

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081415\
 Data File : BM002424.D
 Acq On : 15 Aug 2015 14:45
 Operator : UM/IZ
 Sample : G3219-11DL 5X
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9DA4DL

Manual Integrations
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Quant Time: Aug 17 04:53:17 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	173968	20.00	ng/ul	0.00
2) Naphthalene-d8	11.74	136	813626	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.45	164	443809	20.00	ng/ul	0.00
12) Phenanthrene-d10	18.16	188	913679	20.00	ng/ul	0.00
17) Chrysene-d12	22.23	240	699261	20.00	ng/ul	0.00
22) Perylene-d12	24.90	264	570432	20.00	ng/ul	0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
7) Acenaphthylene-d8	15.15	160	123045	2.71	ng/ul	0.00
10) Fluorene-d10	16.42	176	86752	2.72	ng/ul	0.00
14) Anthracene-d10	18.25	188	120759	2.74	ng/ul	0.00
18) Pyrene-d10	20.47	212	111383	3.59	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.72	264	72283	2.41	ng/ul	0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Phenanthrene	18.20	178	76497	1.45	ng/ul	99
16) Fluoranthene	20.14	202	350827	5.87	ng/ul	99
19) Pyrene	20.50	202	350577	8.56	ng/ul	99
20) Benzo(a)anthracene	22.22	228	422705	10.11	ng/ul	99
21) Chrysene	22.27	228	501319	12.82	ng/ul	98
23) Benzo(b)fluoranthene	24.07	252	939680	27.25	ng/ul	98
24) Benzo(k)fluoranthene	24.12	252	294505m	9.01	ng/ul	
26) Benzo(a)pyrene	24.78	252	564542	17.14	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	27.71	276	486596	12.85	ng/ul	94
28) Dibenzo(a,h)anthracene	27.71	278	160842	5.08	ng/ul#	92
29) Benzo(g,h,i)perylene	28.60	276	442480	14.03	ng/ul	99

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

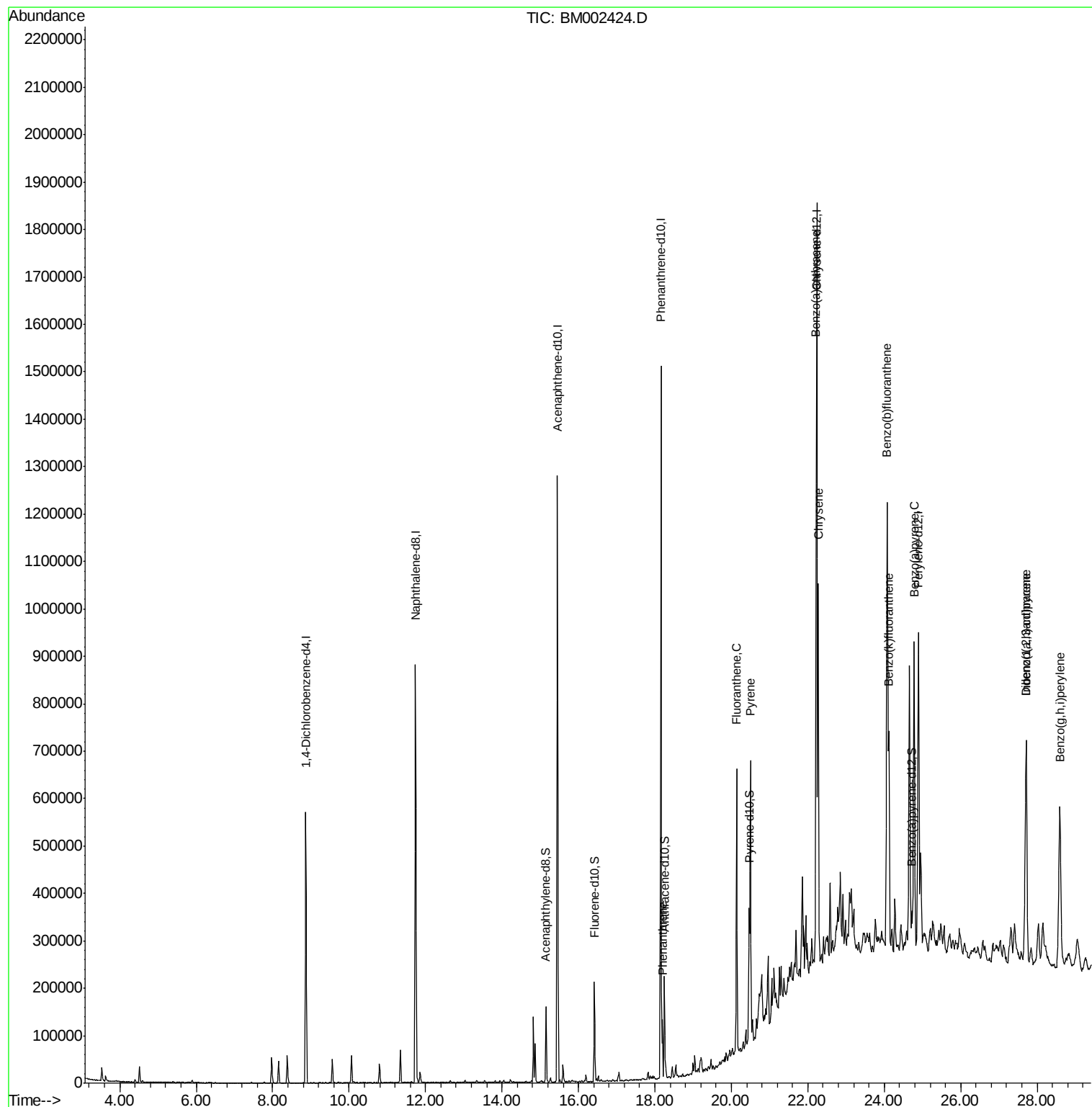
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081415\
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ALS Vial : 31 Sample Multiplier: 1

