Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080616\
Data File : BM006970.D
Acq On : 07 Aug 2016 11:06
Operator : UM/SJ
Sample : H4302-08
Misc :
ALS Vial : 35 Sample Multiplier: 1

Quant Time: Aug 08 05:04:58 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080616.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 08 03:51:46 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
DA0H2

Manual Integrations APPROVED
sohil
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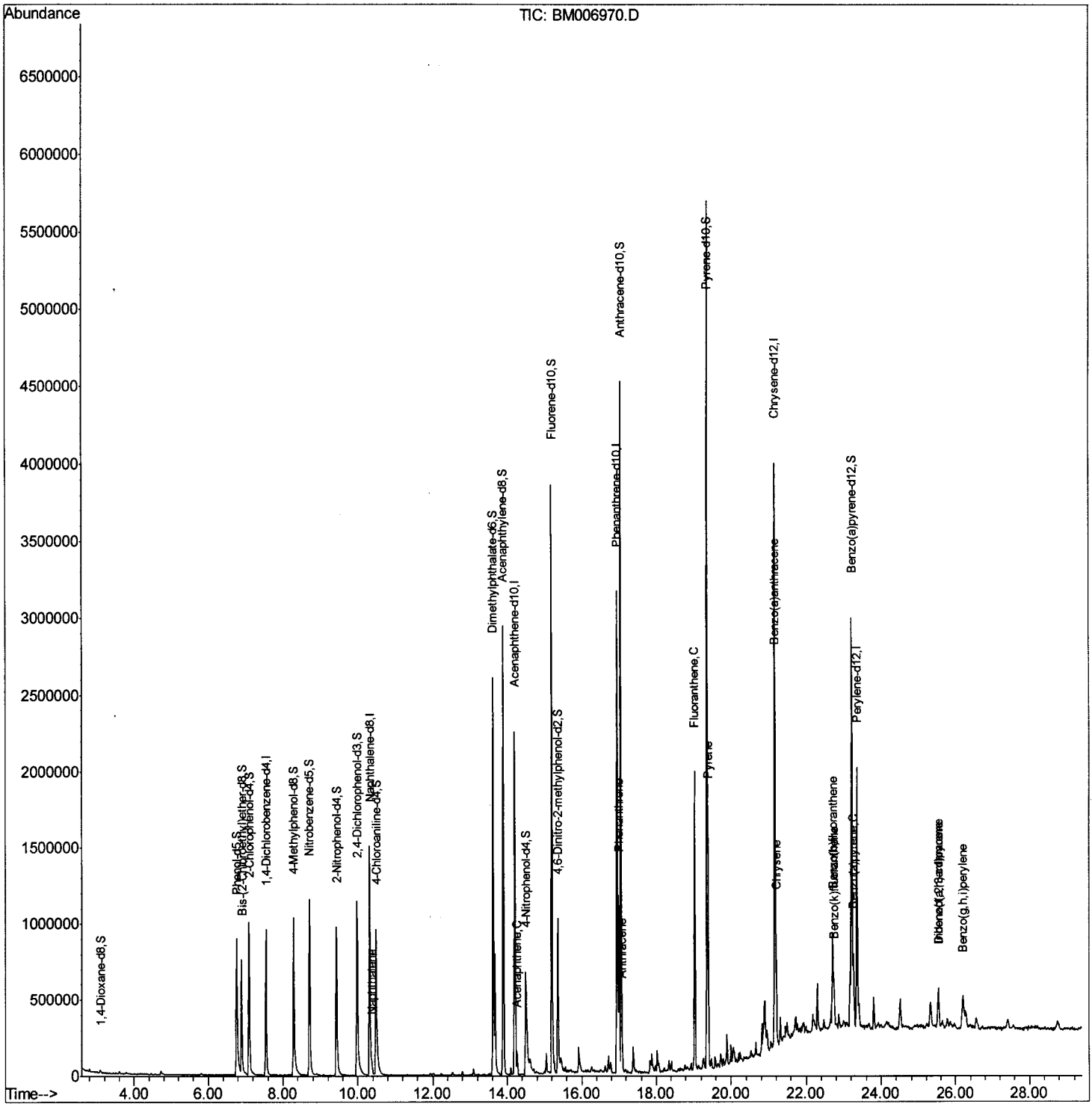

Quantitation Report (Qedit)

