

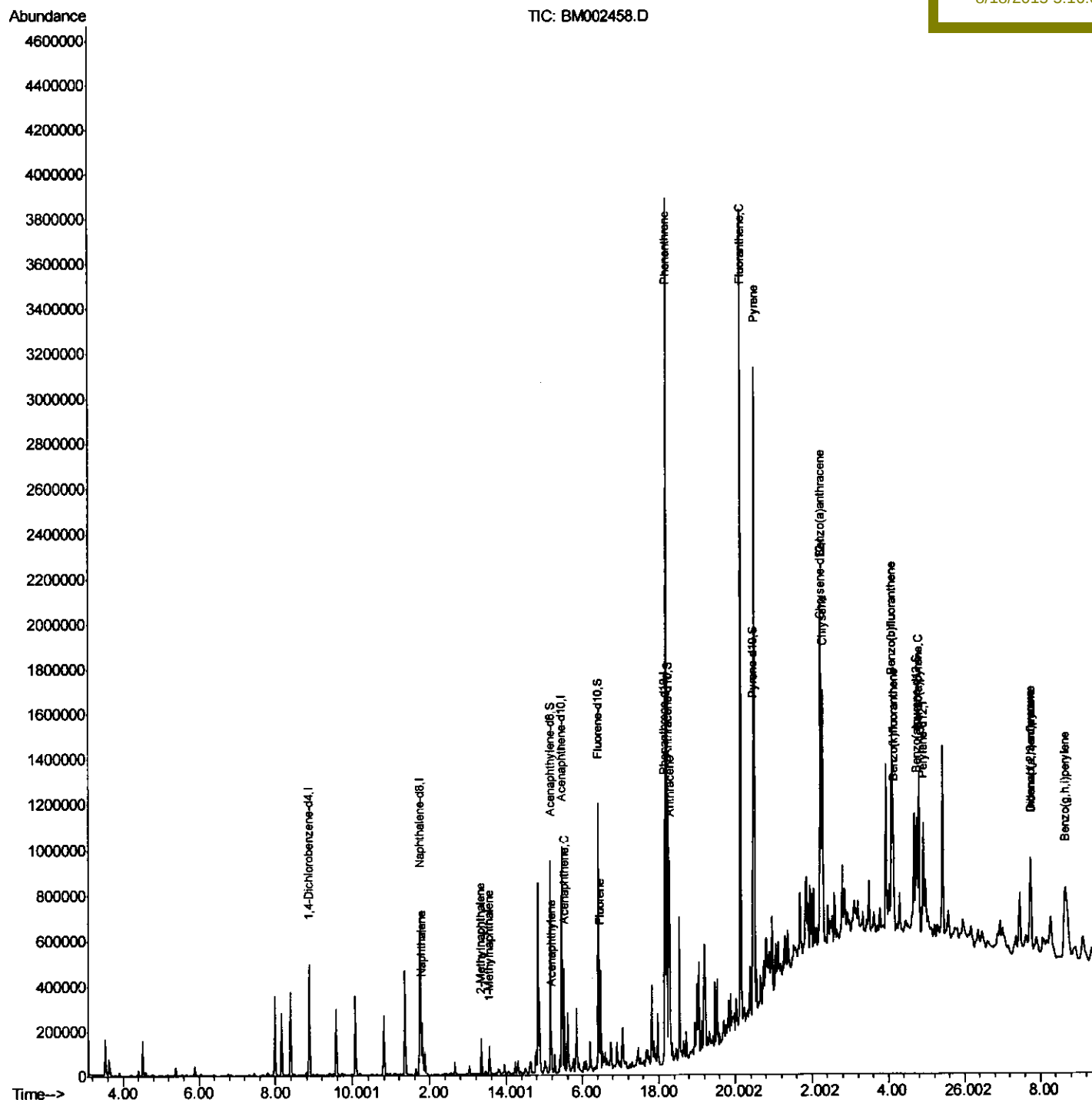
Data Path : Z:\HPCHEM1\BNA M\DATA\BM081715\
Data File : BM002458.D
Acq On : 17 Aug 2015 19:17
Operator : UM/IZ
Sample : G3227-09
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
D9DC8

Quant Time: Aug 18 02:43:50 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM081415MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 18 01:54:16 2015
Response via : Initial Calibration

