

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081215\
 Data File : BM002375.D
 Acq On : 12 Aug 2015 23:47
 Operator : UM/IZ
 Sample : G3163-20
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9D05

Manual Integrations
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 8/13/2015 10:58:24 AM

Quant Time: Aug 13 01:22:13 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080715MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Aug 13 00:45:03 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.90	152	210376	20.00	ng/ul	0.00
2) Naphthalene-d8	11.78	136	1016666	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.49	164	524950	20.00	ng/ul	0.00
12) Phenanthrene-d10	18.20	188	957941	20.00	ng/ul	0.00
17) Chrysene-d12	22.29	240	679586	20.00	ng/ul	0.00
22) Perylene-d12	24.99	264	664052	20.00	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
7) Acenaphthylene-d8	15.19	160	1102950	20.28	ng/ul	0.00
10) Fluorene-d10	16.46	176	691766	18.29	ng/ul	0.00
14) Anthracene-d10	18.30	188	905299	19.48	ng/ul	0.00
18) Pyrene-d10	20.52	212	709871	21.54	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.81	264	551243	15.63	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Phenanthrene	18.24	178	222184	4.03	ng/ul	99
15) Anthracene	18.33	178	64118	1.13	ng/ul	97
16) Fluoranthene	20.19	202	413013	6.77	ng/ul	98
19) Pyrene	20.54	202	315287	7.18	ng/ul	97
20) Benzo(a)anthracene	22.27	228	184916	4.46	ng/ul	97
21) Chrysene	22.33	228	158426m	4.03	ng/ul	
23) Benzo(b)fluoranthene	24.15	252	256779	6.22	ng/ul#	96
24) Benzo(k)fluoranthene	24.20	252	81000m	2.04	ng/ul	
26) Benzo(a)pyrene	24.87	252	163084	4.13	ng/ul#	94
27) Indeno(1,2,3-cd)pyrene	27.84	276	122929	2.72	ng/ul	97
29) Benzo(g,h,i)perylene	28.73	276	111257	2.91	ng/ul	95

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

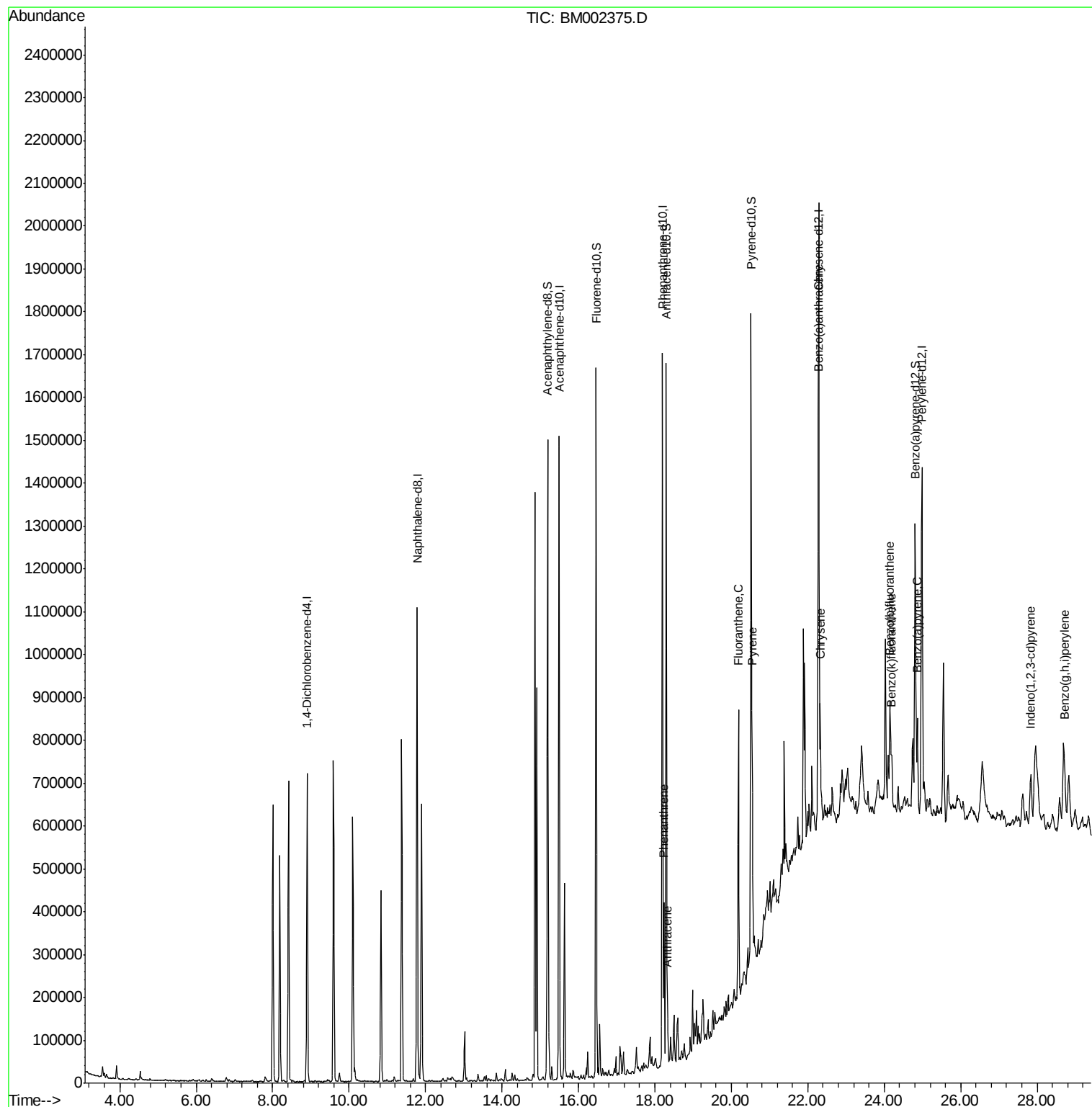
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081215\
Data File : BM002375.D
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ALS Vial : 24 Sample Multiplier: 1

