

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081315\
 Data File : BM002386.D
 Acq On : 13 Aug 2015 06:27
 Operator : UM/IZ
 Sample : G3194-06
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9D87

Manual Integrations
 APPROVED

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 8/14/2015 3:04:52 PM

Quant Time: Aug 13 07:01:01 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080715MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Aug 13 05:08:41 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.90	152	168627	20.00	ng/ul	0.00
2) Naphthalene-d8	11.77	136	739465	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.49	164	360045	20.00	ng/ul	0.00
12) Phenanthrene-d10	18.19	188	652922	20.00	ng/ul	0.00
17) Chrysene-d12	22.28	240	453913	20.00	ng/ul	0.00
22) Perylene-d12	24.98	264	436095	20.00	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
7) Acenaphthylene-d8	15.19	160	552494	14.81	ng/ul	0.00
10) Fluorene-d10	16.46	176	356751	13.75	ng/ul	0.00
14) Anthracene-d10	18.29	188	449062	14.17	ng/ul	0.00
18) Pyrene-d10	20.51	212	352898	16.03	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.80	264	254817	11.00	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Phenanthrene	18.23	178	124673	3.32	ng/ul	99
16) Fluoranthene	20.18	202	167718	4.03	ng/ul	99
19) Pyrene	20.54	202	130855	4.46	ng/ul	95
20) Benzo(a)anthracene	22.26	228	74693	2.70	ng/ul	97
21) Chrysene	22.33	228	79304	3.02	ng/ul	97
23) Benzo(b)fluoranthene	24.14	252	106362	3.92	ng/ul	95
24) Benzo(k)fluoranthene	24.20	252	35008m	1.34	ng/ul	
26) Benzo(a)pyrene	24.86	252	68632	2.65	ng/ul	94
27) Indeno(1,2,3-cd)pyrene	27.83	276	57234	1.93	ng/ul	97
29) Benzo(g,h,i)perylene	28.71	276	60912	2.43	ng/ul	91

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

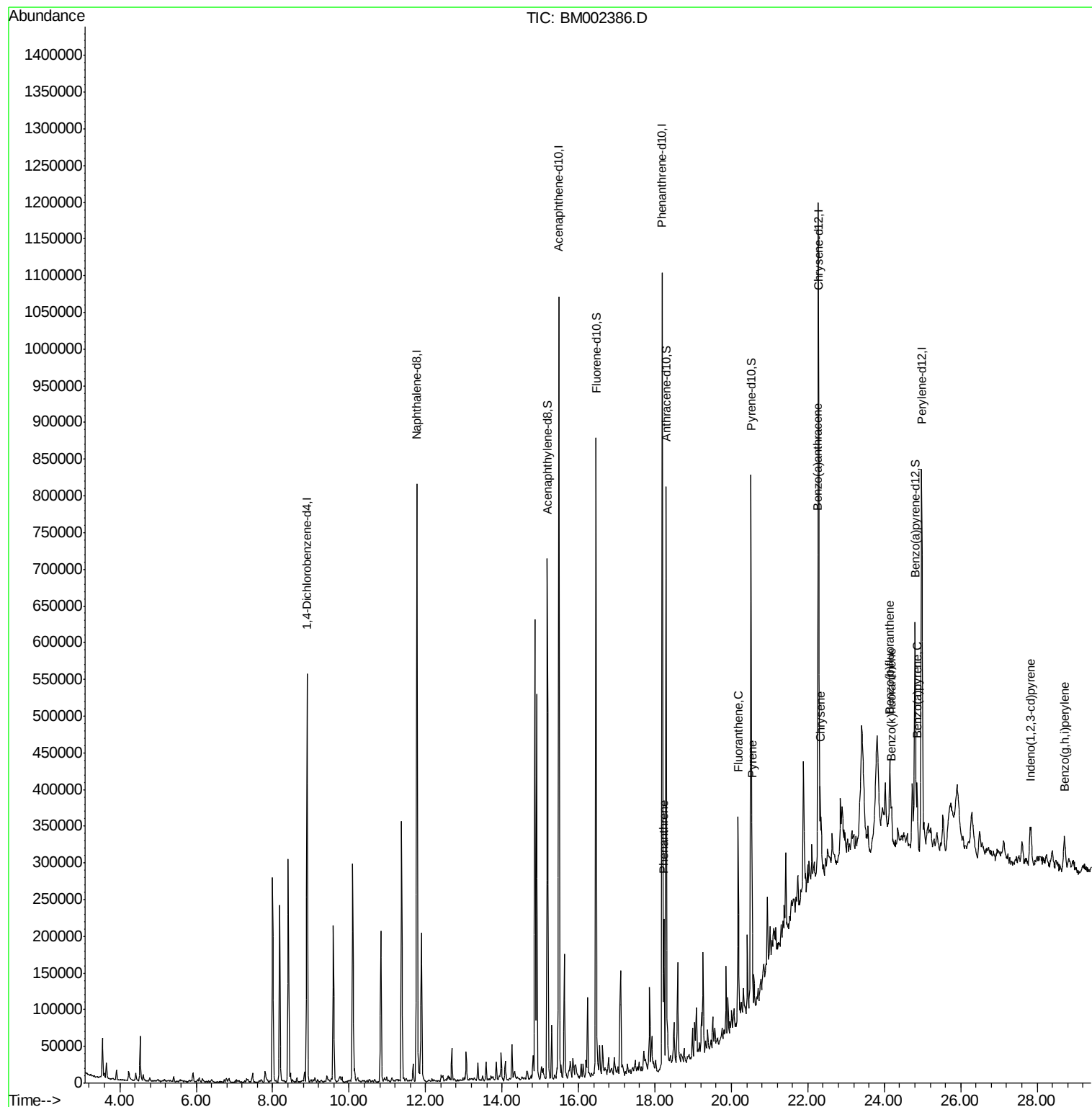
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081315\
Data File : BM002386.D
Acq On : 13 Aug 2015 06:27
Operator : UM/IZ
Sample : G3194-06
Misc :
ALS Vial : 32 Sample Multiplier: 1

