

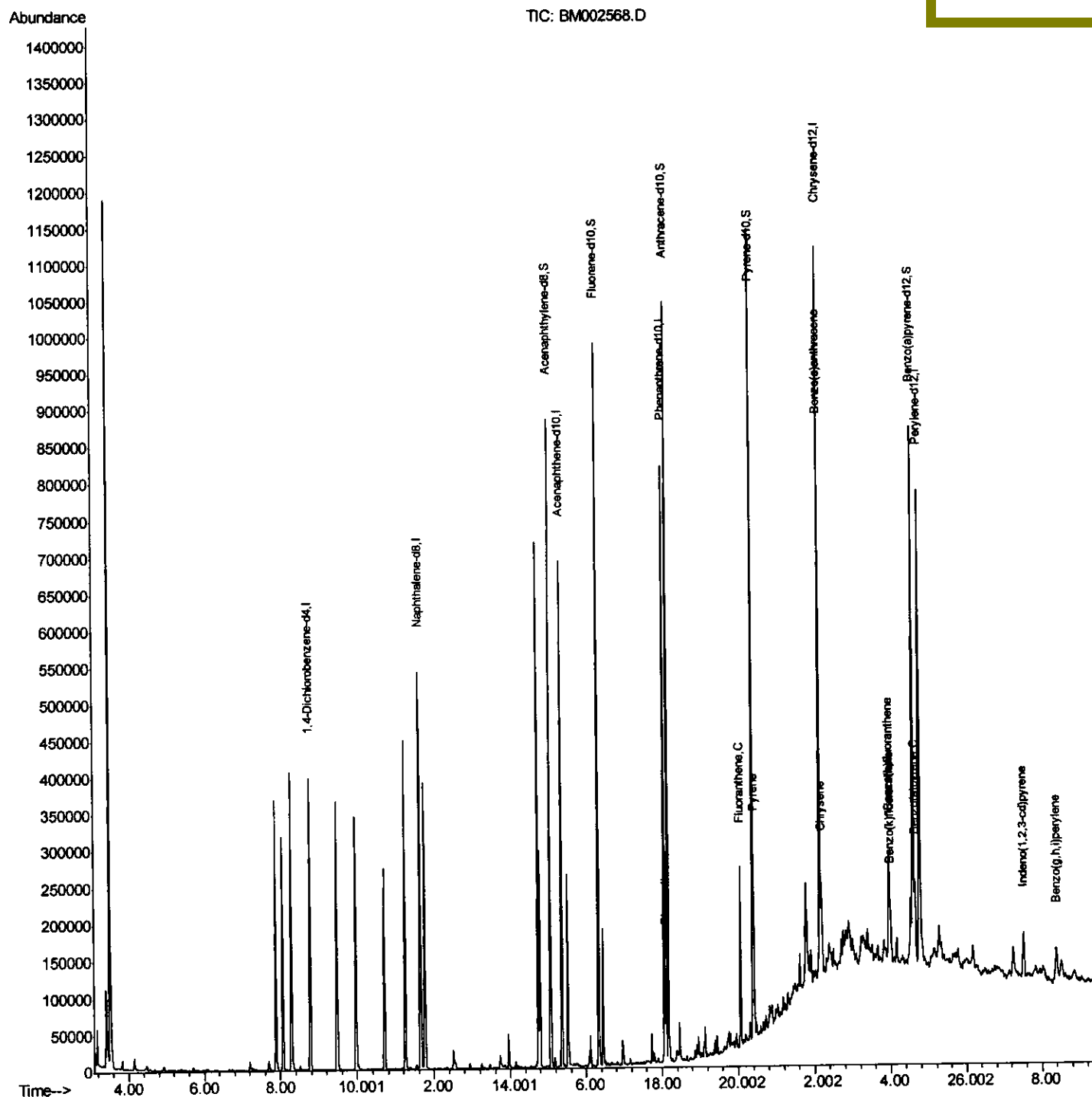
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM082915\
Data File : BM002568.D
Acq On : 29 Aug 2015 17:18
Operator : UM/IZ
Sample : G3455-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
Client Sampled :
D9E67

Quant Time: Aug 31 01:22:29 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM081415MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 31 01:07:40 2015
Response via : Initial Calibration

Manual Integrations
APPROVED

MMDadoda
8/31/2015 1:50:48 PM



Quantitation Report (Qedit)

