

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081415\
 Data File : BM002437.D
 Acq On : 15 Aug 2015 22:40
 Operator : UM/IZ
 Sample : G3194-12
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9D93

Manual Integrations
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Quant Time: Aug 17 06:44:54 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	159597	20.00	ng/ul	0.00
2) Naphthalene-d8	11.75	136	719071	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.45	164	363705	20.00	ng/ul	0.00
12) Phenanthrene-d10	18.16	188	690735	20.00	ng/ul	0.00
17) Chrysene-d12	22.24	240	475080	20.00	ng/ul	0.00
22) Perylene-d12	24.91	264	440458	20.00	ng/ul	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
7) Acenaphthylene-d8	15.16	160	1241801	33.39	ng/ul	0.00
10) Fluorene-d10	16.43	176	795282	30.45	ng/ul	0.00
14) Anthracene-d10	18.26	188	1060345	31.82	ng/ul	0.00
18) Pyrene-d10	20.47	212	853660	40.54	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.73	264	606560	26.22	ng/ul	0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Phenanthrene	18.20	178	160066	4.01	ng/ul	99
16) Fluoranthene	20.14	202	236747	5.24	ng/ul	99
19) Pyrene	20.50	202	210724	7.57	ng/ul	98
20) Benzo(a)anthracene	22.21	228	96281	3.39	ng/ul#	91
21) Chrysene	22.27	228	129479	4.87	ng/ul#	91
23) Benzo(b)fluoranthene	24.08	252	134216	5.04	ng/ul#	93
24) Benzo(k)fluoranthene	24.12	252	40921m	1.62	ng/ul	
26) Benzo(a)pyrene	24.79	252	85817	3.37	ng/ul#	90
27) Indeno(1,2,3-cd)pyrene	27.73	276	62730	2.14	ng/ul	98
29) Benzo(g,h,i)perylene	28.61	276	69254	2.84	ng/ul	94

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

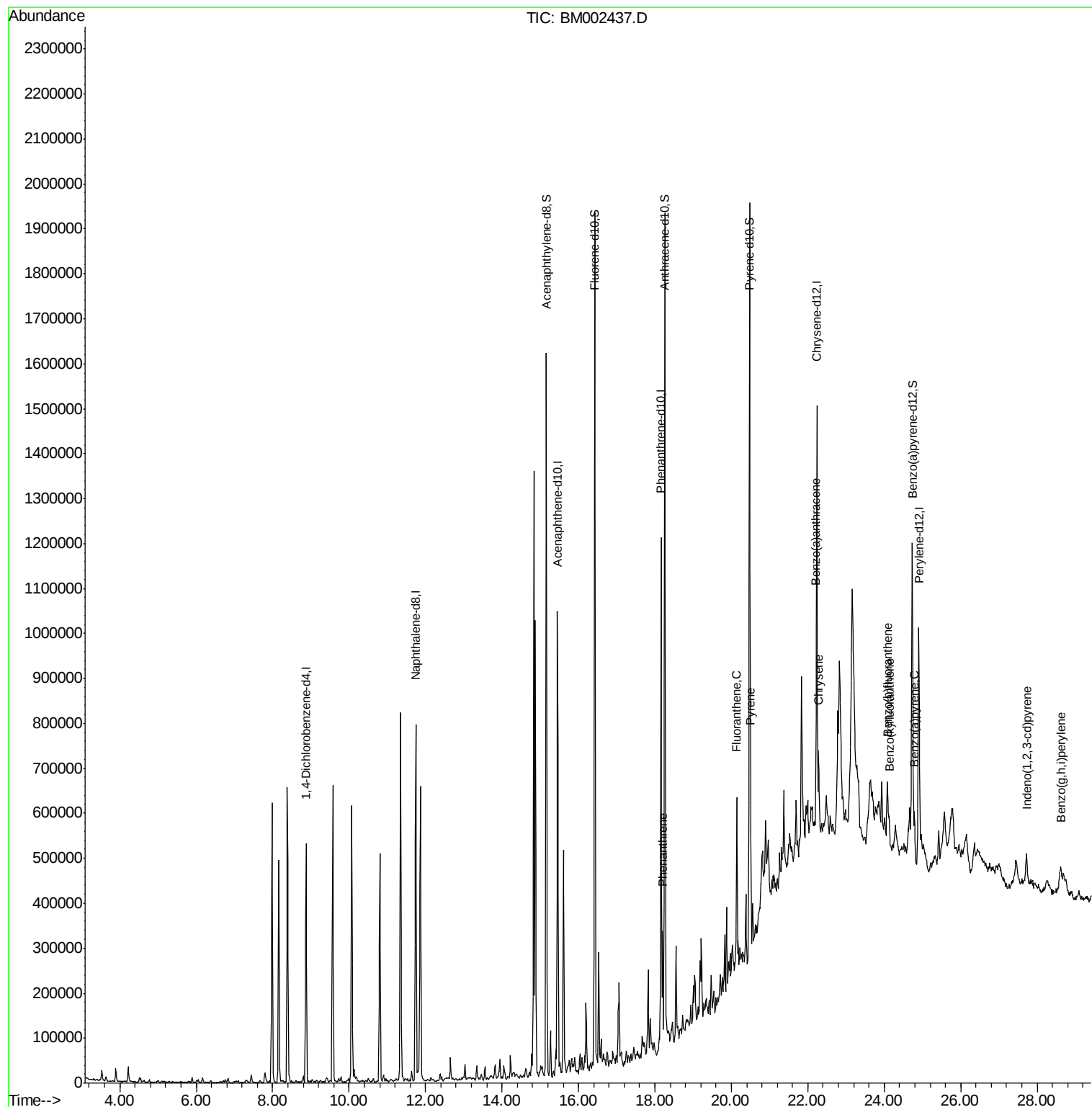
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081415\
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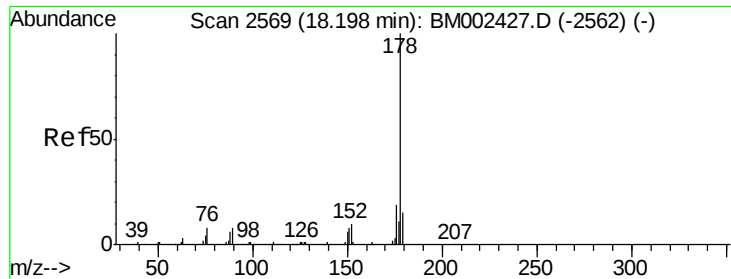
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Quant Title : SVOA CALIBRATION
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#13

