

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081415\
 Data File : BM002407.D
 Acq On : 15 Aug 2015 04:19
 Operator : UM/IZ
 Sample : G3194-20
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9DC0

Manual Integrations
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 8/17/2015 2:44:26 PM

Quant Time: Aug 17 02:43:09 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM081415MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Aug 17 02:04:41 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.87	152	136141	20.00	ng/ul	0.00
2) Naphthalene-d8	11.73	136	660964	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.44	164	353932	20.00	ng/ul	0.00
12) Phenanthrene-d10	18.15	188	730633	20.00	ng/ul	0.00
17) Chrysene-d12	22.22	240	718757	20.00	ng/ul	0.00
22) Perylene-d12	24.88	264	581569	20.00	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
7) Acenaphthylene-d8	15.15	160	715988	19.79	ng/ul	0.00
10) Fluorene-d10	16.42	176	484945	19.08	ng/ul	0.00
14) Anthracene-d10	18.24	188	699346	19.84	ng/ul	0.00
18) Pyrene-d10	20.46	212	713047	22.38	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.71	264	567606	18.58	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Phenanthrene	18.19	178	89411	2.12	ng/ul	99
16) Fluoranthene	20.13	202	232350	4.86	ng/ul	100
19) Pyrene	20.49	202	206807	4.91	ng/ul	98
20) Benzo(a)anthracene	22.20	228	128922	3.00	ng/ul	98
21) Chrysene	22.26	228	156445	3.89	ng/ul	96
23) Benzo(b)fluoranthene	24.06	252	213059	6.06	ng/ul	97
24) Benzo(k)fluoranthene	24.10	252	65393m	1.96	ng/ul	
26) Benzo(a)pyrene	24.76	252	109760	3.27	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	27.68	276	79109	2.05	ng/ul	96
29) Benzo(g,h,i)perylene	28.56	276	73083	2.27	ng/ul	97

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

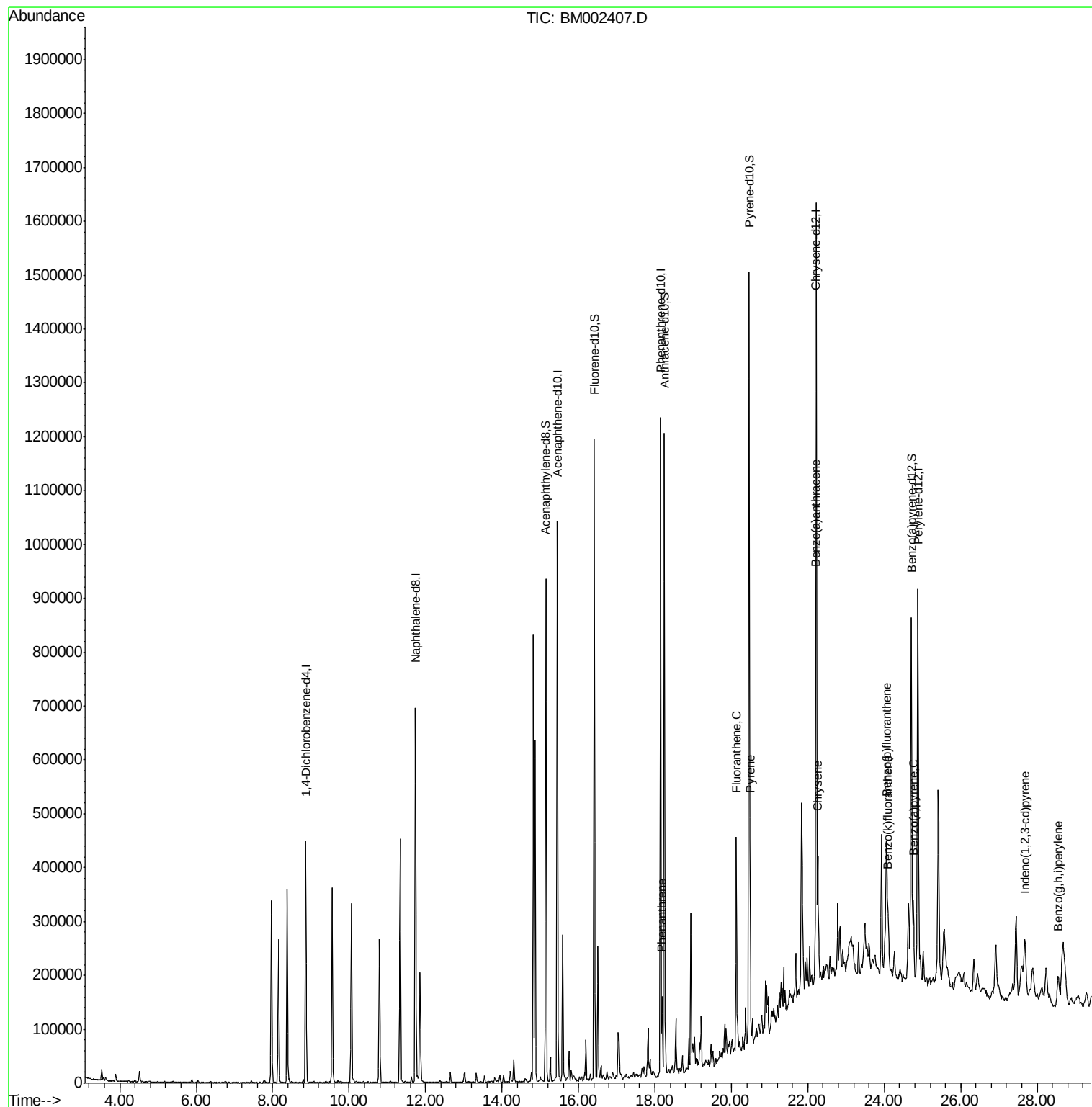
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081415\
Data File : BM002407.D
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Misc :
ALS Vial : 15 Sample Multiplier: 1