Manual Integrations
APPROVED

MMDadoda
8/18/2015 5:16:02 PM



Quantitation Report (Qedit)

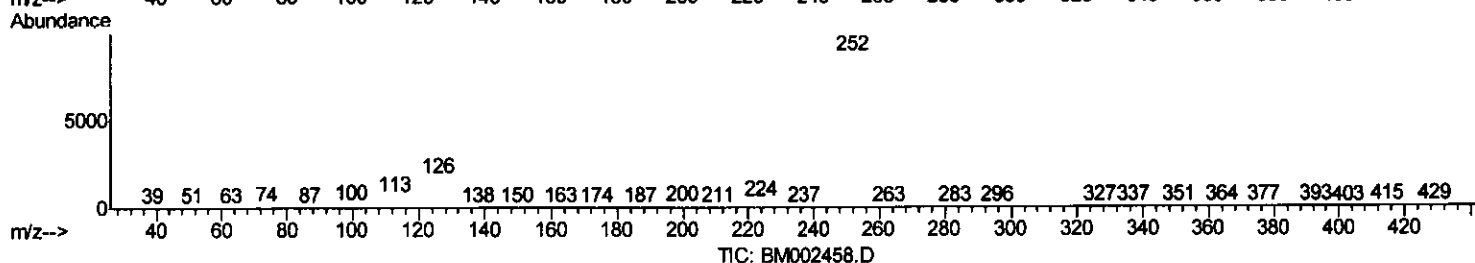
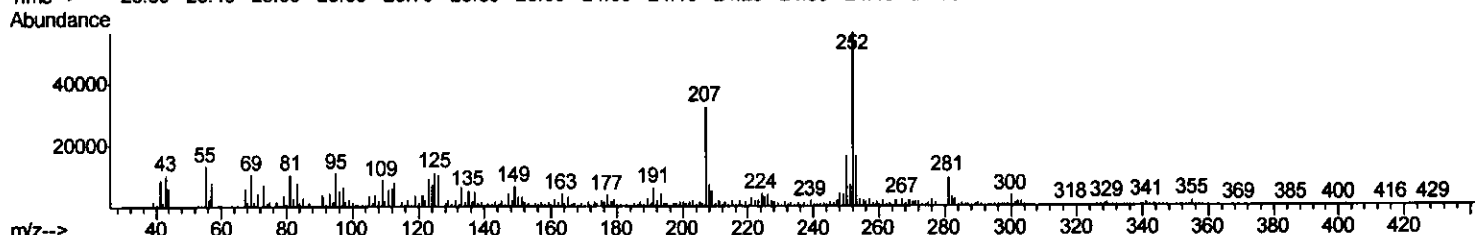
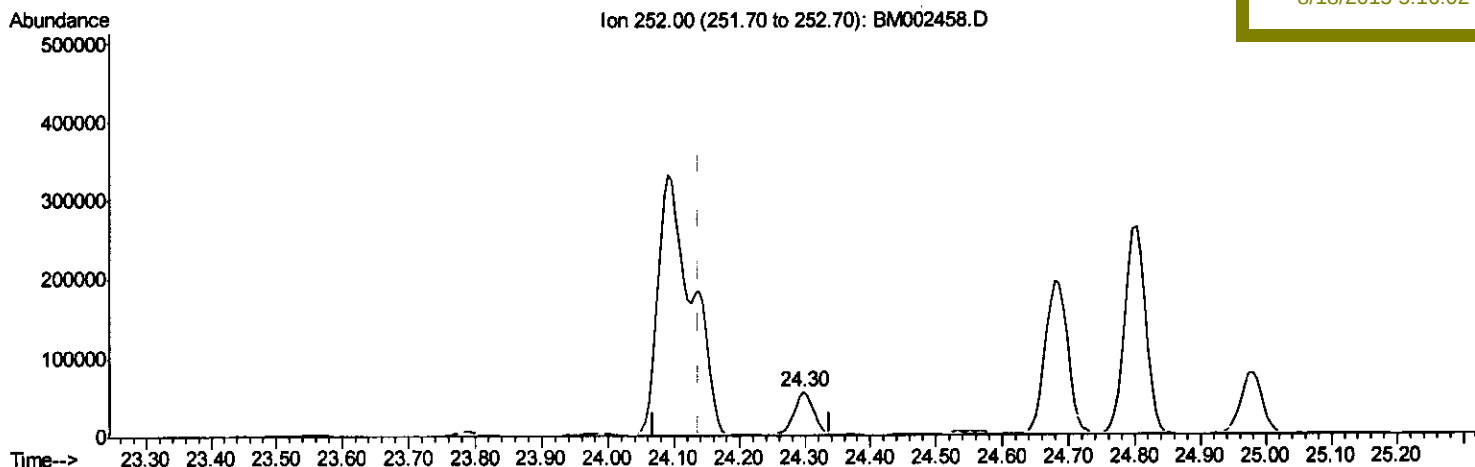
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(24) Benzo(k)fluoranthene