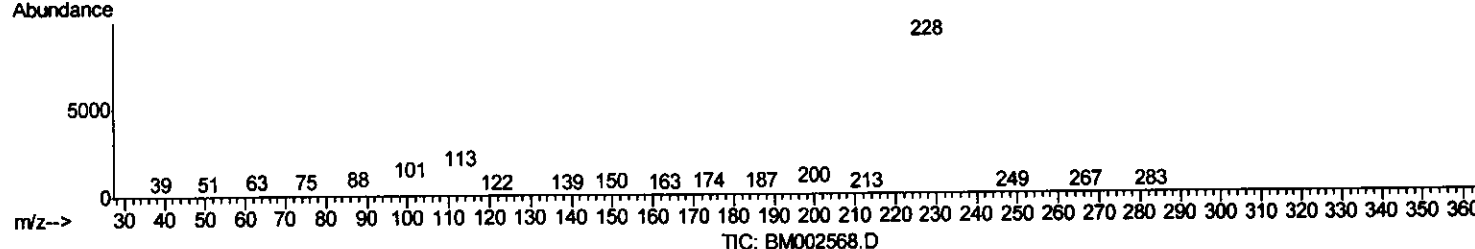
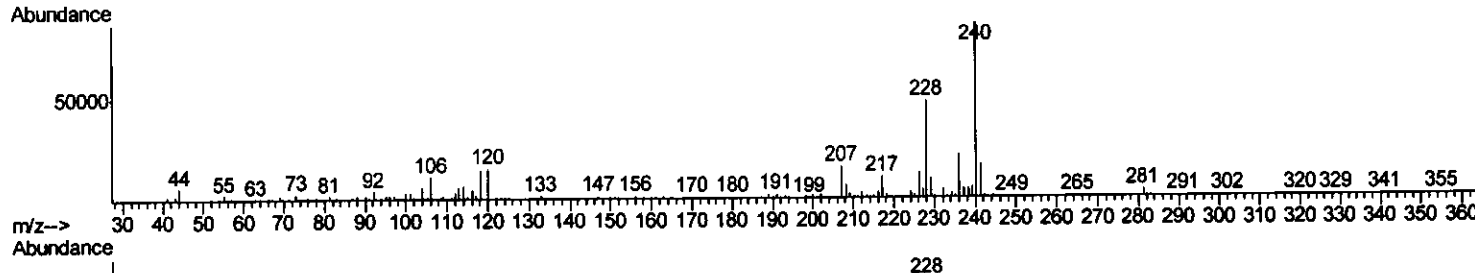
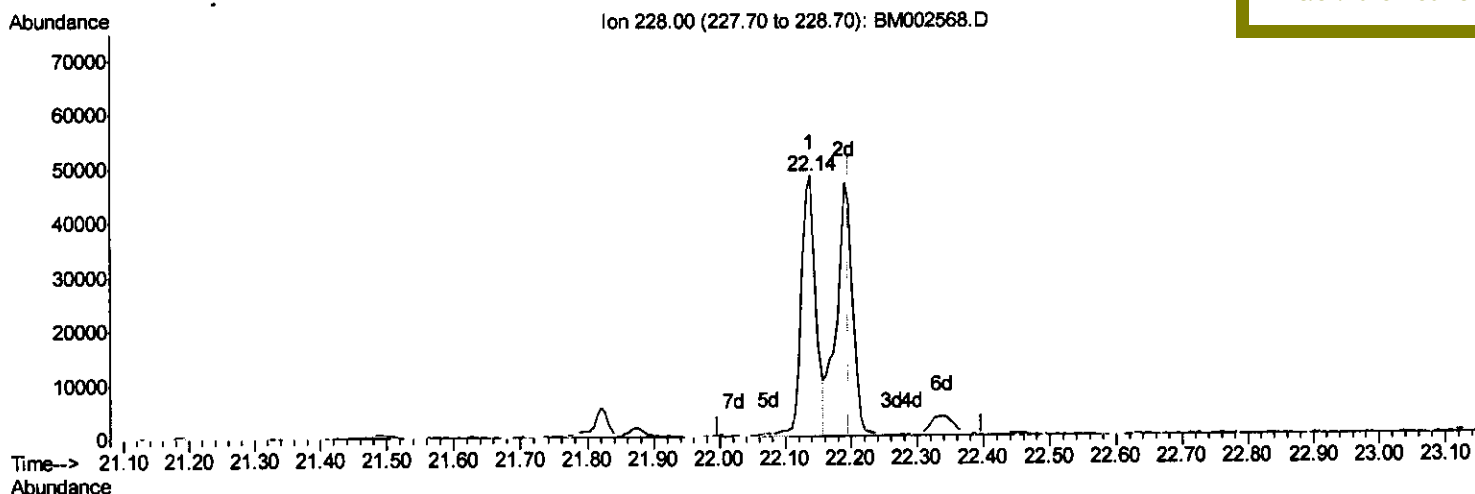
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(21) Chrysene