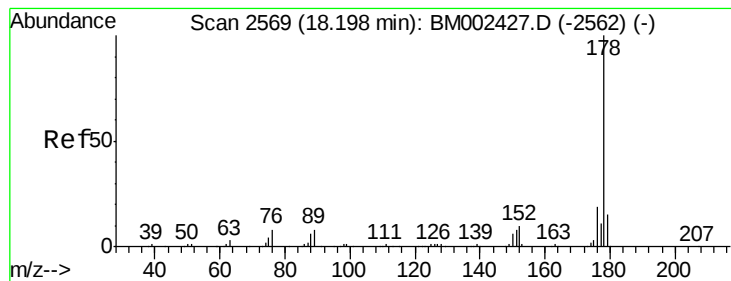
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Quant Time: Aug 17 04:53:17 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM081415MA.M
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#13

Phenanthrene

Concen: 1.45 ng/ul

RT: 18.20 min Scan# 2569

Delta R.T. 0.01 min

Lab File: BM002424.D

Acq: 15 Aug 2015 14:45

Instrument :

BNA_M

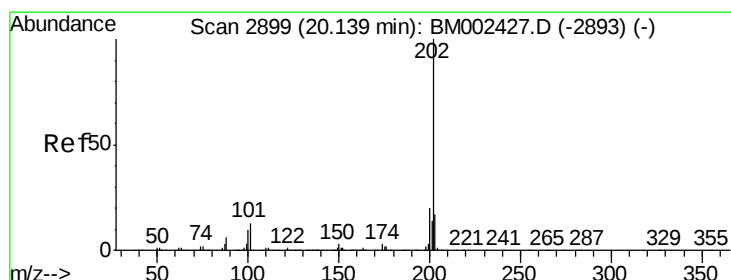
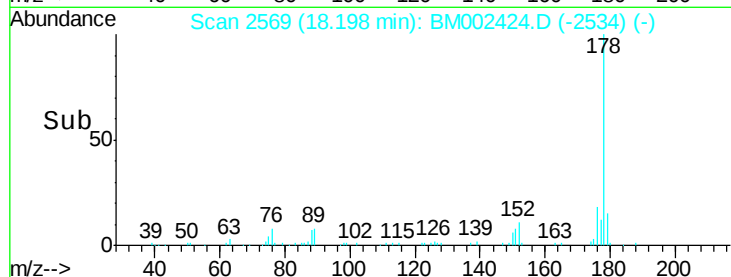
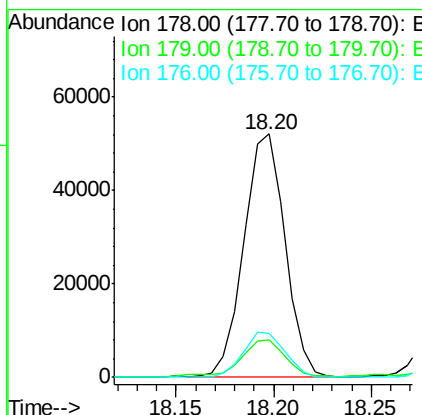
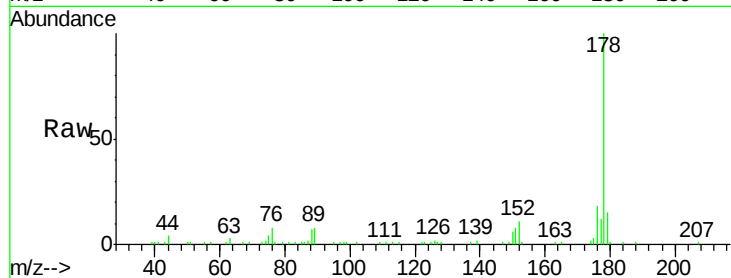
ClientSampleId :