Phenanthrene

Concen: 4.01 ng/ul

RT: 18.20 min Scan# 2570

Delta R.T. 0.01 min

Lab File: BM002437.D

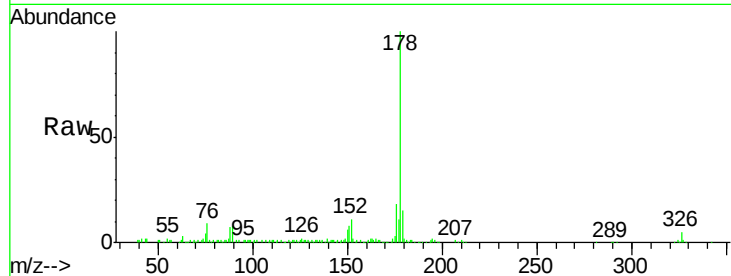
Acq: 15 Aug 2015 22:40

Instrument :

BNA_M

ClientSampleId :

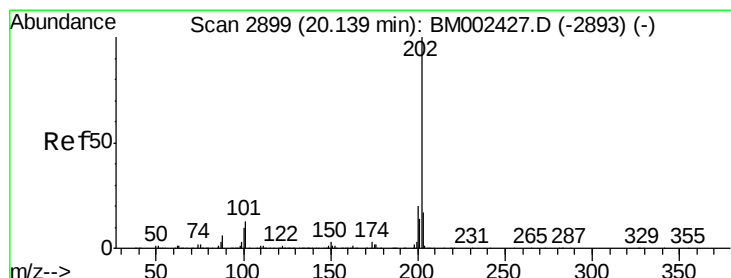
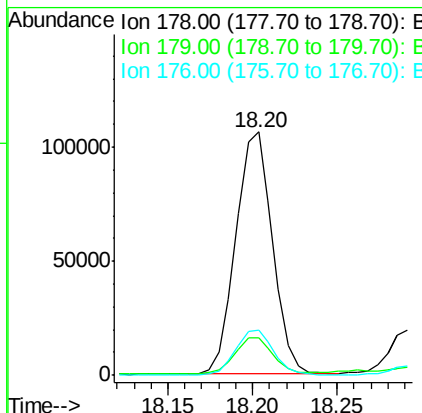
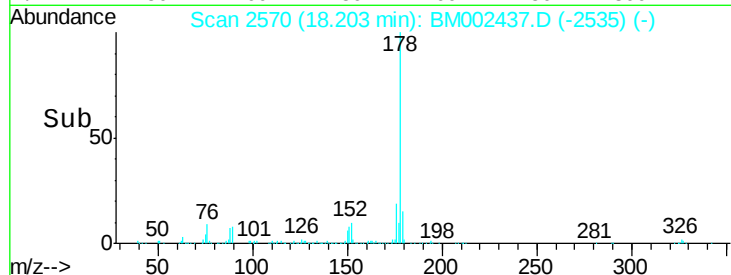
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Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.4	18.6
176	18.5	15.1	22.7

