

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081415\
 Data File : BM002429.D
 Acq On : 15 Aug 2015 17:48
 Operator : UM/IZ
 Sample : G3219-18
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9DA9

Manual Integrations
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Quant Time: Aug 17 05:26:37 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM081415MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Aug 17 05:12:59 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.87	152	179131	20.00	ng/ul	0.00
2) Naphthalene-d8	11.74	136	807462	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.45	164	416787	20.00	ng/ul	0.00
12) Phenanthrene-d10	18.16	188	827268	20.00	ng/ul	0.00
17) Chrysene-d12	22.23	240	577406	20.00	ng/ul	0.00
22) Perylene-d12	24.90	264	509507	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	15.16	160	784530	18.41	ng/ul	0.00
10) Fluorene-d10	16.42	176	518299	17.32	ng/ul	0.00
14) Anthracene-d10	18.25	188	719762	18.04	ng/ul	0.00
18) Pyrene-d10	20.47	212	615084	24.03	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.72	264	425146	15.88	ng/ul	0.00
Target Compounds						
13) Phenanthrene	18.20	178	60999	1.28	ng/ul	Qvalue 99
16) Fluoranthene	20.14	202	115997	2.14	ng/ul	98
19) Pyrene	20.50	202	105790	3.13	ng/ul	99
20) Benzo(a)anthracene	22.22	228	53824	1.56	ng/ul	96
21) Chrysene	22.27	228	72704m	2.25	ng/ul	
23) Benzo(b)fluoranthene	24.07	252	97099	3.15	ng/ul#	93
26) Benzo(a)pyrene	24.78	252	62241	2.12	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	27.71	276	47435	1.40	ng/ul	98
29) Benzo(g,h,i)perylene	28.59	276	63709	2.26	ng/ul	94

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

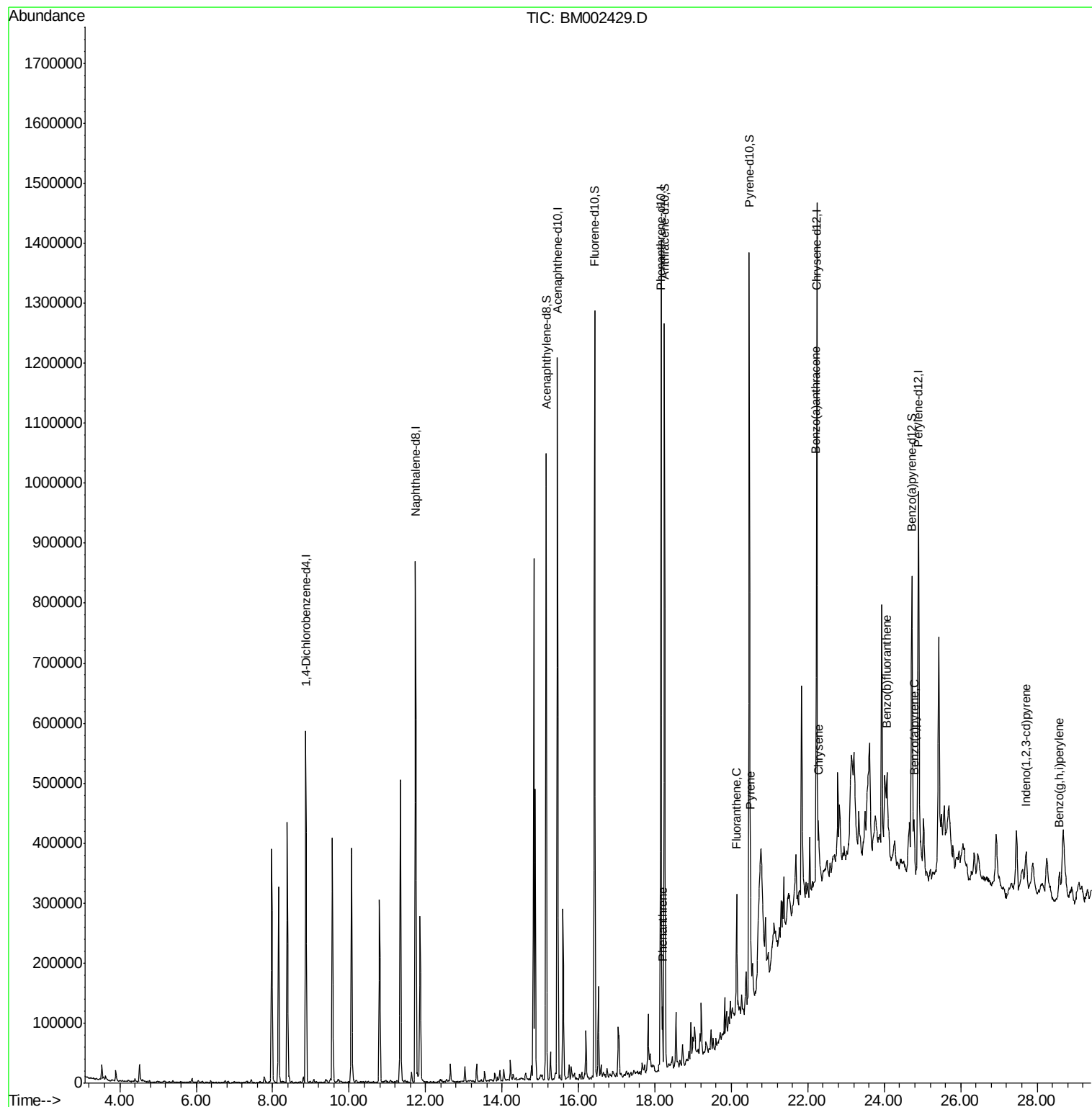
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081415\
Data File : BM002429.D
Acq On : 15 Aug 2015 17:48
Operator : UM/IZ
Sample : G3219-18
Misc :
ALS Vial : 35 Sample Multiplier: 1

