

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081415\
 Data File : BM002411.D
 Acq On : 15 Aug 2015 06:43
 Operator : UM/IZ
 Sample : G3219-20
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9DB1

Manual Integrations
 APPROVED

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Quant Time: Aug 17 03:01:36 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	141182	20.00	ng/ul	0.00
2) Naphthalene-d8	11.73	136	678969	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.44	164	371954	20.00	ng/ul	0.00
12) Phenanthrene-d10	18.15	188	789889	20.00	ng/ul	0.00
17) Chrysene-d12	22.22	240	778797	20.00	ng/ul	0.00
22) Perylene-d12	24.88	264	606979	20.00	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
7) Acenaphthylene-d8	15.15	160	804313	21.15	ng/ul	0.00
10) Fluorene-d10	16.42	176	542371	20.31	ng/ul	0.00
14) Anthracene-d10	18.24	188	783868	20.57	ng/ul	0.00
18) Pyrene-d10	20.46	212	825135	23.90	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.71	264	644629	20.22	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Phenanthrene	18.19	178	87366	1.92	ng/ul	99
16) Fluoranthene	20.13	202	188392	3.65	ng/ul	99
19) Pyrene	20.49	202	167047	3.66	ng/ul	99
20) Benzo(a)anthracene	22.20	228	95938	2.06	ng/ul	98
21) Chrysene	22.26	228	115319	2.65	ng/ul	97
23) Benzo(b)fluoranthene	24.06	252	161377	4.40	ng/ul#	96
24) Benzo(k)fluoranthene	24.10	252	38961m	1.12	ng/ul	
26) Benzo(a)pyrene	24.76	252	82525	2.35	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	27.68	276	63243	1.57	ng/ul	95
29) Benzo(g,h,i)perylene	28.55	276	60851	1.81	ng/ul	96

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

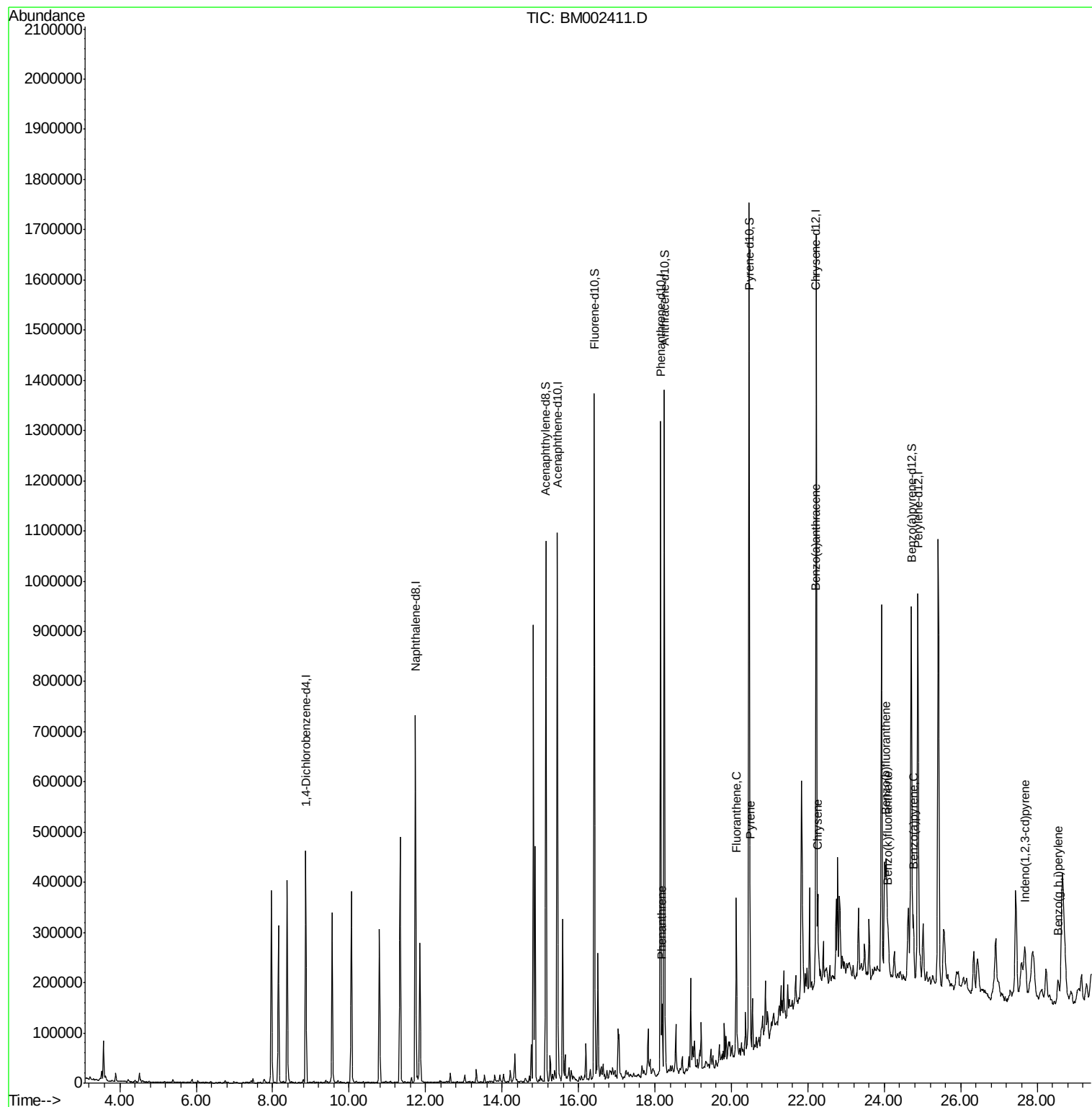
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081415\
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ALS Vial : 18 Sample Multiplier: 1

