

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081415\
 Data File : BM002423.D
 Acq On : 15 Aug 2015 14:08
 Operator : UM/IZ
 Sample : G3194-15
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9DB6

Manual Integrations
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Quant Time: Aug 17 04:49:03 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM081415MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Aug 17 02:54:04 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.87	152	146876	20.00	ng/ul	0.00
2) Naphthalene-d8	11.74	136	669732	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.45	164	348434	20.00	ng/ul	0.00
12) Phenanthrene-d10	18.16	188	691223	20.00	ng/ul	0.00
17) Chrysene-d12	22.23	240	521830	20.00	ng/ul	0.00
22) Perylene-d12	24.90	264	426875	20.00	ng/ul	0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
7) Acenaphthylene-d8	15.15	160	791935	22.23	ng/ul	0.00
10) Fluorene-d10	16.42	176	526232	21.03	ng/ul	0.00
14) Anthracene-d10	18.25	188	740044	22.20	ng/ul	0.00
18) Pyrene-d10	20.47	212	674872	29.18	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.72	264	456254	20.35	ng/ul	0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Phenanthrene	18.20	178	126120	3.16	ng/ul	99
16) Fluoranthene	20.14	202	280192	6.20	ng/ul	98
19) Pyrene	20.50	202	239708	7.84	ng/ul	98
20) Benzo(a)anthracene	22.22	228	118855	3.81	ng/ul	97
21) Chrysene	22.27	228	137492	4.71	ng/ul	96
23) Benzo(b)fluoranthene	24.07	252	173876	6.74	ng/ul#	95
24) Benzo(k)fluoranthene	24.12	252	62564m	2.56	ng/ul	
26) Benzo(a)pyrene	24.78	252	105902	4.30	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	27.70	276	81837	2.89	ng/ul	92
29) Benzo(g,h,i)perylene	28.58	276	81719	3.46	ng/ul	99

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

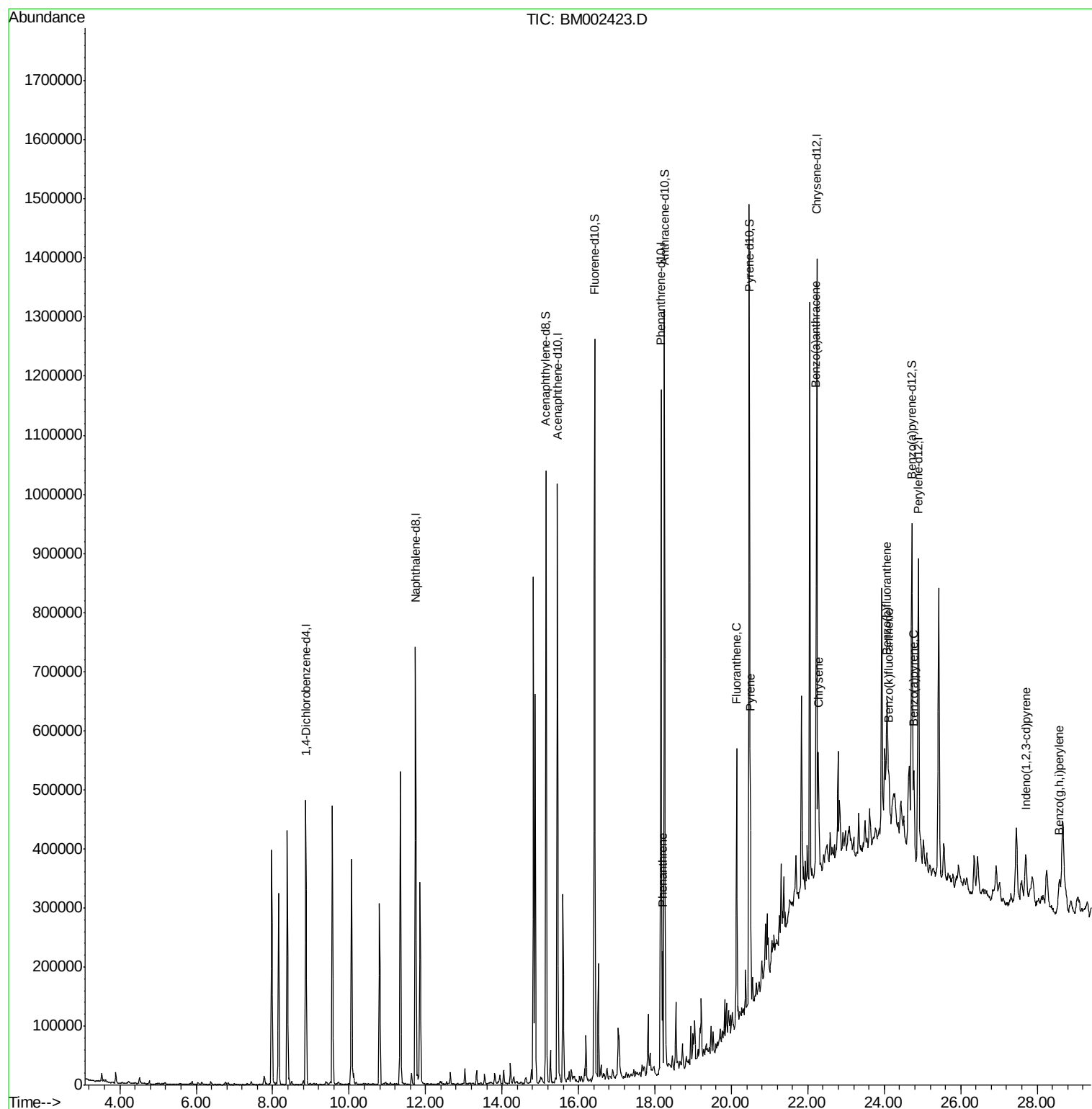
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081415\
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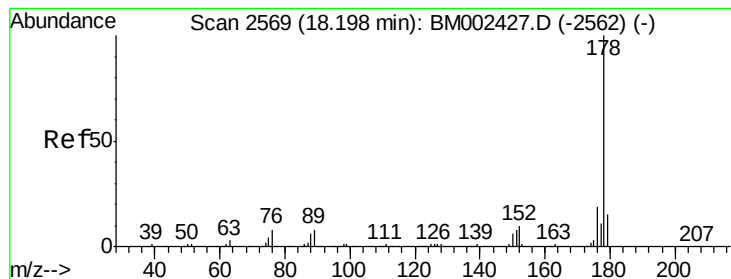
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM081415MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 17 02:54:04 2015
Response via : Initial Calibration