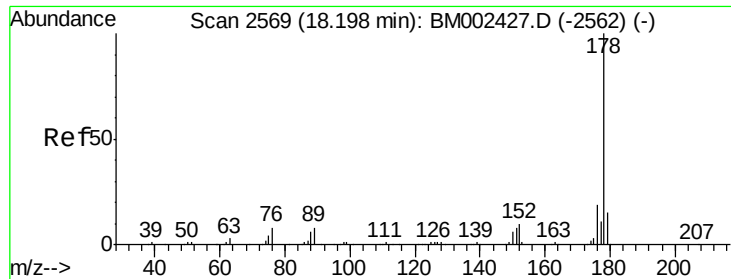
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Quant Time: Aug 17 02:43:09 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM081415MA.M
Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration





#13

Phenanthrene

Concen: 2.12 ng/ul

RT: 18.19 min Scan# 2568

Delta R.T. -0.00 min

Lab File: BM002407.D

Acq: 15 Aug 2015 04:19

Instrument :

BNA_M

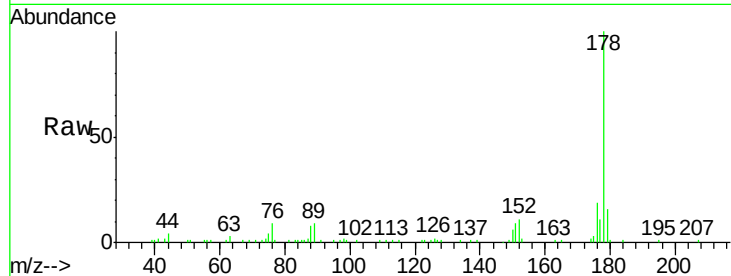
ClientSampleId :