D9DA4DL

Tgt Ion:	178	Resp:	76497
Ion Ratio	Lower	Upper	
178	100		
179	15.5	12.4	18.6
176	18.3	15.1	22.7

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#16

Fluoranthene

Concen: 5.87 ng/ul

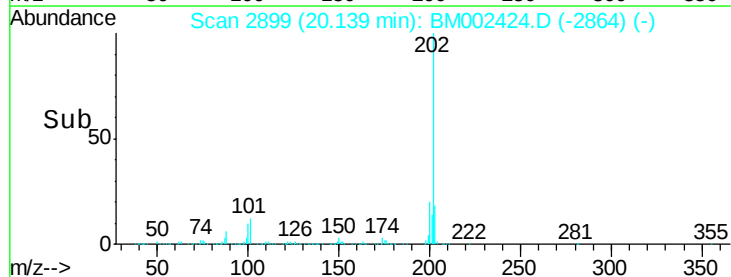
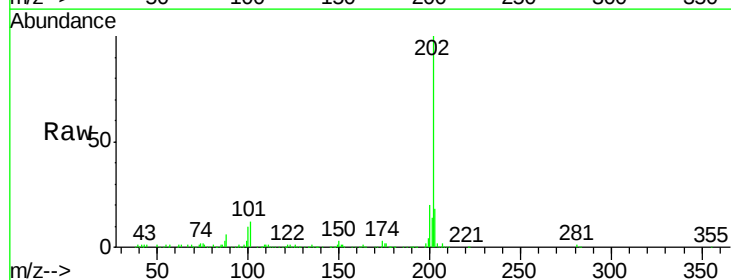
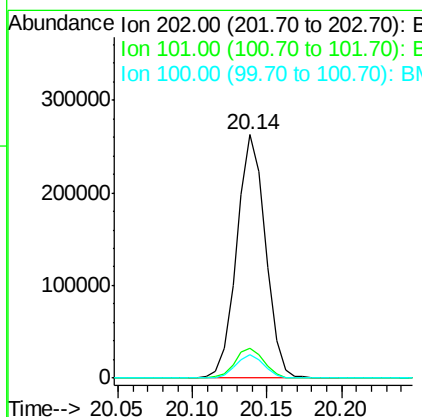
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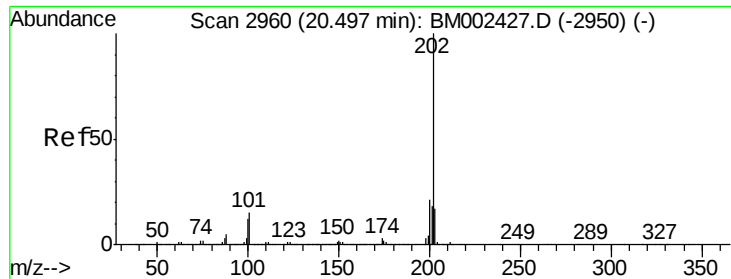
Delta R.T. 0.01 min

Lab File: BM002424.D

Acq: 15 Aug 2015 14:45

Tgt Ion:	202	Resp:	350827
Ion Ratio	Lower	Upper	
202	100		
101	12.4	9.7	14.5
100	9.5	7.4	11.2





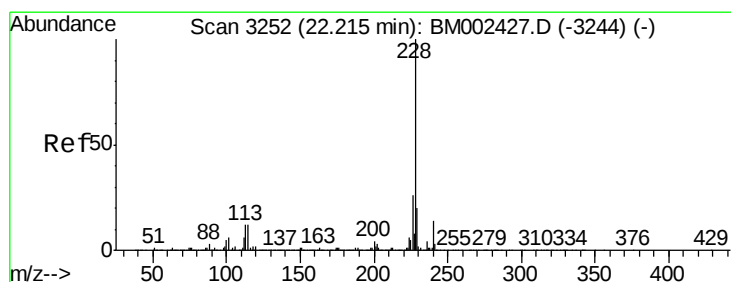
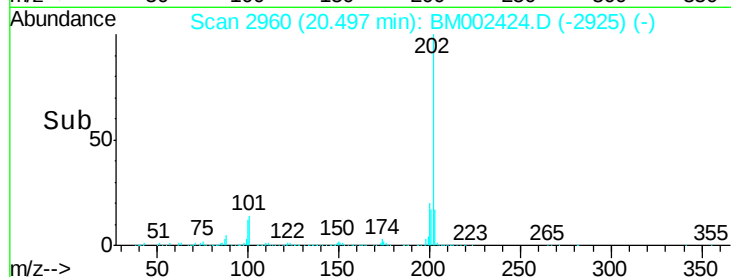
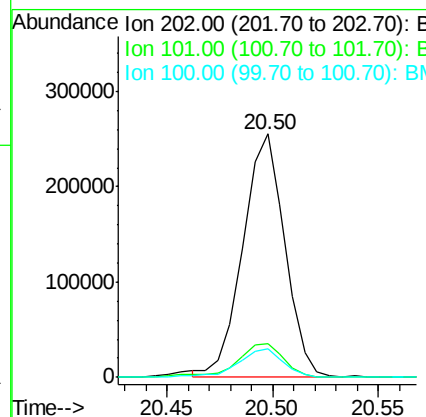
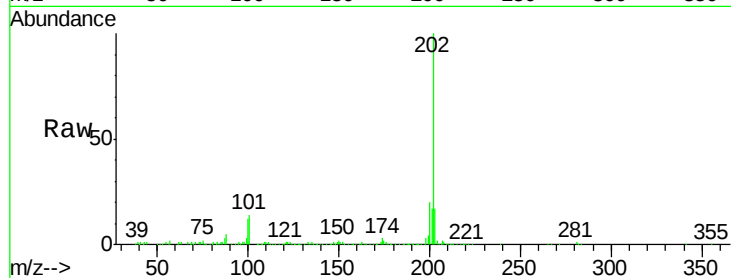
#19
 Pyrene
 Concen: 8.56 ng/ul
 RT: 20.50 min Scan# 2960
 Delta R.T. 0.01 min
 Lab File: BM002424.D
 Acq: 15 Aug 2015 14:45