#13

Phenanthrene

Concen: 3.16 ng/ul

RT: 18.20 min Scan# 2569

Delta R.T. 0.01 min

Lab File: BM002423.D

Acq: 15 Aug 2015 14:08

Instrument :

BNA_M

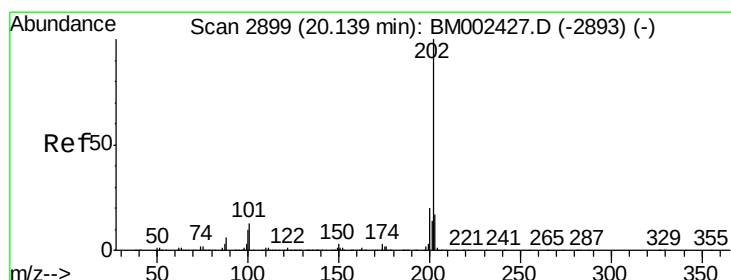
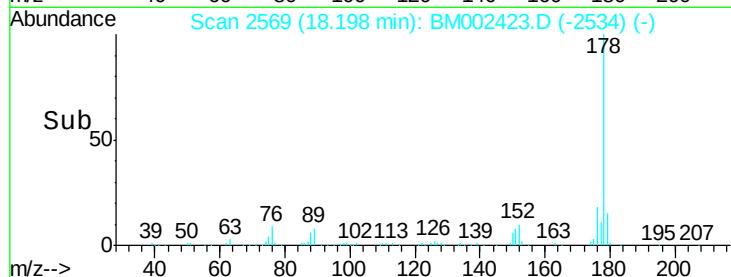
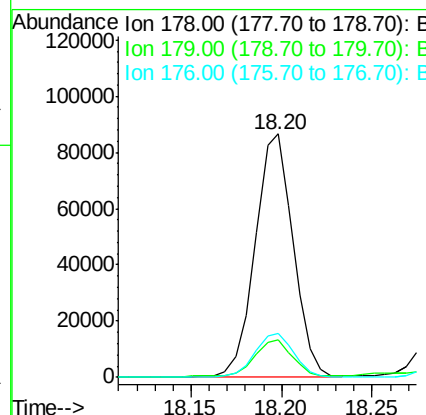
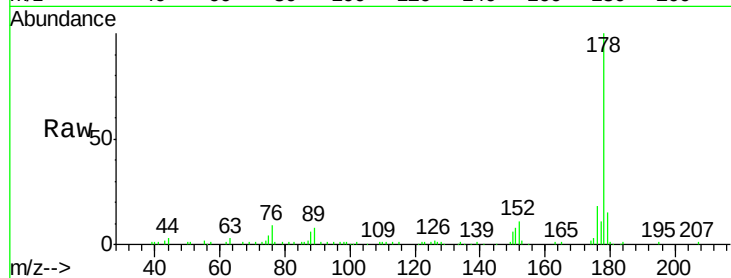
ClientSampled :