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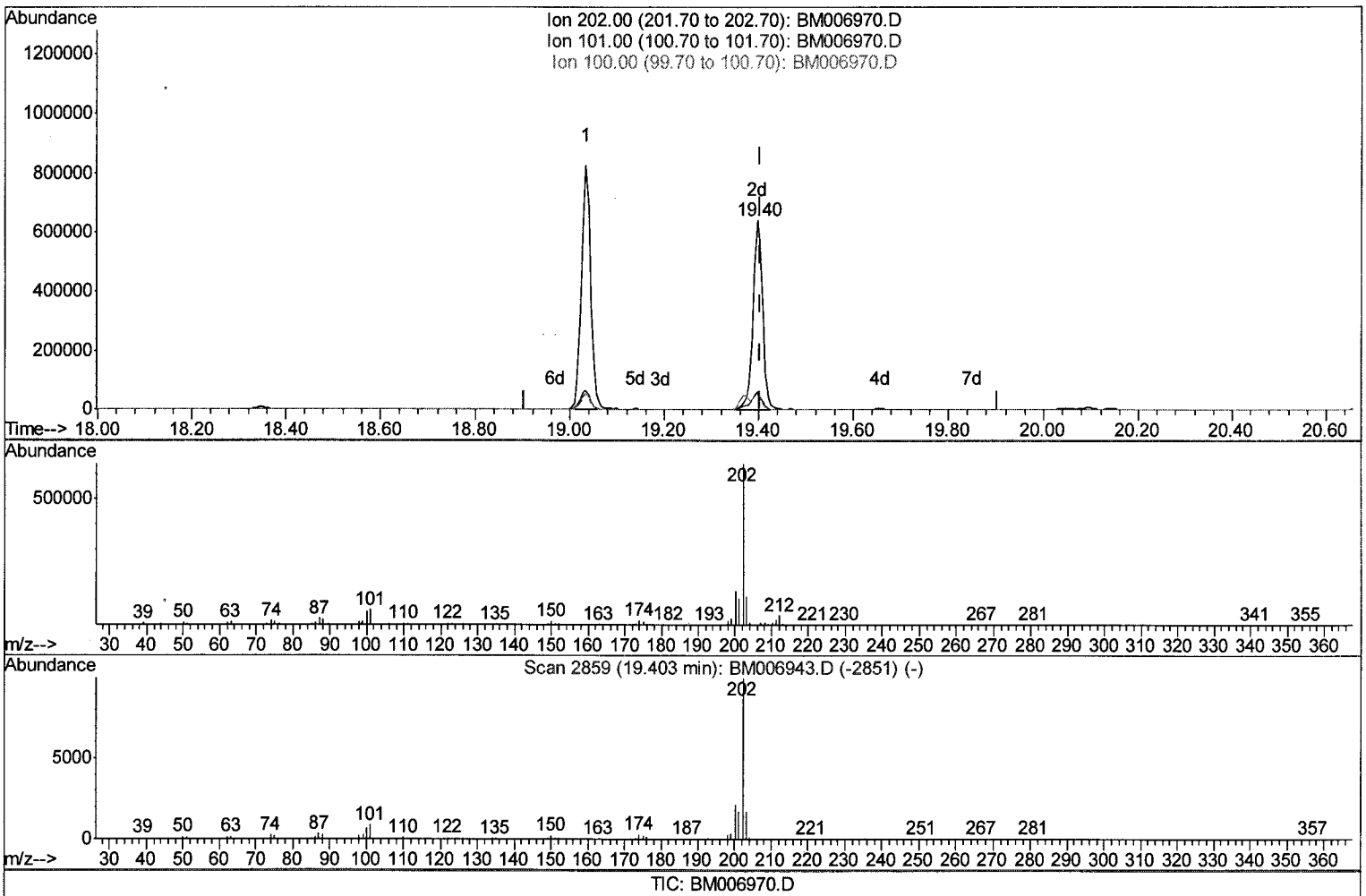