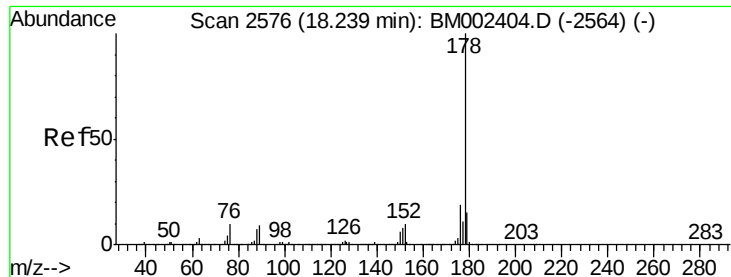
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Quant Time: Aug 13 07:01:01 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080715MA.M
Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration





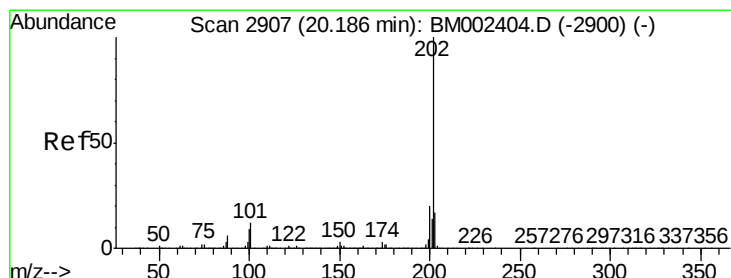
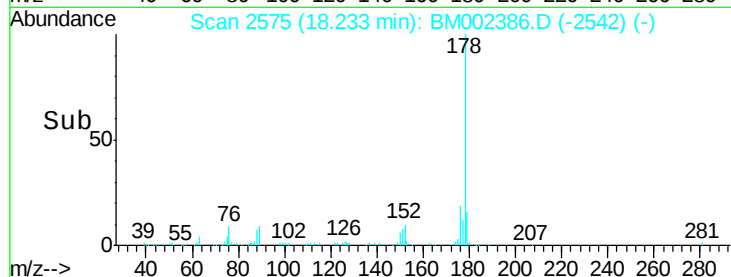
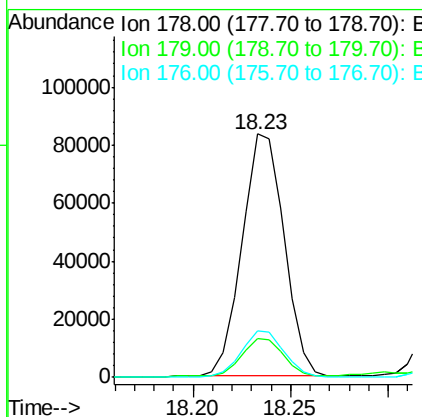
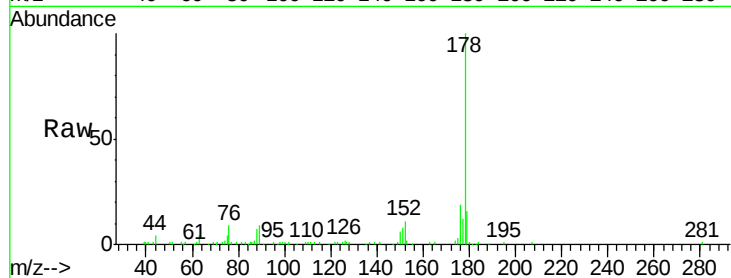
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Phenanthrene
Concen: 3.32 ng/ul
RT: 18.23 min Scan# 2575
Delta R.T. -0.01 min
Lab File: BM002386.D
Acq: 13 Aug 2015 06:27