D9DB6

Tgt	Ion	Resp	Lower	Upper
178	100			
179	15.3	12.4	18.6	
176	18.2	15.1	22.7	

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#16

Fluoranthene

Concen: 6.20 ng/ul

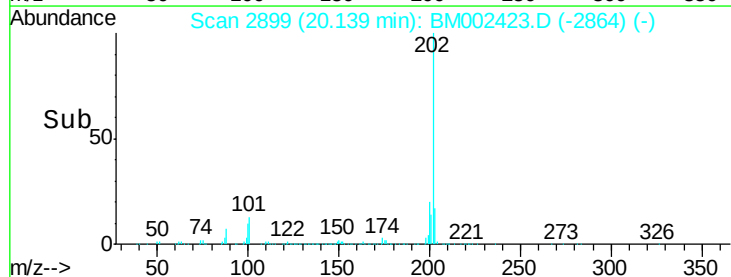
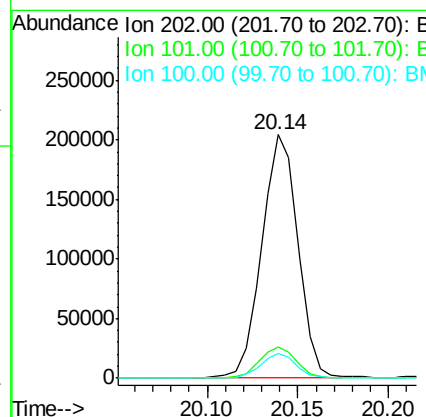
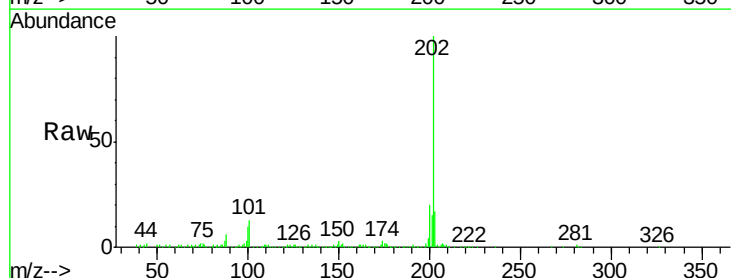
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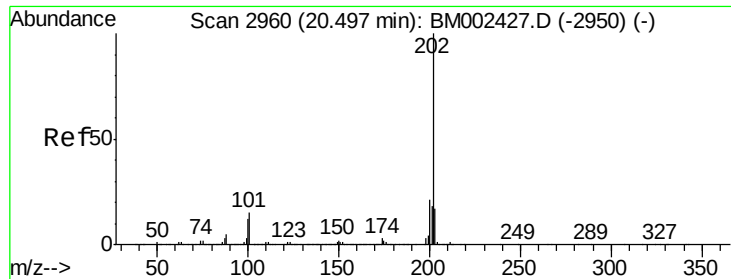
Delta R.T. 0.01 min