TIC: BM006970.D

(31) Pyrene

19.397min (-0.006) 9.30ng/ul m U.M 08/11/16

response 916190

Ion	Exp%	Act%
202.00	100	100
101.00	8.00	9.40
100.00	6.80	8.26#
0.00	0.00	0.00

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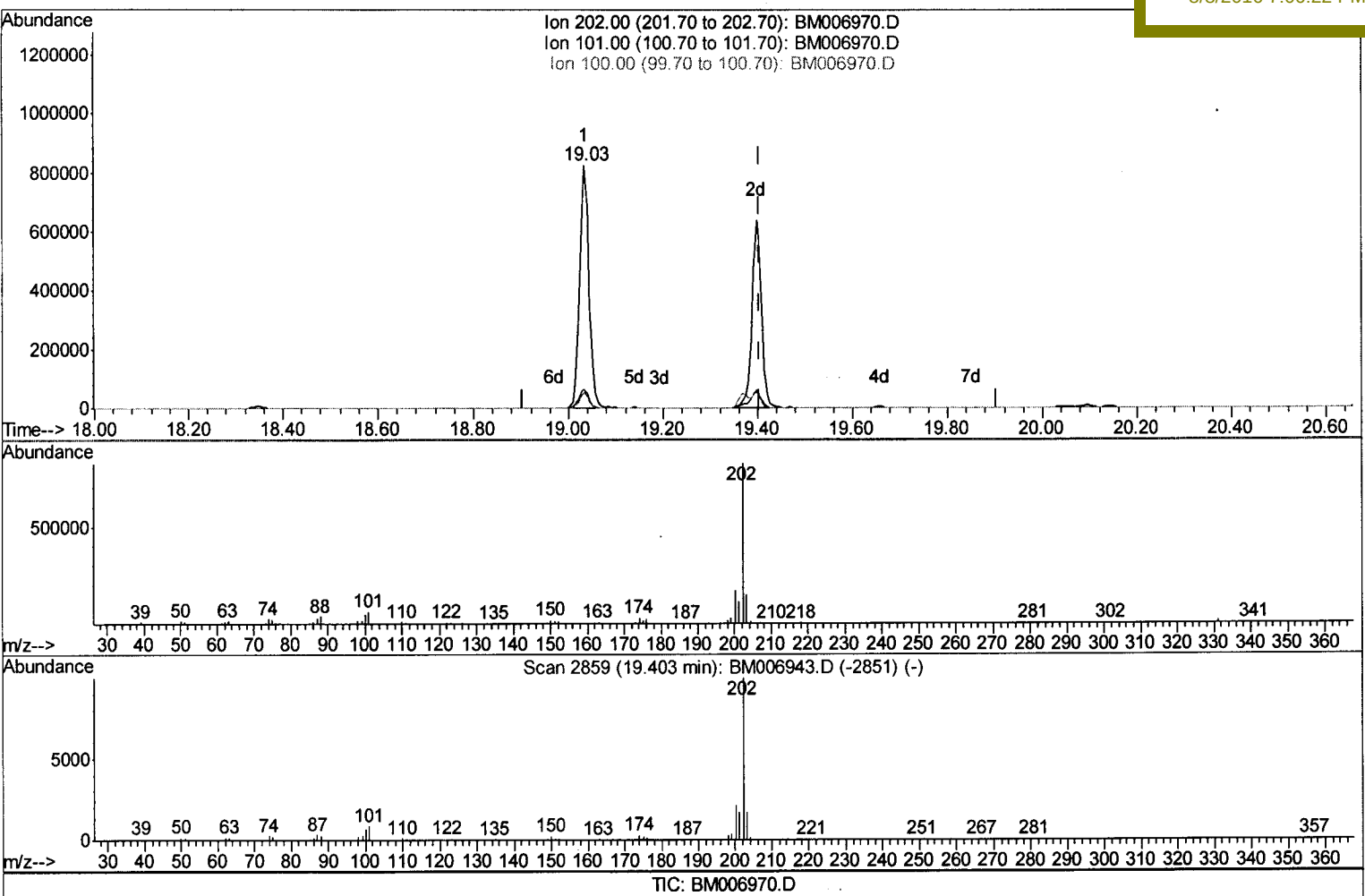

TIC: BM006970.D

(31) Pyrene

19.033min (-0.371) 11.24ng/ul

response 1106778

Ion	Exp%	Act%
202.00	100	100
101.00	8.00	7.60
100.00	6.80	6.25
0.00	0.00	0.00

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BNA_M
ClientSampleId :
DA0H2