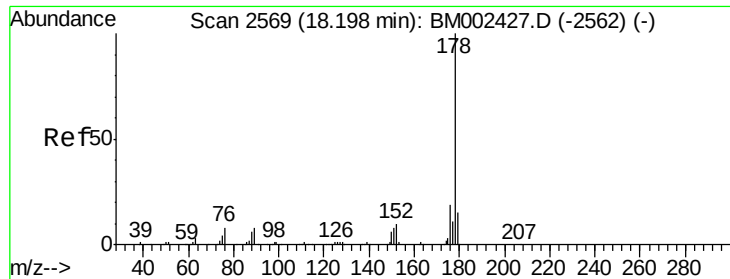
Instrument :
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Response via : Initial Calibration





#13

Phenanthrene

Concen: 1.28 ng/ul

RT: 18.20 min Scan# 2569

Delta R.T. 0.00 min

Lab File: BM002429.D

Acq: 15 Aug 2015 17:48

Instrument :

BNA_M

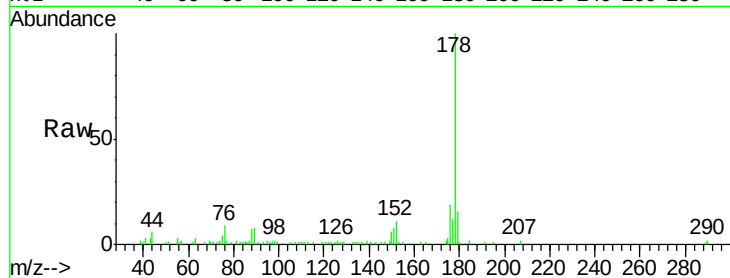
ClientSampleId :

