Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM102418\

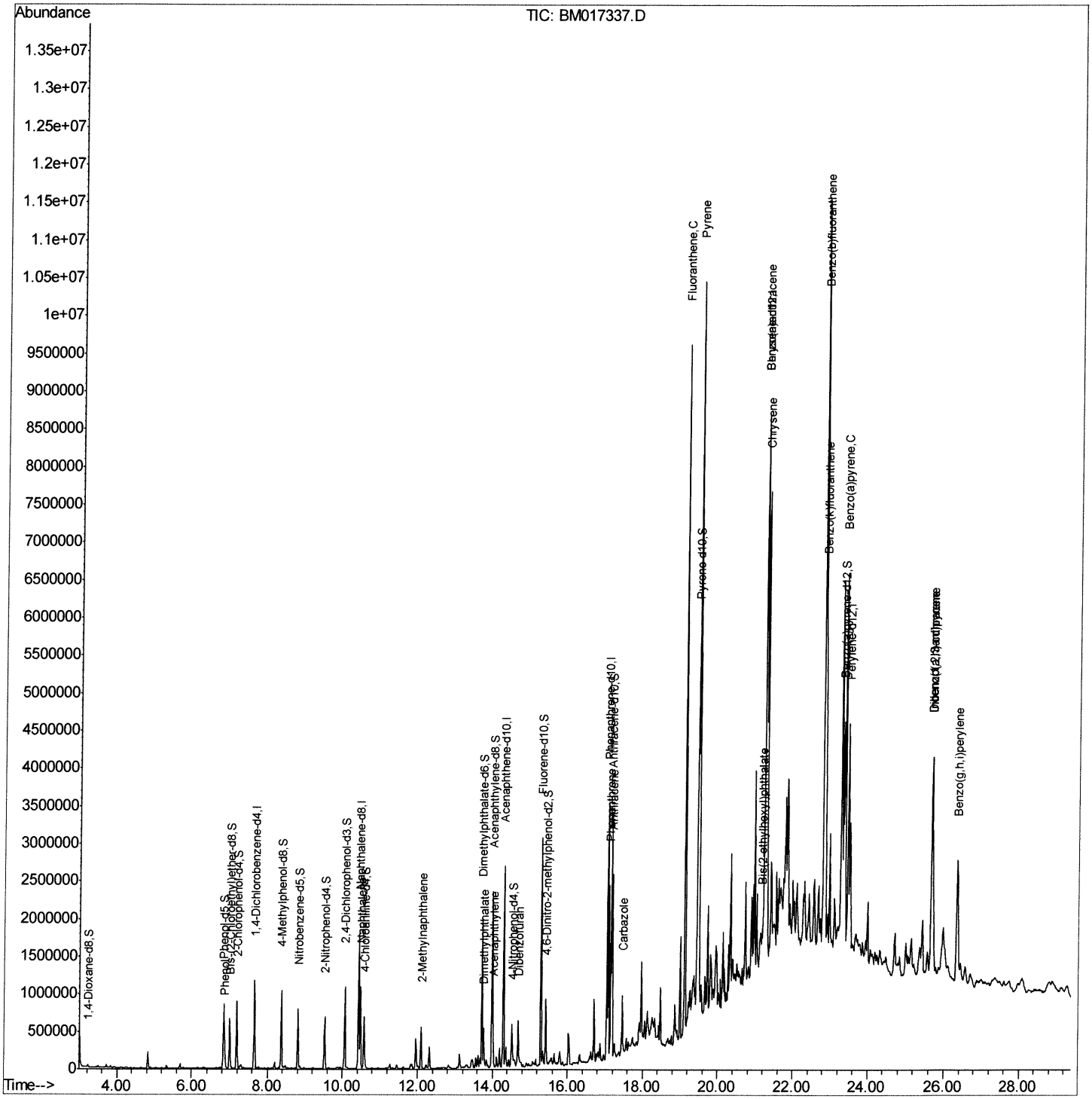
Quantitation Report (QT Reviewed)

Data File : BM017337.D
Acq On : 25 Oct 2018 03:09
Operator : MJ/SJ
Sample : J5598-02
Misc :
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Oct 25 08:36:38 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102418MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 25 02:39:26 2018
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0AE4

Manual Integrations APPROVED
Sohil
10/25/2018 3:34:30 PM



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM102418\

Quantitation Report (Qedit)