Manual Integrations APPROVED
sohil
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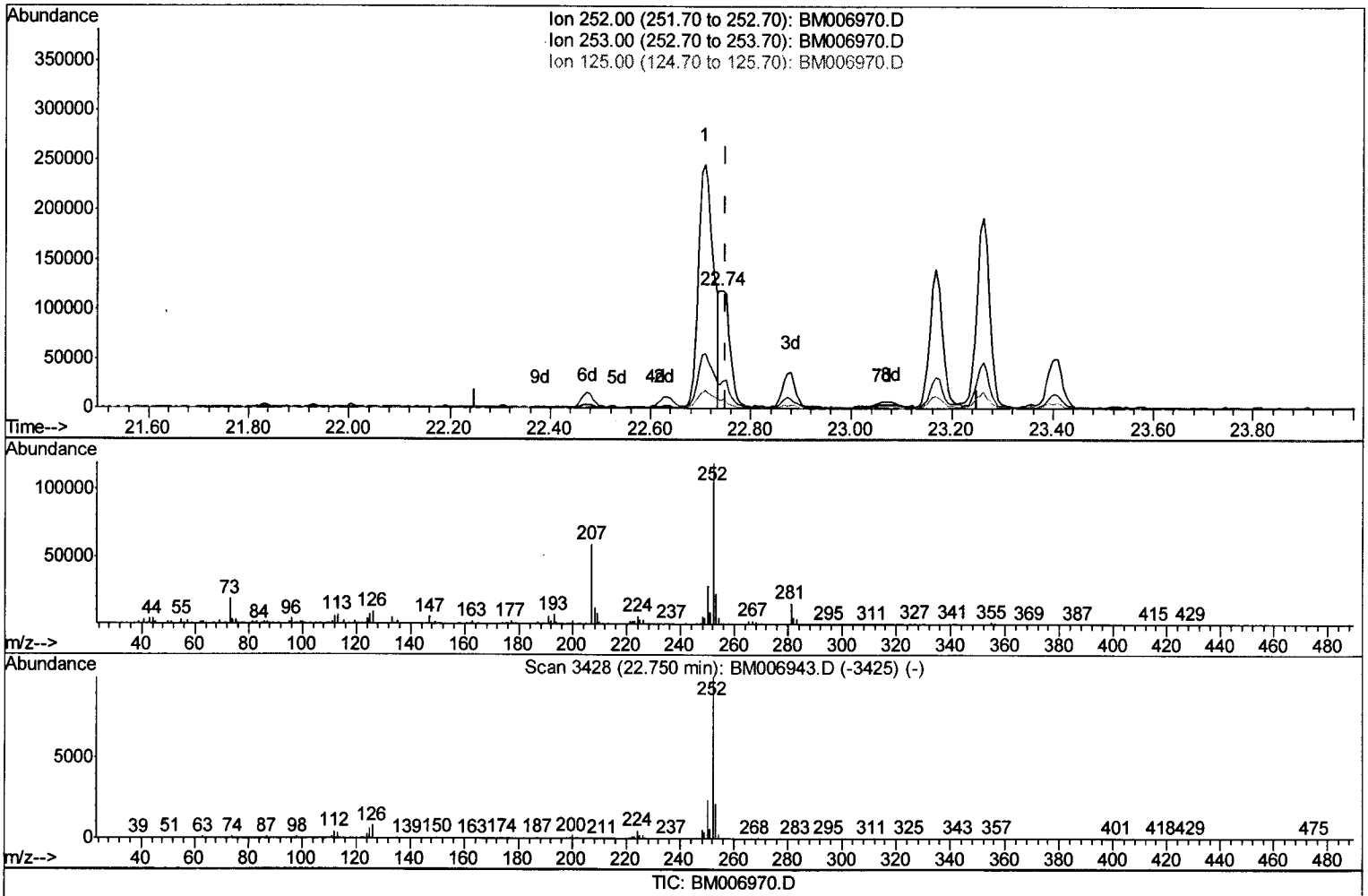

TIC: BM006970.D

(36) Benzo(k)fluoranthene

22.738min (-0.012) 2.42ng/ul m U.M 08/11/16

response 182244

Ion	Exp%	Act%
252.00	100	100
253.00	21.50	19.59
125.00	6.40	6.40
0.00	0.00	0.00

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Instrument :
BNA_M
ClientSampleId :
DA0H2