Instrument :
BNA_M
ClientSampleId :
D9D87

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.9	12.3	18.5
176	18.9	15.3	22.9

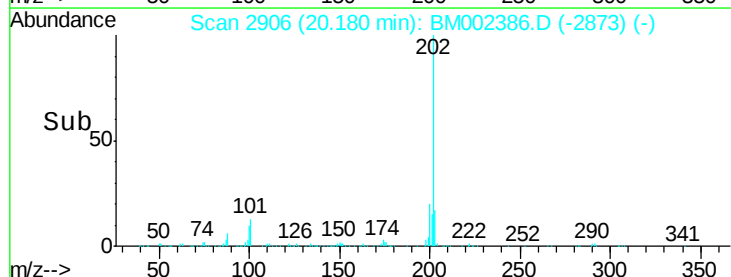
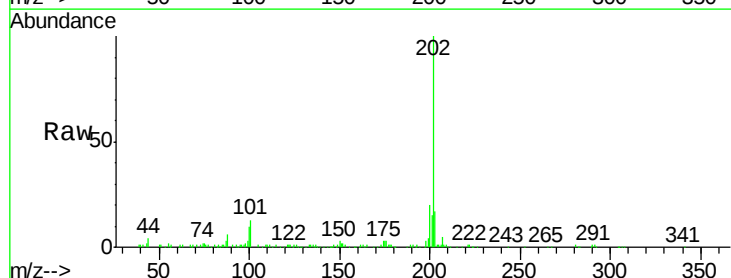
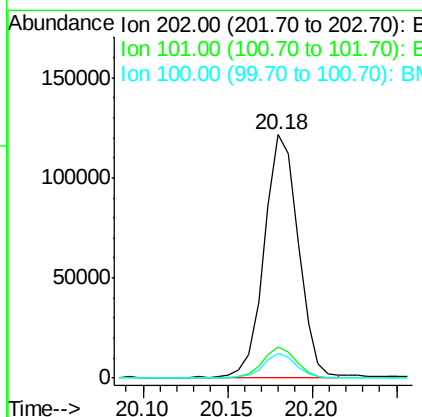
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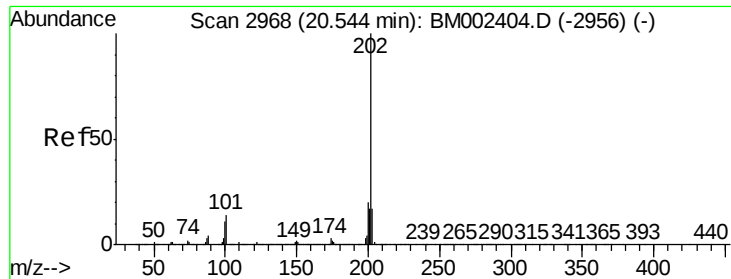
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#16
Fluoranthene
Concen: 4.03 ng/ul
RT: 20.18 min Scan# 2906
Delta R.T. -0.01 min
Lab File: BM002386.D
Acq: 13 Aug 2015 06:27

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.0	10.6	15.8
100	10.0	8.2	12.4