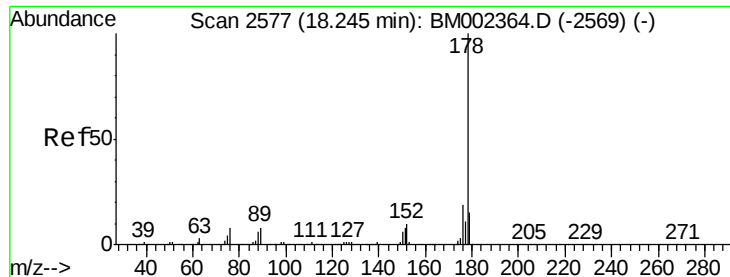
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Quant Time: Aug 13 01:22:13 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080715MA.M
Quant Title : SVOA CALIBRATION
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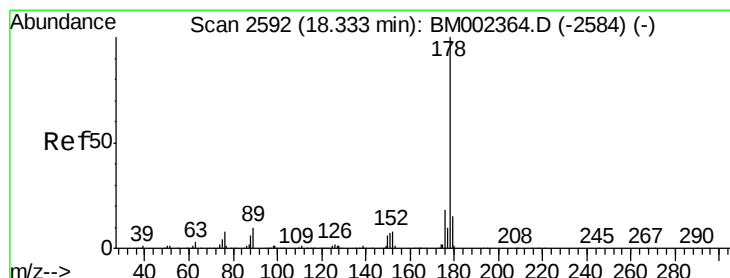
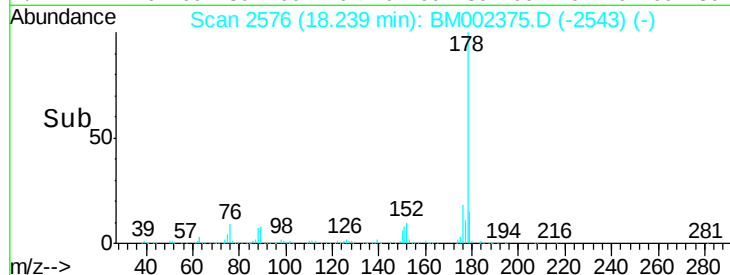
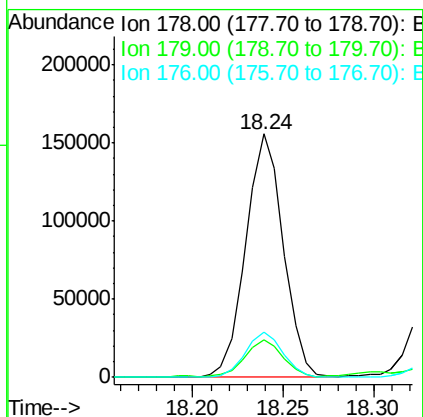
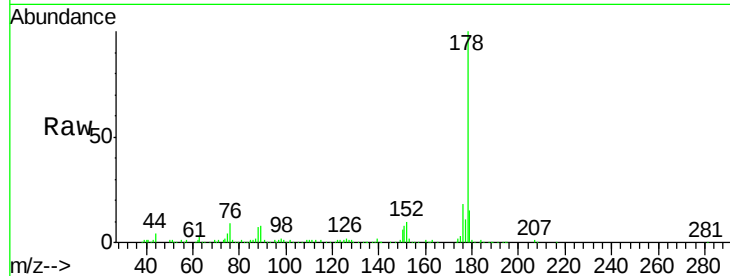
#13
Phenanthrene
Concen: 4.03 ng/ul
RT: 18.24 min Scan# 2576
Delta R.T. -0.01 min
Lab File: BM002375.D
Acq: 12 Aug 2015 23:47