D9DC0

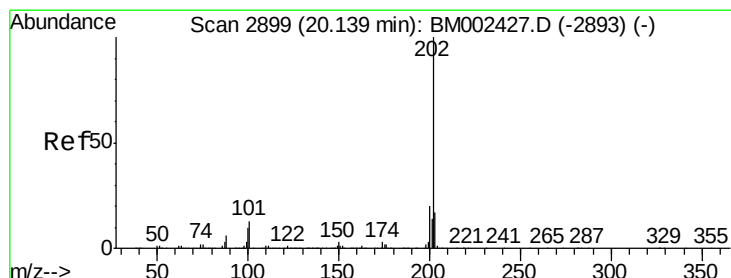
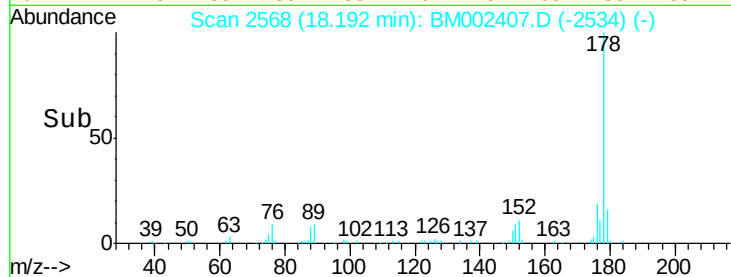
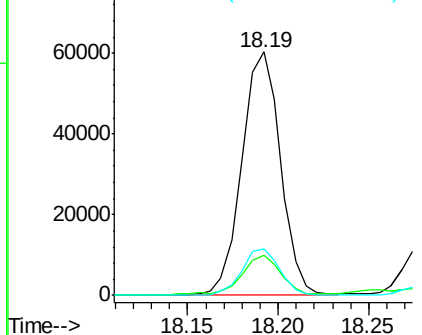
Tgt Ion:	178	Resp:	89411
Ion Ratio	Lower	Upper	
178	100		
179	16.3	12.4	18.6
176	18.9	15.1	22.7

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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E



#16

Fluoranthene

Concen: 4.86 ng/ul

RT: 20.13 min Scan# 2898

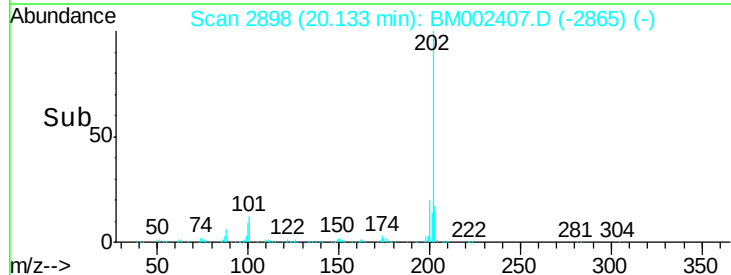
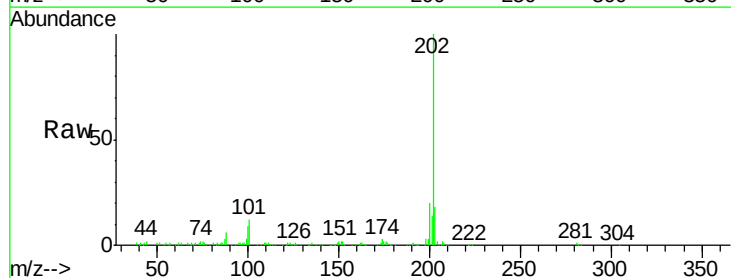
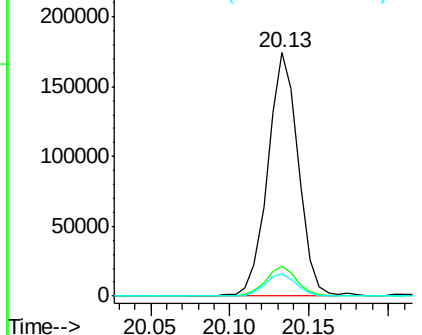
Delta R.T. -0.01 min

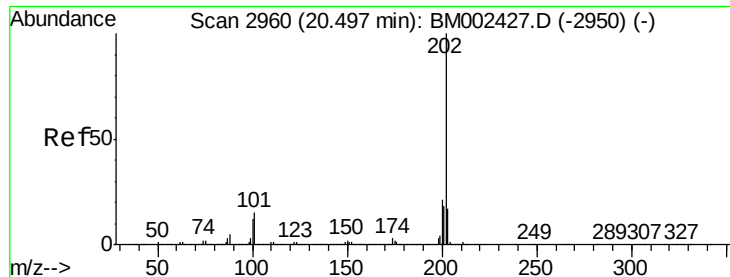
Lab File: BM002407.D

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Tgt Ion:	202	Resp:	232350
Ion Ratio	Lower	Upper	
202	100		
101	12.3	9.7	14.5
100	9.4	7.4	11.2

Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B





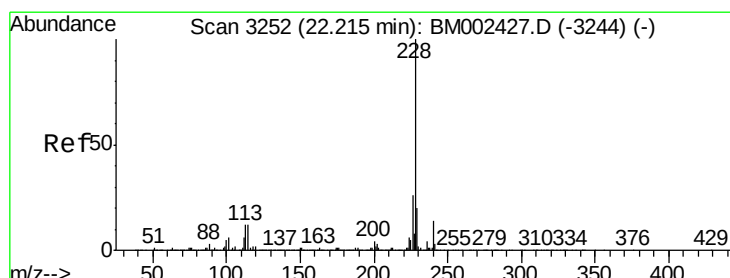
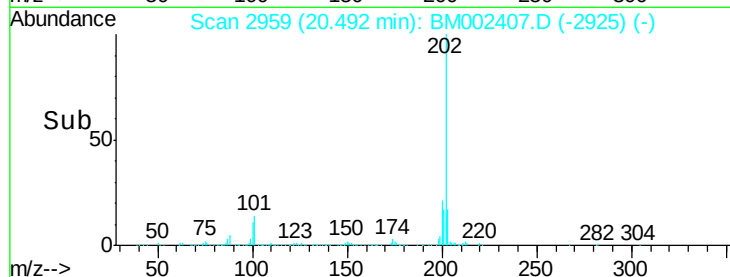
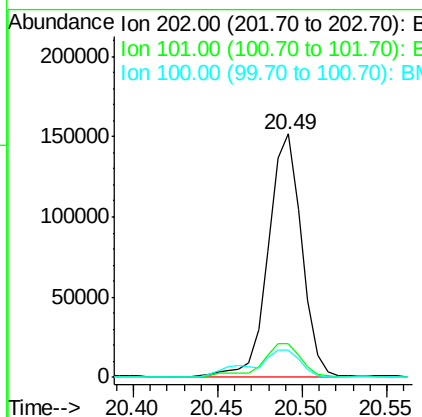
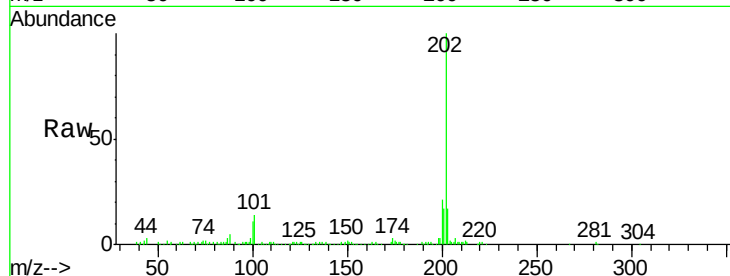
#19
 Pyrene
 Concen: 4.91 ng/ul
 RT: 20.49 min Scan# 2959
 Delta R.T. -0.00 min
 Lab File: BM002407.D
 Acq: 15 Aug 2015 04:19

Instrument :
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Tgt Ion	Ratio	Resp	Lower	Upper
202	100	206807		
101	14.0	12.0	18.0	
100	11.3	9.7	14.5	

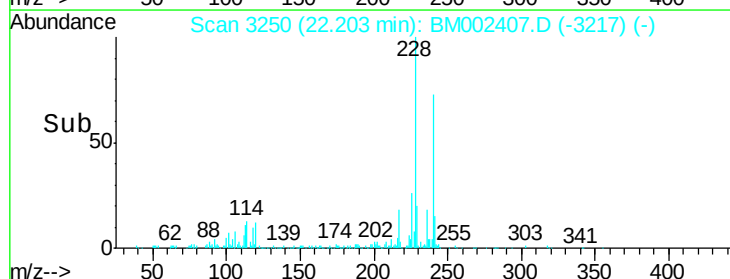
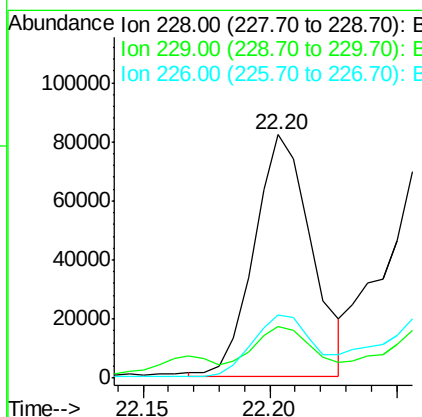
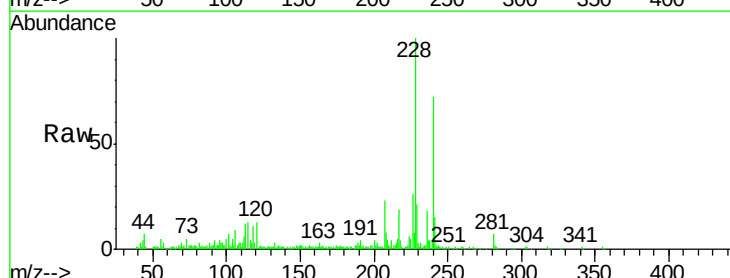
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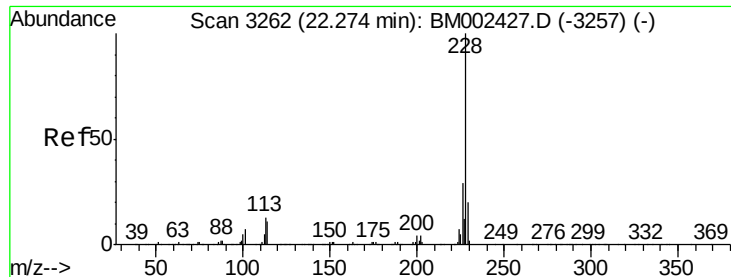
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#20
 Benzo(a)anthracene
 Concen: 3.00 ng/ul
 RT: 22.20 min Scan# 3250
 Delta R.T. -0.01 min
 Lab File: BM002407.D
 Acq: 15 Aug 2015 04:19