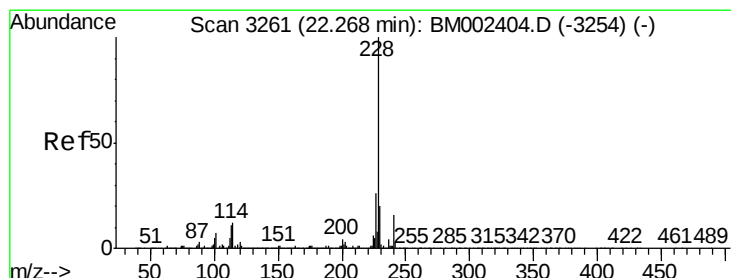
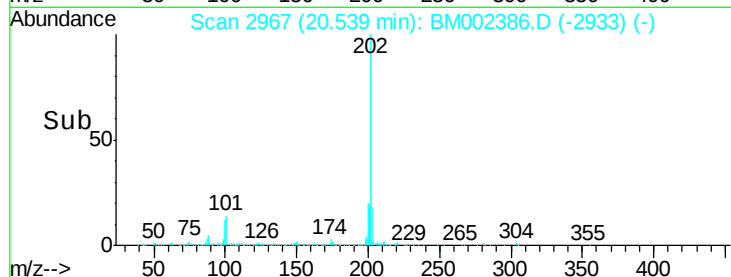
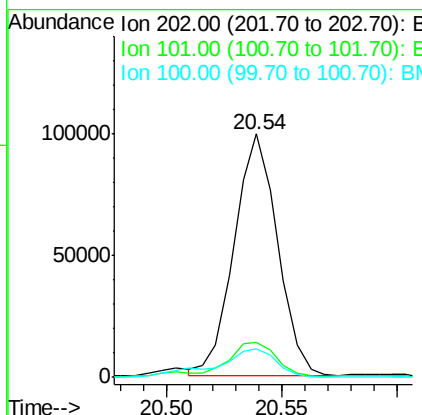
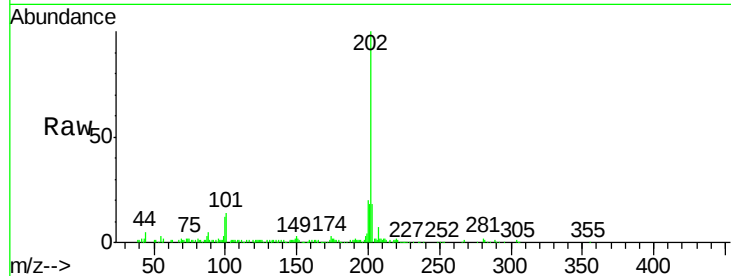
#19
Pyrene
Concen: 4.46 ng/ul
RT: 20.54 min Scan# 2967
Delta R.T. 0.00 min
Lab File: BM002386.D
Acq: 13 Aug 2015 06:27

Instrument :
BNA_M
ClientSampleId :
D9D87

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	14.5	13.0	19.6
100	11.6	11.0	16.4

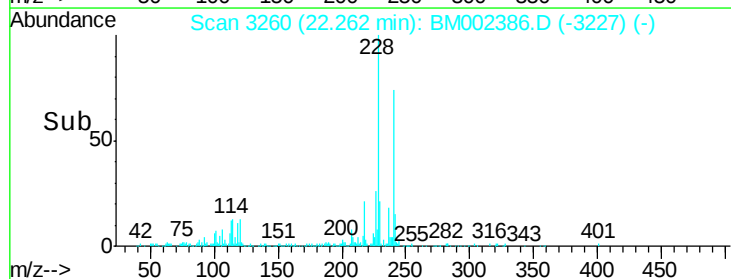
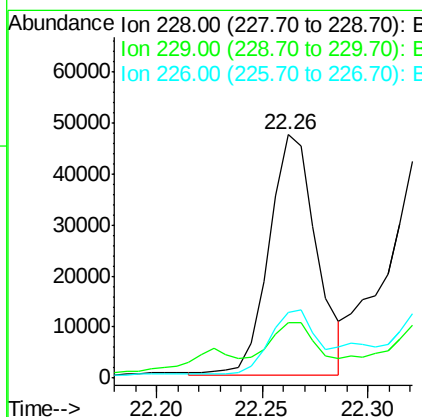
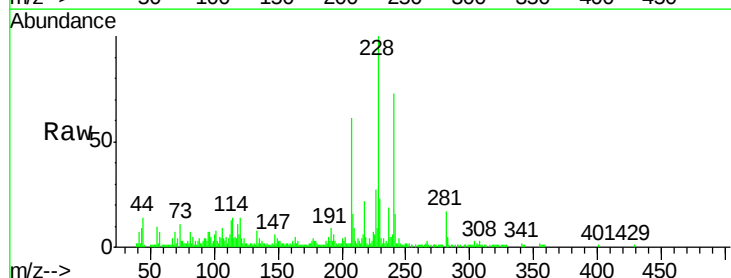
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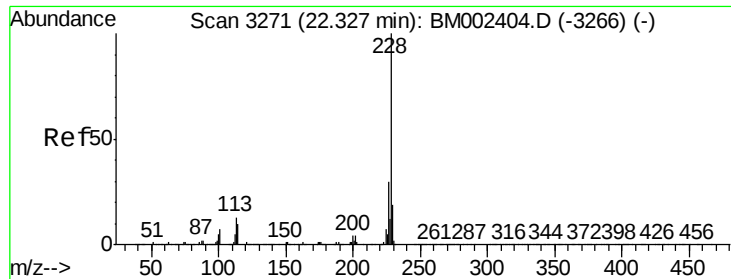
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#20
Benzo(a)anthracene
Concen: 2.70 ng/ul
RT: 22.26 min Scan# 3260
Delta R.T. -0.01 min
Lab File: BM002386.D
Acq: 13 Aug 2015 06:27