22.138min (-0.059) 2.69ng/ul

response 73640

Ion	Exp%	Act%
228.00	100	100
226.00	29.30	26.88
229.00	19.60	20.54
0.00	0.00	0.00

Quantitation Report (Qedit)

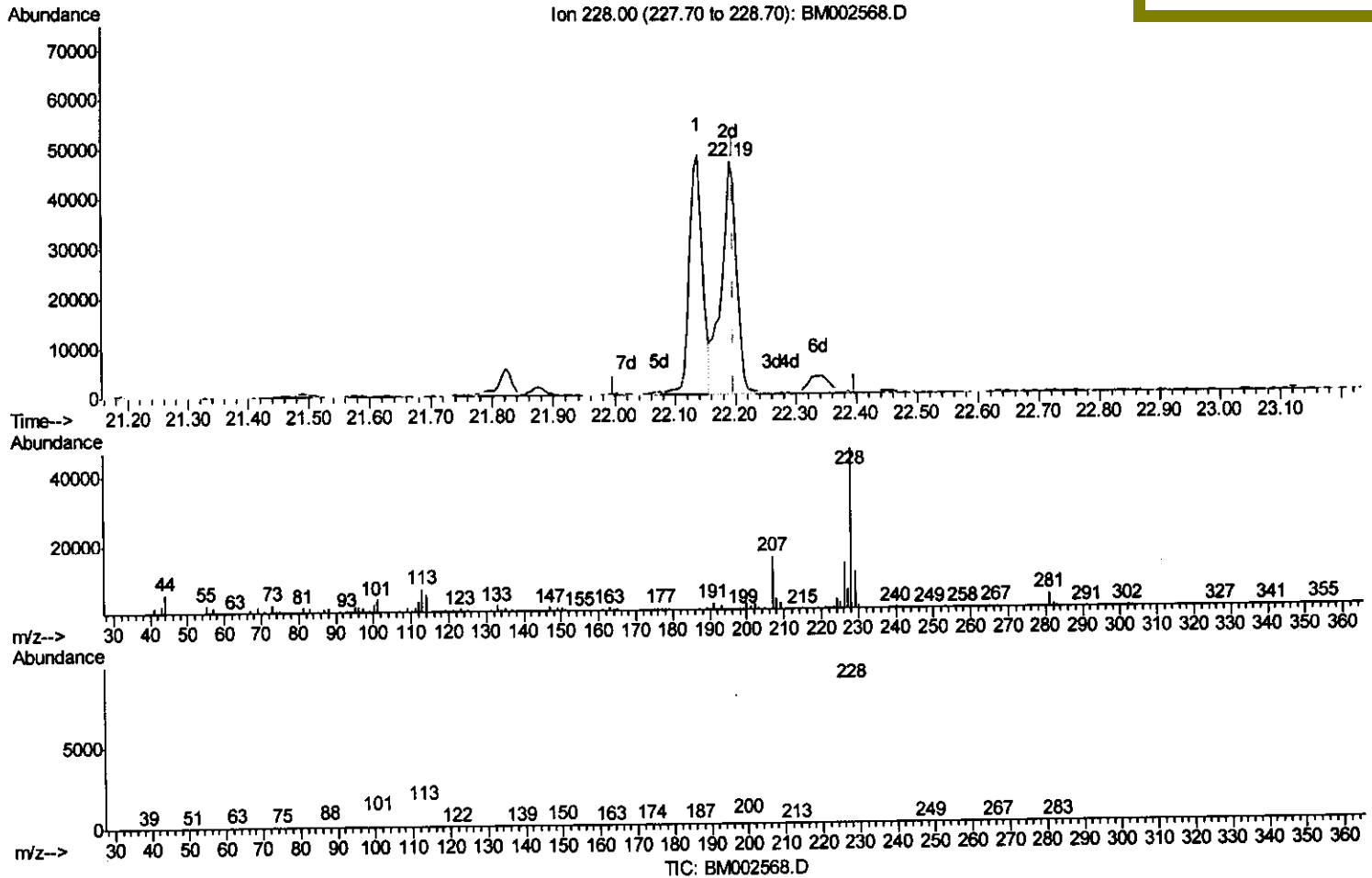
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 APPROVED