Instrument :
 BNA_M
 ClientSampleId :
 D9DA4DL

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	14.1	12.0	18.0
100	11.9	9.7	14.5

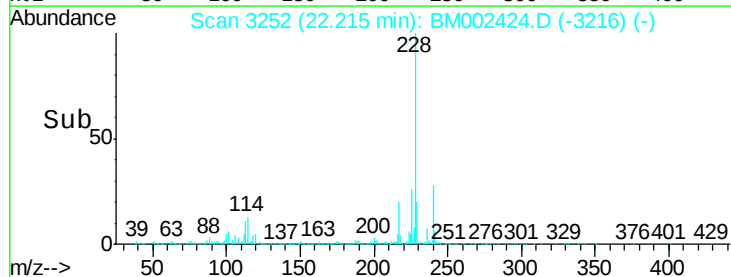
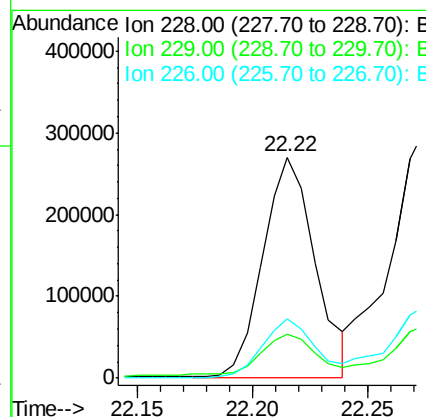
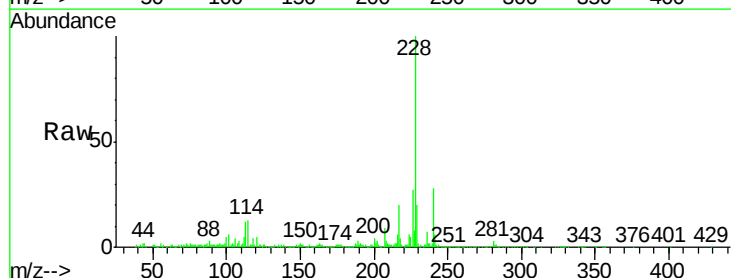
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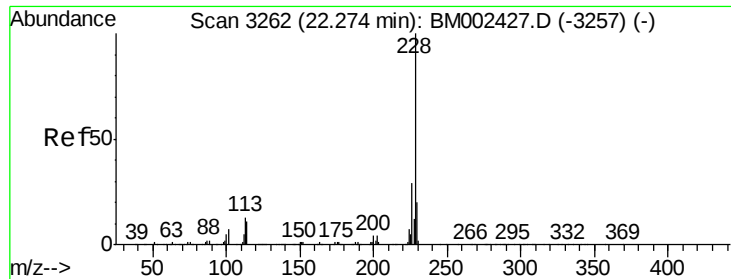
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#20
 Benzo(a)anthracene
 Concen: 10.11 ng/ul
 RT: 22.22 min Scan# 3252
 Delta R.T. 0.01 min
 Lab File: BM002424.D
 Acq: 15 Aug 2015 14:45

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	20.1	15.8	23.6
226	26.7	21.1	31.7





#21

Chrysene

Concen: 12.82 ng/ul

RT: 22.27 min Scan# 3262

Delta R.T. 0.01 min

Lab File: BM002424.D

Acq: 15 Aug 2015 14:45

Instrument :