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#16

Fluoranthene

Concen: 5.24 ng/ul

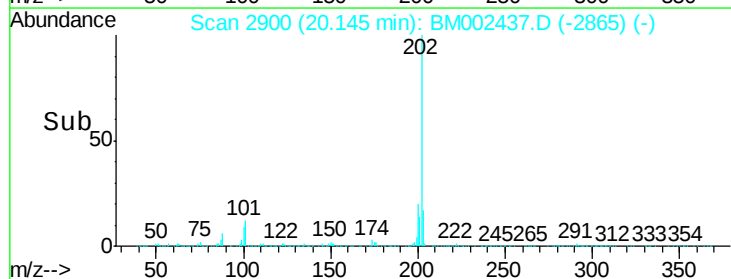
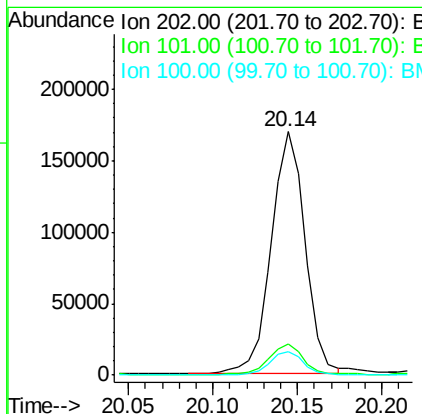
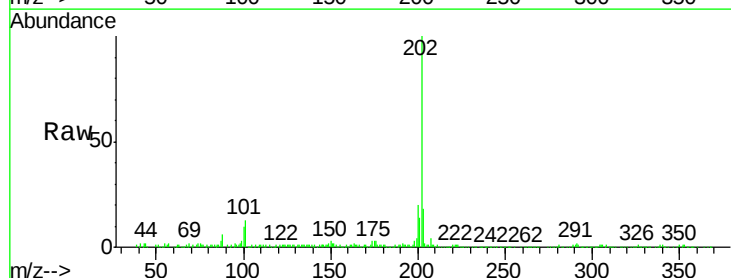
RT: 20.14 min Scan# 2900

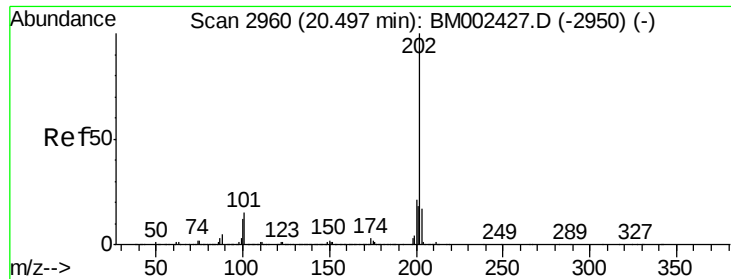
Delta R.T. 0.01 min

Lab File: BM002437.D

Acq: 15 Aug 2015 22:40

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.7	9.7	14.5
100	9.6	7.4	11.2





