

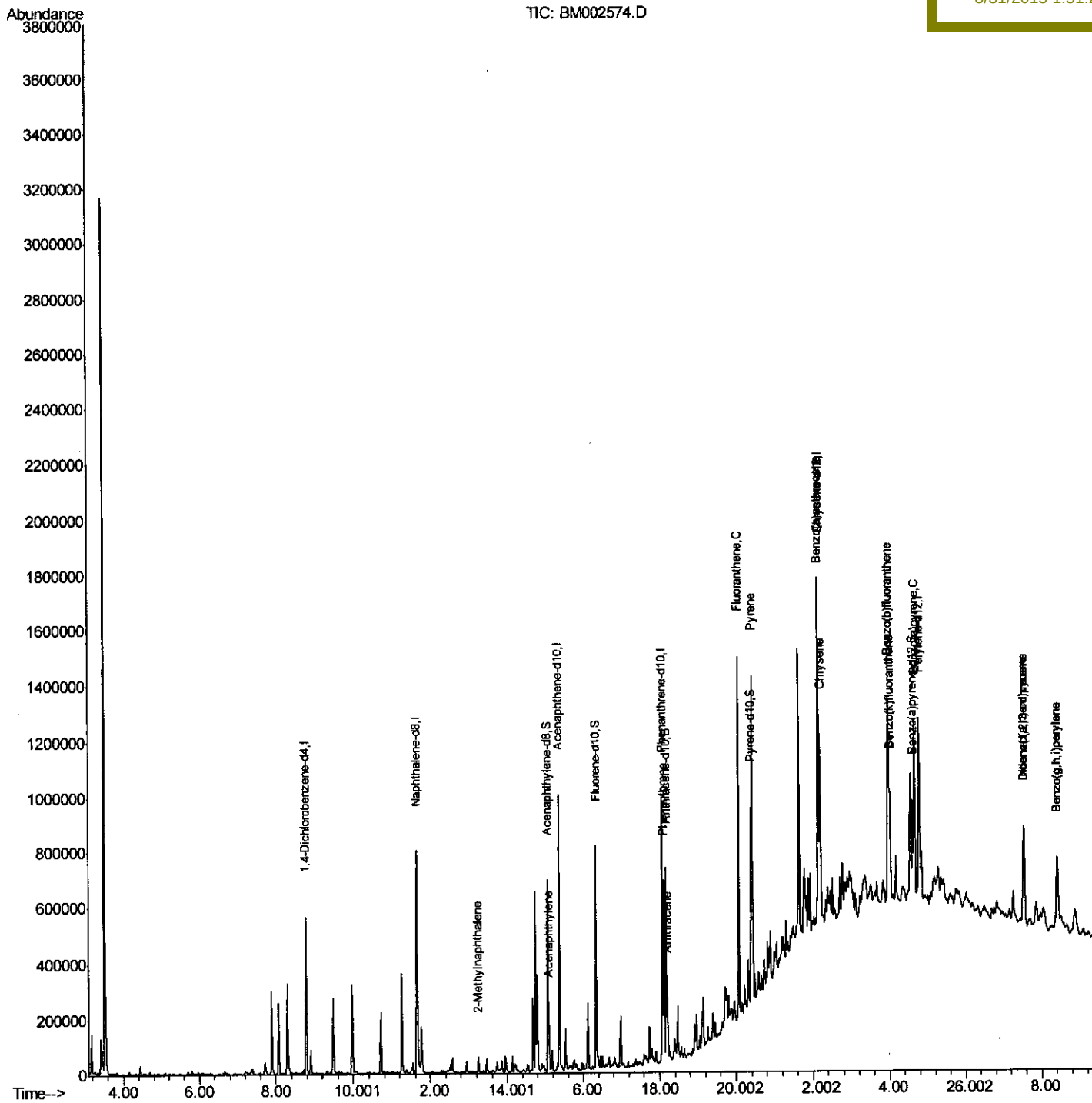
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM082915\
Data File : BM002574.D
Acq On : 29 Aug 2015 20:56
Operator : UM/IZ
Sample : G3455-13
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
D9E78

Quant Time: Aug 31 01:31:46 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 1:51:27 PM