Lab File: BM002423.D

Acq: 15 Aug 2015 14:08

Tgt	Ion	Resp	Lower	Upper
202	100			
101	12.9	9.7	14.5	
100	10.0	7.4	11.2	





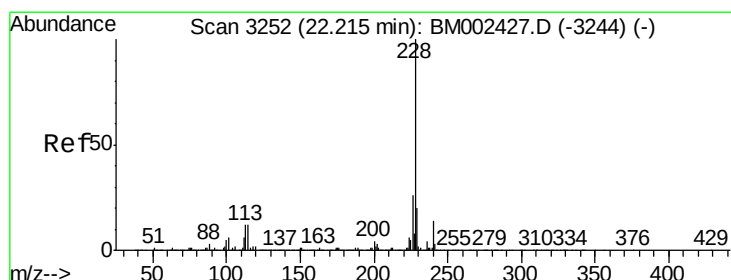
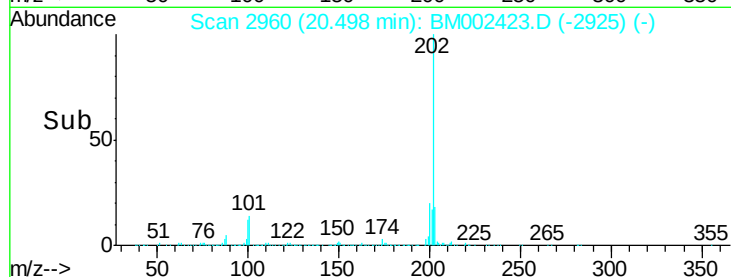
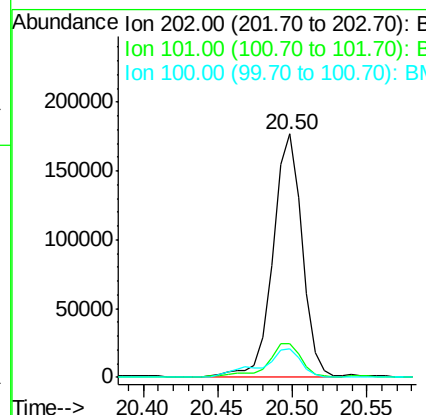
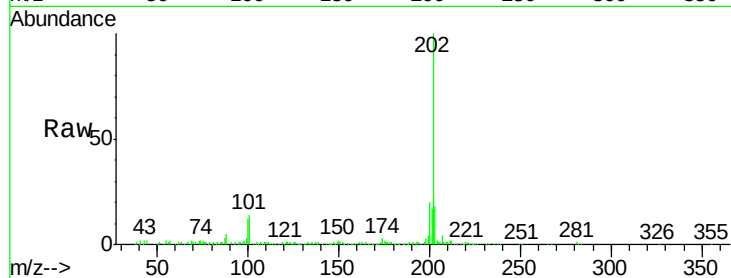
#19
 Pyrene
 Concen: 7.84 ng/ul
 RT: 20.50 min Scan# 2960
 Delta R.T. 0.01 min
 Lab File: BM002423.D
 Acq: 15 Aug 2015 14:08

Instrument :
 BNA_M
 ClientSampleId :
 D9DB6

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	239708		
101	13.8	12.0	18.0	
100	11.7	9.7	14.5	