Manual Integrations APPROVED
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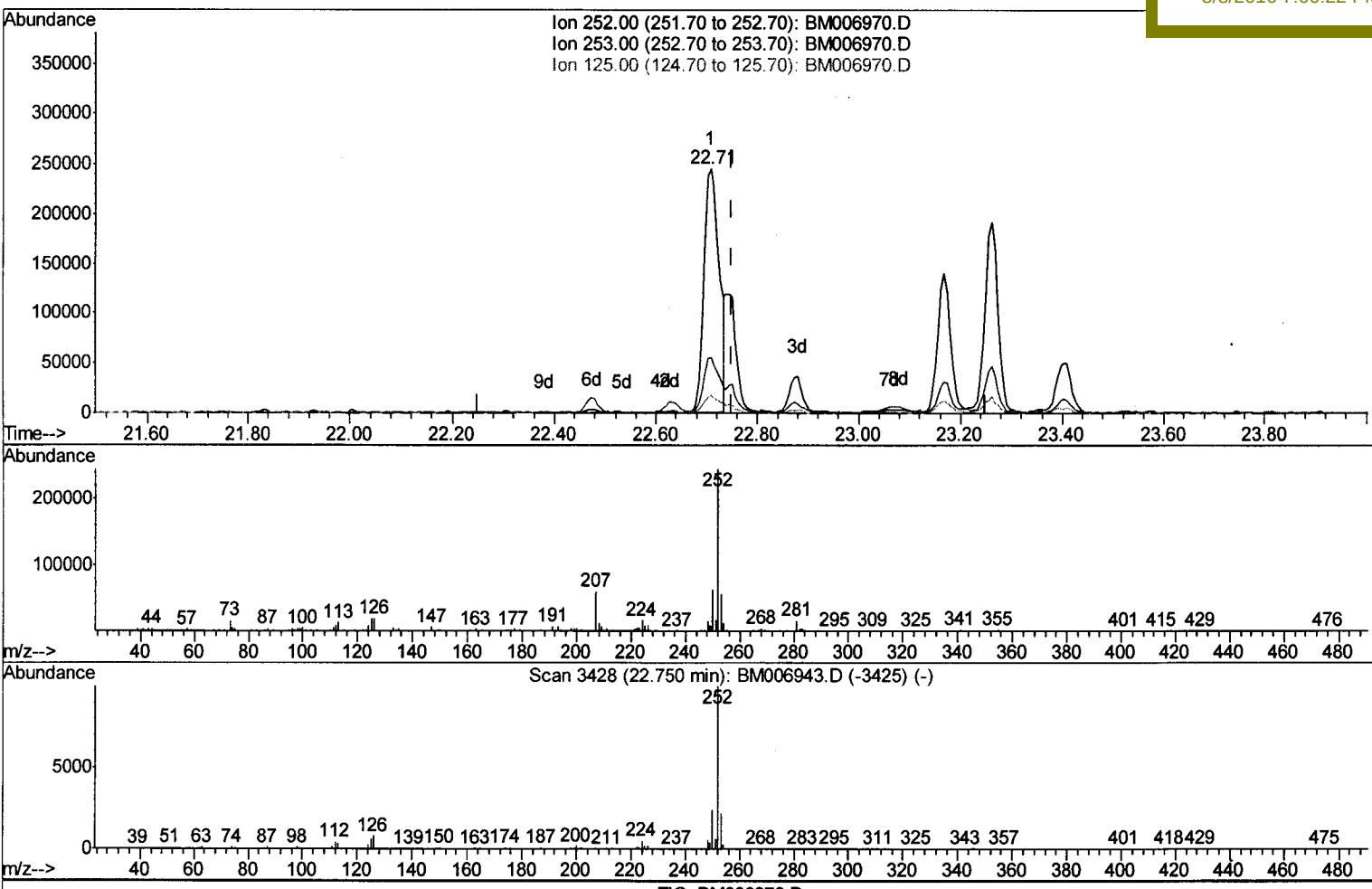

TIC: BM006970.D

(36) Benzo(k)fluoranthene

22.709min (-0.041) 6.69ng/ul

response 503604

Ion	Exp%	Act%
252.00	100	100
253.00	21.50	22.64
125.00	6.40	7.48
0.00	0.00	0.00

Quantitation Report (Qedit)

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Misc :
ALS Vial : 35 Sample Multiplier: 1

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Instrument :
BNA_M
ClientSampleId :
DA0H2