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	22.7	15.7	23.5
226	27.1	21.4	32.0





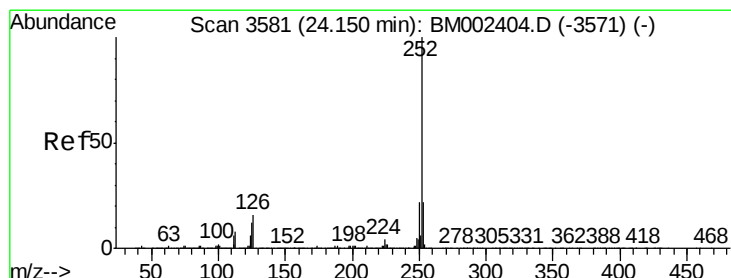
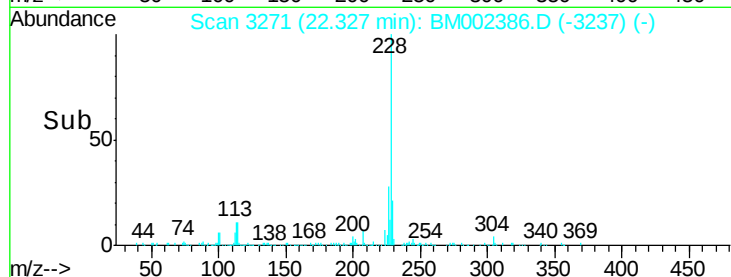
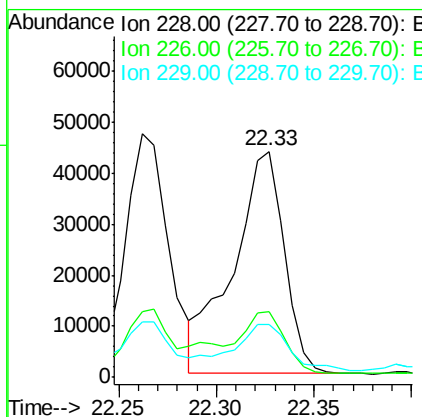
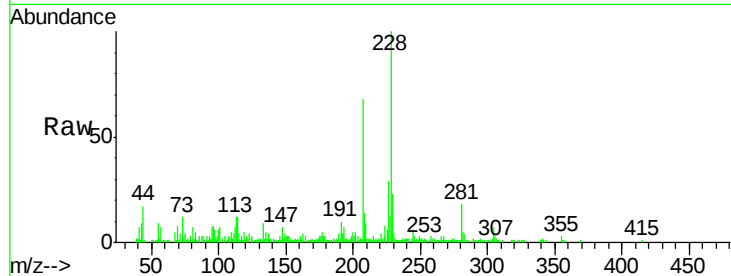
#21
Chrysene
Concen: 3.02 ng/ul
RT: 22.33 min Scan# 3271
Delta R.T. 0.00 min
Lab File: BM002386.D
Acq: 13 Aug 2015 06:27