Instrument :
BNA_M
ClientSampleId :
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Tgt Ion	Ratio	Resp	Lower	Upper
178	100	222184		
179	15.4	12.3	18.5	
176	18.4	15.3	22.9	

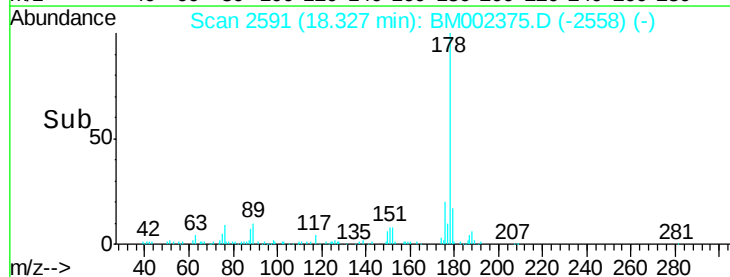
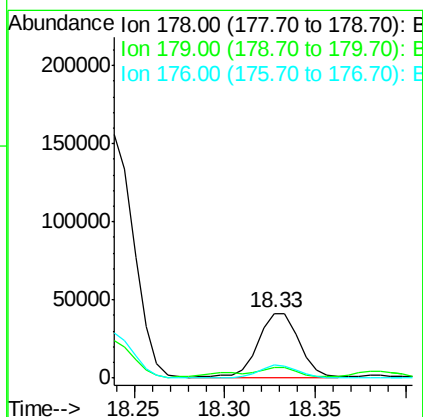
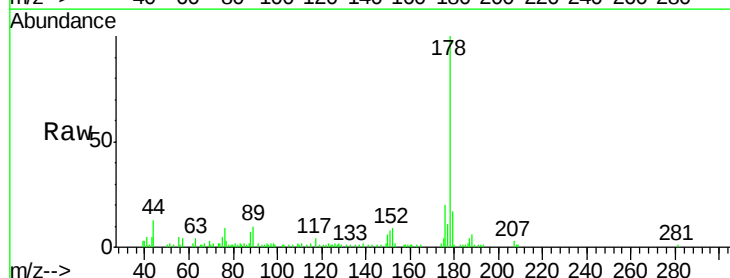
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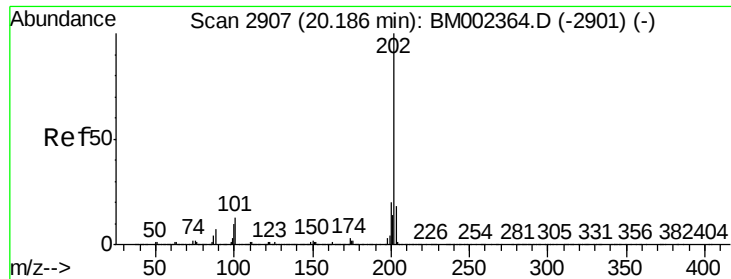
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#15
Anthracene
Concen: 1.13 ng/ul
RT: 18.33 min Scan# 2591
Delta R.T. -0.01 min
Lab File: BM002375.D
Acq: 12 Aug 2015 23:47

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	64118		
179	16.5	12.3	18.5	
176	19.6	14.5	21.7	