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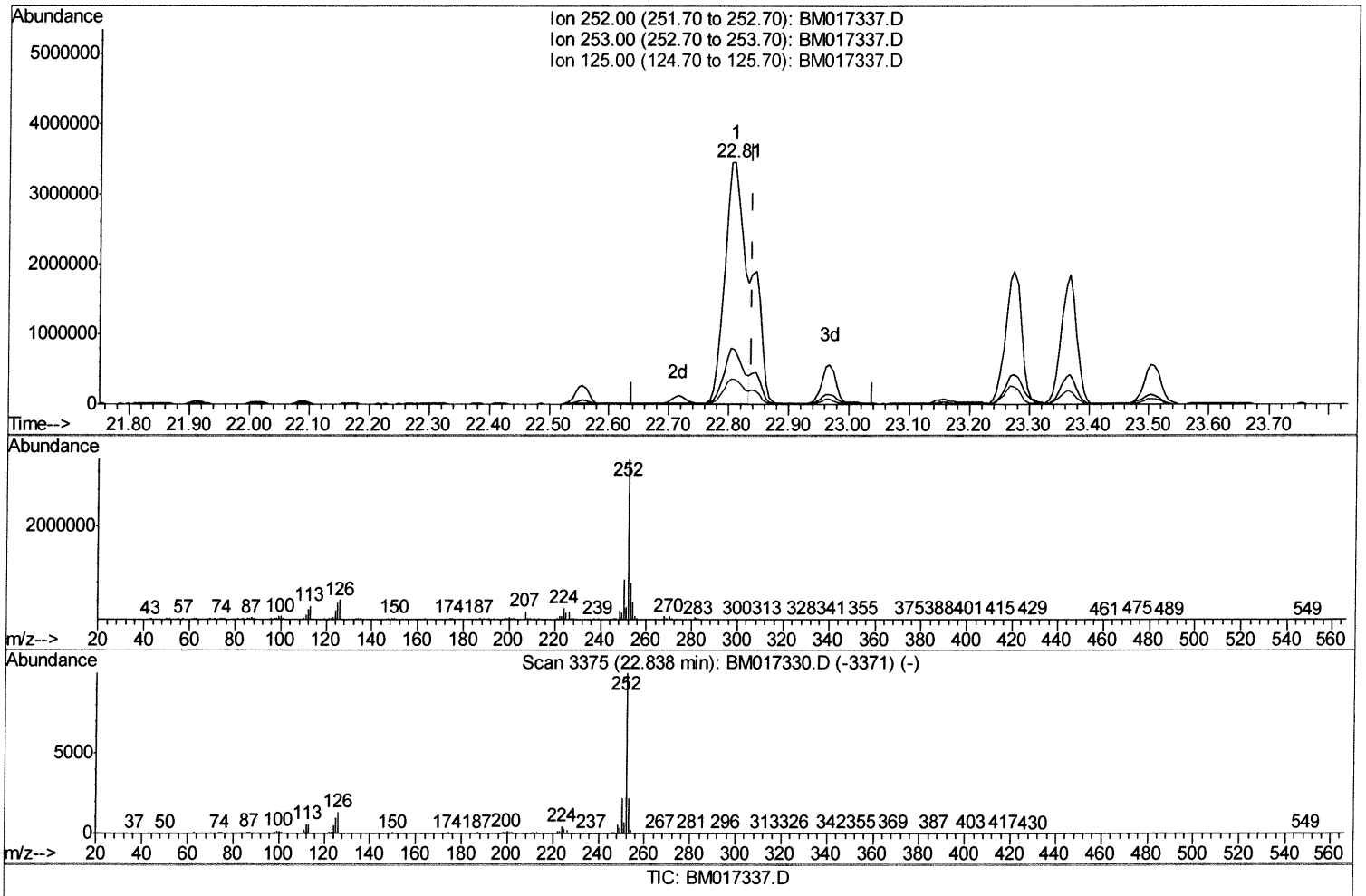