Instrument :
BNA_M
ClientSampleId :
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Tgt Ion	Ratio	Resp	Lower	Upper
228	100	79304		
226	29.2	23.4	35.0	
229	23.3	15.5	23.3	

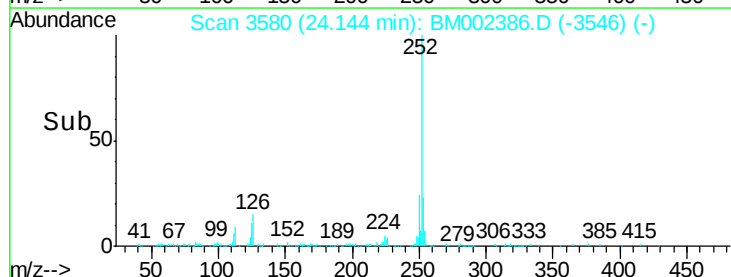
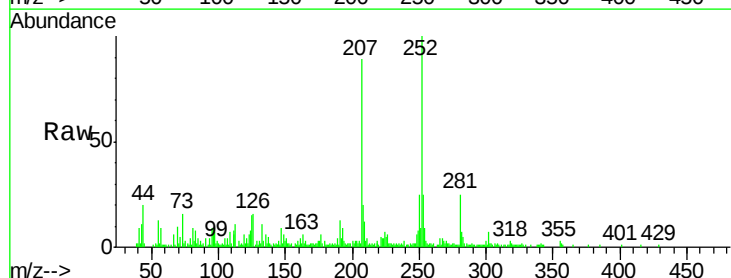
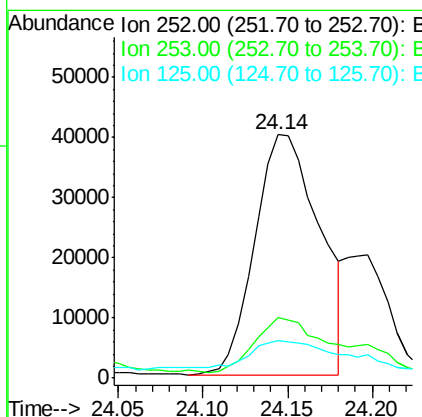
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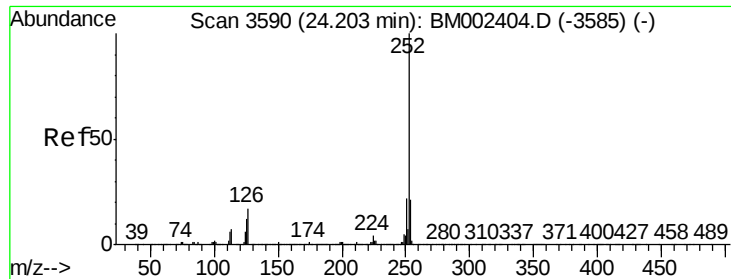
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#23
Benzo(b)fluoranthene
Concen: 3.92 ng/ul
RT: 24.14 min Scan# 3580
Delta R.T. 0.00 min
Lab File: BM002386.D
Acq: 13 Aug 2015 06:27

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	106362		
253	24.9	17.9	26.9	
125	15.2	10.3	15.5	





#24

Benzo(k)fluoranthene

Concen: 1.34 ng/ul m

RT: 24.20 min Scan# 3589

Delta R.T. -0.01 min

Lab File: BM002386.D

Acq: 13 Aug 2015 06:27

Instrument :