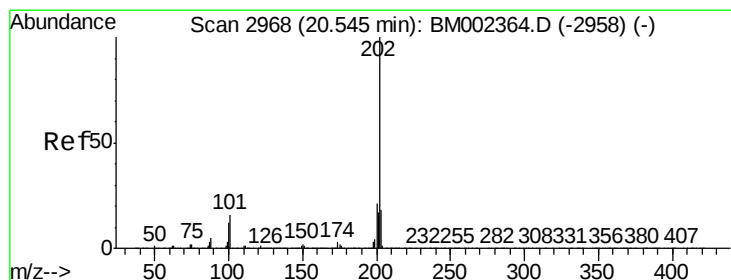
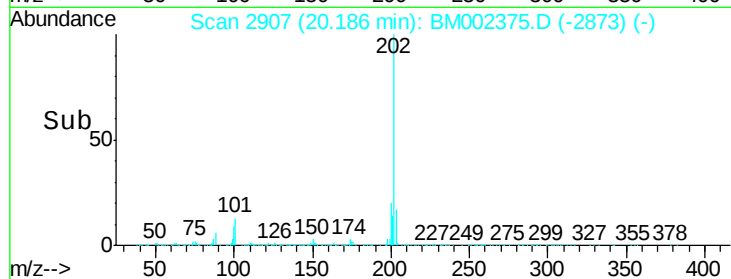
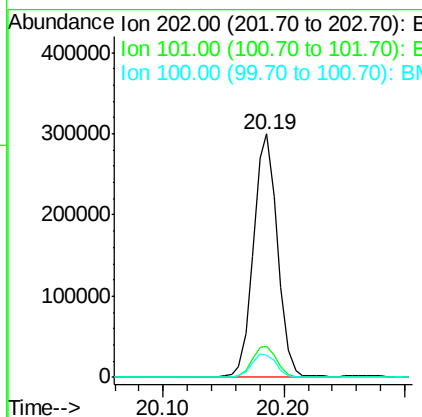
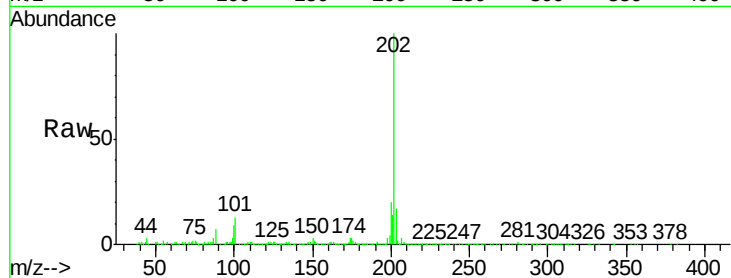
#16
Fluoranthene
Concen: 6.77 ng/ul
RT: 20.19 min Scan# 2907
Delta R.T. 0.00 min
Lab File: BM002375.D
Acq: 12 Aug 2015 23:47

Instrument :
BNA_M
ClientSampleId :
D9D05

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	413013		
101	12.7	10.6	15.8	
100	9.3	8.2	12.4	

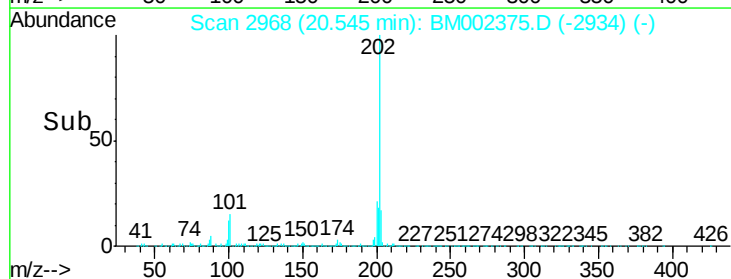
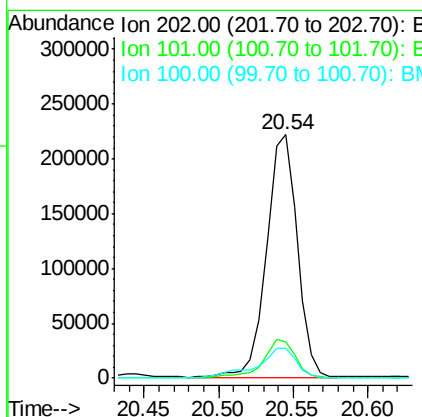
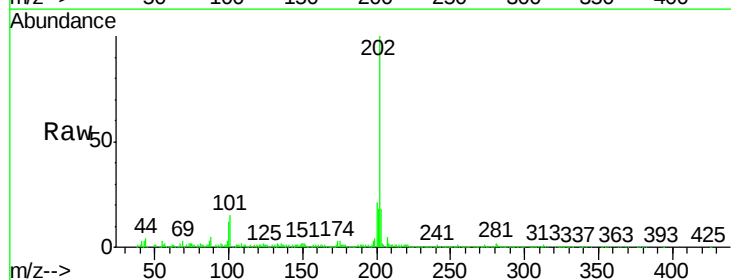
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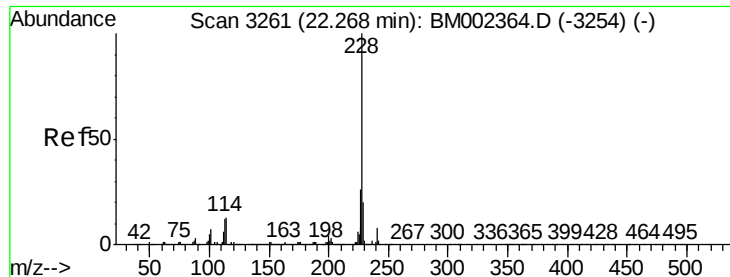
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#19
Pyrene
Concen: 7.18 ng/ul
RT: 20.54 min Scan# 2968
Delta R.T. 0.00 min
Lab File: BM002375.D
Acq: 12 Aug 2015 23:47

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	315287		
101	15.0	13.0	19.6	
100	12.4	11.0	16.4	