Manual Integrations APPROVED
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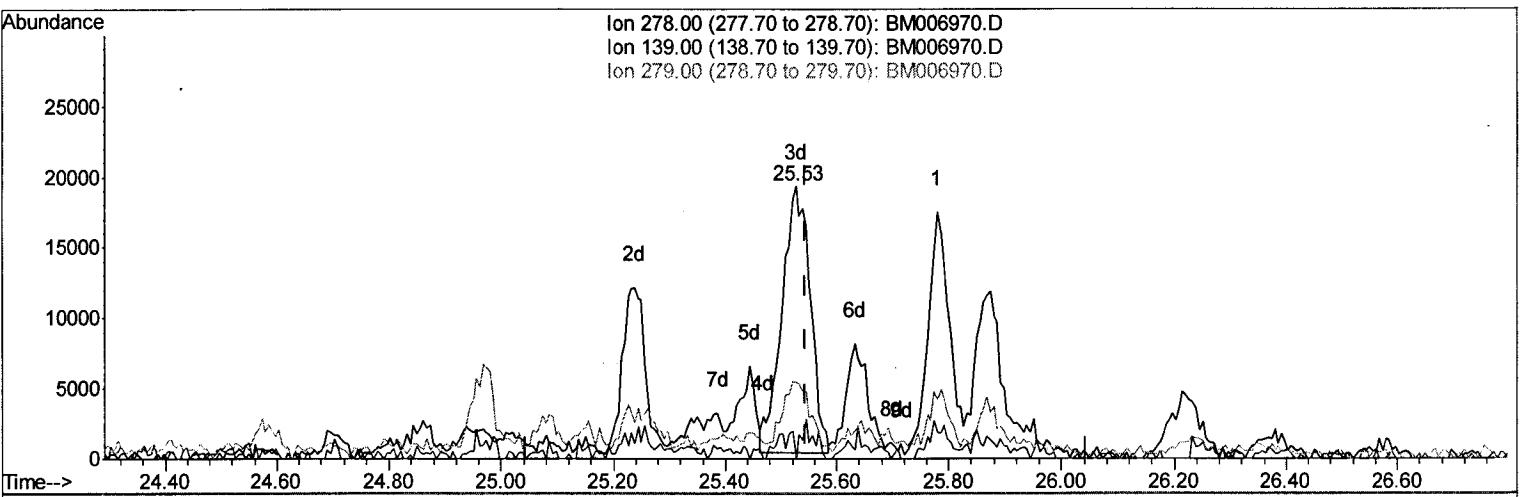

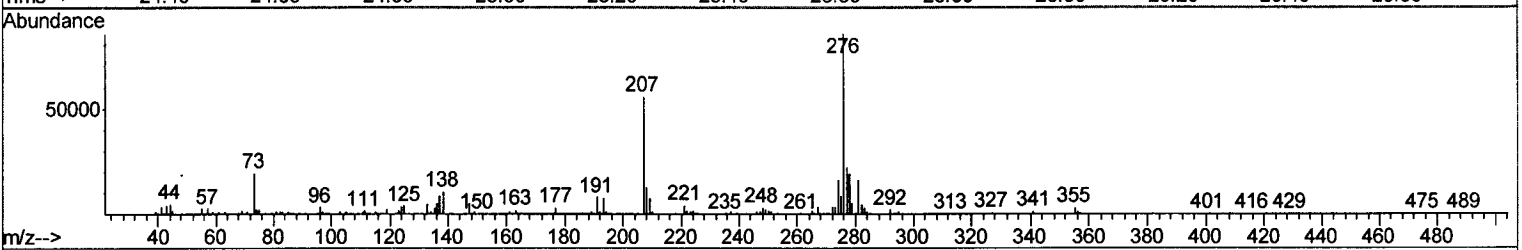

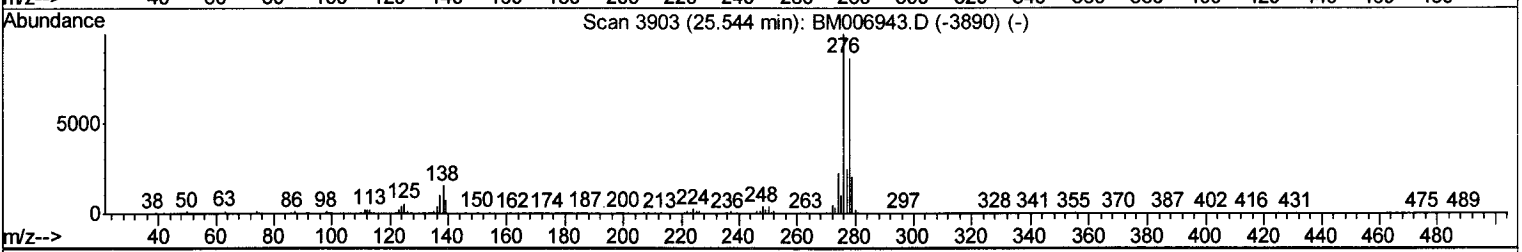

TIC: BM006970.D

(40) Dibenzo(a,h)anthracene

25.526min (-0.018) 1.10ng/ul m U.M 08/11/16

response 66165

Ion	Exp%	Act%
278.00	100	100
139.00	9.40	0.00#
279.00	23.70	28.05
0.00	0.00	0.00

Quantitation Report (Qedit)