D9DA9

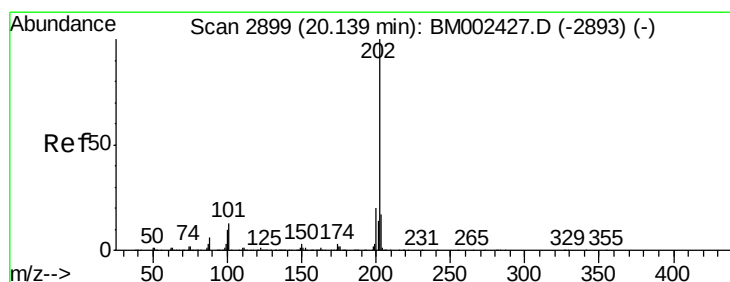
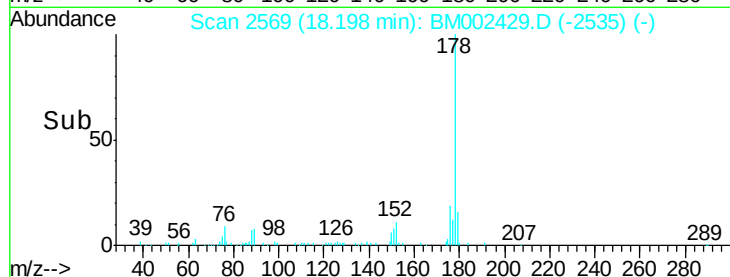
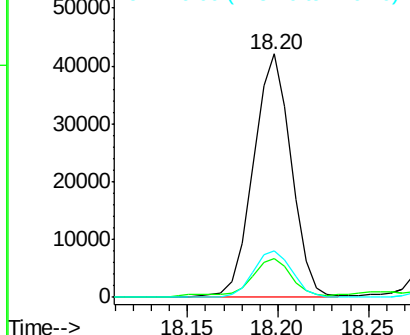
Tgt Ion:	178	Resp:	60999
Ion Ratio	Lower	Upper	
178	100		
179	15.7	12.4	18.6
176	19.3	15.1	22.7

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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: 2.14 ng/ul

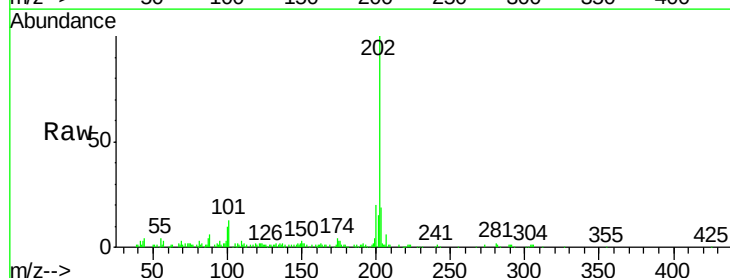
RT: 20.14 min Scan# 2899

Delta R.T. 0.00 min

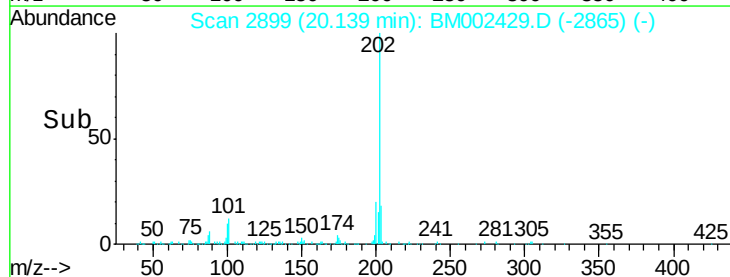
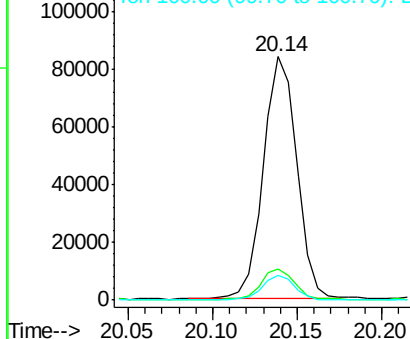
Lab File: BM002429.D

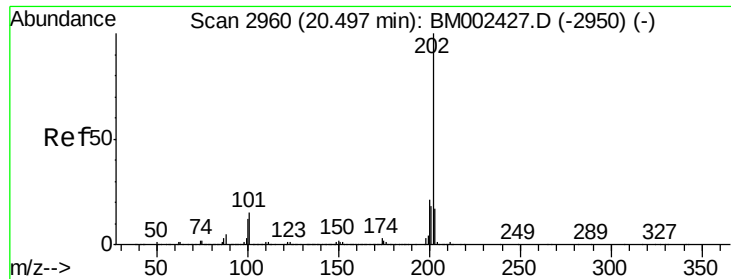
Acq: 15 Aug 2015 17:48

Tgt Ion:	202	Resp:	115997
Ion Ratio	Lower	Upper	
202	100		
101	12.7	9.7	14.5
100	10.1	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