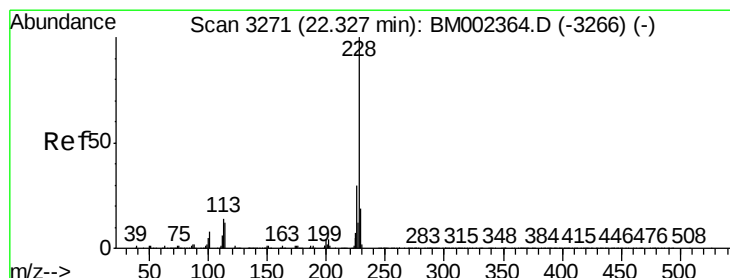
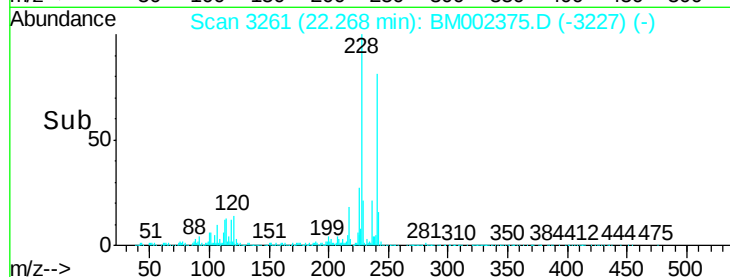
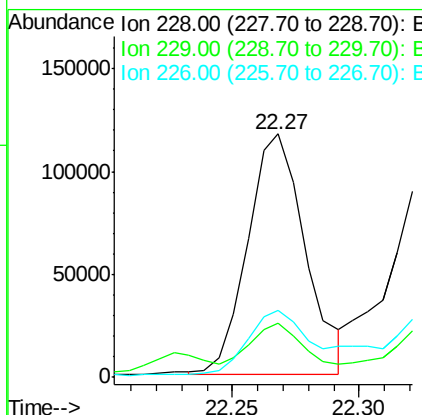
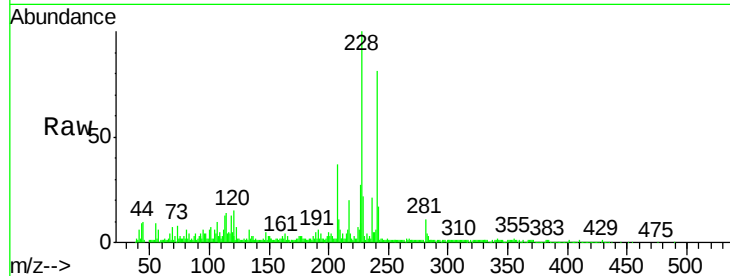
#20
Benzo(a)anthracene
Concen: 4.46 ng/ul
RT: 22.27 min Scan# 3261
Delta R.T. 0.00 min
Lab File: BM002375.D
Acq: 12 Aug 2015 23:47

Instrument :
BNA_M
ClientSampleId :
D9D05

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	184916		
229	22.3	15.7	23.5	
226	27.5	21.4	32.0	

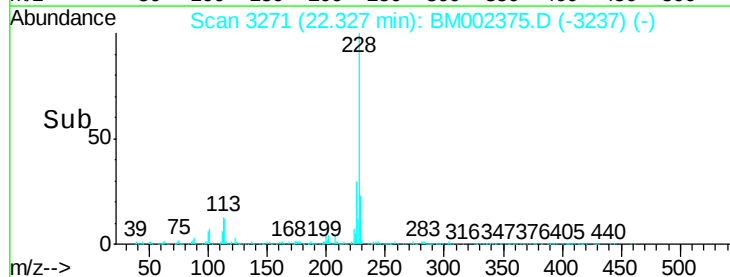
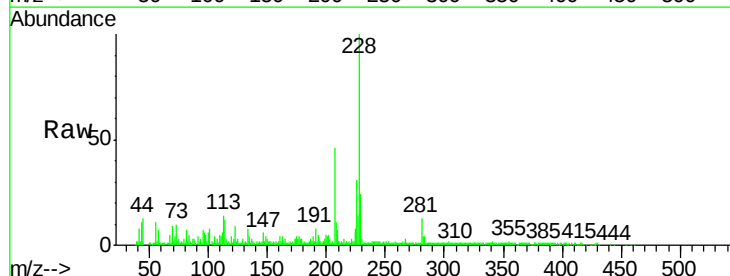
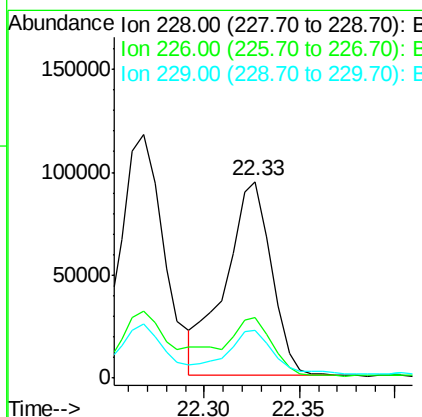
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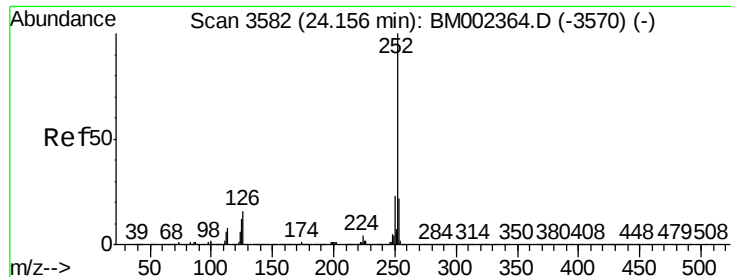
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#21
Chrysene
Concen: 4.03 ng/ul m
RT: 22.33 min Scan# 3271
Delta R.T. 0.00 min
Lab File: BM002375.D
Acq: 12 Aug 2015 23:47