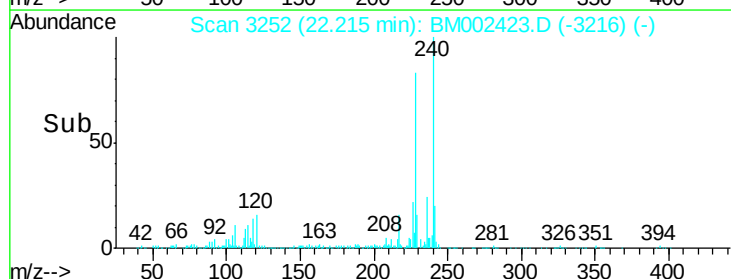
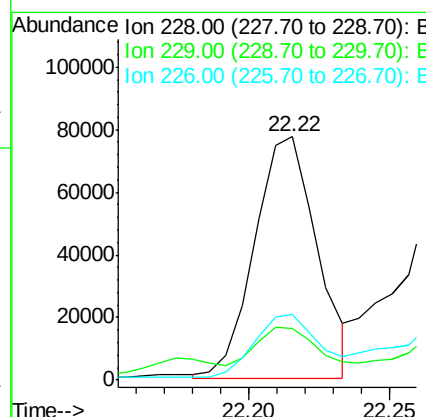
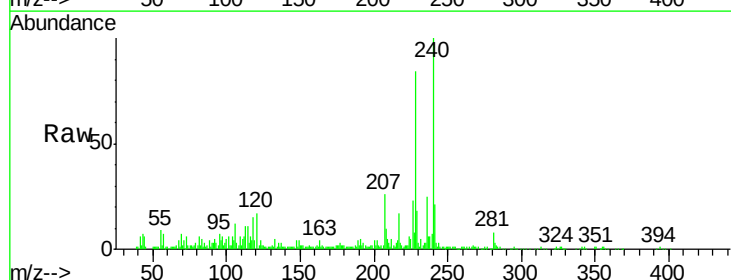
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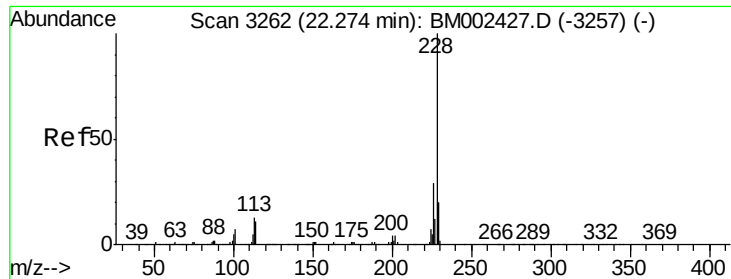
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#20
 Benzo(a)anthracene
 Concen: 3.81 ng/ul
 RT: 22.22 min Scan# 3252
 Delta R.T. 0.01 min
 Lab File: BM002423.D
 Acq: 15 Aug 2015 14:08

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	118855		
229	21.5	15.8	23.6	
226	27.2	21.1	31.7	





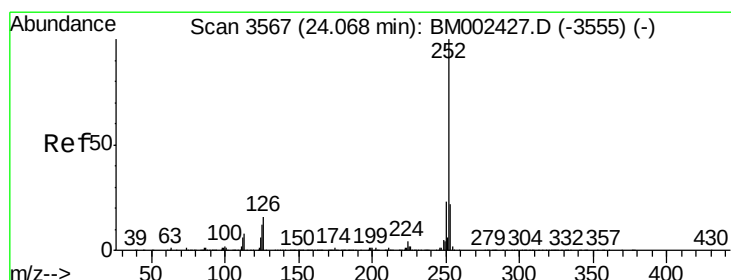
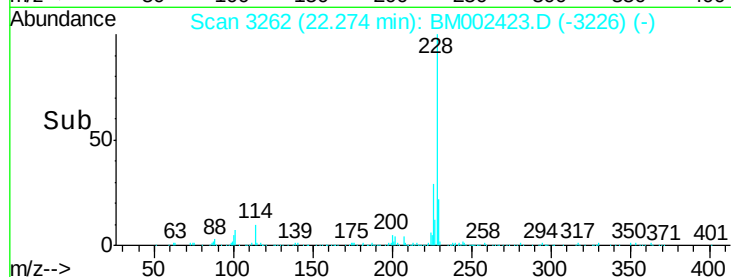
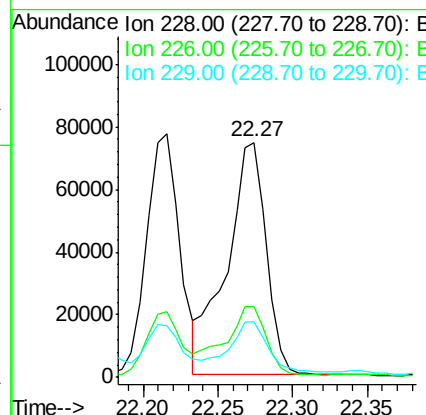
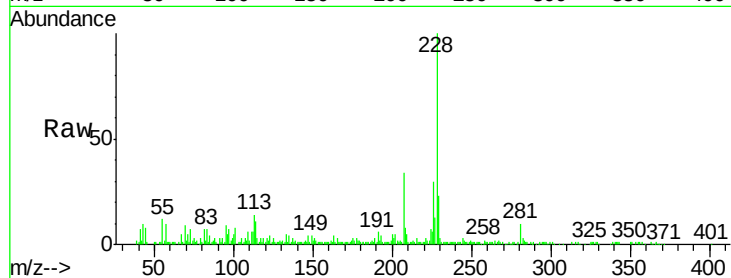
#21
Chrysene
Concen: 4.71 ng/ul
RT: 22.27 min Scan# 3262
Delta R.T. 0.01 min
Lab File: BM002423.D
Acq: 15 Aug 2015 14:08