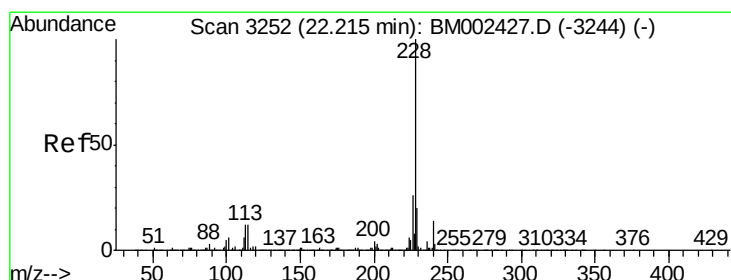
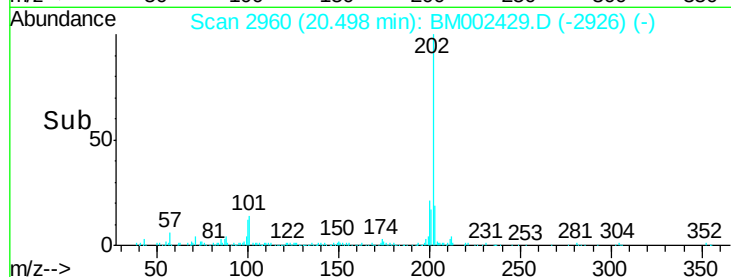
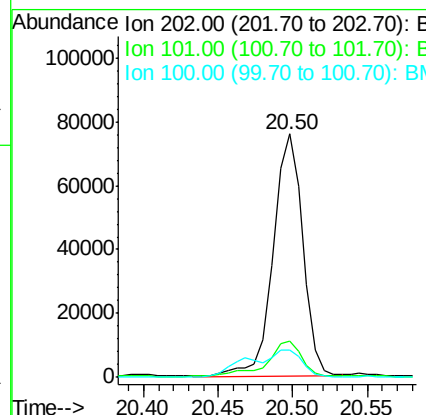
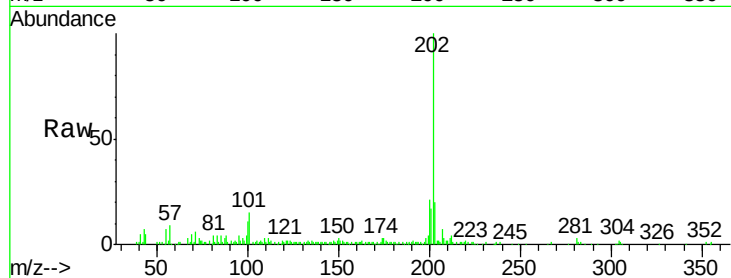
#19
 Pyrene
 Concen: 3.13 ng/ul
 RT: 20.50 min Scan# 2960
 Delta R.T. 0.00 min
 Lab File: BM002429.D
 Acq: 15 Aug 2015 17:48

Instrument :
 BNA_M
 ClientSampleId :
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Tgt Ion	Ratio	Resp	Lower	Upper
202	100	105790		
101	14.7	12.0	18.0	
100	11.4	9.7	14.5	