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	158426		
226	31.1	23.4	35.0	
229	24.3	15.5	23.3#	





#23

Benzo(b)fluoranthene

Concen: 6.22 ng/ul

RT: 24.15 min Scan# 3581

Delta R.T. -0.01 min

Lab File: BM002375.D

Acq: 12 Aug 2015 23:47

Instrument :

BNA_M

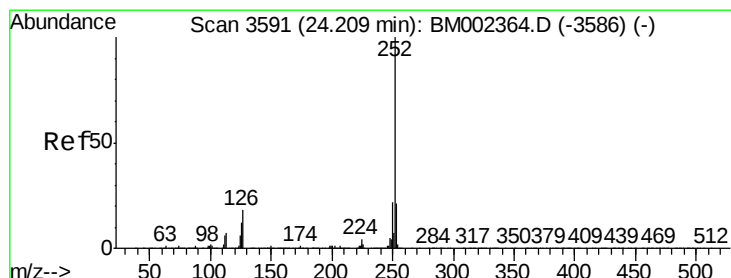
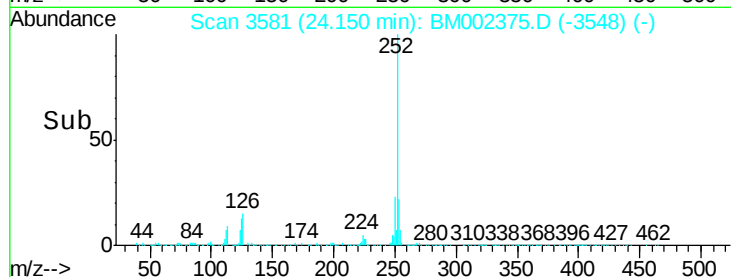
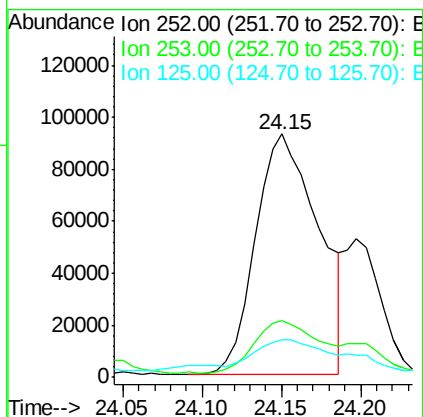
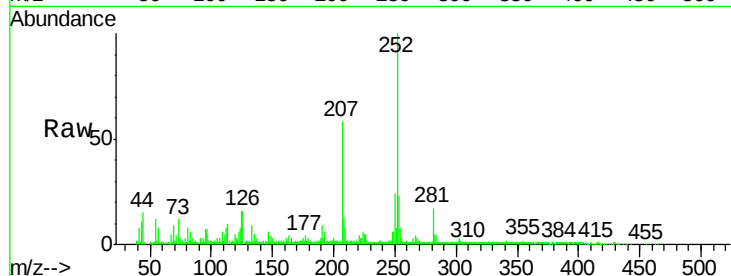
ClientSampleId :

D9D05

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	256779		
253	23.3	17.9	26.9	
125	15.5	10.3	15.5#	