BNA_M

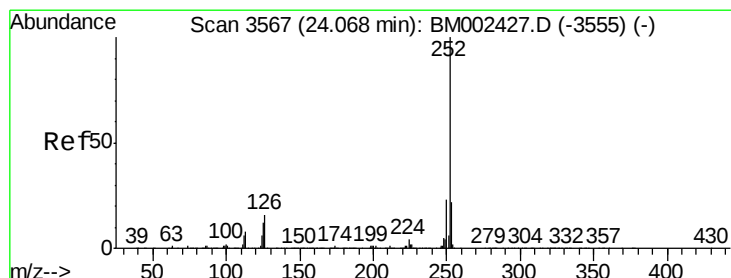
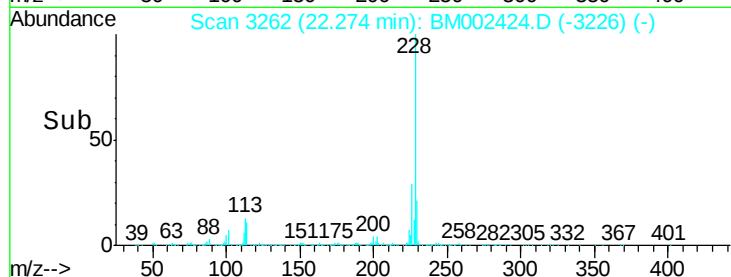
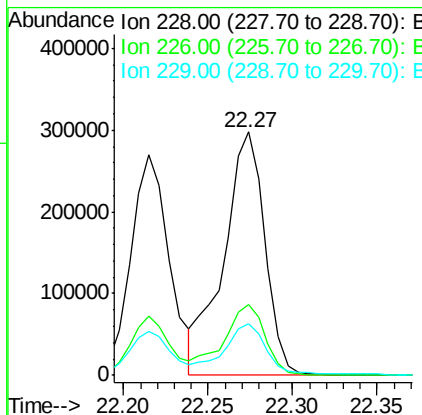
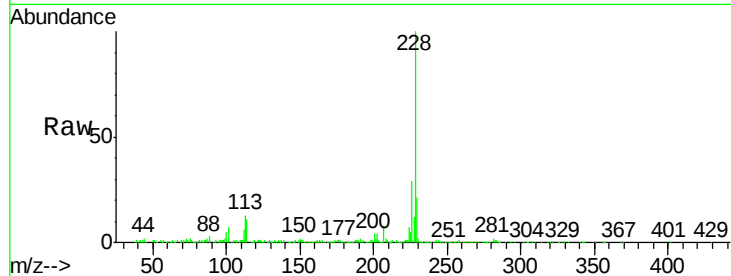
ClientSampleId :

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Tgt Ion	Ratio	Resp	Lower	Upper
228	100	501319		
226	29.3	23.4	35.2	
229	21.3	15.7	23.5	

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#23

Benzo(b)fluoranthene

Concen: 27.25 ng/ul

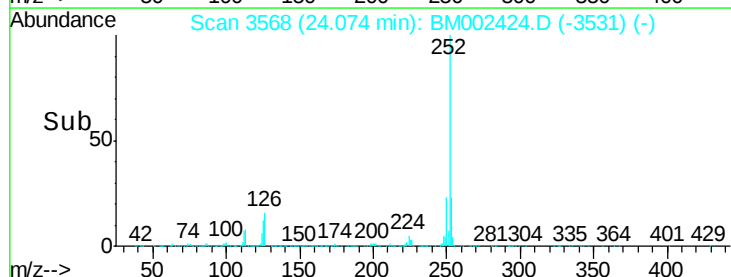
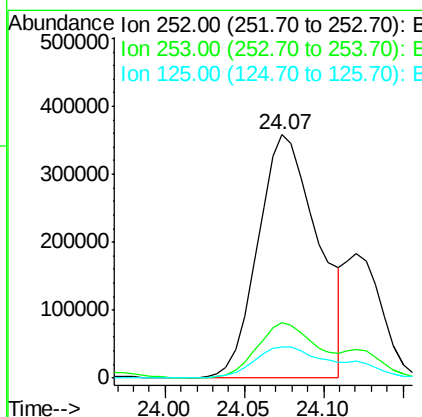
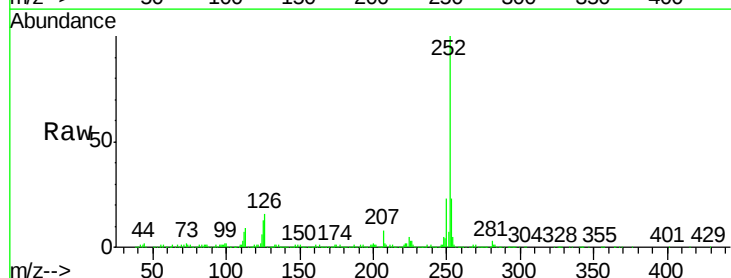
RT: 24.07 min Scan# 3568