TIC: BM017337.D

(89) Benzo(k)fluoranthene

22.809min (-0.029) 64.73ng/ul

response 7962098

Ion	Exp%	Act%
252.00	100	100
253.00	22.10	22.84
125.00	9.70	10.47
0.00	0.00	0.00

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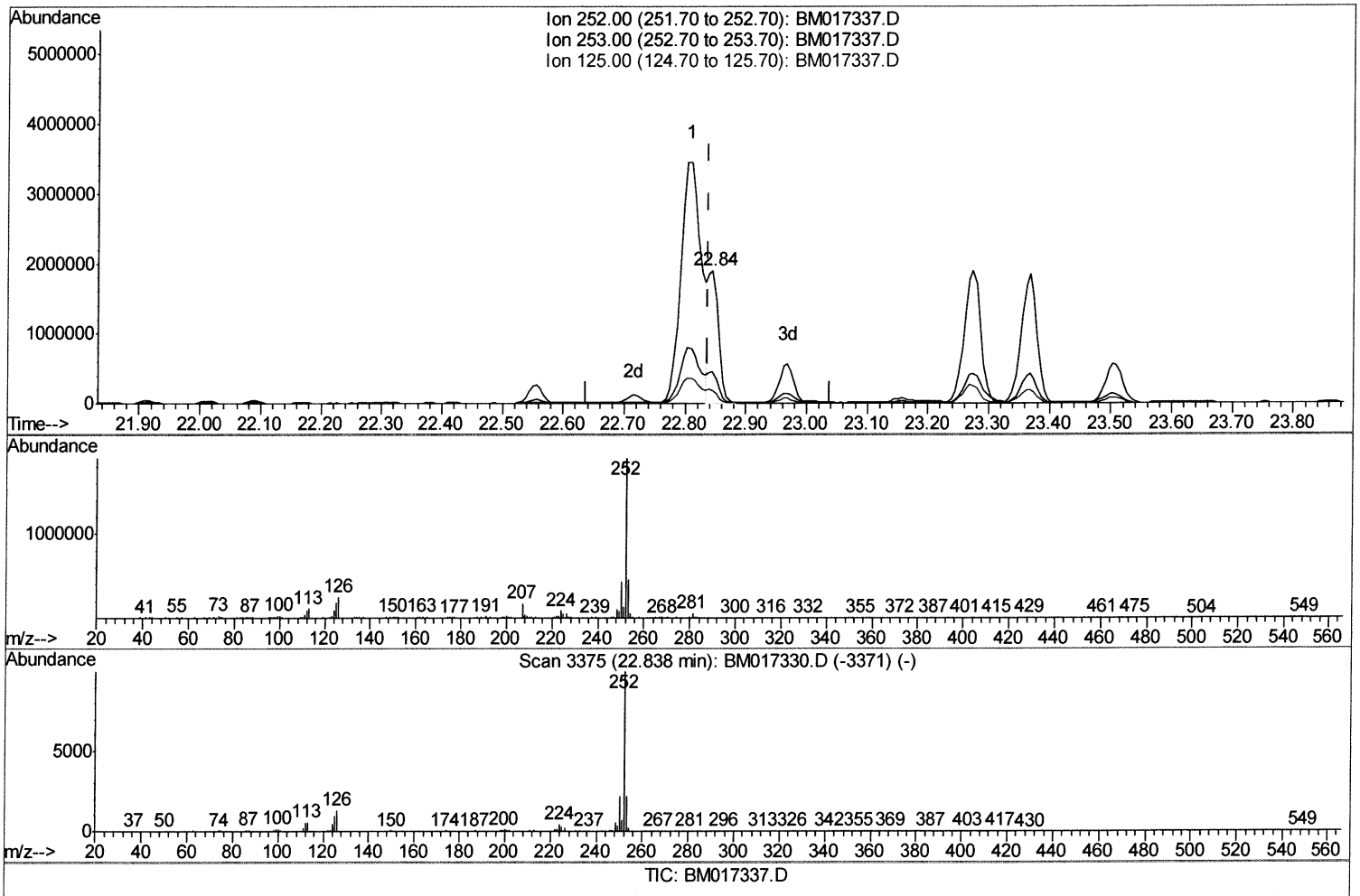
Sohil
10/25/2018 3:34:30 PM



TIC: BM017337.D

(89) Benzo(k)fluoranthene

22.844min (+0.006) 18.61ng/ul m SJ 10/25/18

response 2289102

Ion	Exp%	Act%
252.00	100	100
253.00	22.10	24.10
125.00	9.70	9.60
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM102418\

Quantitation Report (Qedit)