Quantitation Report (Qedit)

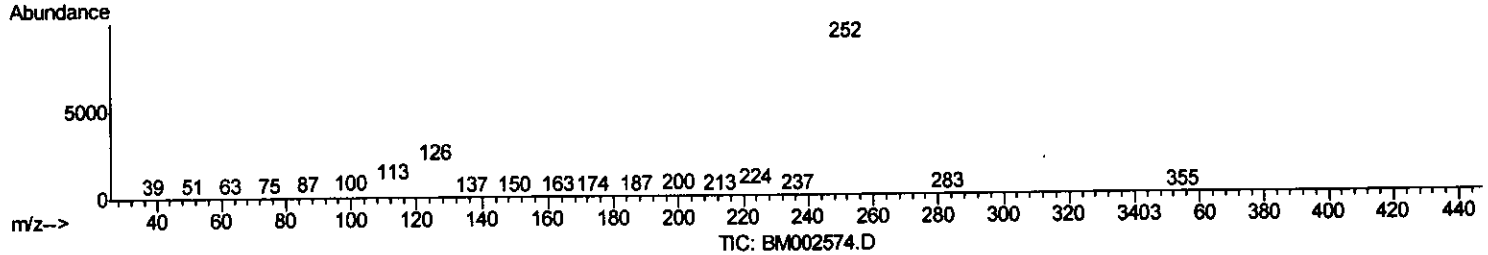
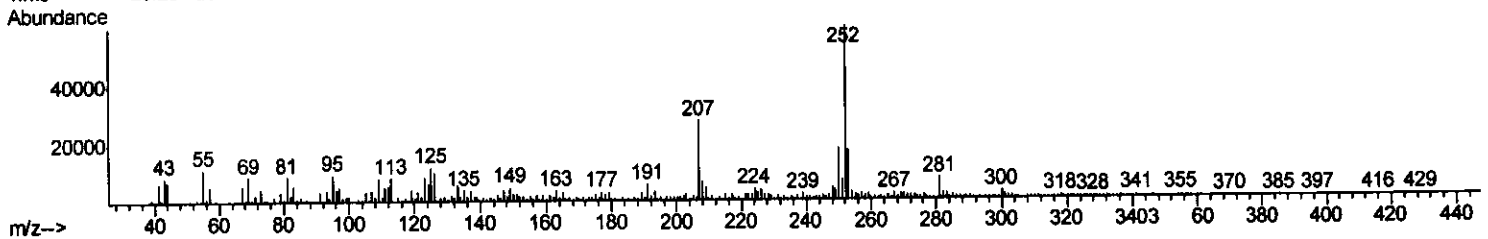
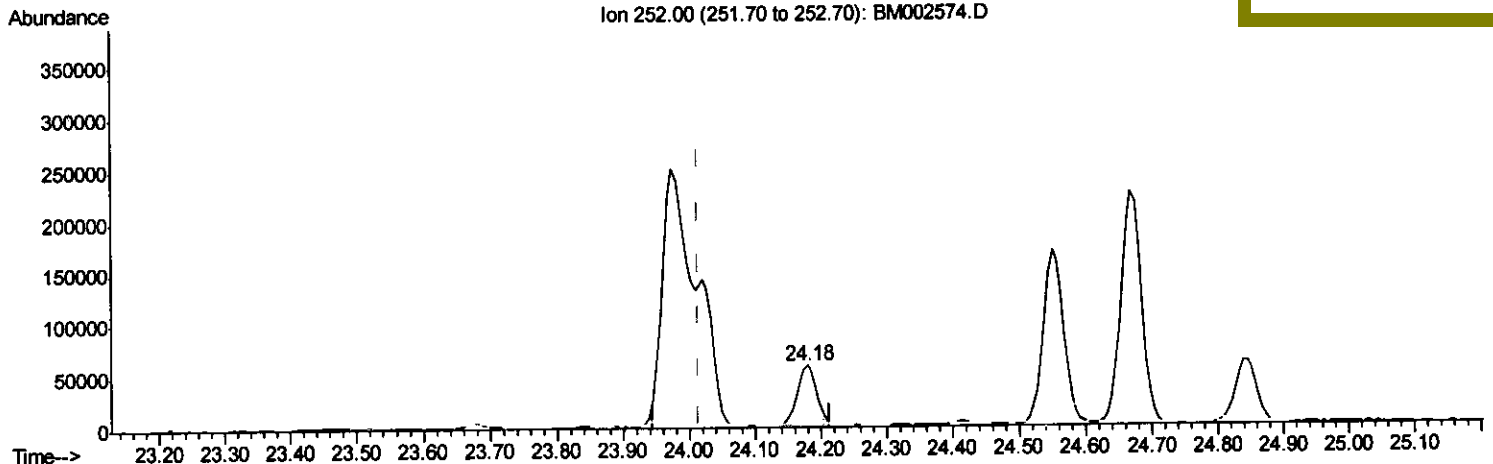
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(24) Benzo(k)fluoranthene