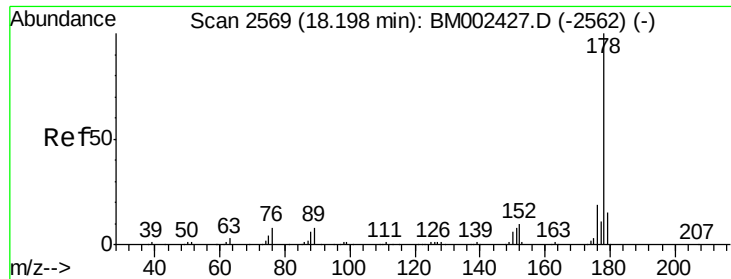
Instrument :
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Quant Title : SVOA CALIBRATION
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#13

Phenanthrene

Concen: 1.92 ng/ul

RT: 18.19 min Scan# 2568

Delta R.T. 0.00 min

Lab File: BM002411.D

Acq: 15 Aug 2015 06:43

Instrument :

BNA_M

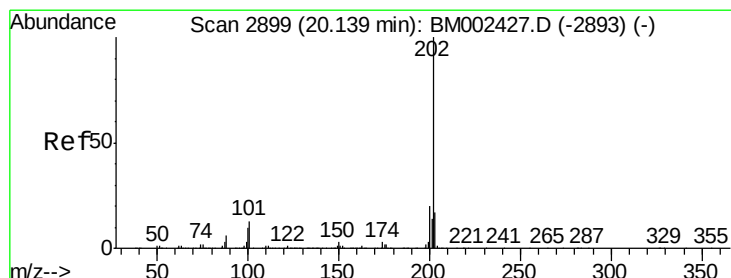
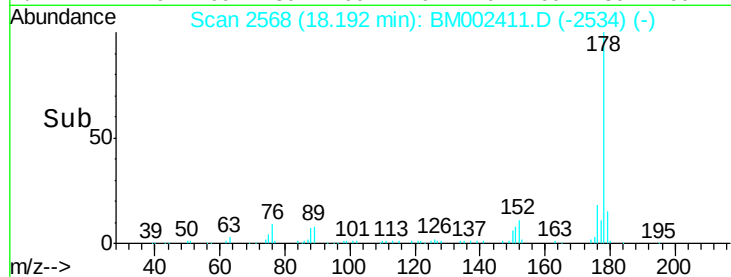
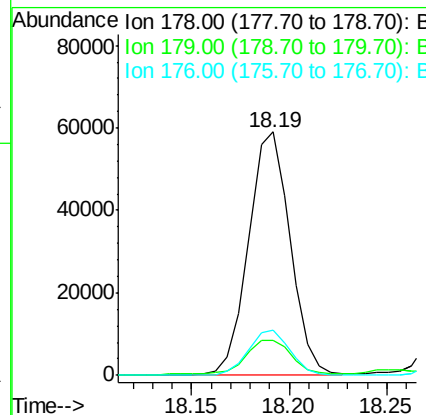
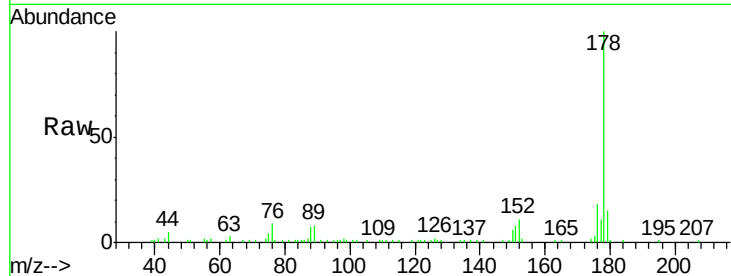
ClientSampleId :