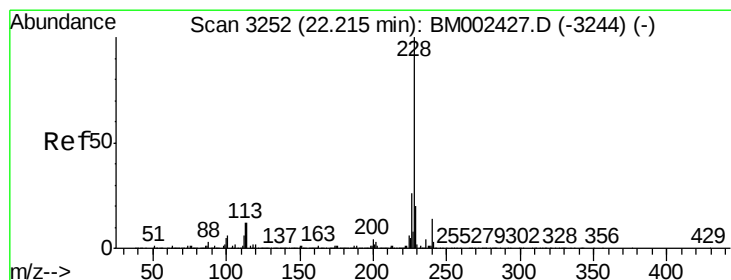
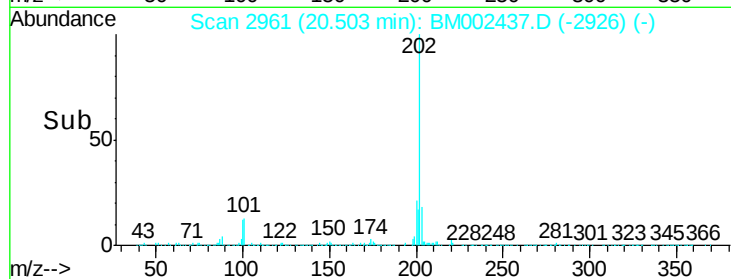
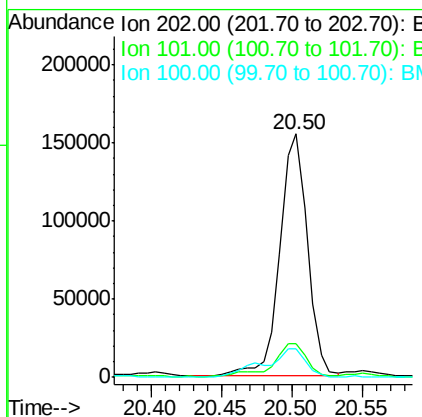
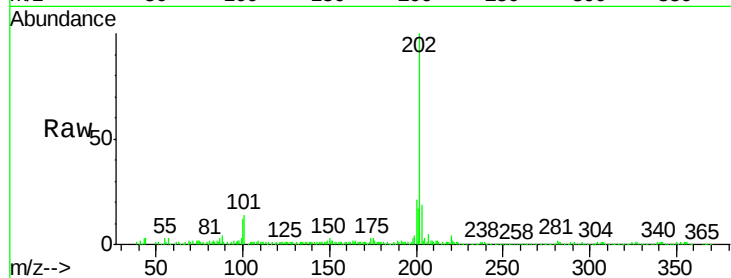
#19
 Pyrene
 Concen: 7.57 ng/ul
 RT: 20.50 min Scan# 2961
 Delta R.T. 0.01 min
 Lab File: BM002437.D
 Acq: 15 Aug 2015 22:40

Instrument :
 BNA_M
 ClientSampleId :
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Tgt Ion	Ratio	Resp	Lower	Upper
202	100	210724		
101	13.8	12.0	18.0	
100	11.6	9.7	14.5	

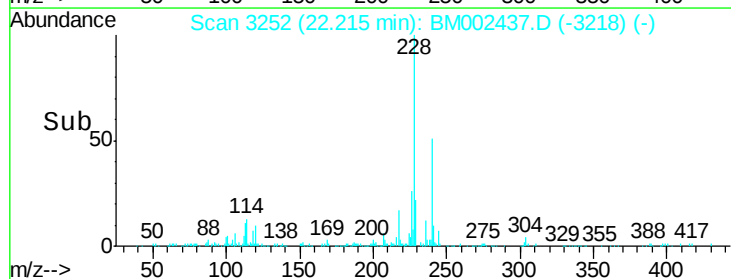
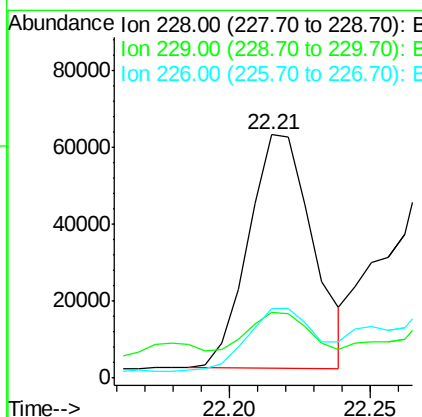
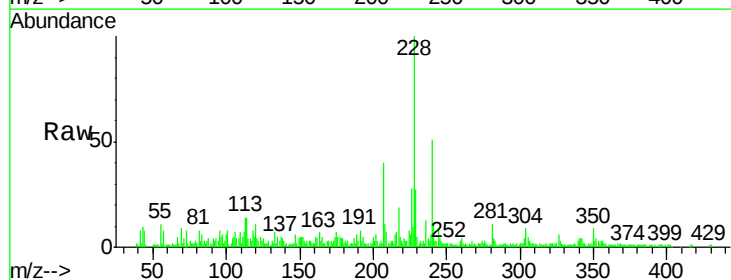
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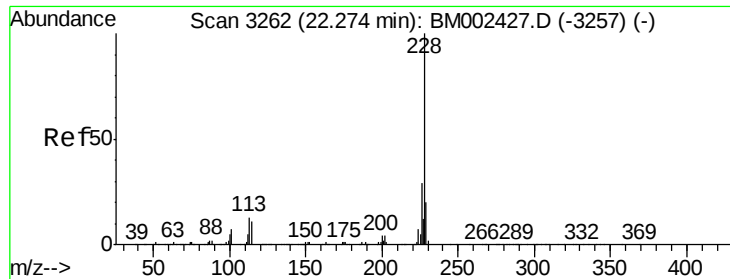
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#20
 Benzo(a)anthracene
 Concen: 3.39 ng/ul
 RT: 22.21 min Scan# 3252
 Delta R.T. -0.00 min
 Lab File: BM002437.D
 Acq: 15 Aug 2015 22:40