24.180min (+0.165) 3.82ng/ul

response 116206

Ion	Exp%	Act%
252.00	100	100
253.00	22.20	28.87#
125.00	12.30	19.62#
0.00	0.00	0.00

Quantitation Report (Qedit)

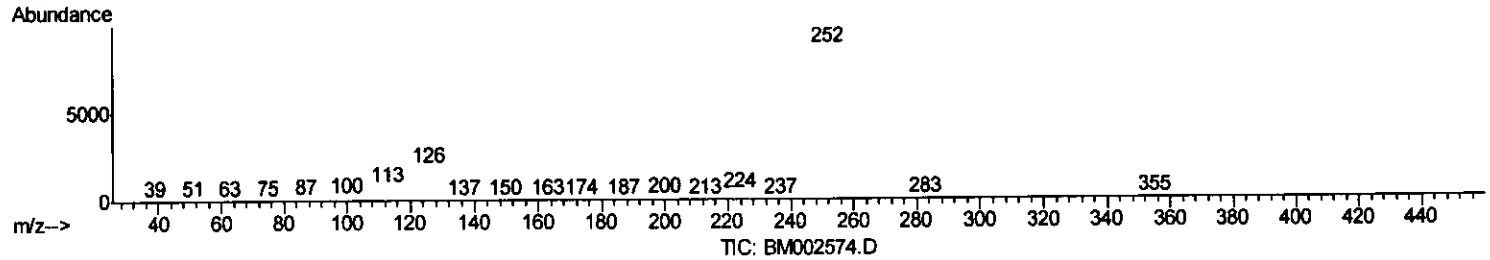
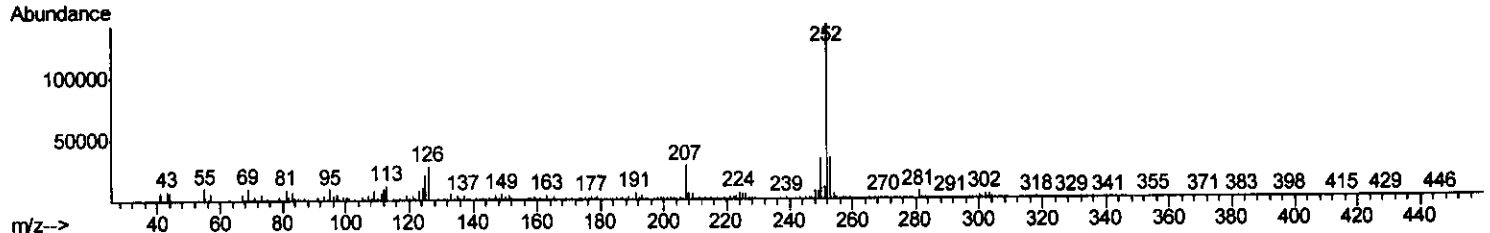
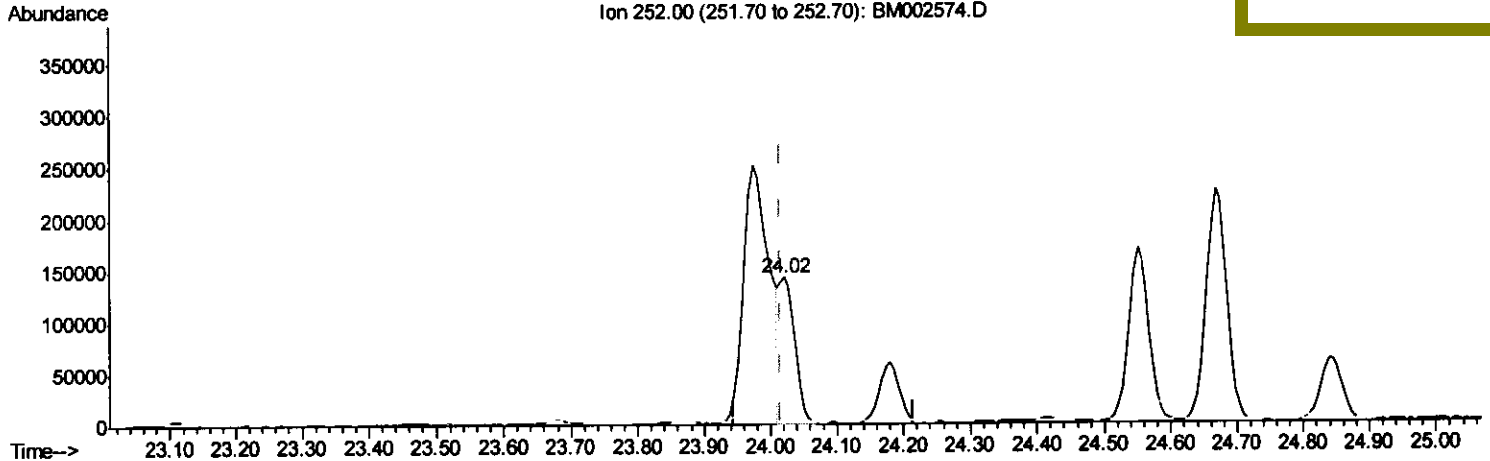
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(24) Benzo(k)fluoranthene