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#24

Benzo(k)fluoranthene

Concen: 2.04 ng/ul m

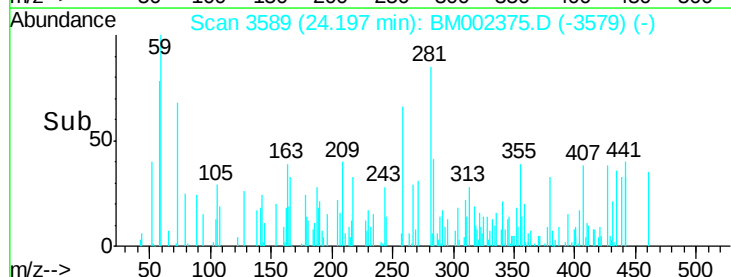
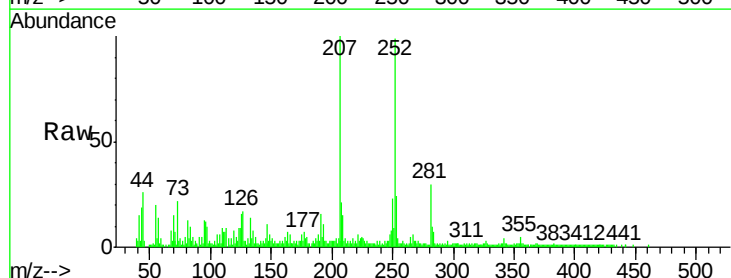
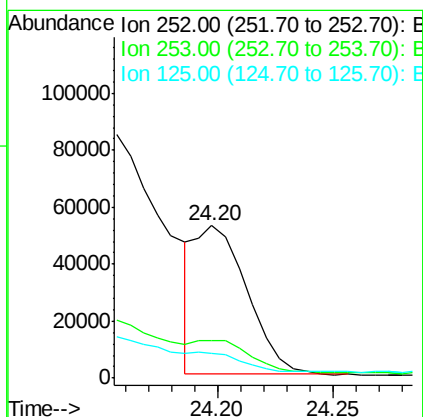
RT: 24.20 min Scan# 3589

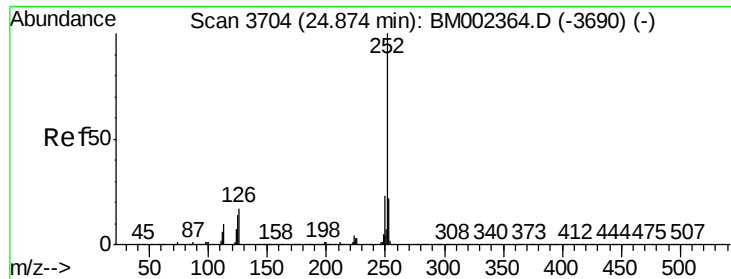
Delta R.T. -0.01 min

Lab File: BM002375.D

Acq: 12 Aug 2015 23:47

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	81000		
253	24.4	17.3	25.9	
125	16.2	10.2	15.4#	





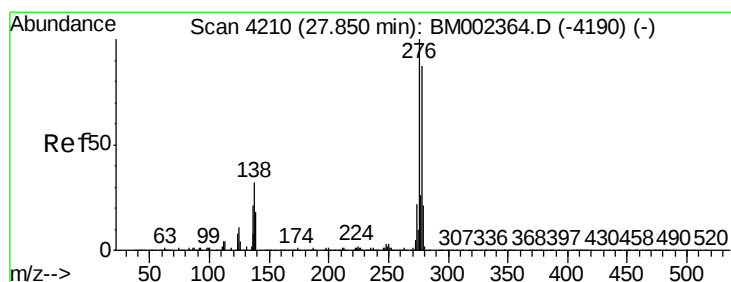
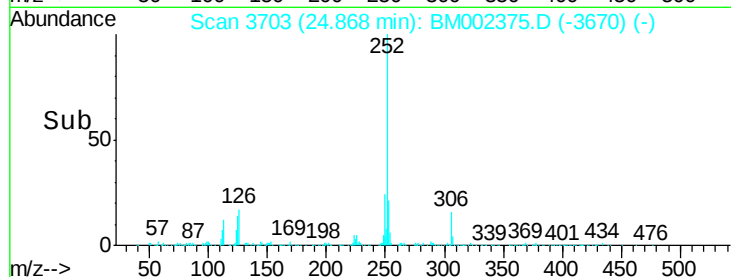
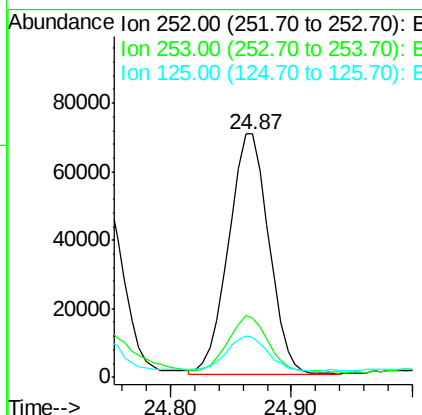
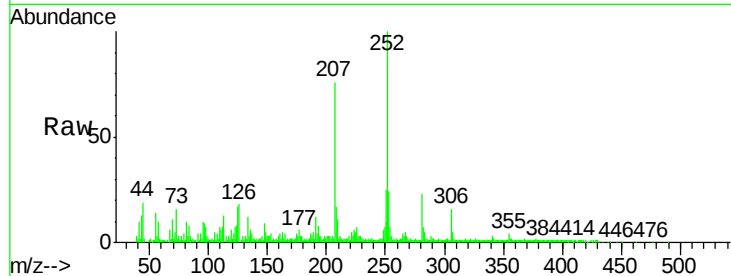
#26
Benzo(a)pyrene
Concen: 4.13 ng/ul
RT: 24.87 min Scan# 3703
Delta R.T. -0.01 min
Lab File: BM002375.D
Acq: 12 Aug 2015 23:47