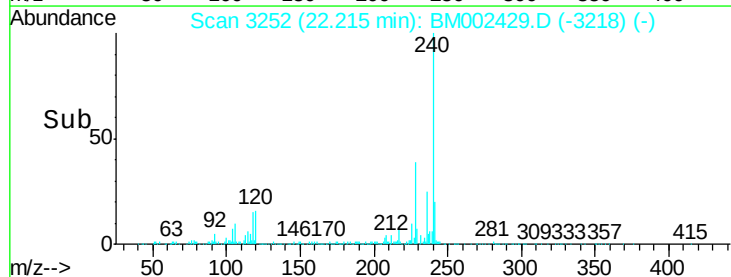
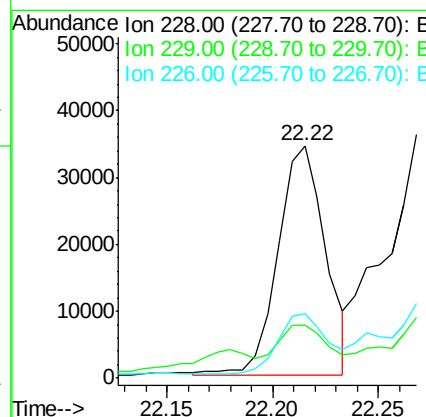
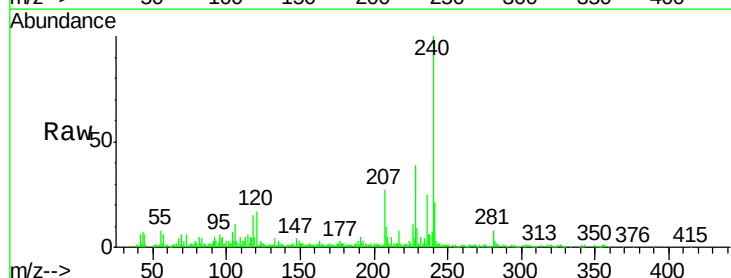
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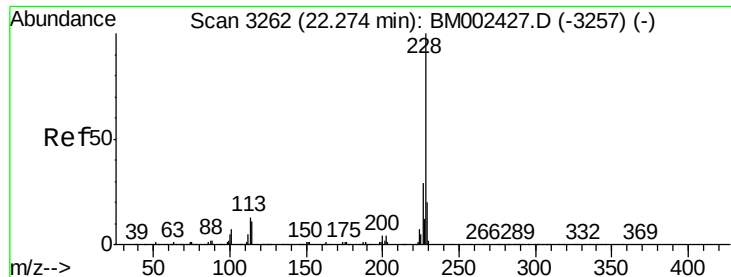
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#20
 Benzo(a)anthracene
 Concen: 1.56 ng/ul
 RT: 22.22 min Scan# 3252
 Delta R.T. 0.00 min
 Lab File: BM002429.D
 Acq: 15 Aug 2015 17:48

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	53824		
229	22.7	15.8	23.6	
226	27.6	21.1	31.7	





#21

Chrysene

Concen: 2.25 ng/ul m

RT: 22.27 min Scan# 3262

Delta R.T. 0.00 min

Lab File: BM002429.D

Acq: 15 Aug 2015 17:48

Instrument :

BNA_M

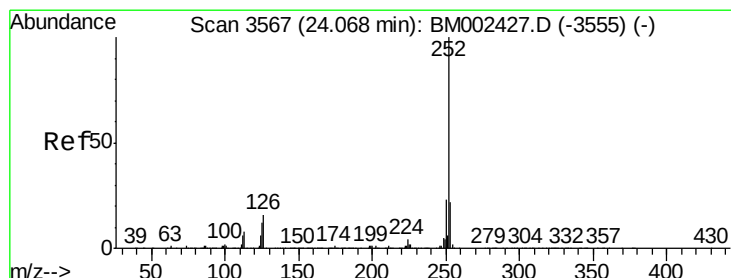
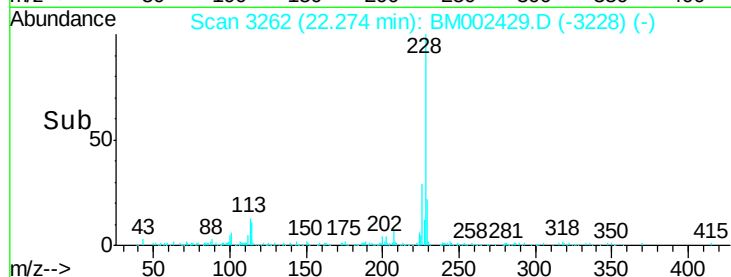
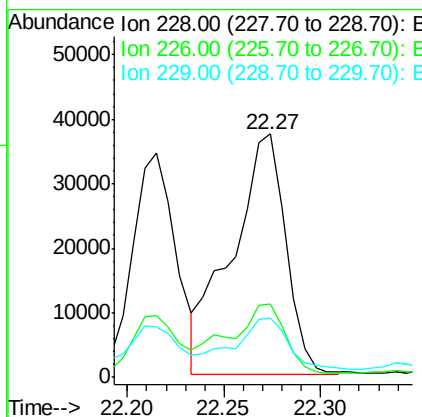
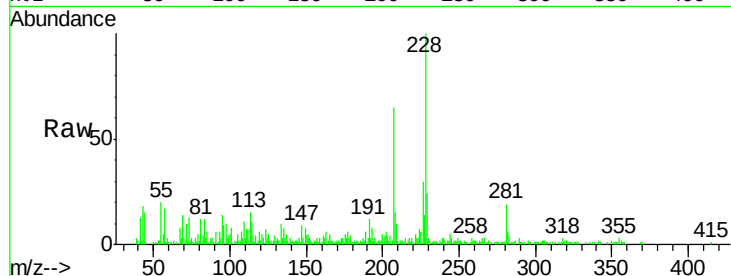
ClientSampleId :