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	96281		
229	27.1	15.8	23.6#	
226	28.5	21.1	31.7	





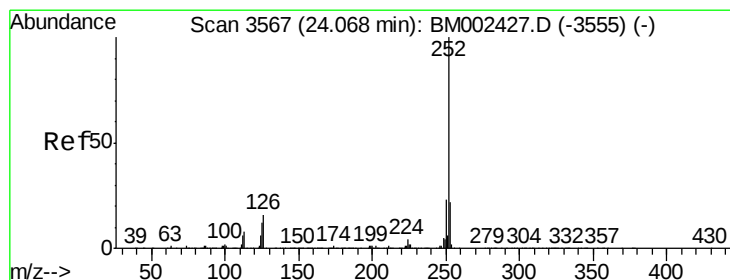
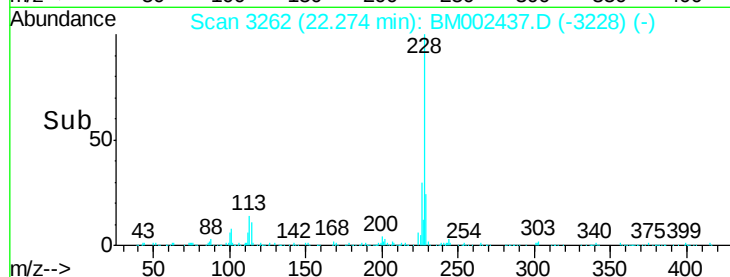
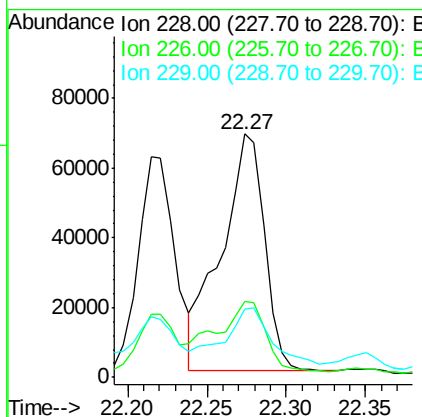
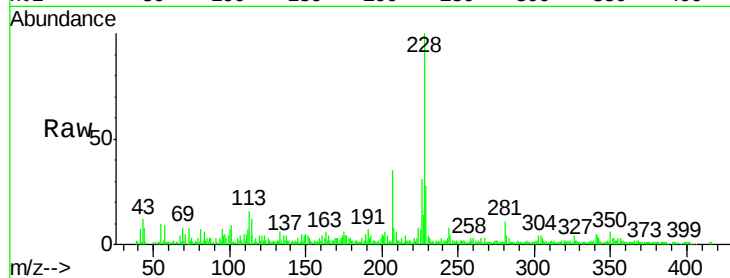
#21
Chrysene
Concen: 4.87 ng/ul
RT: 22.27 min Scan# 3262
Delta R.T. -0.00 min
Lab File: BM002437.D
Acq: 15 Aug 2015 22:40