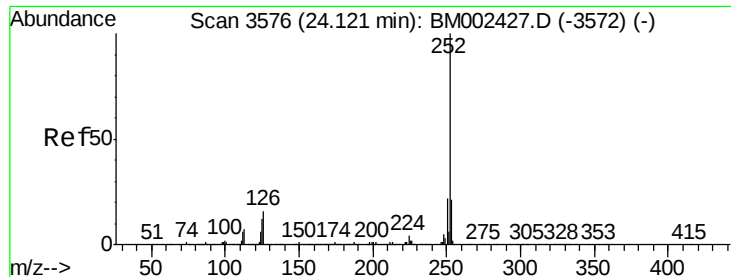
Delta R.T. 0.02 min

Lab File: BM002424.D

Acq: 15 Aug 2015 14:45

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	939680		
253	22.8	17.4	26.0	
125	12.7	10.0	15.0	





#24

Benzo(k)fluoranthene

Concen: 9.01 ng/ul m

RT: 24.12 min Scan# 3576

Delta R.T. 0.01 min

Lab File: BM002424.D

Acq: 15 Aug 2015 14:45

Instrument :

BNA_M

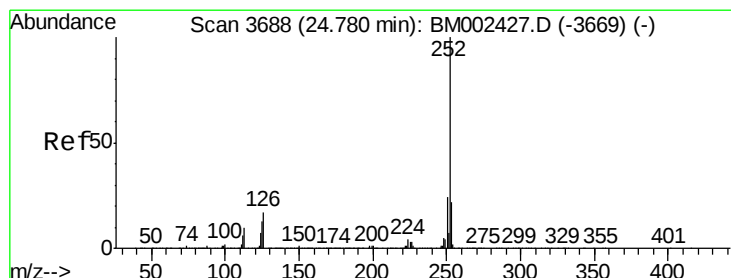
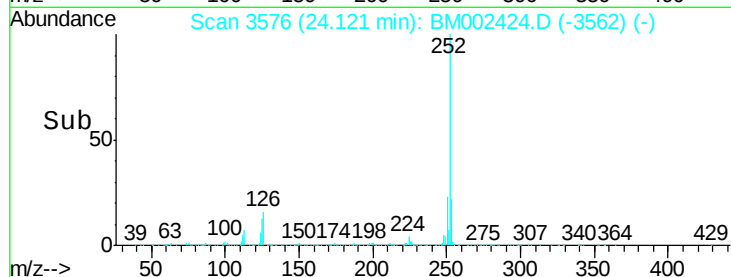
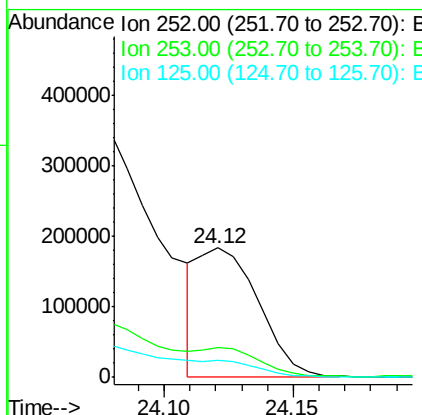
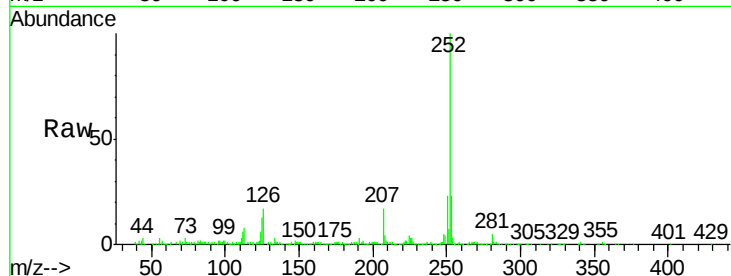
ClientSampleId :

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Tgt Ion	Ratio	Resp	Lower	Upper
252	100	294505		
253	23.2	17.8	26.6	
125	13.4	9.8	14.8	