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Tgt Ion:	228	Resp:	72704
Ion Ratio	Lower	Upper	
228	100		
226	30.2	23.4	35.2
229	24.4	15.7	23.5#

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#23

Benzo(b)fluoranthene

Concen: 3.15 ng/ul

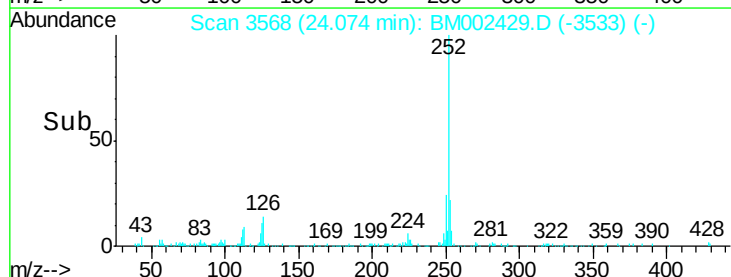
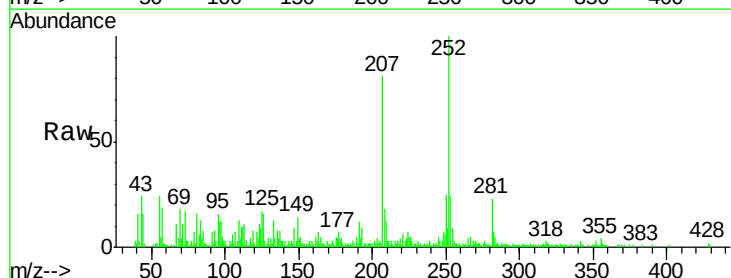
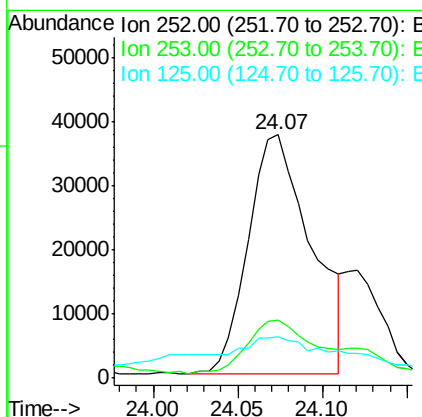
RT: 24.07 min Scan# 3568

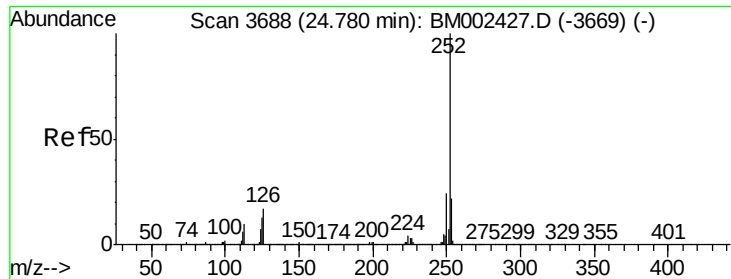
Delta R.T. 0.01 min

Lab File: BM002429.D

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Tgt Ion:	252	Resp:	97099
Ion Ratio	Lower	Upper	
252	100		
253	23.7	17.4	26.0
125	17.1	10.0	15.0#