Instrument :
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ClientSampleId :
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Tgt Ion	Ratio	Resp	Lower	Upper
228	100	129479		
226	31.2	23.4	35.2	
229	28.0	15.7	23.5#	

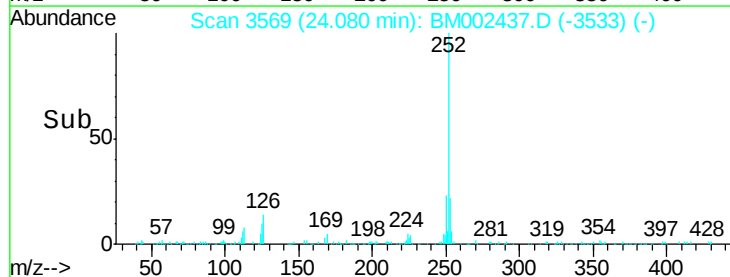
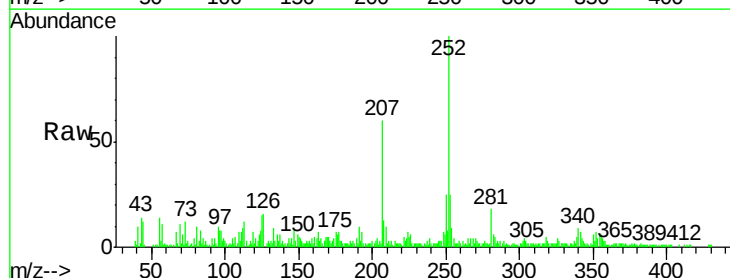
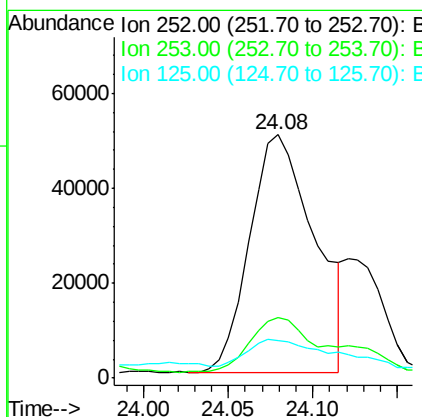
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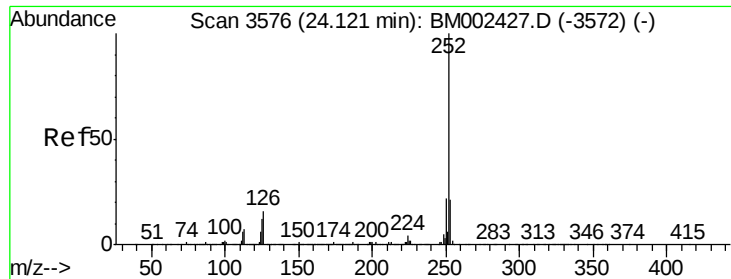
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#23
Benzo(b)fluoranthene
Concen: 5.04 ng/ul
RT: 24.08 min Scan# 3569
Delta R.T. 0.01 min
Lab File: BM002437.D
Acq: 15 Aug 2015 22:40

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	134216		
253	24.7	17.4	26.0	
125	15.3	10.0	15.0#	





#24

Benzo(k)fluoranthene

Concen: 1.62 ng/ul m

RT: 24.12 min Scan# 3576

Delta R.T. -0.00 min

Lab File: BM002437.D

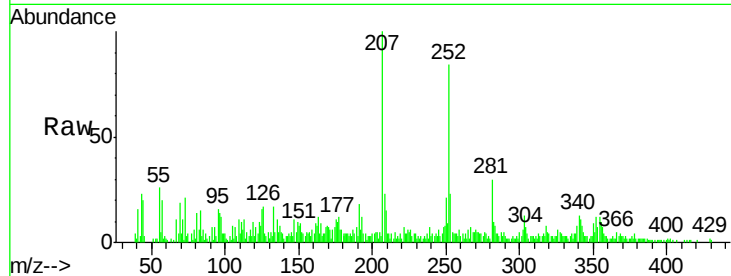
Acq: 15 Aug 2015 22:40

Instrument :

BNA_M

ClientSampleId :