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	128922		
229	21.3	15.8	23.6	
226	26.1	21.1	31.7	





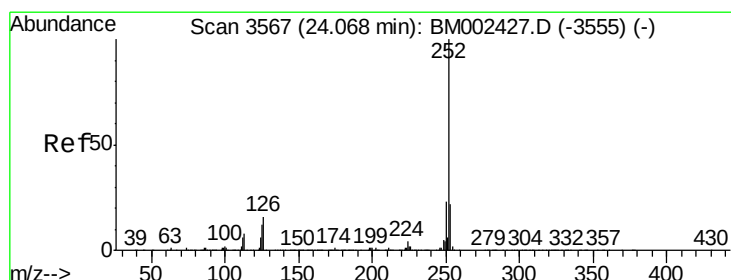
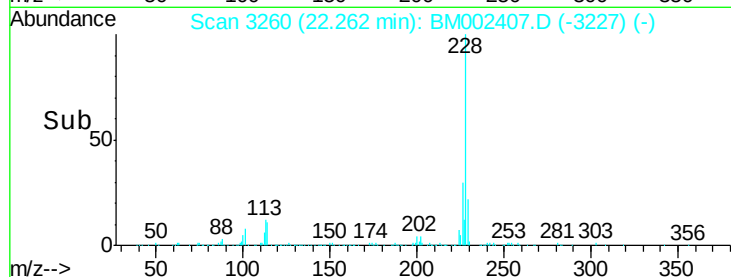
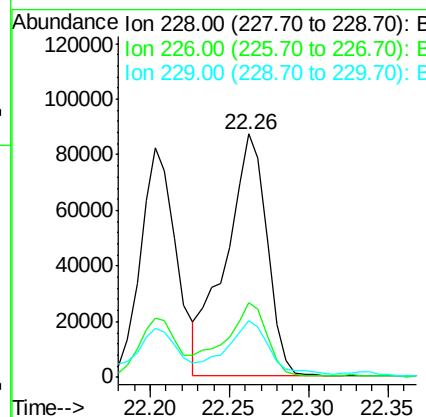
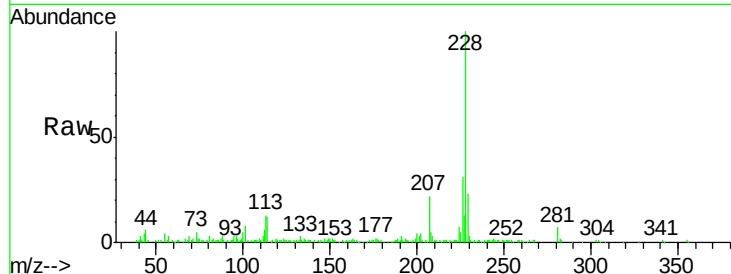
#21
Chrysene
Concen: 3.89 ng/ul
RT: 22.26 min Scan# 3260
Delta R.T. -0.01 min
Lab File: BM002407.D
Acq: 15 Aug 2015 04:19