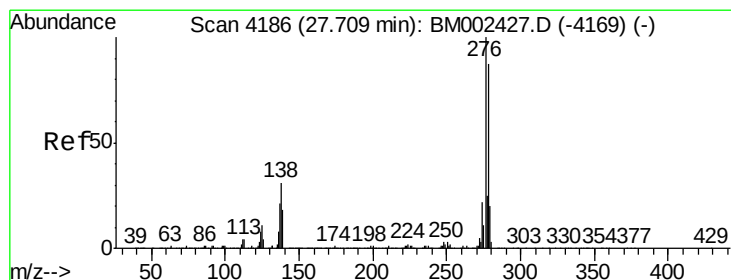
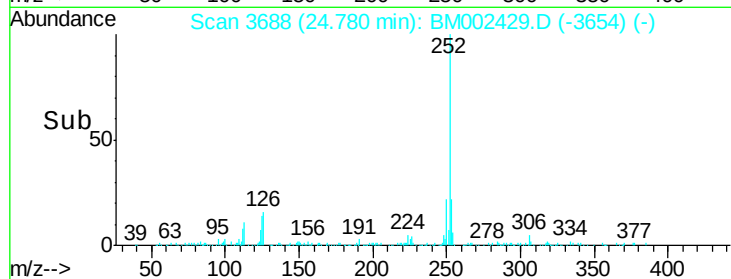
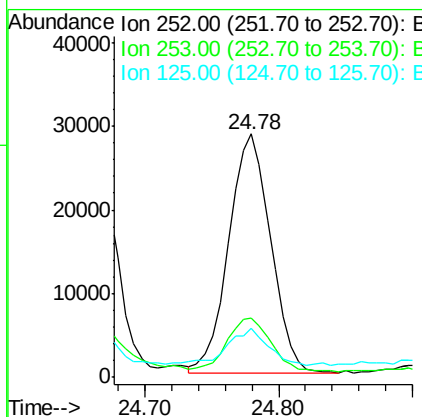
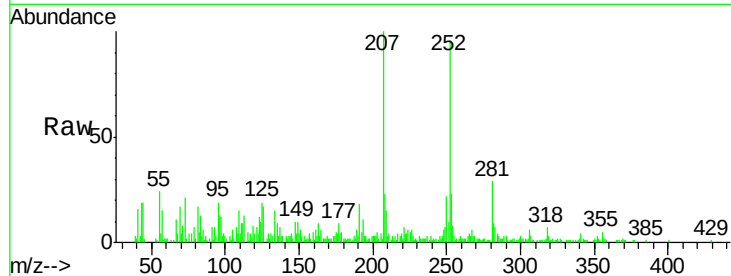
#26
Benzo(a)pyrene
Concen: 2.12 ng/ul
RT: 24.78 min Scan# 3688
Delta R.T. 0.00 min
Lab File: BM002429.D
Acq: 15 Aug 2015 17:48

Instrument :
BNA_M
ClientSampleId :
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Tgt Ion	Ratio	Resp	Lower	Upper
252	100	62241		
253	24.4	17.6	26.4	
125	20.0	10.7	16.1	