24.021min (+0.006) 7.61ng/ul m U.M

response 231498

Ion	Exp%	Act%
252.00	100	100
253.00	22.20	24.30
125.00	12.30	14.75
0.00	0.00	0.00

9/1/15

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 Operator : UM/IZ
 Sample : G3455-13
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
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Manual Integrations
 APPROVED

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.78	152	171210	20.00	ng/ul	0.00
2) Naphthalene-d8	11.65	136	745186	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.37	164	340332	20.00	ng/ul	0.00
12) Phenanthrene-d10	18.07	188	563155	20.00	ng/ul	0.00
17) Chrysene-d12	22.16	240	511646	20.00	ng/ul	0.00
22) Perylene-d12	24.79	264	530884	20.00	ng/ul	0.01

System Monitoring Compounds

7) Acenaphthylene-d8	15.07	160	521383	14.98	ng/ul	0.00
10) Fluorene-d10	16.34	176	322447	13.19	ng/ul	0.00
14) Anthracene-d10	18.17	188	389725	14.35	ng/ul	0.00
18) Pyrene-d10	20.40	212	330120	14.56	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.61	264	284079	10.19	ng/ul	0.01

Target Compounds

						Qvalue
4) 2-Methylnaphthalene	13.25	142	30898	1.08	ng/ul	93
8) Acenaphthylene	15.10	152	103398	2.84	ng/ul	98
13) Phenanthrene	18.12	178	413704	12.72	ng/ul	99
15) Anthracene	18.21	178	137780	4.18	ng/ul	99
16) Fluoranthene	20.07	202	803672	21.83	ng/ul	96
19) Pyrene	20.43	202	664436	22.17	ng/ul	98
20) Benzo(a)anthracene	22.14	228	464574	15.18	ng/ul	99
21) Chrysene	22.20	228	420898	14.71	ng/ul	96
23) Benzo(b)fluoranthene	23.97	252	672680	20.96	ng/ul	96
24) Benzo(k)fluoranthene	24.02	252	231498m	7.61	ng/ul	
26) Benzo(a)pyrene	24.67	252	482437	15.74	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	27.55	276	384084	10.89	ng/ul	96
28) Dibenzo(a,h)anthracene	27.54	278	102481	3.48	ng/ul#	68
29) Benzo(g,h,i)perylene	28.42	276	378545	12.90	ng/ul	97

U.M
 9/1/15

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