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 8/31/2015 1:50:48 PM



(21) Chrysene

22.191min (-0.006) 2.99ng/ul m *U.M*
 response 81984 *9/1/15*

Ion	Exp%	Act%
228.00	100	100
226.00	29.30	29.14
229.00	19.60	23.54#
0.00	0.00	0.00

Quantitation Report (Qedit)

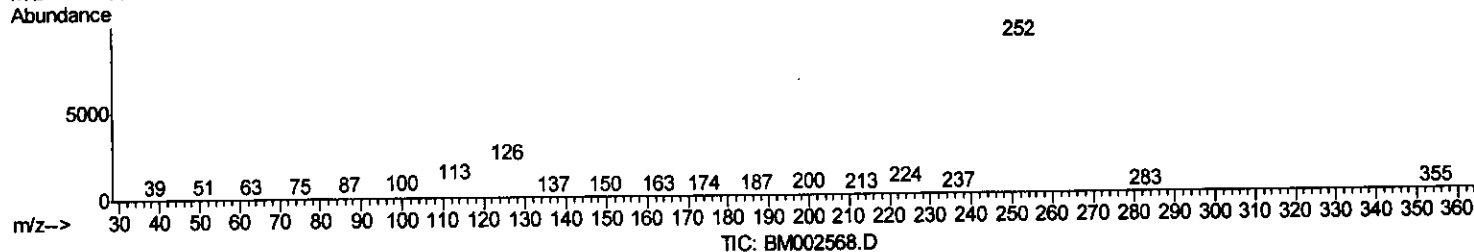
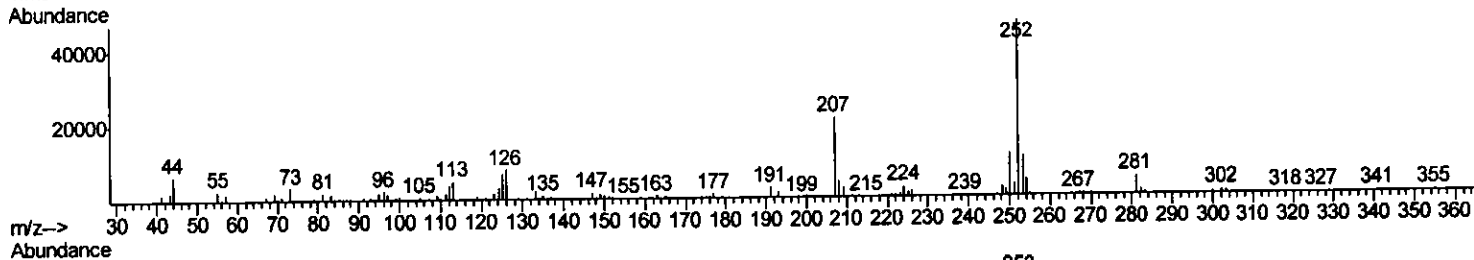
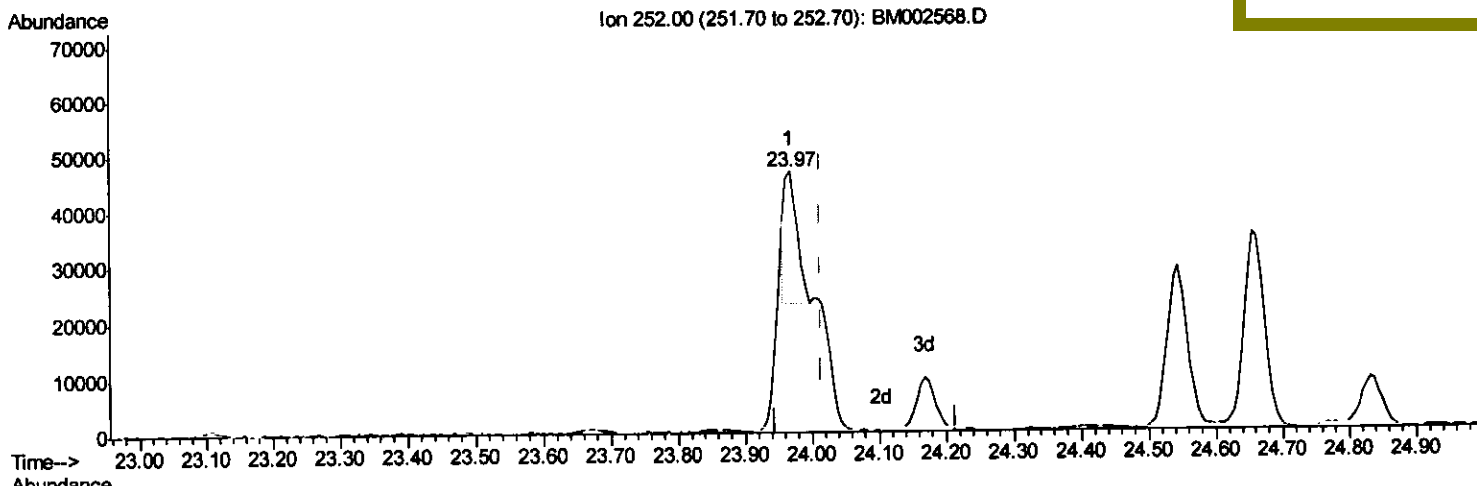
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 Operator : UM/IZ
 Sample : G3455-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9E67