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Acq On : 25 Oct 2018 03:09
Operator : MJ/SJ
Sample : J5598-02
Misc :
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Oct 25 08:25:11 2018
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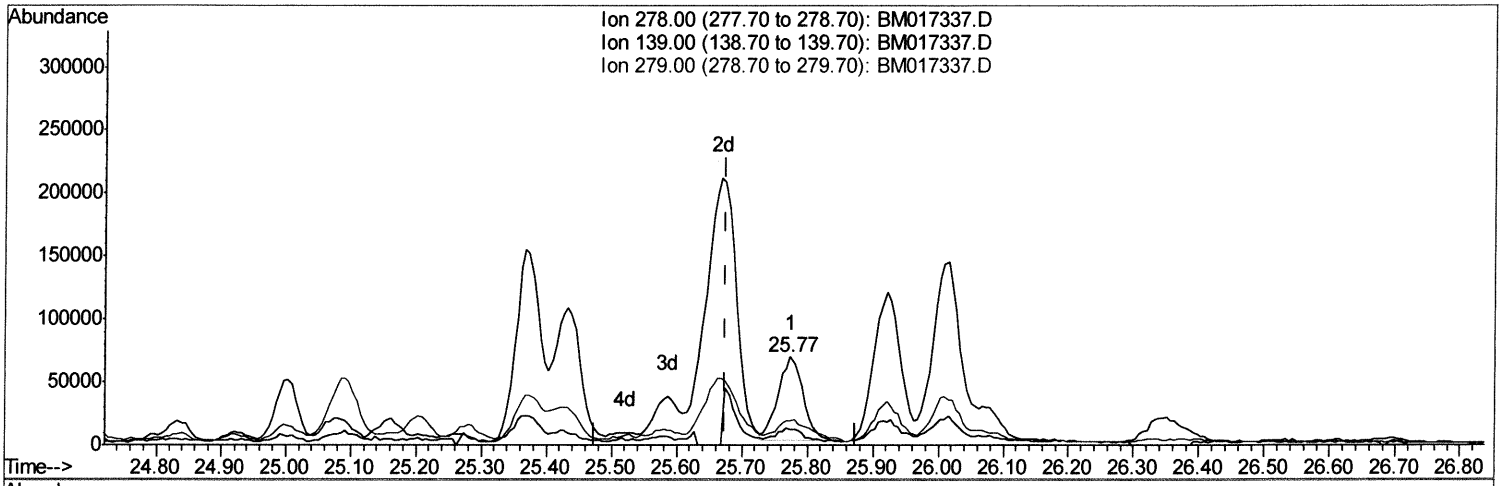
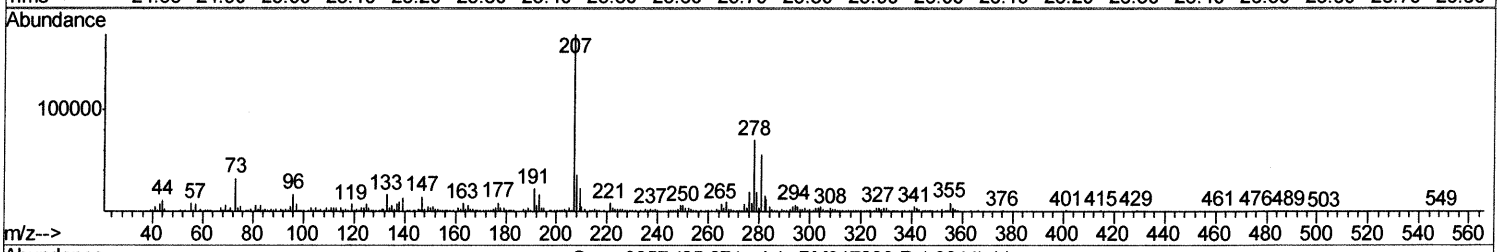
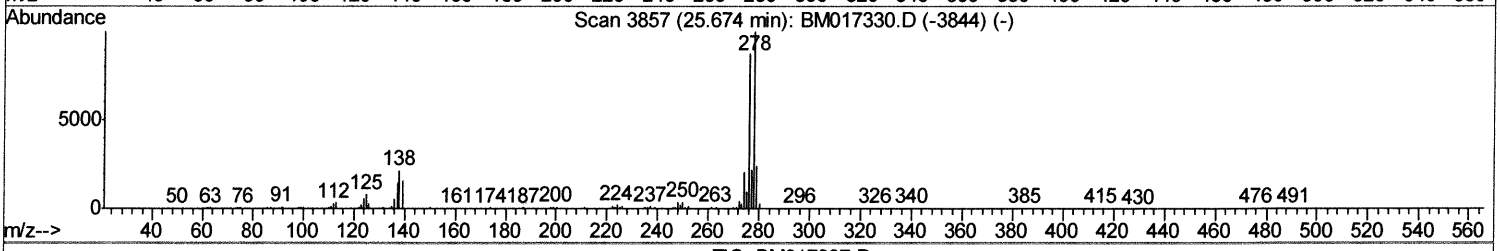
Instrument :
BNA_M
ClientSampleId :
C0AE4