Instrument :
BNA_M
ClientSampleID :
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Tgt Ion	Ratio	Resp	Lower	Upper
228	100	137492		
226	30.0	23.4	35.2	
229	23.4	15.7	23.5	

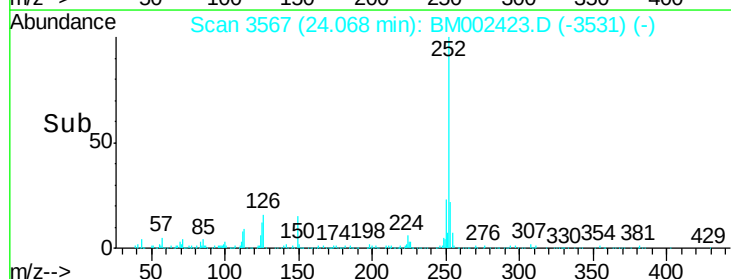
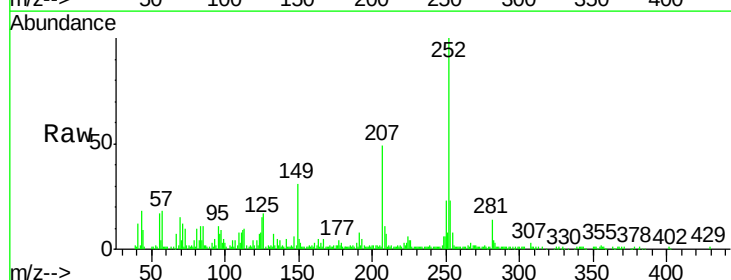
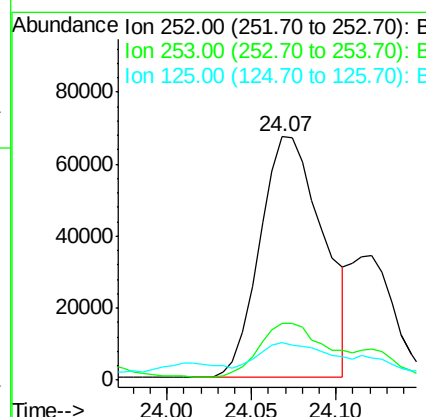
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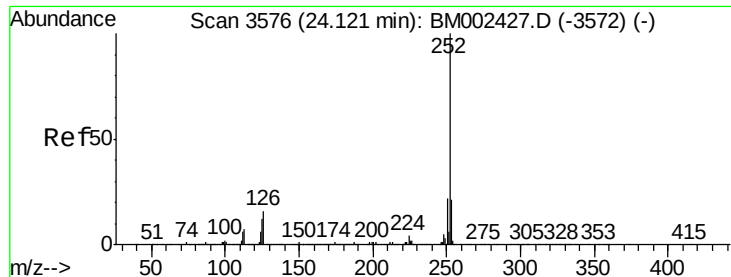
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#23
Benzo(b)fluoranthene
Concen: 6.74 ng/ul
RT: 24.07 min Scan# 3567
Delta R.T. 0.01 min
Lab File: BM002423.D
Acq: 15 Aug 2015 14:08

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	173876		
253	23.4	17.4	26.0	
125	15.5	10.0	15.0	





#24

Benzo(k)fluoranthene

Concen: 2.56 ng/ul m

RT: 24.12 min Scan# 3576

Delta R.T. 0.01 min

Lab File: BM002423.D

Acq: 15 Aug 2015 14:08

Instrument :

BNA_M

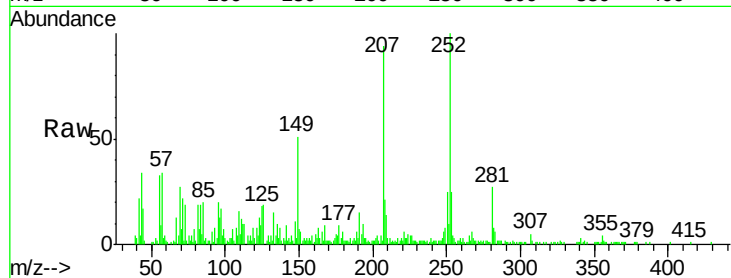
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D9DB6