24.297min (+0.159) 4.68ng/ui

response 112158

Ion	Exp%	Act%
252.00	100	100
253.00	22.20	29.26#
125.00	12.30	19.68#
0.00	0.00	0.00

Quantitation Report (Qedit)

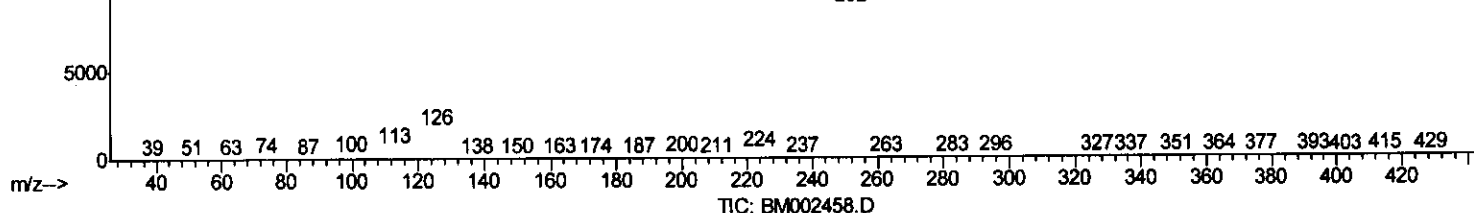
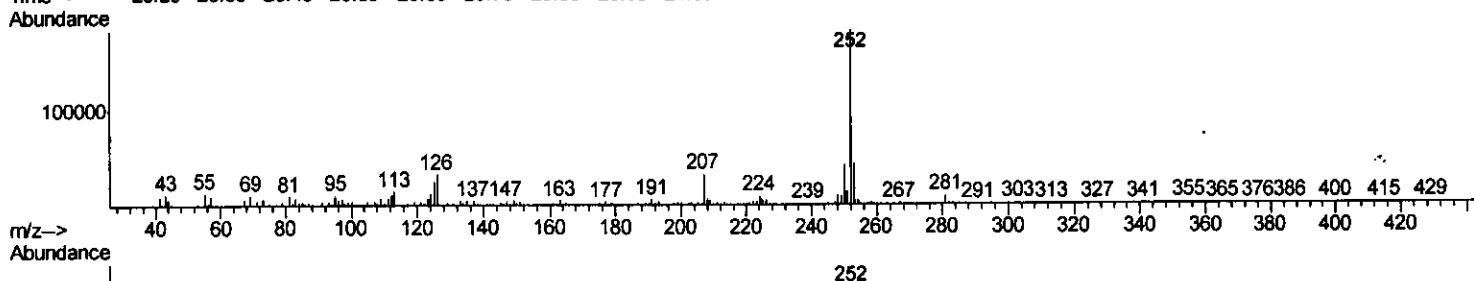
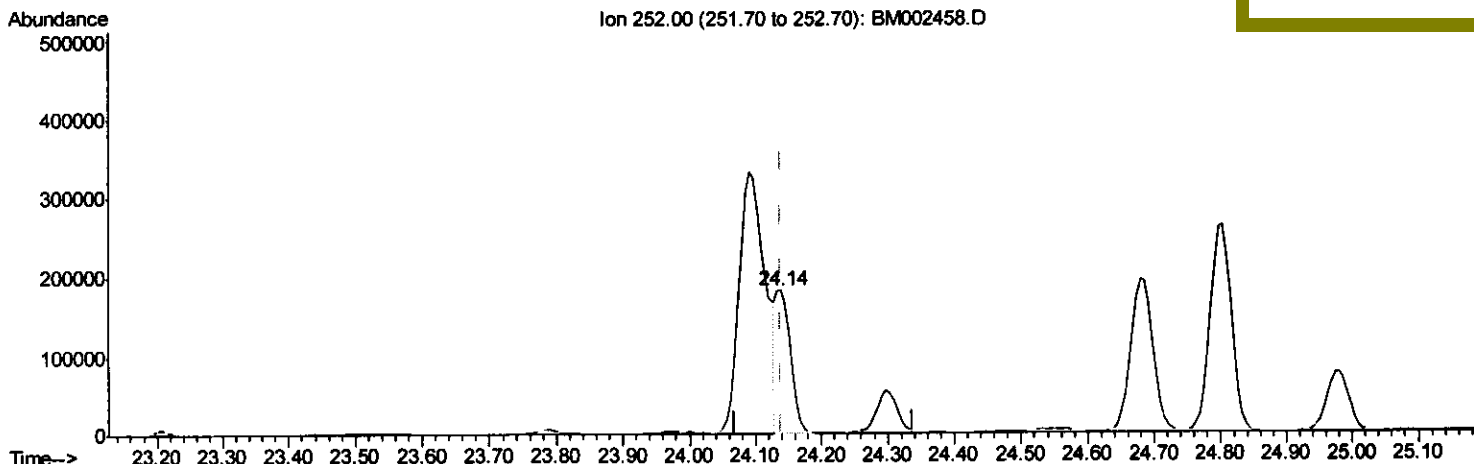
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Manual Integrations
 APPROVED