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#26

Benzo(a)pyrene

Concen: 17.14 ng/ul

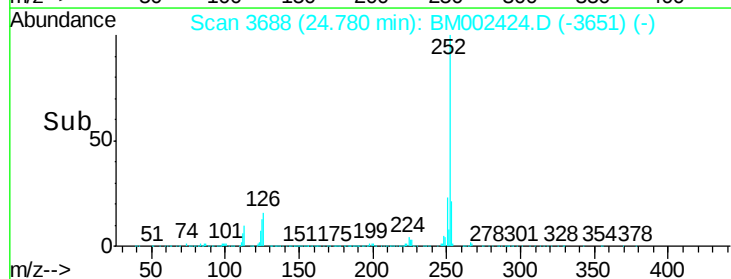
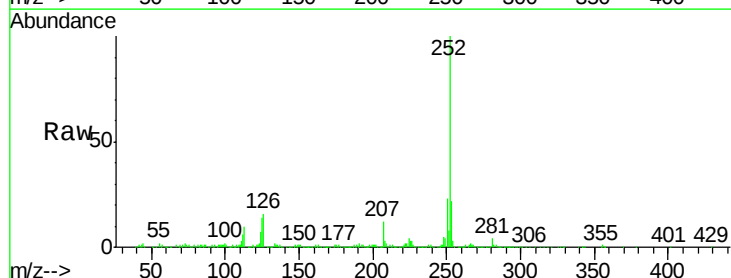
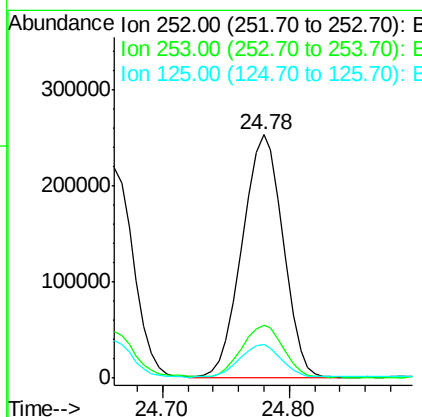
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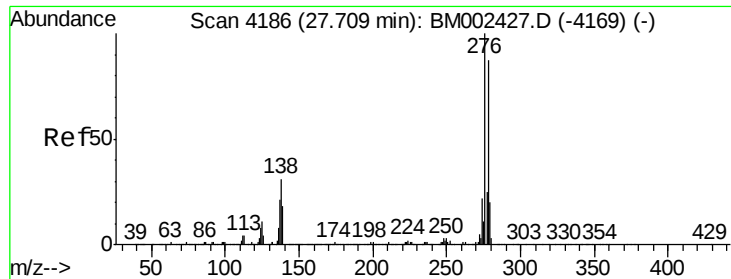
Delta R.T. 0.02 min

Lab File: BM002424.D

Acq: 15 Aug 2015 14:45

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	564542		
253	21.6	17.6	26.4	
125	13.8	10.7	16.1	





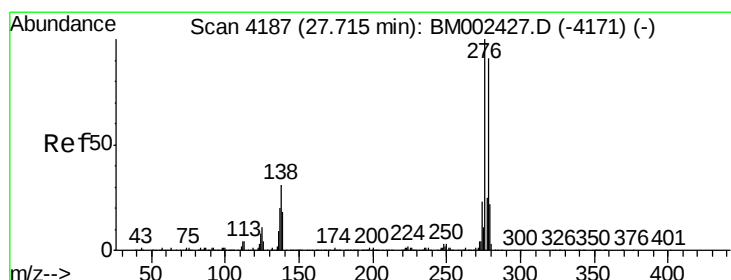
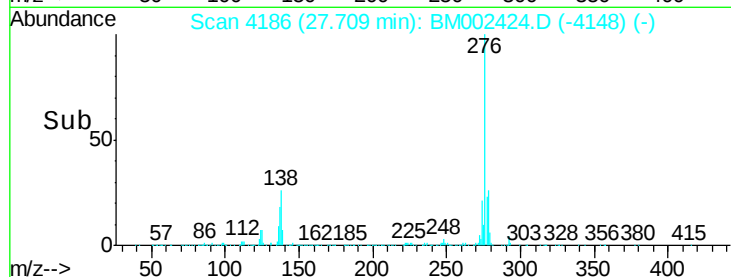
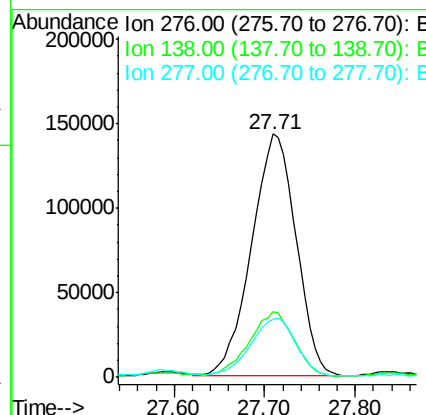
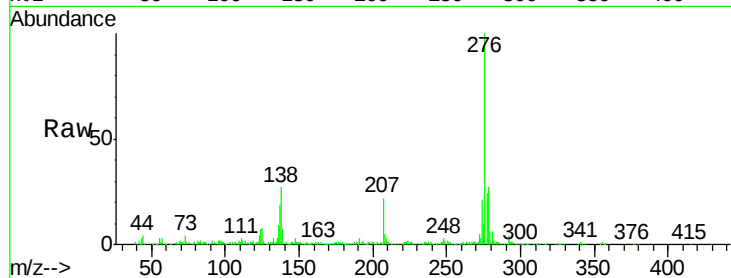
#27
 Indeno(1,2,3-cd)pyrene
 Concen: 12.85 ng/ul
 RT: 27.71 min Scan# 4186
 Delta R.T. 0.02 min
 Lab File: BM002424.D
 Acq: 15 Aug 2015 14:45