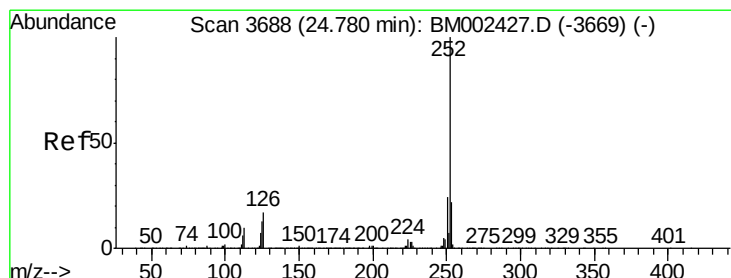
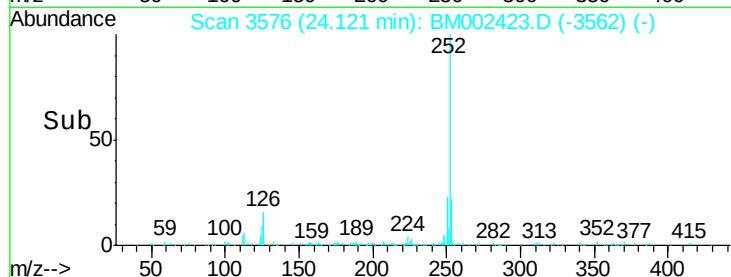
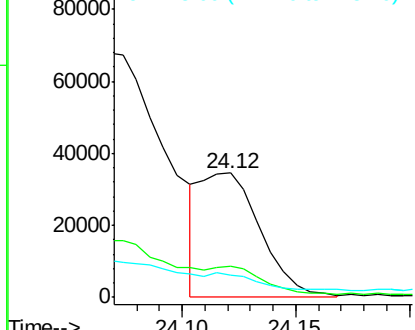
Tgt Ion:	252	Resp:	62564
Ion Ratio	Lower	Upper	
252	100		
253	24.9	17.8	26.6
125	17.9	9.8	14.8#

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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#26

Benzo(a)pyrene

Concen: 4.30 ng/ul

RT: 24.78 min Scan# 3688

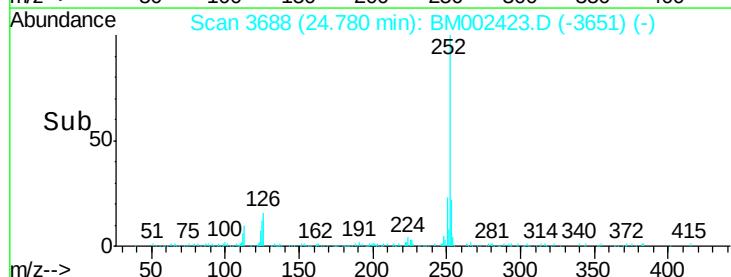
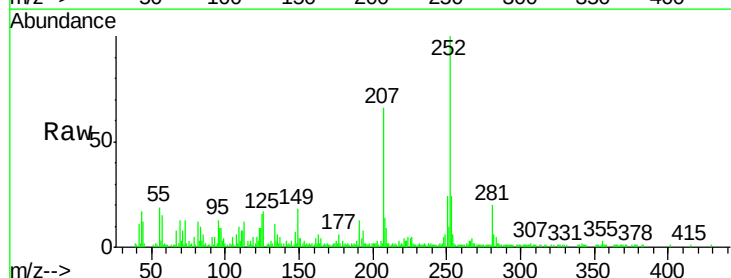
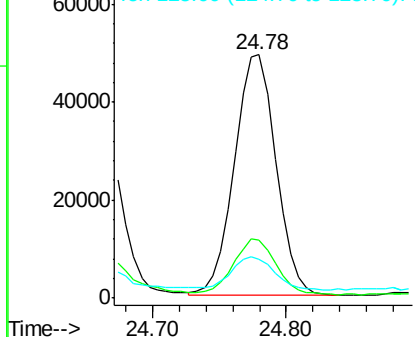
Delta R.T. 0.02 min