D9DB1

Tgt Ion:	178	Resp:	87366
Ion Ratio	Lower	Upper	
178	100		
179	14.6	12.4	18.6
176	18.5	15.1	22.7

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#16

Fluoranthene

Concen: 3.65 ng/ul

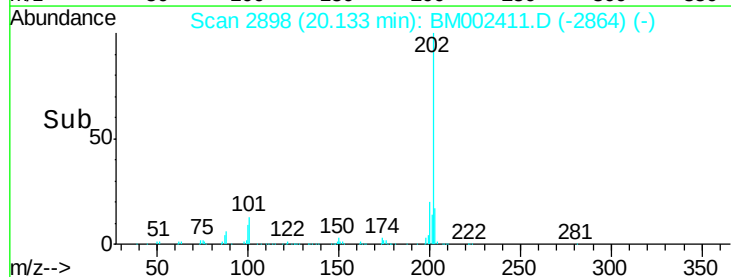
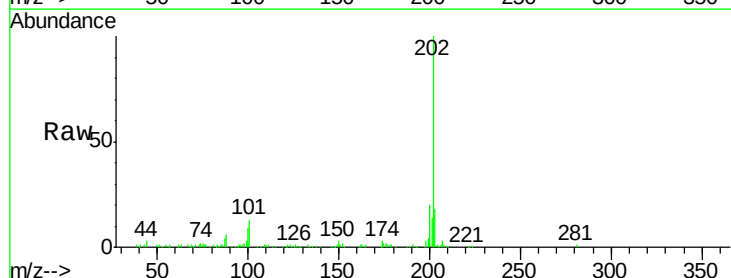
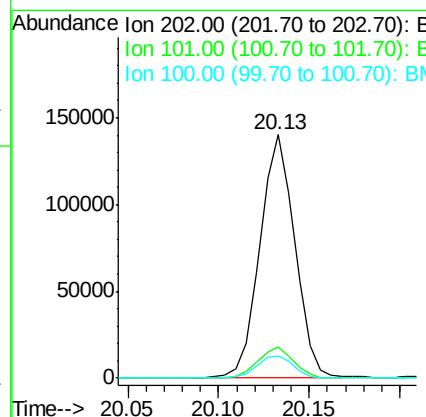
RT: 20.13 min Scan# 2898

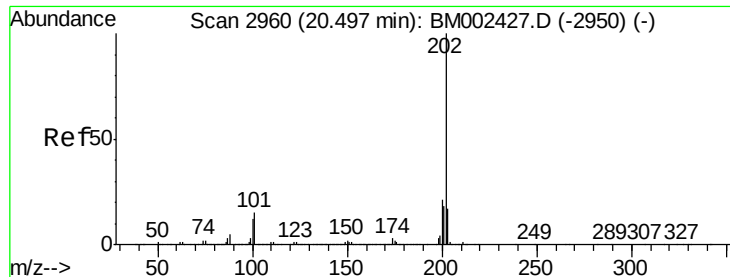
Delta R.T. 0.00 min

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Acq: 15 Aug 2015 06:43

Tgt Ion:	202	Resp:	188392
Ion Ratio	Lower	Upper	
202	100		
101	12.9	9.7	14.5
100	9.0	7.4	11.2





#19

Pyrene

Concen: 3.66 ng/ul

RT: 20.49 min Scan# 2959

Delta R.T. 0.00 min

Lab File: BM002411.D

Acq: 15 Aug 2015 06:43

Instrument :