MMDadoda
 8/18/2015 5:16:02 PM



(24) Benzo(k)fluoranthene

24.138min (+0.000) 11.94ng/ul m U.M

response 285896

8/18/15

Ion	Exp%	Act%
252.00	100	100
253.00	22.20	23.69
125.00	12.30	13.75
0.00	0.00	0.00

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 Sample : G3227-09
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 Client Sample Id :
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Manual Integrations
 APPROVED

MMDadoda
 8/18/2015 5:16:02 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.87	152	147630	20.00	ng/ul	0.00
2) Naphthalene-d8	11.75	136	668726	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.46	164	342003	20.00	ng/ul	0.00
12) Phenanthrene-d10	18.16	188	643378	20.00	ng/ul	0.00
17) Chrysene-d12	22.24	240	428854	20.00	ng/ul	0.00
22) Perylene-d12	24.92	264	417908	20.00	ng/ul	0.01
System Monitoring Compounds						
7) Acenaphthylene-d8	15.16	160	704557	20.15	ng/ul	0.00
10) Fluorene-d10	16.43	176	475566	19.36	ng/ul	0.00
14) Anthracene-d10	18.26	188	634211	20.44	ng/ul	0.00
18) Pyrene-d10	20.48	212	509713	26.81	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.74	264	424610	19.34	ng/ul	0.00
Target Compounds						
					Ovalue	
3) Naphthalene	11.80	128	214476	6.28	ng/ul	99
4) 2-Methylnaphthalene	13.34	142	82005	3.21	ng/ul	95
5) 1-Methylnaphthalene	13.55	142	63200	2.50	ng/ul	100
8) Acenaphthylene	15.19	152	37475	1.02	ng/ul	97
9) Acenaphthene	15.52	153	185572	7.70	ng/ul	98
11) Fluorene	16.48	166	203116	7.35	ng/ul	98
13) Phenanthrene	18.21	178	2415253	65.01	ng/ul	100
15) Anthracene	18.30	178	549139	14.58	ng/ul	99
16) Fluoranthene	20.15	202	2274058	54.07	ng/ul	97
19) Pyrene	20.51	202	1684235	67.04	ng/ul	100
20) Benzo(a)anthracene	22.23	228	705908	27.53	ng/ul	99
21) Chrysene	22.29	228	693672	28.92	ng/ul	97
23) Benzo(b)fluoranthene	24.09	252	905156	35.83	ng/ul	97
24) Benzo(k)fluoranthene	24.14	252	285896m	11.94	ng/ul	97
26) Benzo(a)pyrene	24.80	252	593237	24.58	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	27.76	276	464053	16.72	ng/ul	94
28) Dibenzo(a,h)anthracene	27.75	278	116536	5.02	ng/ul#	74
29) Benzo(a,h,i)perylene	28.64	276	419699	18.17	ng/ul	100

U.M
 8/19/15

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