Instrument :
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ClientSampleId :
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Tgt Ion	Ratio	Resp	Lower	Upper
228	100	156445		
226	30.5	23.4	35.2	
229	23.2	15.7	23.5	

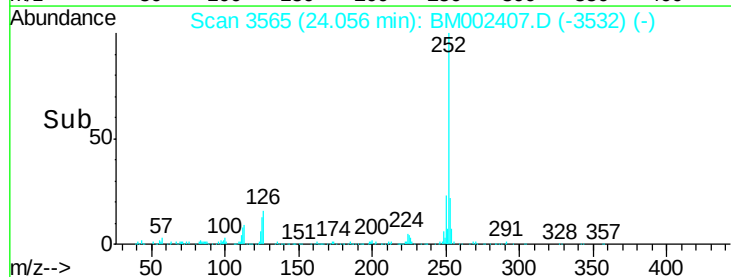
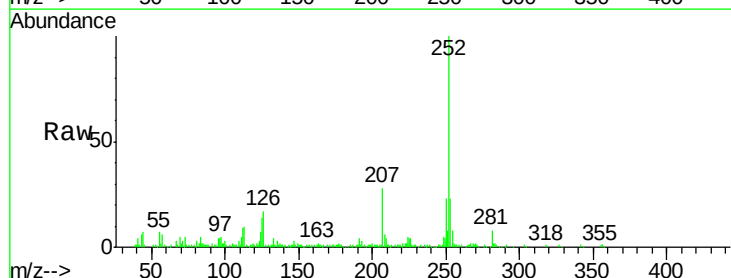
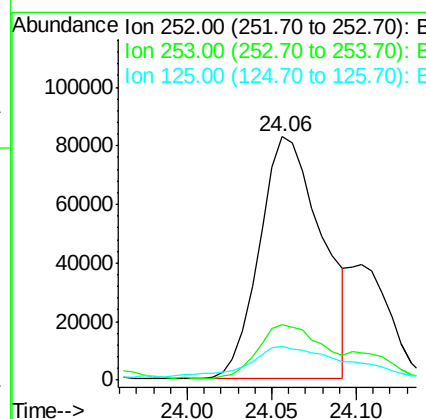
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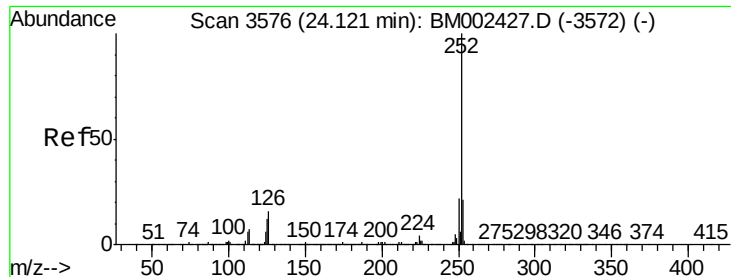
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#23
Benzo(b)fluoranthene
Concen: 6.06 ng/ul
RT: 24.06 min Scan# 3565
Delta R.T. -0.01 min
Lab File: BM002407.D
Acq: 15 Aug 2015 04:19

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	213059		
253	22.8	17.4	26.0	
125	13.9	10.0	15.0	





#24

Benzo(k)fluoranthene

Concen: 1.96 ng/ul m

RT: 24.10 min Scan# 3573

Delta R.T. -0.01 min

Lab File: BM002407.D

Acq: 15 Aug 2015 04:19

Instrument :