BNA_M

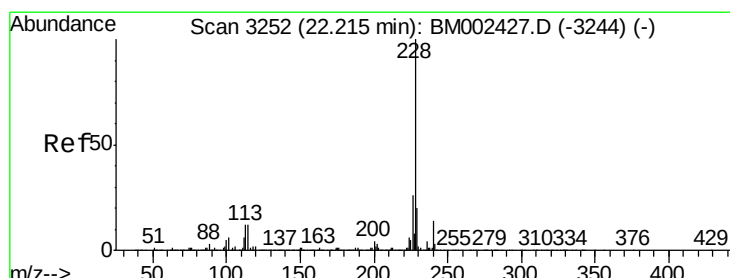
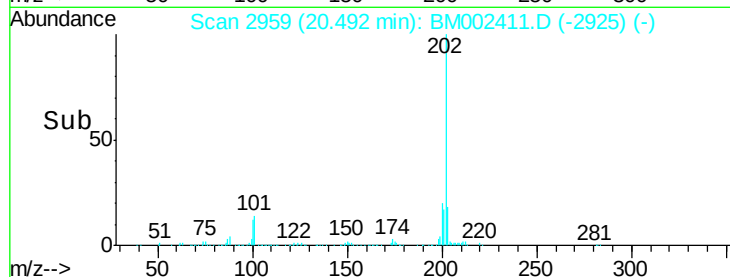
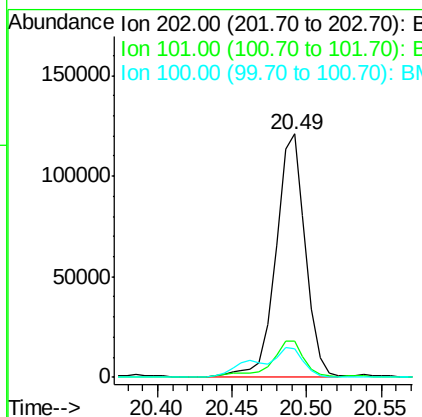
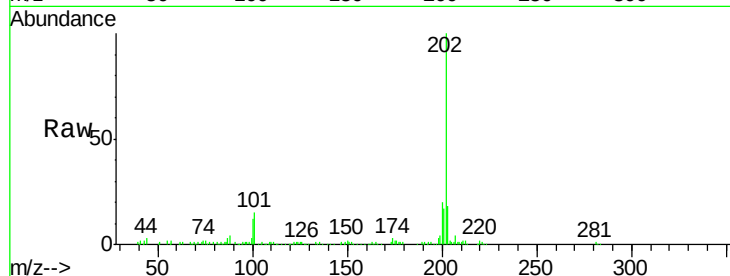
ClientSampleId :

D9DB1

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	167047		
101	14.7	12.0	18.0	
100	11.6	9.7	14.5	

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#20

Benzo(a)anthracene

Concen: 2.06 ng/ul

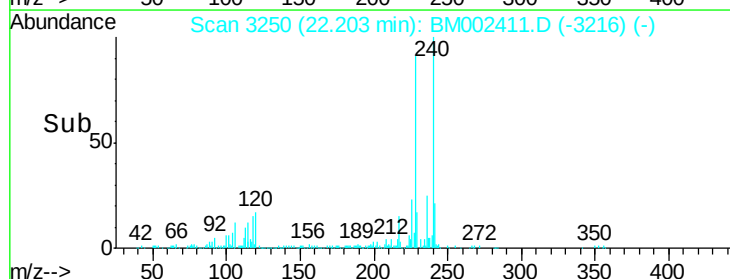
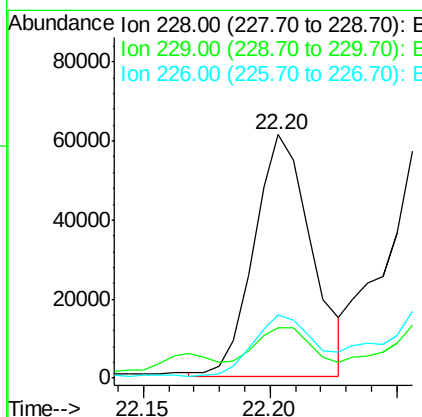
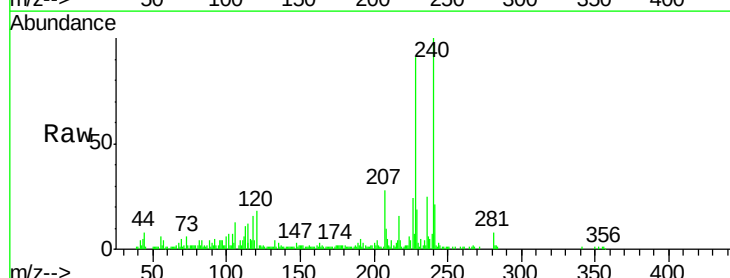
RT: 22.20 min Scan# 3250