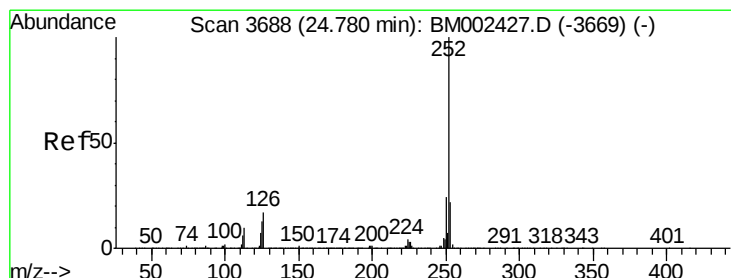
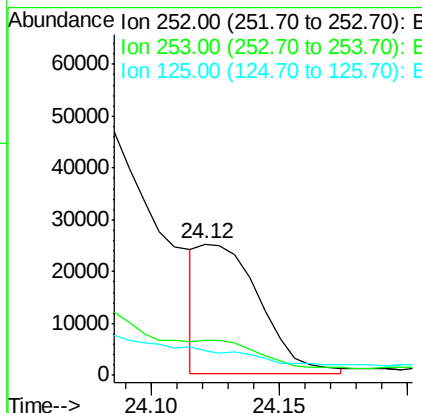
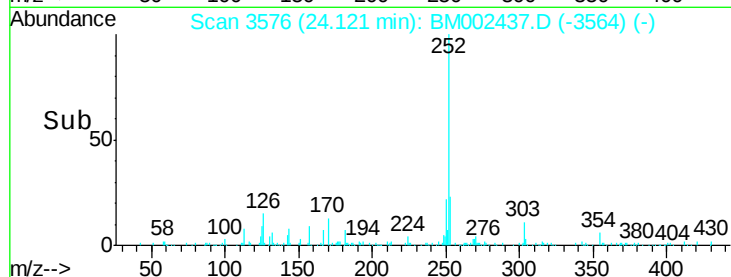
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Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.8	17.8	26.6#
125	19.2	9.8	14.8#

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#26

Benzo(a)pyrene

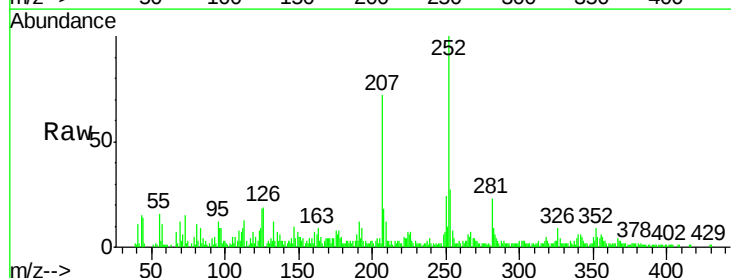
Concen: 3.37 ng/ul

RT: 24.79 min Scan# 3689

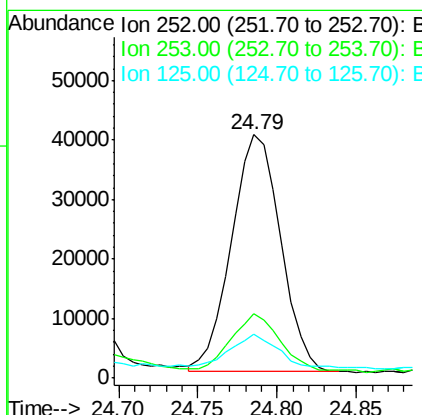
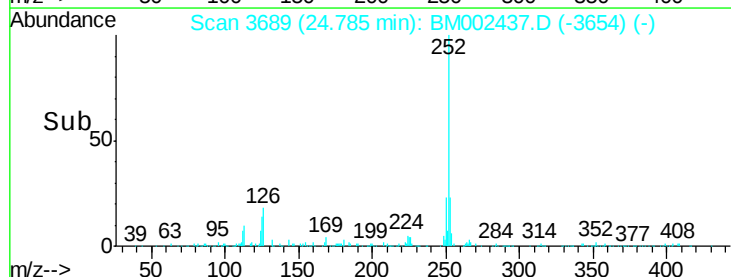
Delta R.T. 0.01 min