BNA_M

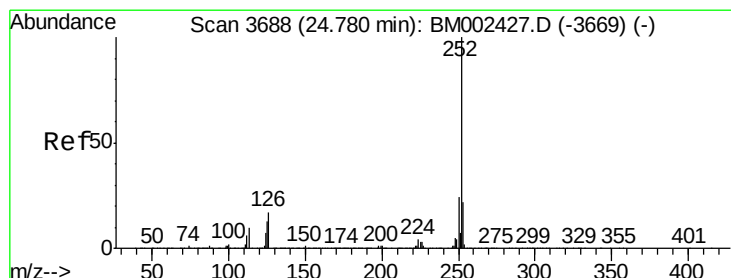
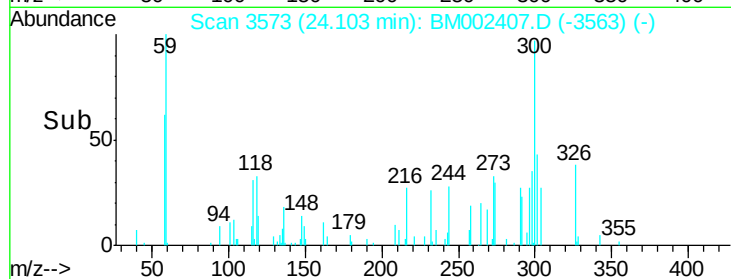
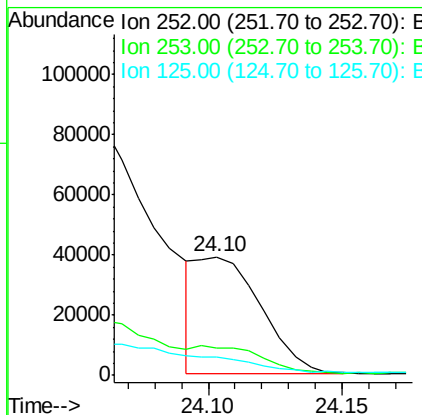
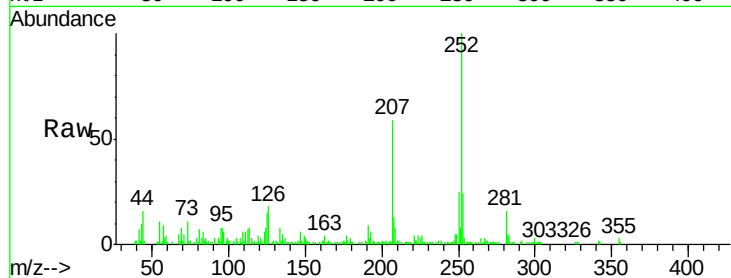
ClientSampleId :

D9DC0

Tgt Ion:	252	Resp:	65393
Ion Ratio	Lower	Upper	
252	100		
253	23.5	17.8	26.6
125	15.0	9.8	14.8

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#26

Benzo(a)pyrene

Concen: 3.27 ng/ul

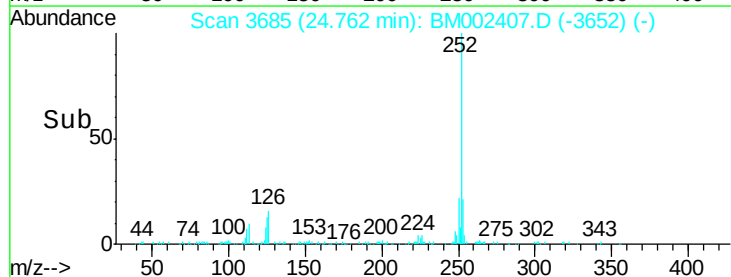
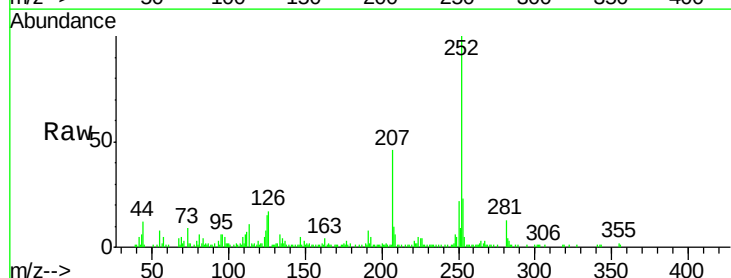
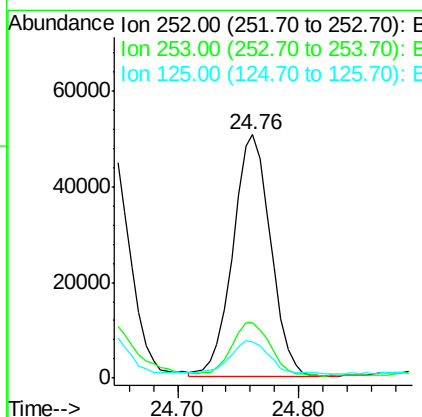
RT: 24.76 min Scan# 3685