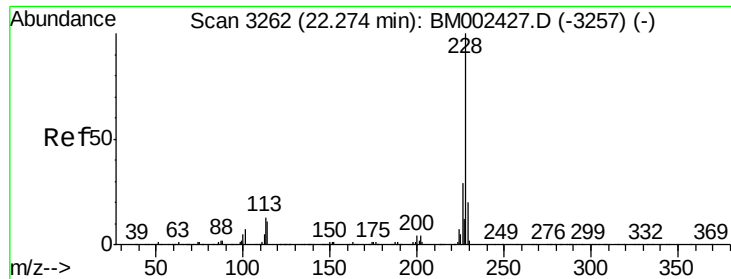
Delta R.T. 0.00 min

Lab File: BM002411.D

Acq: 15 Aug 2015 06:43

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	95938		
229	20.9	15.8	23.6	
226	26.0	21.1	31.7	





#21

Chrysene

Concen: 2.65 ng/ul

RT: 22.26 min Scan# 3260

Delta R.T. 0.00 min

Lab File: BM002411.D

Acq: 15 Aug 2015 06:43

Instrument :

BNA_M

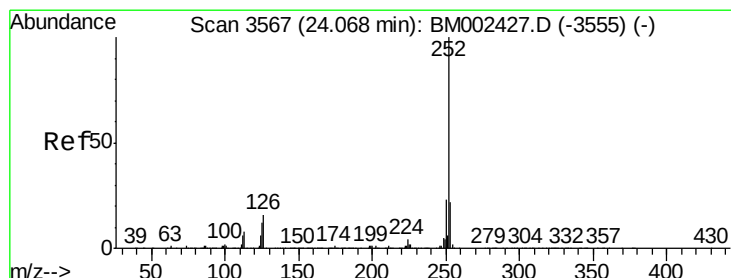
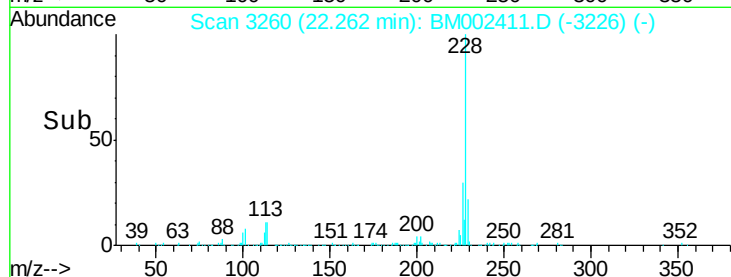
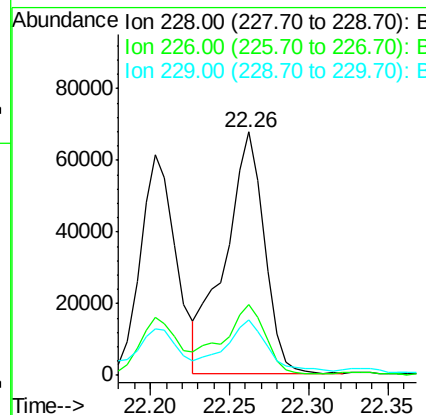
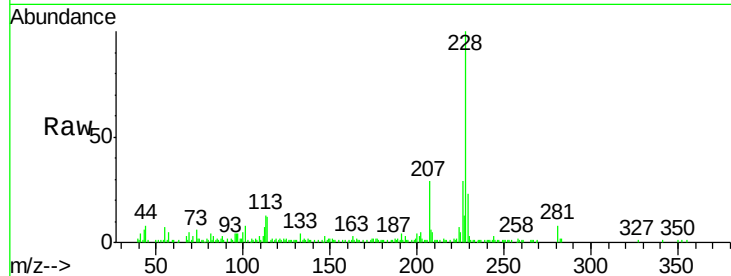
ClientSampleId :