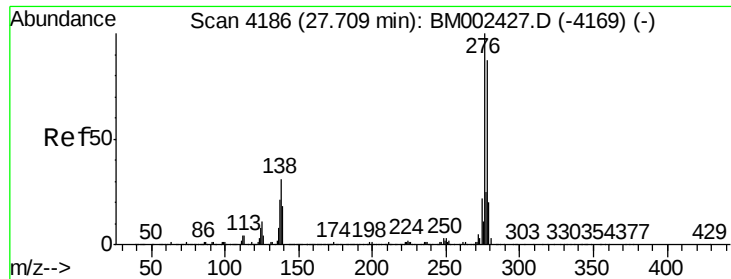
Lab File: BM002437.D

Acq: 15 Aug 2015 22:40



Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.5	17.6	26.4#
125	18.2	10.7	16.1#





#27

Indeno(1,2,3-cd)pyrene

Concen: 2.14 ng/ul

RT: 27.73 min Scan# 4189

Delta R.T. 0.02 min

Lab File: BM002437.D

Acq: 15 Aug 2015 22:40

Instrument :

BNA_M

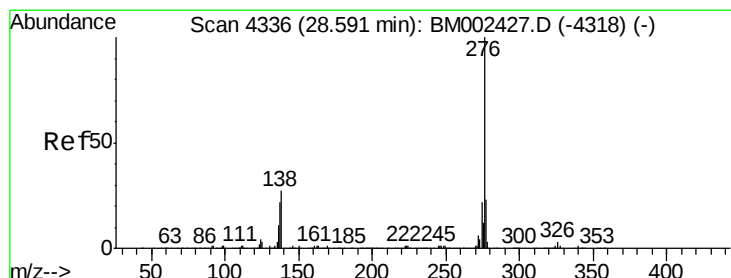
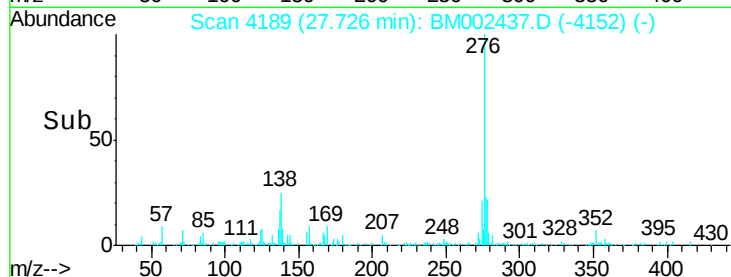
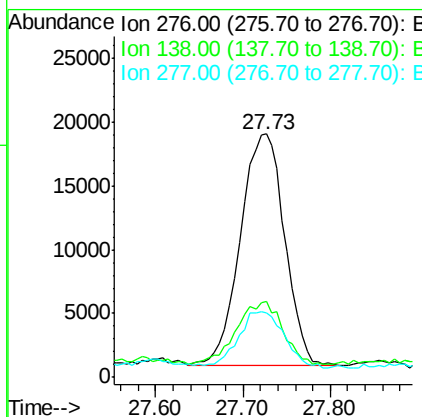
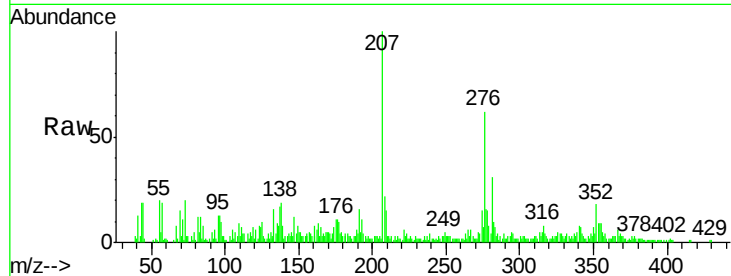
ClientSampleId :

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Tgt Ion:	276	Resp:	62730
Ion Ratio	Lower	Upper	
276	100		
138	31.2	25.3	37.9
277	26.7	20.2	30.2

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#29

Benzo(g,h,i)perylene

Concen: 2.84 ng/ul

RT: 28.61 min Scan# 4339

Delta R.T. 0.02 min

Lab File: BM002437.D

Acq: 15 Aug 2015 22:40

Tgt Ion:	276	Resp:	69254
Ion Ratio	Lower	Upper	
276	100		
138	29.0	21.0	31.6
277	27.8	19.2	28.8