Instrument :
 BNA_M
 ClientSampleId :
 D9DA4DL

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	26.8	25.3	37.9
277	23.9	20.2	30.2

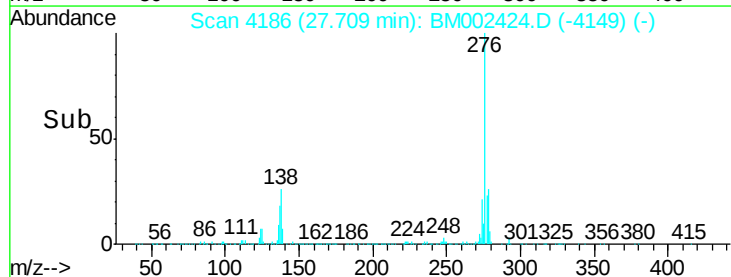
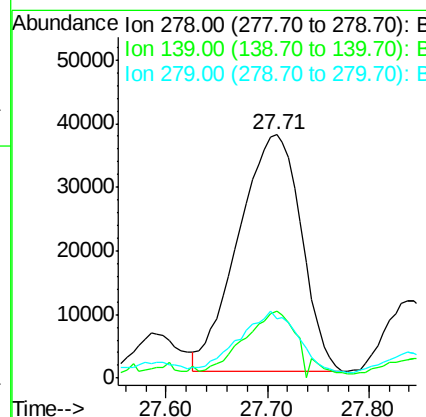
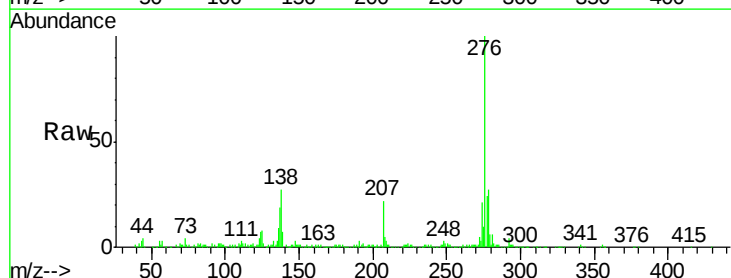
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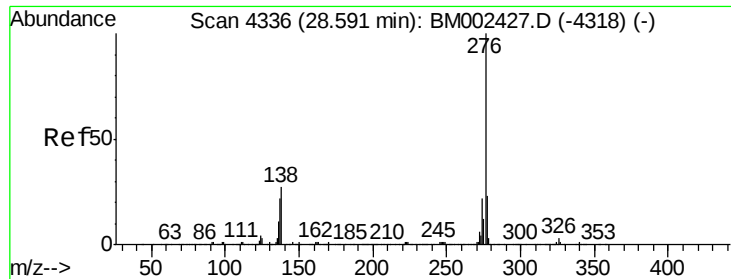
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#28
 Dibenzo(a,h)anthracene
 Concen: 5.08 ng/ul
 RT: 27.71 min Scan# 4186
 Delta R.T. 0.02 min
 Lab File: BM002424.D
 Acq: 15 Aug 2015 14:45

Tgt Ion	Ratio	Resp Lower	Resp Upper
278	100		
139	27.4	16.5	24.7#
279	24.2	18.8	28.2





#29

Benzo(g,h,i)perylene

Concen: 14.03 ng/ul

RT: 28.60 min Scan# 4337

Delta R.T. 0.04 min

Lab File: BM002424.D

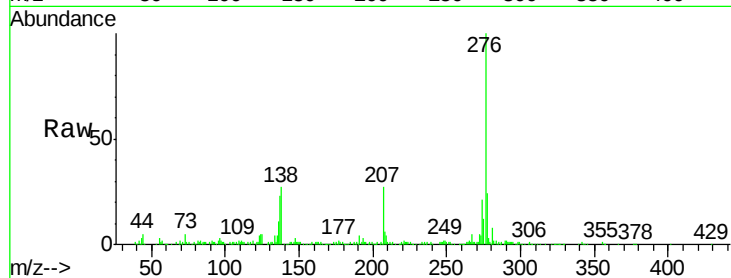
Acq: 15 Aug 2015 14:45

Instrument :

BNA_M

ClientSampleId :

D9DA4DL



Tgt Ion	Ratio	Lower	Upper
276	100		
138	26.9	21.0	31.6
277	24.1	19.2	28.8

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