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Manual Integrations
 APPROVED

MMDadoda
 8/31/2015 1:50:48 PM



(24) Benzo(k)fluoranthene
 23.968min (-0.047) 1.04ng/ul
 response 30556

Ion	Exp%	Act%
252.00	100	100
253.00	22.20	23.15
125.00	12.30	15.21#
0.00	0.00	0.00

Quantitation Report (Qedit)

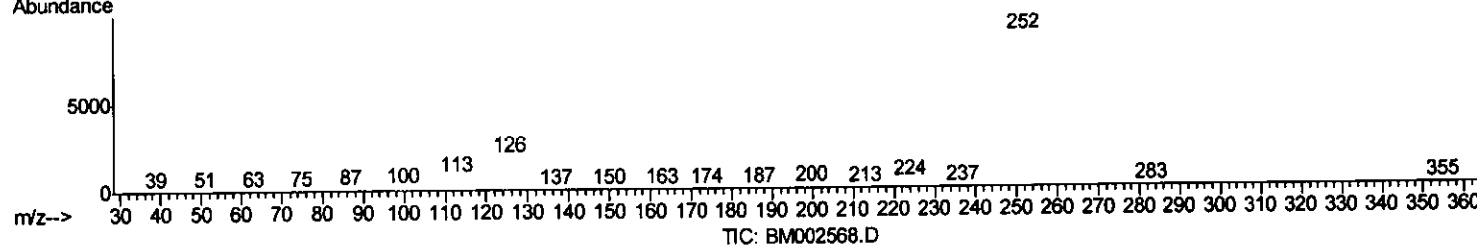
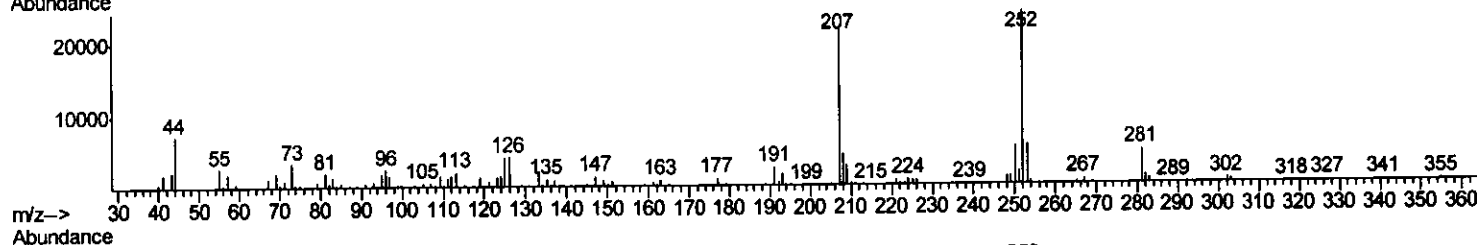
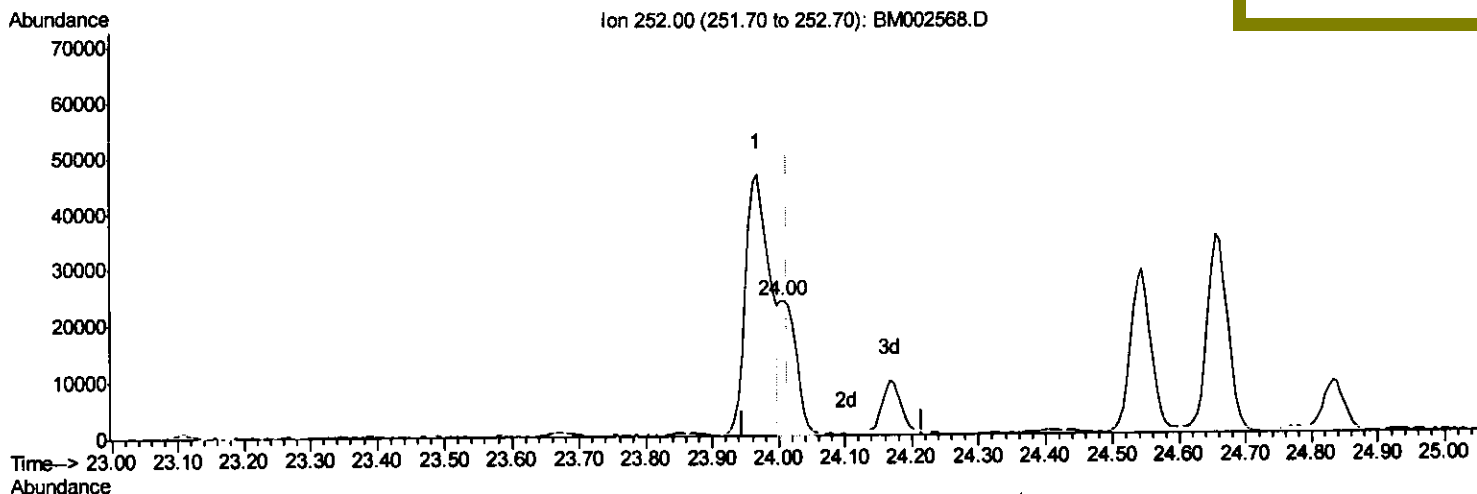
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Operator : UM/IZ
Sample : G3455-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
D9E67