D9DB1

Tgt Ion:	228	Resp:	115319
Ion Ratio	Lower	Upper	
228	100		
226	29.3	23.4	35.2
229	22.9	15.7	23.5

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#23

Benzo(b)fluoranthene

Concen: 4.40 ng/ul

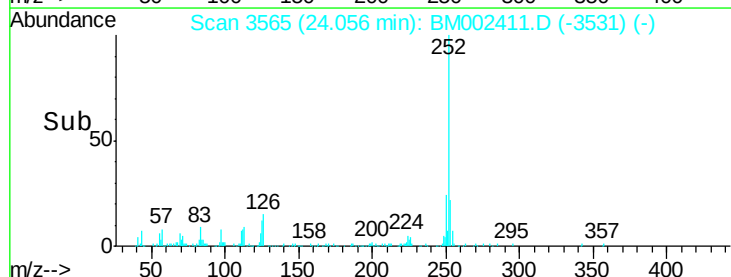
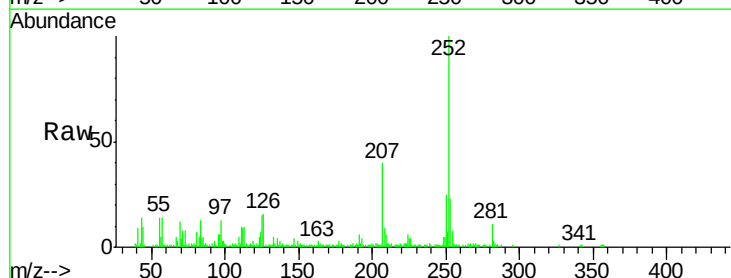
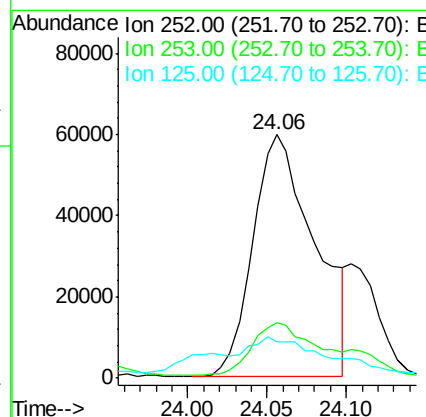
RT: 24.06 min Scan# 3565

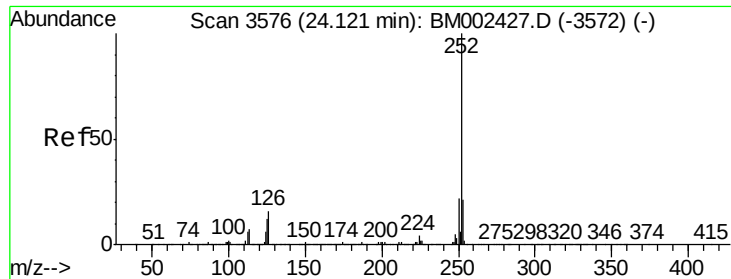
Delta R.T. 0.00 min

Lab File: BM002411.D

Acq: 15 Aug 2015 06:43

Tgt Ion:	252	Resp:	161377
Ion Ratio	Lower	Upper	
252	100		
253	22.6	17.4	26.0
125	15.1	10.0	15.0#





#24

Benzo(k)fluoranthene

Concen: 1.12 ng/ul m

RT: 24.10 min Scan# 3573

Delta R.T. -0.01 min

Lab File: BM002411.D

Acq: 15 Aug 2015 06:43

Instrument :