Manual Integrations APPROVED
Sohil
10/25/2018 3:34:30 PM







TIC: BM017337.D

(93) Dibenzo(a,h)anthracene

25.774min (+0.100) 1.38ng/ul

response 171867

Ion	Exp%	Act%
278.00	100	100
139.00	15.90	18.63
279.00	23.70	27.07
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM102418\

Quantitation Report (Qedit)

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Acq On : 25 Oct 2018 03:09
Operator : MJ/SJ
Sample : J5598-02
Misc :
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Oct 25 08:25:11 2018
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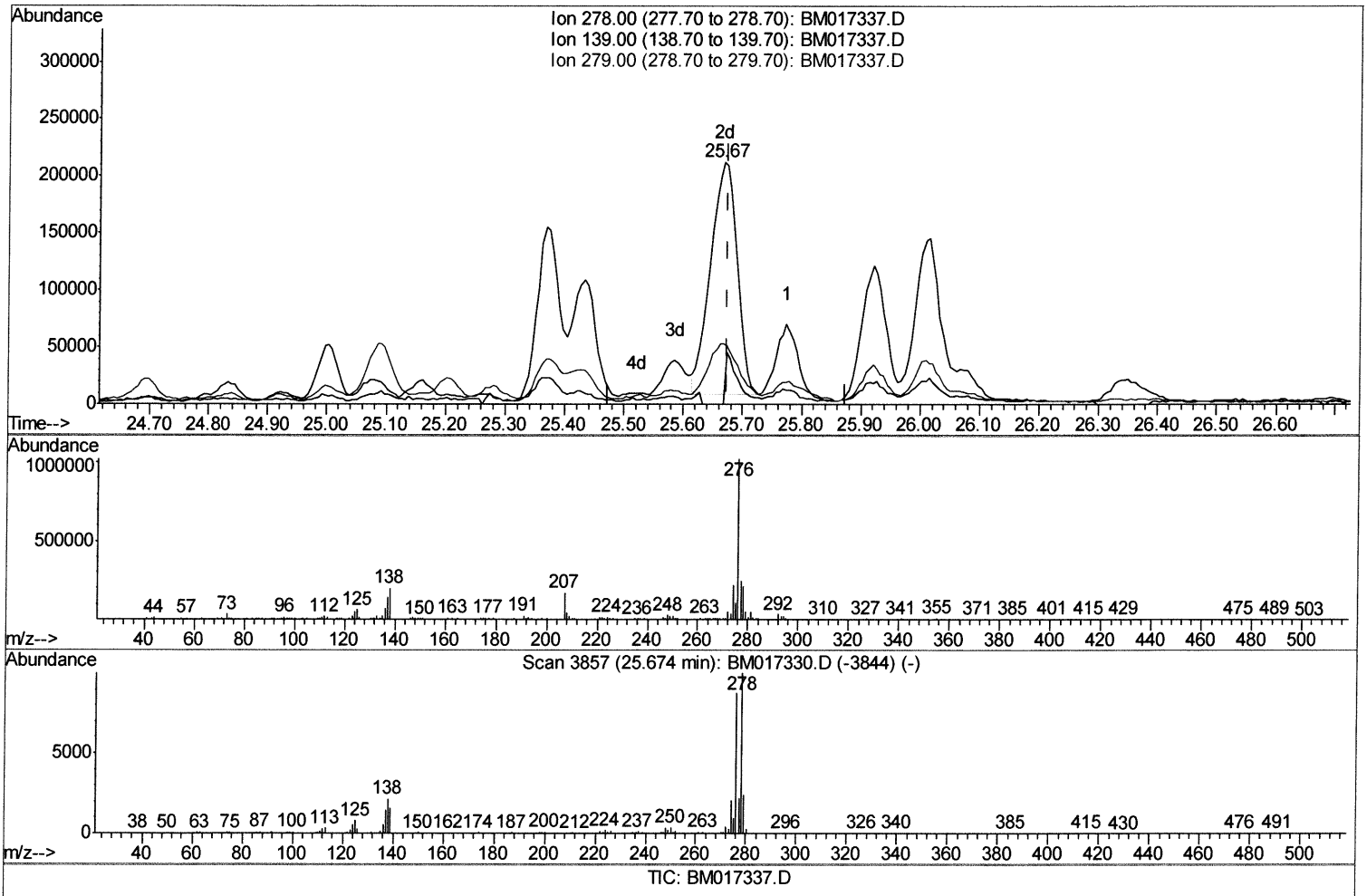
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 25 02:39:26 2018
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0AE4