BNA_M

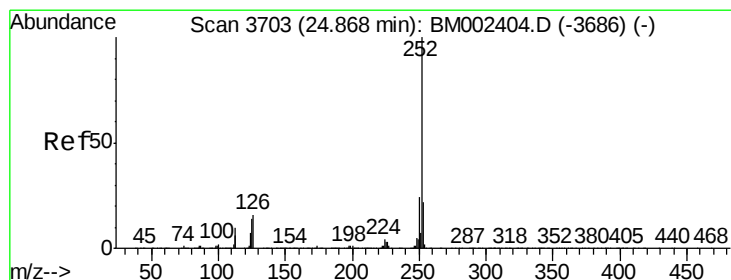
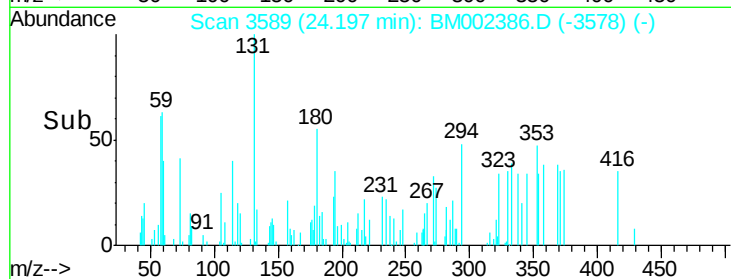
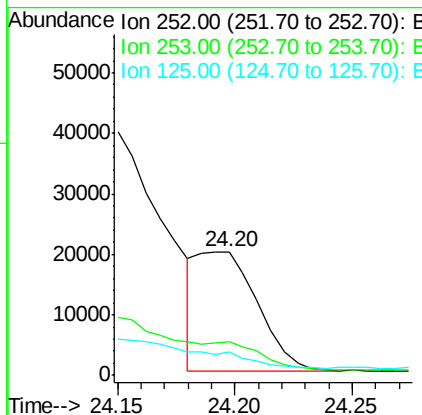
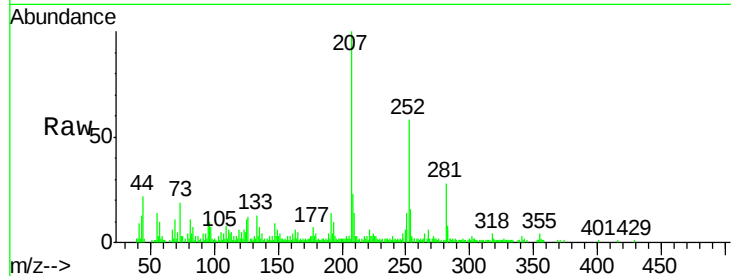
ClientSampleId :

D9D87

Tgt Ion:	252	Resp:	35008
Ion Ratio	Lower	Upper	
252	100		
253	27.0	17.3	25.9#
125	18.8	10.2	15.4#

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#26

Benzo(a)pyrene

Concen: 2.65 ng/ul

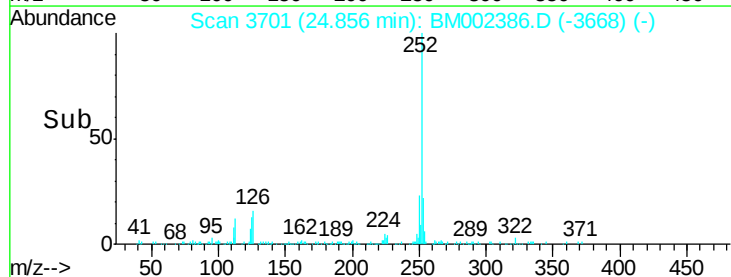
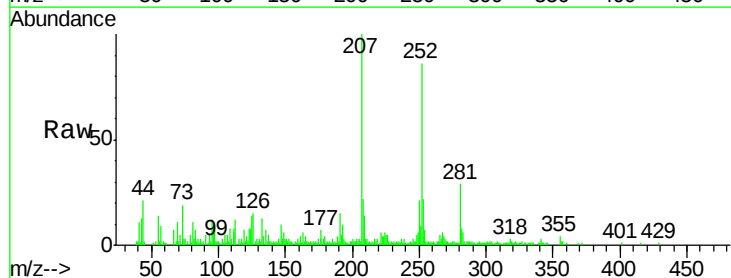
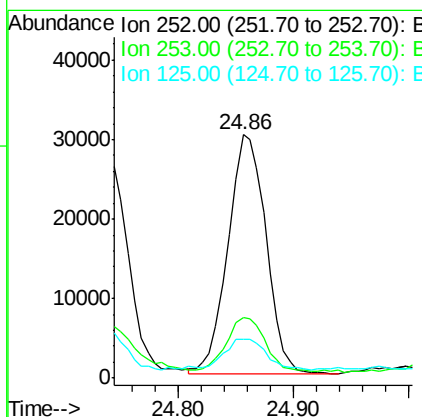
RT: 24.86 min Scan# 3701