BNA_M

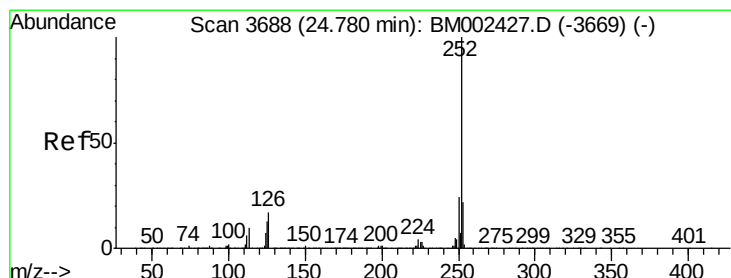
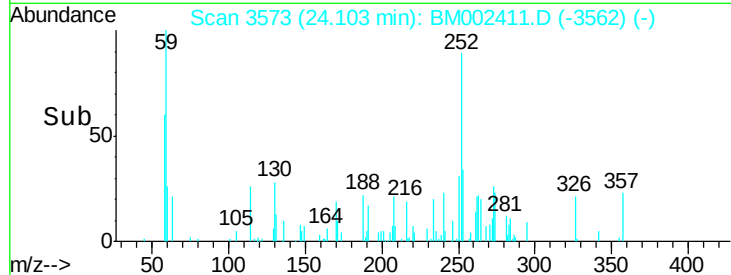
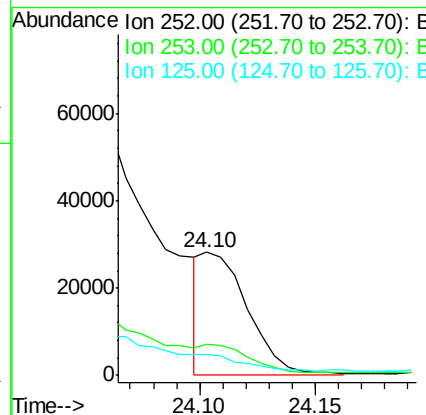
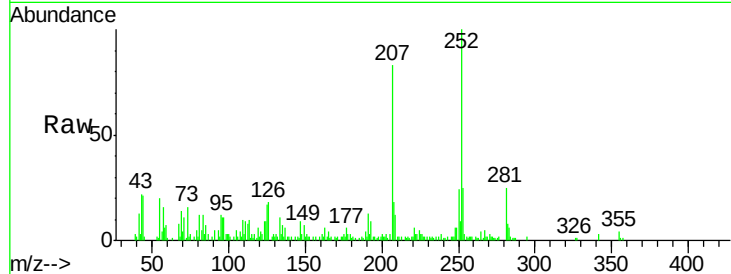
ClientSampled :

D9DB1

Tgt Ion:	252	Resp:	38961
Ion Ratio	Lower	Upper	
252	100		
253	25.1	17.8	26.6
125	17.4	9.8	14.8#

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#26

Benzo(a)pyrene

Concen: 2.35 ng/ul

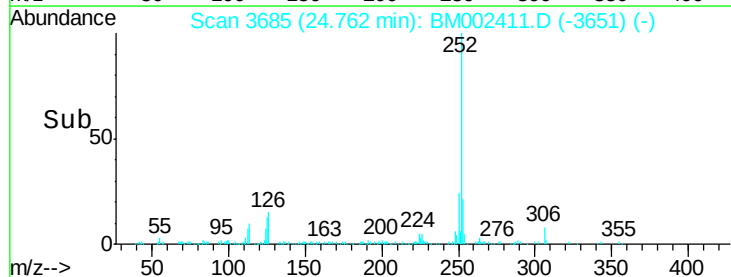
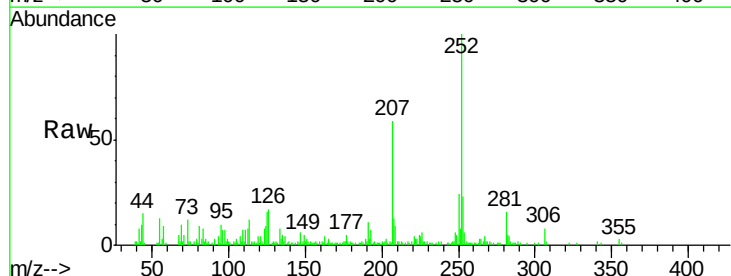
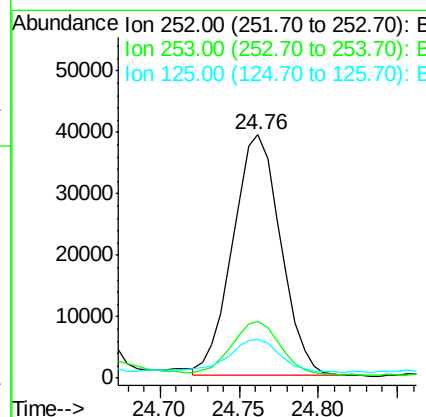
RT: 24.76 min Scan# 3685

