

Data Path : Z:\HPCHEM1\BNA M\DATA\BM122416\
 Data File : BM008666.D
 Acq On : 25 Dec 2016 11:57
 Operator : UM/SJ
 Sample : H6069-08DL 10X
 Misc :
 ALS Vial : 80 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA8X8DL

Manual Integrations
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Quant Time: Dec 26 04:35:06 2016
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 26 03:21:10 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	435	0.40	ng/ul	-0.08
2) Naphthalene-d8	10.49	136	1345m	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.31	164	772	0.40	ng/ul	-0.02
10) Phenanthrene-d10	17.07	188	1417m	0.40	ng/ul	-0.02
16) Chrysene-d12	21.28	240	1544	0.40	ng/ul	0.00
20) Perylene-d12	23.50	264	1763	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.13	152	46	0.02	ng/ul	0.01
14) Fluoranthene-d10	19.11	212	178m	0.05	ng/ul	0.00
Target Compounds						
3) Naphthalene	10.55	128	507	0.13	ng/ul#	35
5) 2-Methylnaphthalene	12.21	142	154	0.06	ng/ul	98
12) Phenanthrene	17.12	178	306m	0.07	ng/ul	
15) Fluoranthene	19.14	202	598m	0.11	ng/ul	
17) Pyrene	19.50	202	584	0.10	ng/ul#	69
18) Benzo(a)anthracene	21.26	228	425	0.08	ng/ul#	53
19) Chrysene	21.31	228	405	0.07	ng/ul#	57
21) Benzo(b)fluoranthene	22.84	252	933m	0.13	ng/ul	
22) Benzo(k)fluoranthene	22.88	252	331m	0.05	ng/ul	
23) Benzo(a)pyrene	23.40	252	577	0.09	ng/ul#	42
24) Indeno(1,2,3-cd)pyrene	25.78	276	586	0.08	ng/ul#	87
26) Benzo(g,h,i)perylene	26.46	276	568	0.09	ng/ul#	56