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Data File : BM006970.D
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Operator : UM/SJ
Sample : H4302-08
Misc :
ALS Vial : 35 Sample Multiplier: 1

Quant Time: Aug 08 05:03:38 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080616.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 08 03:51:46 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
DA0H2

Manual Integrations APPROVED
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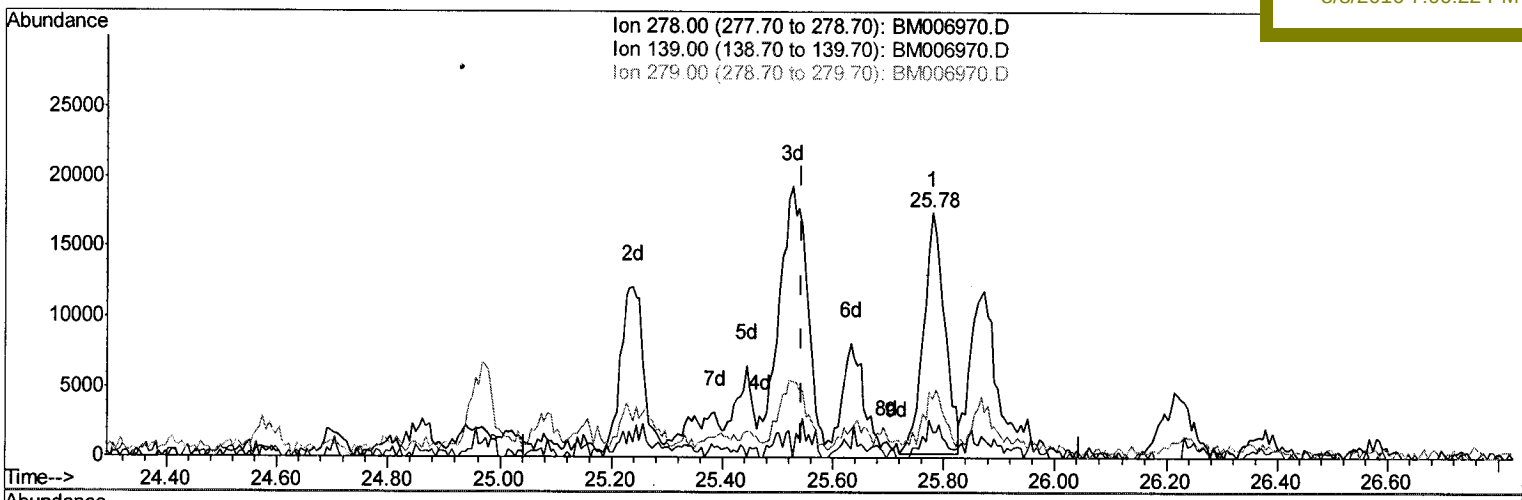