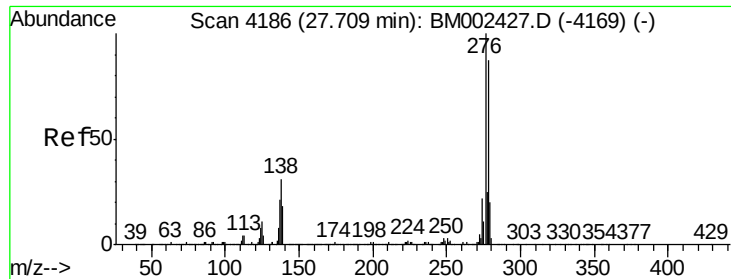
Delta R.T. -0.01 min

Lab File: BM002407.D

Acq: 15 Aug 2015 04:19

Tgt Ion:	252	Resp:	109760
Ion Ratio	Lower	Upper	
252	100		
253	22.6	17.6	26.4
125	14.8	10.7	16.1





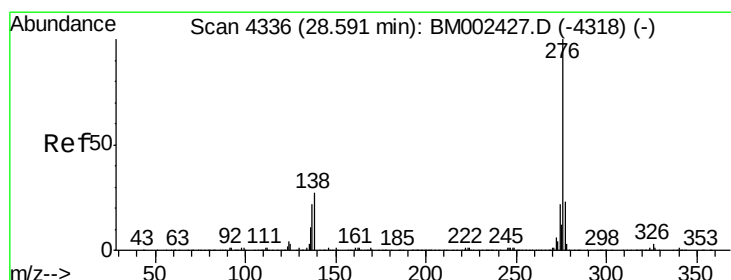
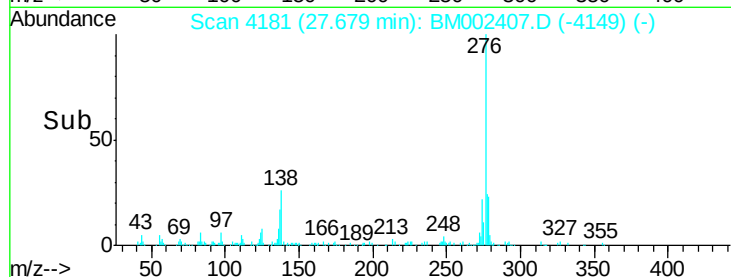
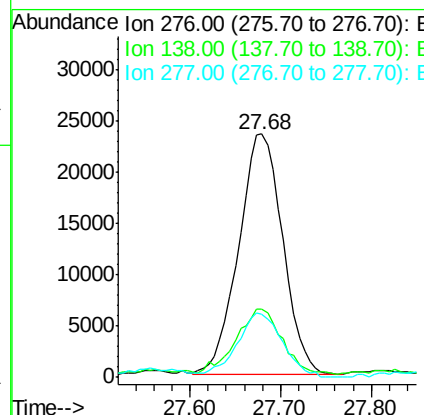
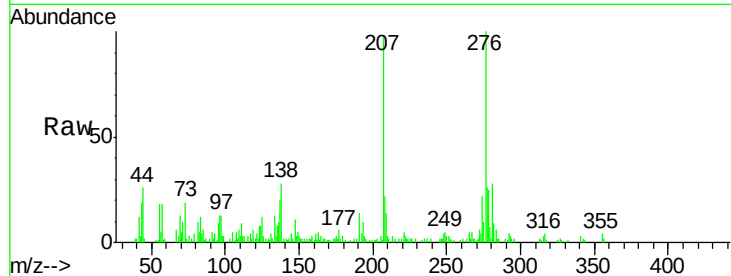
#27
 Indeno(1,2,3-cd)pyrene
 Concen: 2.05 ng/ul
 RT: 27.68 min Scan# 4181
 Delta R.T. -0.01 min
 Lab File: BM002407.D
 Acq: 15 Aug 2015 04:19

Instrument :
 BNA_M
 ClientSampleId :
 D9DC0

Tgt Ion	Ratio	Lower	Upper
276	100		
138	27.8	25.3	37.9
277	25.7	20.2	30.2

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#29
 Benzo(g,h,i)perylene
 Concen: 2.27 ng/ul
 RT: 28.56 min Scan# 4330
 Delta R.T. -0.01 min
 Lab File: BM002407.D
 Acq: 15 Aug 2015 04:19

Tgt Ion	Ratio	Lower	Upper
276	100		
138	28.7	21.0	31.6
277	23.9	19.2	28.8