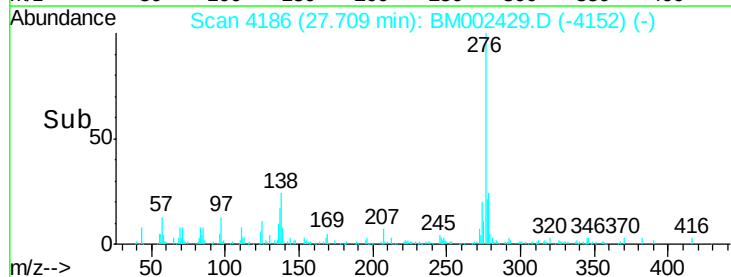
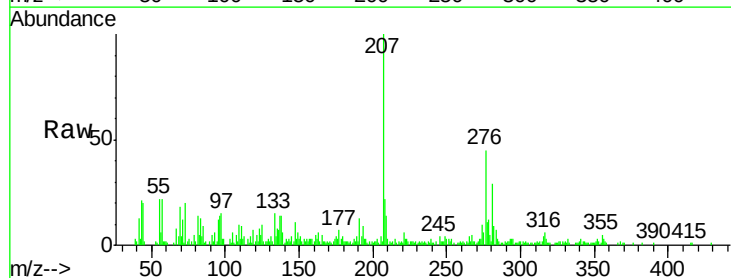
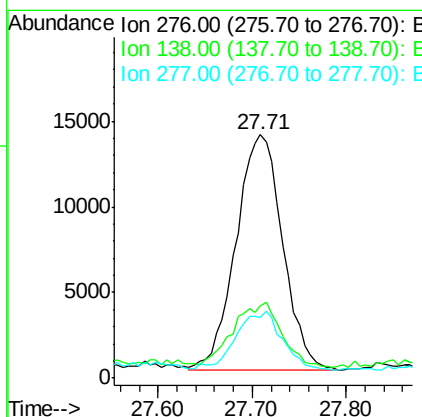
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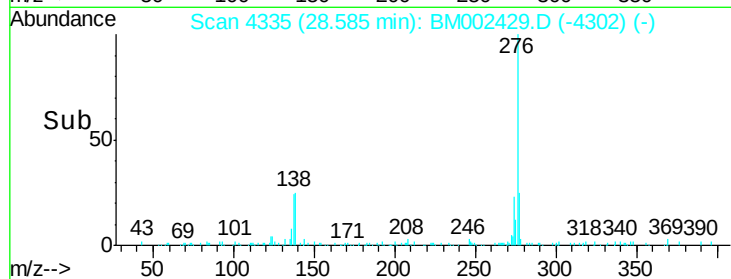
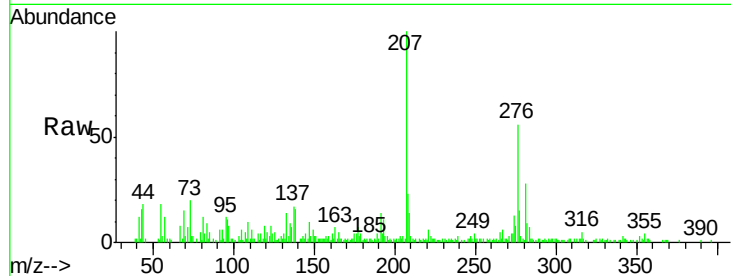
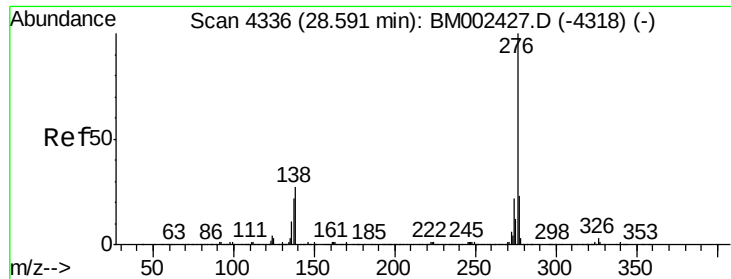
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#27
Indeno(1,2,3-cd)pyrene
Concen: 1.40 ng/ul
RT: 27.71 min Scan# 4186
Delta R.T. 0.00 min
Lab File: BM002429.D
Acq: 15 Aug 2015 17:48

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	47435		
138	29.8	25.3	37.9	
277	25.0	20.2	30.2	





#29

Benzo(g,h,i)perylene

Concen: 2.26 ng/ul

RT: 28.59 min Scan# 4335

Delta R.T. -0.01 min

Lab File: BM002429.D

Acq: 15 Aug 2015 17:48

Tgt Ion:	276	Resp:	63709
Ion Ratio	Lower	Upper	
276	100		
138	28.9	21.0	31.6
277	27.0	19.2	28.8

Instrument :

BNA_M

ClientSampleId :

D9DA9

Manual Integrations
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