSampleId :
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Manual Integrations
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mohammad
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Quant Time: Mar 18 01:06:15 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: BM009285.D

(29) Dibenzo(a,h)anthracene

26.256min (+0.094) 0.22ng/ul

response 20240

Ion	Exp%	Act%
278.00	100	100
139.00	17.50	15.57
279.00	25.80	27.54
0.00	0.00	0.00

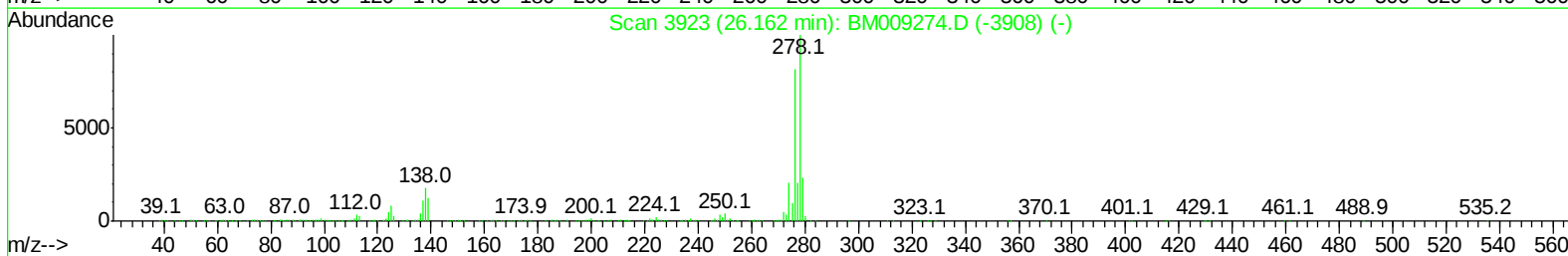
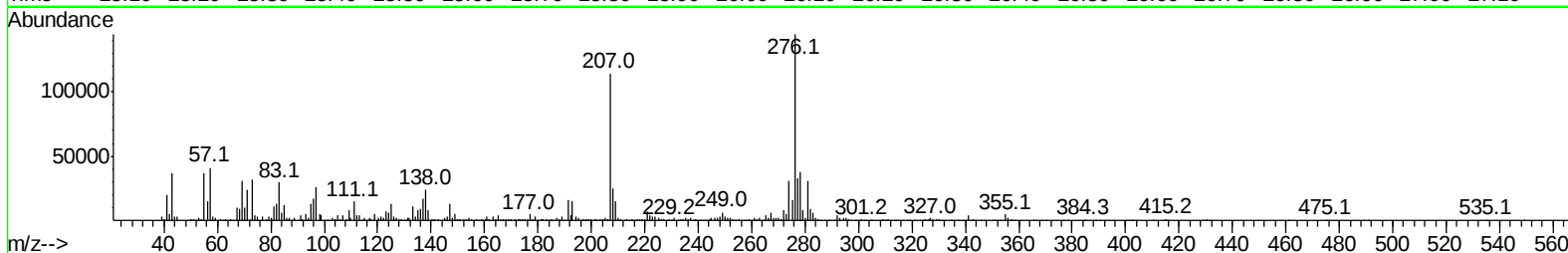
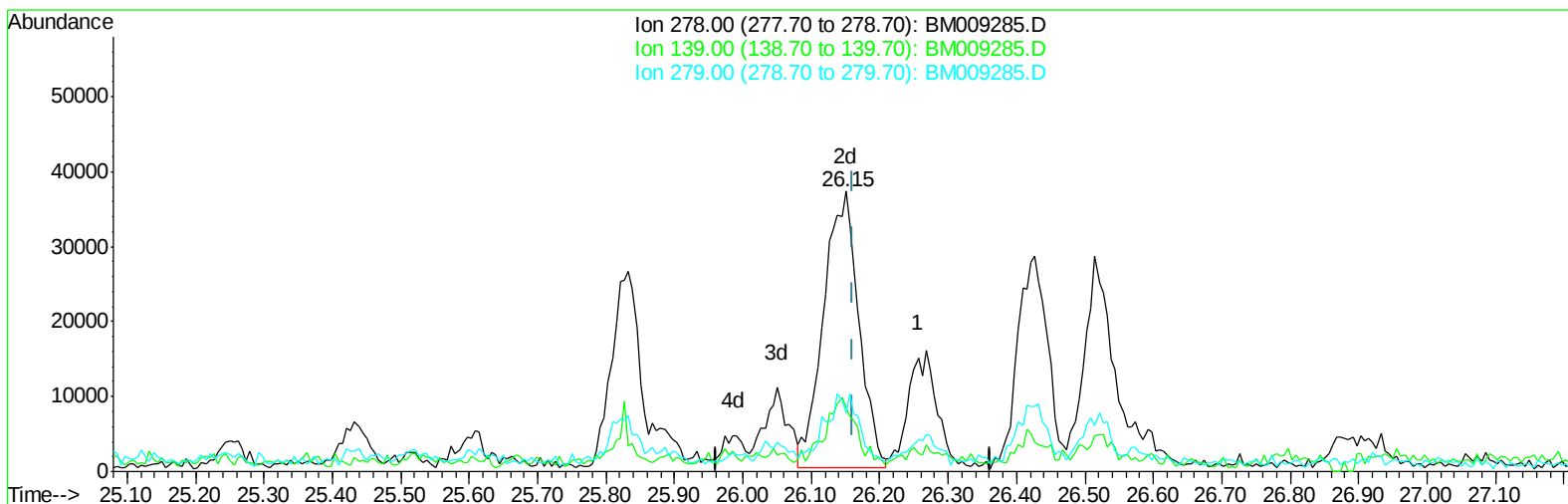
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Data File : BM009285.D
Acq On : 17 Mar 2017 21:48
Operator : SJ/MA
Sample : I2285-07
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Manual Integrations
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Quant Time: Mar 18 01:06:15 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM031717-PAH.M
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Response via : Initial Calibration