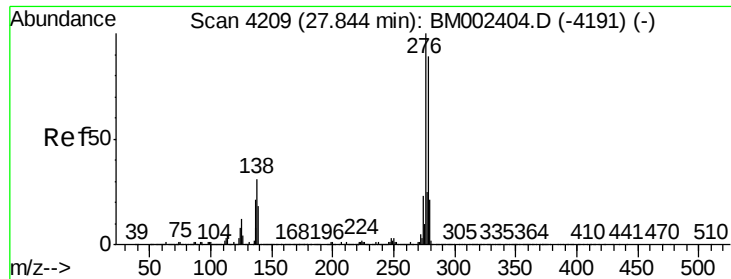
Delta R.T. -0.01 min

Lab File: BM002386.D

Acq: 13 Aug 2015 06:27

Tgt Ion:	252	Resp:	68632
Ion Ratio	Lower	Upper	
252	100		
253	25.1	17.3	25.9
125	15.9	11.0	16.6





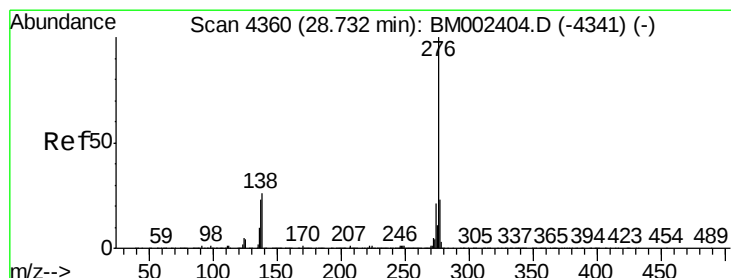
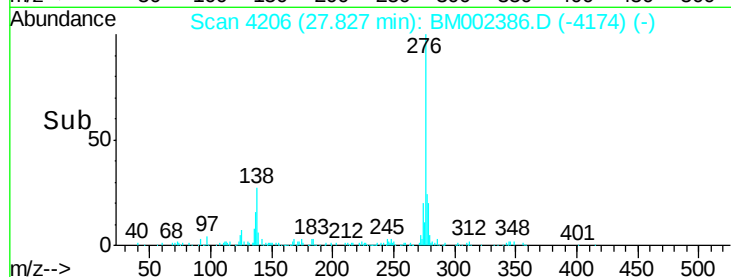
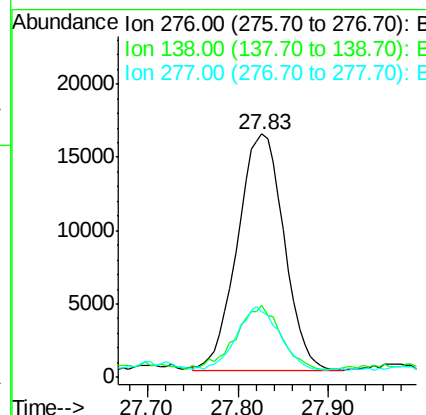
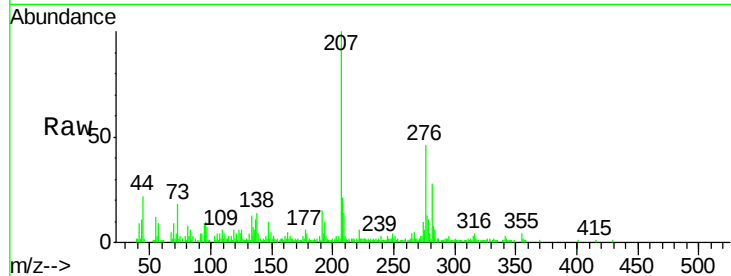
#27
Indeno(1,2,3-cd)pyrene
Concen: 1.93 ng/ul
RT: 27.83 min Scan# 4206
Delta R.T. -0.01 min
Lab File: BM002386.D
Acq: 13 Aug 2015 06:27

Instrument :
BNA_M
ClientSampleId :
D9D87

Tgt Ion	Ratio	Lower	Upper
276	100		
138	29.8	25.6	38.4
277	27.1	21.0	31.4

Manual Integrations
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#29
Benzo(g,h,i)perylene
Concen: 2.43 ng/ul
RT: 28.71 min Scan# 4357
Delta R.T. -0.01 min
Lab File: BM002386.D
Acq: 13 Aug 2015 06:27

Tgt Ion	Ratio	Lower	Upper
276	100		
138	29.8	20.5	30.7
277	28.2	19.0	28.6