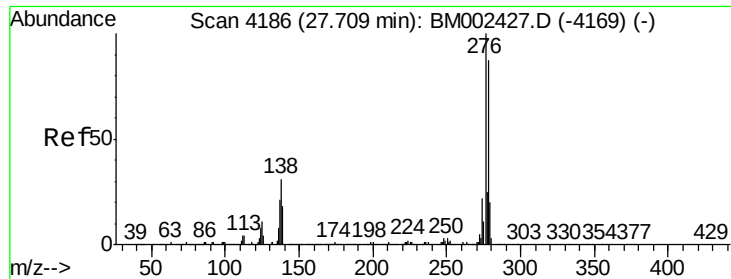
Lab File: BM002423.D

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Tgt Ion:	252	Resp:	105902
Ion Ratio	Lower	Upper	
252	100		
253	23.6	17.6	26.4
125	15.7	10.7	16.1

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





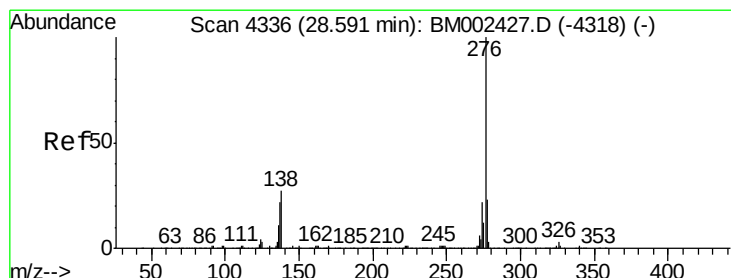
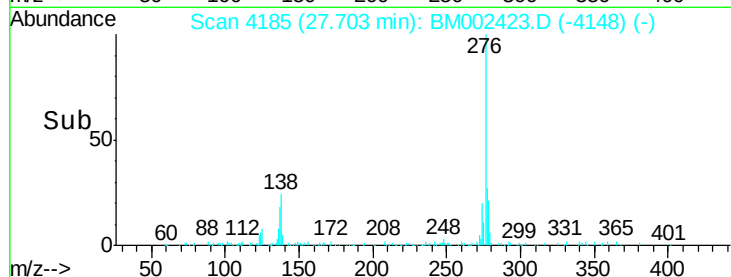
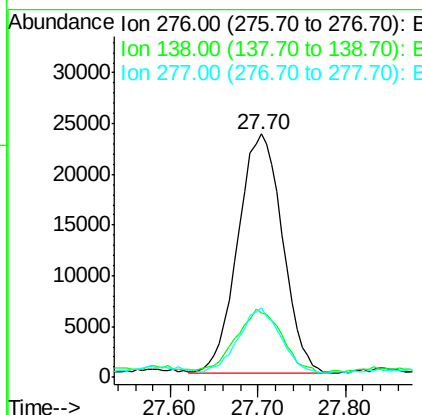
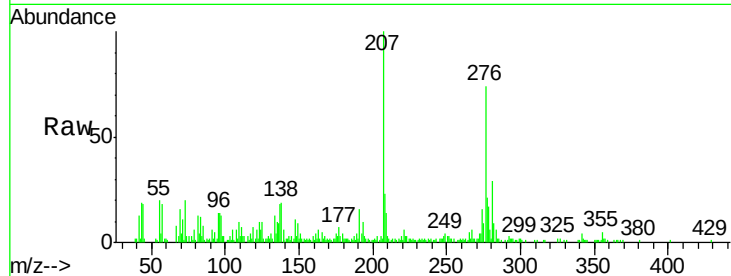
#27
 Indeno(1,2,3-cd)pyrene
 Concen: 2.89 ng/ul
 RT: 27.70 min Scan# 4185
 Delta R.T. 0.02 min
 Lab File: BM002423.D
 Acq: 15 Aug 2015 14:08

Instrument :
 BNA_M
 ClientSampleId :
 D9DB6

Tgt Ion	Ratio	Lower	Upper
276	100		
138	26.2	25.3	37.9
277	28.4	20.2	30.2

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#29
 Benzo(g,h,i)perylene
 Concen: 3.46 ng/ul
 RT: 28.58 min Scan# 4334
 Delta R.T. 0.02 min
 Lab File: BM002423.D
 Acq: 15 Aug 2015 14:08

Tgt Ion	Ratio	Lower	Upper
276	100		
138	26.2	21.0	31.6
277	23.1	19.2	28.8