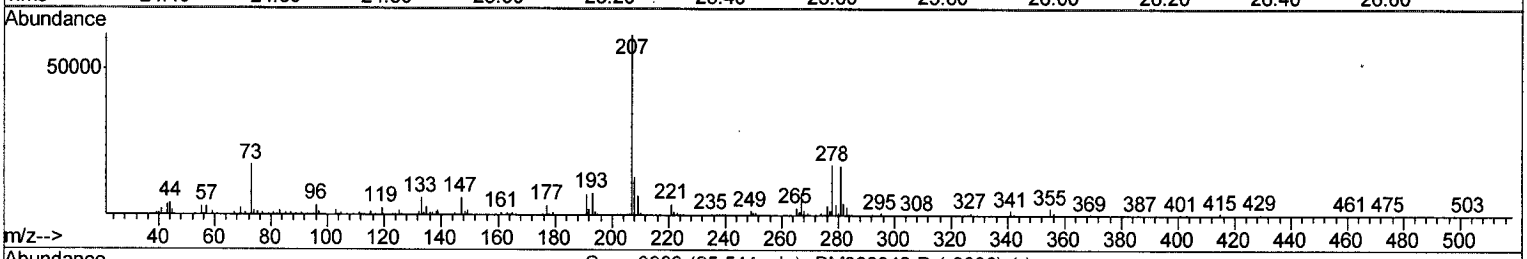

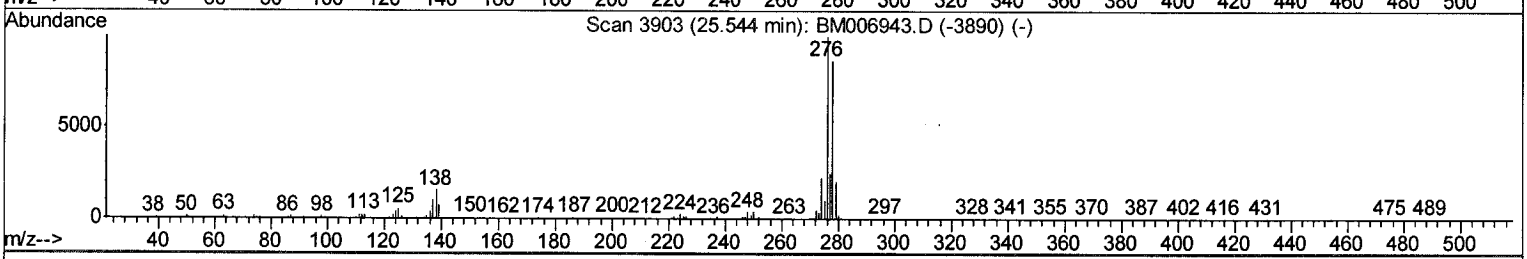

TIC: BM006970.D

(40) Dibenzo(a,h)anthracene

25.779min (+0.235) 0.75ng/ul

response 44969

Ion	Exp%	Act%
278.00	100	100
139.00	9.40	10.32
279.00	23.70	23.93
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Misc :
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Response via : Initial Calibration

Instrument : BNA_M
ClientSampleId : DA0H2

Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	217510	20.00	ng/ul	0.00
7) Naphthalene-d8	10.32	136	1043087	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.20	164	698738	20.00	ng/ul	0.00
23) Phenanthrene-d10	16.96	188	1641968	20.00	ng/ul	0.00
29) Chrysene-d12	21.17	240	1584393	20.00	ng/ul	0.00
34) Perylene-d12	23.36	264	1194556	20.00	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.09	96	10384	2.18	ng/uL	0.00
3) Phenol-d5	6.76	99	463372	22.47	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	6.90	67	340025	26.29	ng/ul	0.00
5) 2-Chlorophenol-d4	7.09	132	373268	25.35	ng/ul	0.00
6) 4-Methylphenol-d8	8.29	113	377601	21.94	ng/ul	0.00
8) Nitrobenzene-d5	8.71	128	212518	27.43	ng/ul	0.00
9) 2-Nitrophenol-d4	9.43	143	229291	24.71	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	9.97	165	419750	23.86	ng/ul	0.00
12) 4-Chloroaniline-d4	10.49	131	509661	24.27	ng/ul	0.00
16) Dimethylphthalate-d6	13.63	166	1597296	25.98	ng/ul	0.00
17) Acenaphthylene-d8	13.90	160	1935357	27.21	ng/ul	0.00
20) 4-Nitrophenol-d4	14.50	143	157377	17.64	ng/ul	0.00
21) Fluorene-d10	15.21	176	1401365	26.81	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.37	200	188490	27.80	ng/ul	0.00
26) Anthracene-d10	17.06	188	2250104	28.36	ng/ul	0.00
30) Pyrene-d10	19.37	212	2795591	37.02	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.22	264	1805139	31.73	ng/ul	0.00
Target Compounds						Qvalue
11) Naphthalene	10.37	128	55551	1.04	ng/ul	97
19) Acenaphthene	14.27	153	58941	1.21	ng/ul	99
25) Phenanthrene	17.00	178	647669	7.05	ng/ul	99
27) Anthracene	17.10	178	122748	1.28	ng/ul	95
28) Fluoranthene	19.03	202	1106778	9.91	ng/ul	98
31) Pyrene	19.40	202	916190m	9.30	ng/ul	
32) Benzo(a)anthracene	21.16	228	468061	4.98	ng/ul	97
33) Chrysene	21.21	228	396256	4.79	ng/ul	97
35) Benzo(b)fluoranthene	22.71	252	503604	6.46	ng/ul	98
36) Benzo(k)fluoranthene	22.74	252	182244m	2.42	ng/ul	
38) Benzo(a)pyrene	23.26	252	343335	4.86	ng/ul#	95
39) Indeno(1,2,3-cd)pyrene	25.53	276	255370	3.56	ng/ul	97
40) Dibenzo(a,h)anthracene	25.53	278	66165m	1.10	ng/ul	
41) Benzo(g,h,i)perylene	26.20	276	254855	4.51	ng/ul	98

U.M 08/11/16

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