Instrument :
BNA_M
ClientSampleId :
D9D05

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	24.1	17.3	25.9
125	16.7	11.0	16.6

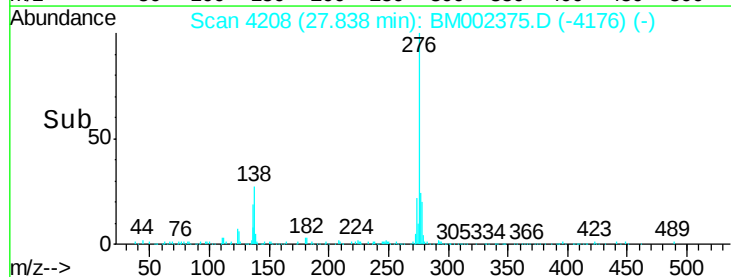
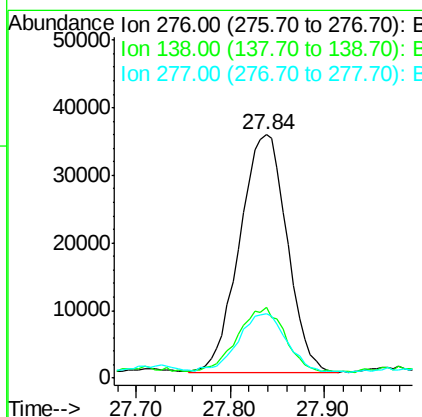
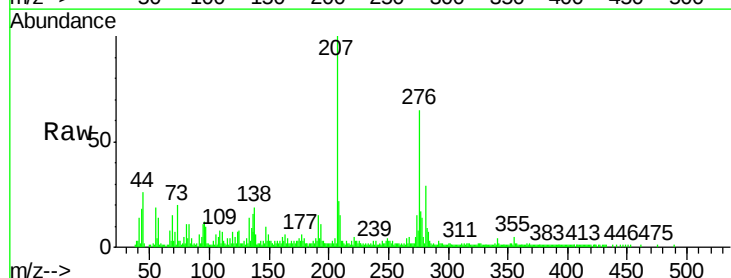
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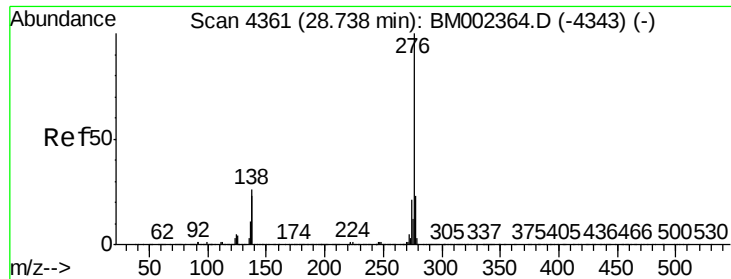
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#27
Indeno(1,2,3-cd)pyrene
Concen: 2.72 ng/ul
RT: 27.84 min Scan# 4208
Delta R.T. -0.01 min
Lab File: BM002375.D
Acq: 12 Aug 2015 23:47

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	28.9	25.6	38.4
277	26.5	21.0	31.4





#29

Benzo(g,h,i)perylene

Concen: 2.91 ng/ul

RT: 28.73 min Scan# 4359

Delta R.T. -0.01 min

Lab File: BM002375.D

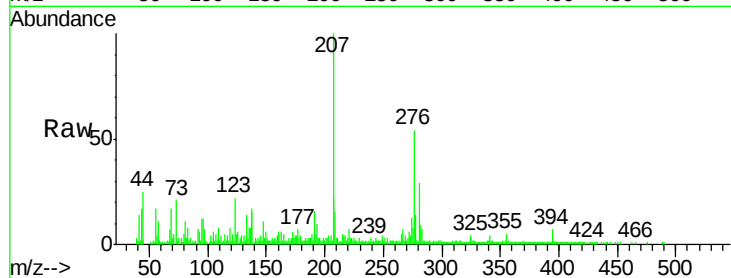
Acq: 12 Aug 2015 23:47

Instrument :

BNA_M

ClientSampleId :

D9D05



Tgt	Ion	Ratio	Lower	Upper
276	100			
138	28.1	20.5	30.7	
277	26.5	19.0	28.6	

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