TIC: BM009285.D

(29) Dibenzo(a,h)anthracene

26.150min (-0.012) 1.41ng/ul m

response 131879

Ion	Exp%	Act%
278.00	100	100
139.00	17.50	22.86#
279.00	25.80	20.93
0.00	0.00	0.00

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 Operator : SJ/MA
 Sample : I2285-07
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
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 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	122817	20.00	ng/ul	0.00
2) Naphthalene-d8	10.67	136	562765	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.52	164	394573	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.26	188	1046394	20.00	ng/ul	0.00
18) Chrysene-d12	21.43	240	1586593	20.00	ng/ul	0.00
23) Perylene-d12	23.77	264	1646467	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.29	165	112515	12.32	ng/uL	0.00
7) Acenaphthylene-d8	14.21	160	560726	16.76	ng/ul	0.00
10) Fluorene-d10	15.51	176	629375	21.46	ng/ul	0.00
15) Anthracene-d10	17.36	188	847153	17.04	ng/ul	0.00
19) Pyrene-d10	19.65	212	1406272	22.11	ng/ul	0.00
26) Benzo(a)pyrene-d12	23.62	264	1538530	20.55	ng/ul	0.00
Target Compounds				Qvalue		
4) Naphthalene	10.72	128	28857	1.01	ng/ul	98
8) Acenaphthylene	14.23	152	42437	1.25	ng/ul#	89
14) Phenanthrene	17.30	178	397856	6.75	ng/ul	95
16) Anthracene	17.39	178	81927	1.34	ng/ul	96
17) Fluoranthene	19.32	202	1056095	14.14	ng/ul#	95
20) Pyrene	19.68	202	931092	11.37	ng/ul#	94
21) Benzo(a)anthracene	21.42	228	643349	7.12	ng/ul	99
22) Chrysene	21.47	228	628953	7.37	ng/ul	94
24) Benzo(b)fluoranthene	23.06	252	986156	10.18	ng/ul#	93
25) Benzo(k)fluoranthene	23.10	252	338450	3.70	ng/ul	98
27) Benzo(a)pyrene	23.67	252	621698m	6.67	ng/ul	
28) Indeno(1,2,3-cd)pyrene	26.14	276	430846	3.89	ng/ul	95
29) Dibenzo(a,h)anthracene	26.15	278	131879m	1.41	ng/ul	
30) Benzo(a,h,i)perylene	26.87	276	380153	4.13	ng/ul#	93

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

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