Manual Integrations
APPROVED

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(24) Benzo(k)fluoranthene

24.003min (-0.012) 1.46ng/ul m U.M
response 42961 9/1/15

Ion	Exp%	Act%
252.00	100	100
253.00	22.20	23.89
125.00	12.30	17.53#
0.00	0.00	0.00

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.78	152	122774	20.00	ng/ul	0.00
2) Naphthalene-d8	11.64	136	505566	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.36	164	240046	20.00	ng/ul	0.00
12) Phenanthrene-d10	18.07	188	470563	20.00	ng/ul	0.00
17) Chrysene-d12	22.16	240	489741	20.00	ng/ul	0.00
22) Perylene-d12	24.77	264	512502	20.00	ng/ul	0.00

System Monitoring Compounds

7) Acenaphthylene-d8	15.07	160	662778	27.01	ng/ul	0.00
10) Fluorene-d10	16.33	176	421564	24.46	ng/ul	0.00
14) Anthracene-d10	18.17	188	606748	26.73	ng/ul	0.00
18) Pyrene-d10	20.40	212	564510	26.00	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.60	264	580919	21.58	ng/ul	0.00

Target Compounds

					Qvalue
13) Phenanthrene	18.12	178	78741	2.90	ng/ul 99
16) Fluoranthene	20.07	202	146368	4.76	ng/ul 98
19) Pyrene	20.42	202	121733	4.24	ng/ul 97
20) Benzo(a)anthracene	22.14	228	74404	2.54	ng/ul 99
21) Chrysene	22.19	228	81984m	2.99	ng/ul
23) Benzo(b)fluoranthene	23.97	252	119518	3.86	ng/ul# 96
24) Benzo(k)fluoranthene	24.00	252	42961m	1.46	ng/ul
26) Benzo(a)pyrene	24.66	252	75709	2.56	ng/ul 97
27) Indeno(1,2,3-cd)pyrene	27.53	276	63069	1.85	ng/ul 93
29) Benzo(g,h,i)perylene	28.39	276	62414	2.20	ng/ul 97

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

U.M
 8/11/15