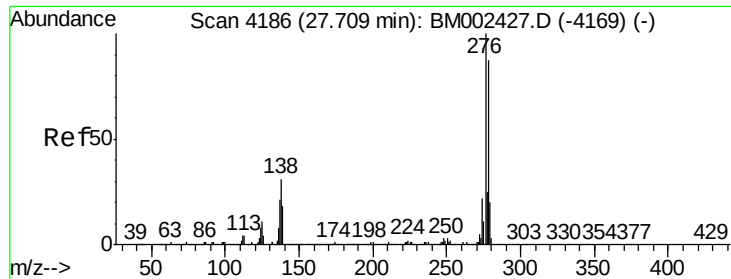
Delta R.T. 0.00 min

Lab File: BM002411.D

Acq: 15 Aug 2015 06:43

Tgt Ion:	252	Resp:	82525
Ion Ratio	Lower	Upper	
252	100		
253	23.1	17.6	26.4
125	16.0	10.7	16.1





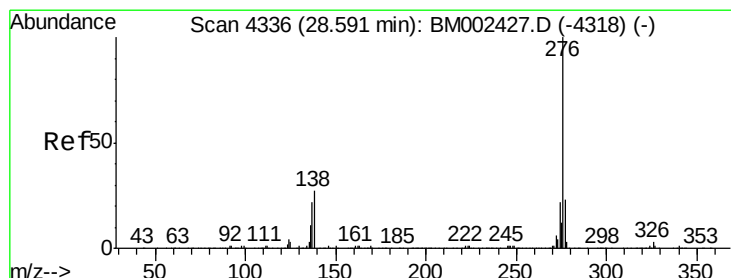
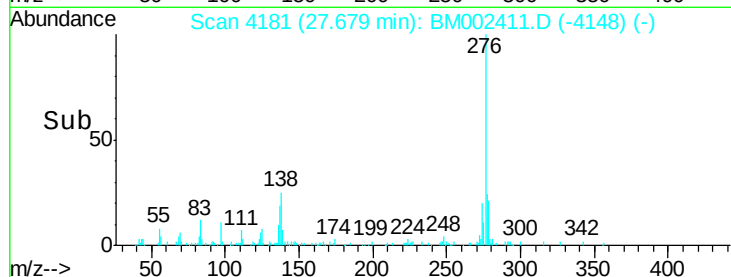
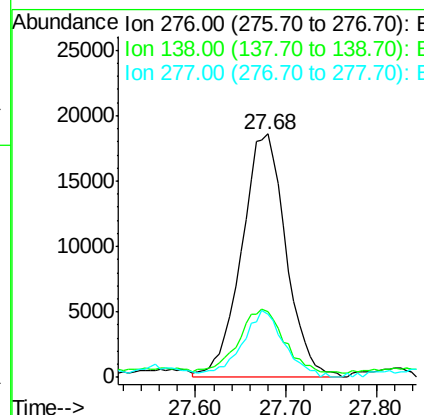
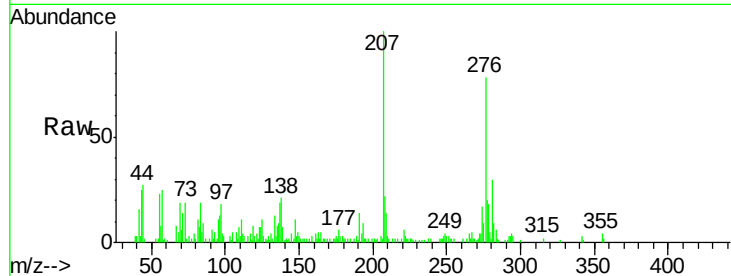
#27
 Indeno(1,2,3-cd)pyrene
 Concen: 1.57 ng/ul
 RT: 27.68 min Scan# 4181
 Delta R.T. -0.01 min
 Lab File: BM002411.D
 Acq: 15 Aug 2015 06:43

Instrument :
 BNA_M
 ClientSampleId :
 D9DB1

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	63243		
138	27.2	25.3	37.9	
277	26.1	20.2	30.2	

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#29
 Benzo(g,h,i)perylene
 Concen: 1.81 ng/ul
 RT: 28.55 min Scan# 4329
 Delta R.T. -0.01 min
 Lab File: BM002411.D
 Acq: 15 Aug 2015 06:43

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	60851		
138	27.9	21.0	31.6	
277	21.5	19.2	28.8	