Manual Integrations APPROVED
Sohil
10/25/2018 3:34:30 PM



TIC: BM017337.D

(93) Dibenzo(a,h)anthracene

25.668min (-0.006) 5.09ng/ul m SJ 10/25/18

response 636785

Ion	Exp%	Act%
278.00	100	100
139.00	15.90	0.00#
279.00	23.70	24.95
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM102418\

Quantitation Report (QT Reviewed)

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Instrument : BNA_M
ClientSampleId : C0AE4

Manual Integrations APPROVED
Sohil
10/25/2018 3:34:30 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	323534	20.00	ng/ul	0.00
18) Naphthalene-d8	10.43	136	1486190	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.30	164	875058	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.05	188	2023944	20.00	ng/ul	0.00
78) Chrysene-d12	21.24	240	2298903	20.00	ng/ul	0.00
86) Perylene-d12	23.46	264	2151200	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.22	96	18257	2.60	ng/uL	0.00
5) Phenol-d5	6.83	99	504003	17.05	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	286302	16.61	ng/ul	0.00
9) 2-Chlorophenol-d4	7.19	132	415240	18.12	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	390062	16.69	ng/ul	0.00
19) Nitrobenzene-d5	8.80	128	203740	17.54	ng/ul	0.00
22) 2-Nitrophenol-d4	9.52	143	234923	18.03	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.06	165	415811	17.19	ng/ul	0.00
29) 4-Chloroaniline-d4	10.57	131	382517	19.37	ng/ul	0.00
44) Dimethylphthalate-d6	13.72	166	1290874	17.20	ng/ul	0.00
47) Acenaphthylene-d8	13.99	160	1617867	17.76	ng/ul	0.00
52) 4-Nitrophenol-d4	14.52	143	194551	13.88	ng/ul	0.00
58) Fluorene-d10	15.29	176	1117437	17.15	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.42	200	192512	13.65	ng/ul	0.00
71) Anthracene-d10	17.14	188	1762570	17.59	ng/ul	0.00
79) Pyrene-d10	19.45	212	1995694	18.74	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.32	264	2057765	18.11	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	6.86	94	161969	5.519	ng/ul	99
28) Naphthalene	10.48	128	894694	11.508	ng/ul	100
34) 2-Methylnaphthalene	12.10	142	270812	4.740	ng/ul	97
45) Dimethylphthalate	13.76	163	331311	4.557	ng/ul	99
48) Acenaphthylene	14.02	152	404215	4.727	ng/ul	99
54) Dibenzofuran	14.70	168	385699	4.447	ng/ul	96
70) Phenanthrene	17.09	178	1388687	11.949	ng/ul	100
72) Anthracene	17.18	178	1485095	12.581	ng/ul	100
75) Carbazole	17.46	167	492779	4.774	ng/ul	99
77) Fluoranthene	19.12	202	5241089	39.341	ng/ul	98
80) Pyrene	19.48	202	5677098	42.526	ng/ul	98
83) Benzo(a)anthracene	21.23	228	2959897	21.040	ng/ul	94
84) Bis(2-ethylhexyl)phthalate	21.17	149	111268	1.429	ng/ul	98
85) Chrysene	21.29	228	3951315	29.537	ng/ul	98
88) Benzo(b)fluoranthene	22.81	252	7962098	63.231	ng/ul	98
89) Benzo(k)fluoranthene	22.84	252	2289102m	18.610	ng/ul	
91) Benzo(a)pyrene	23.37	252	3285248	26.705	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.67	276	2727282	18.221	ng/ul	96
93) Dibenzo(a,h)anthracene	25.67	278	636785m	5.095	ng/ul	
94) Benzo(g,h,i)perylene	26.34	276	2110058	16.594	ng/ul	99

SJ 10/25/18
SJ 10/25/18

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