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

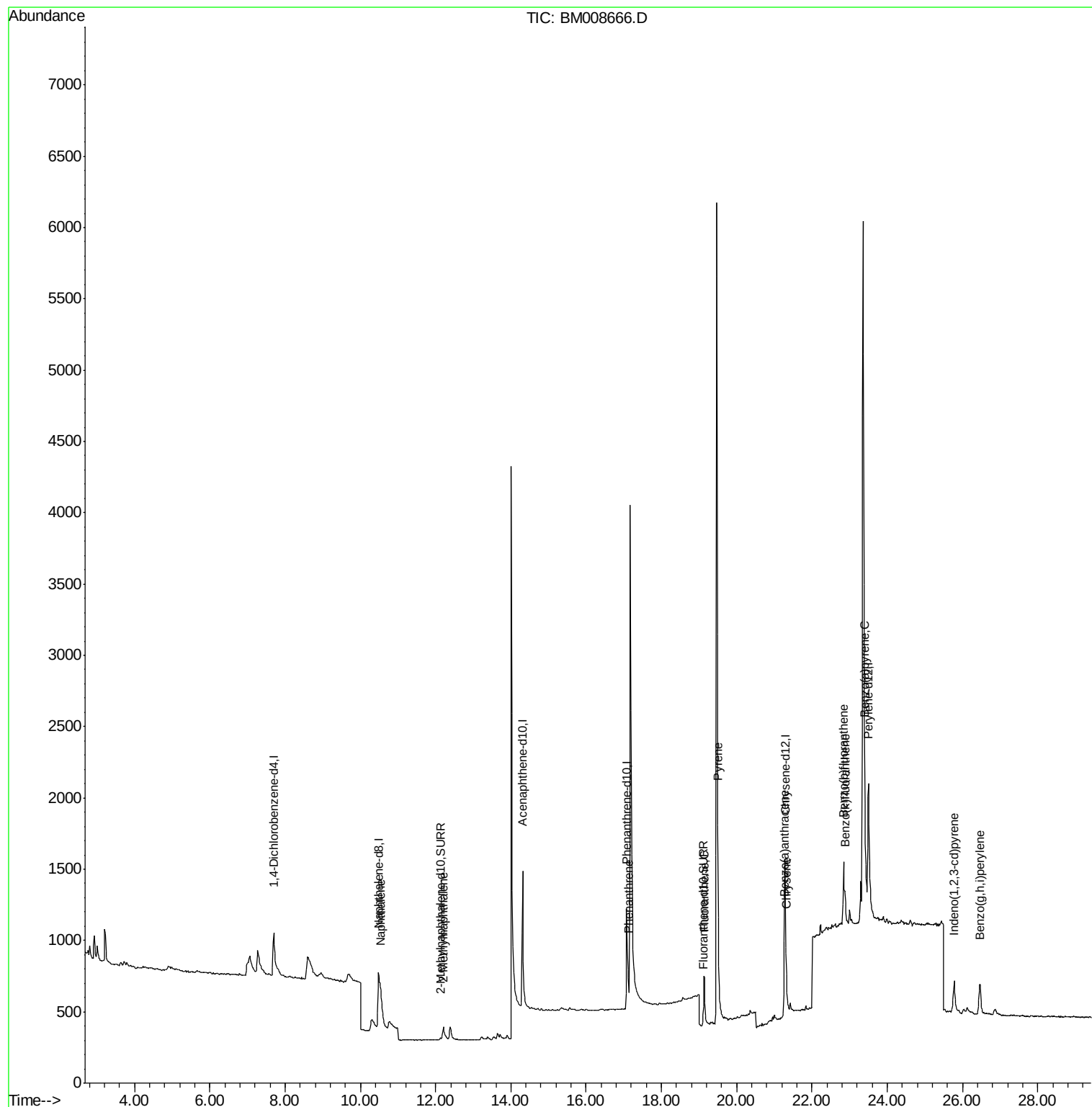
Data Path : Z:\HPCHEM1\BNA M\DATA\BM122416\
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ALS Vial : 80 Sample Multiplier: 1

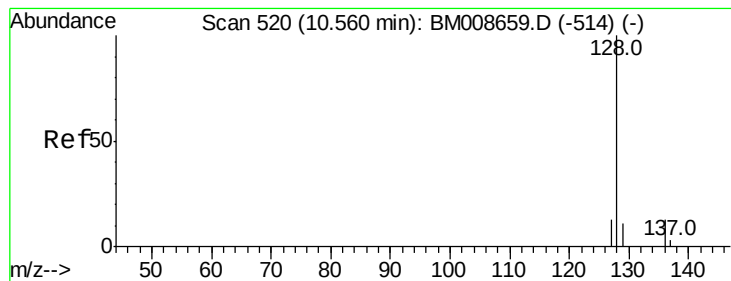
Instrument :
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#3

Naphthalene

Concen: 0.13 ng/ul

RT: 10.55 min Scan# 519

Delta R.T. -0.01 min

Lab File: BM008666.D

Acq: 25 Dec 2016 11:57

Instrument :

BNA_M

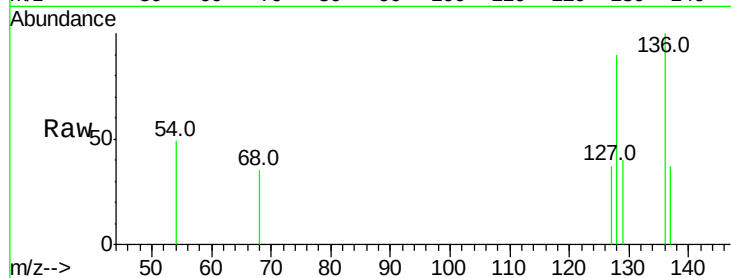
ClientSampleId :

DA8X8DL

Tot Ion:	128	Resp:	507
Ion Ratio	Lower	Upper	
128	100		
129	43.7	11.3	16.9#
127	40.4	12.8	19.2#

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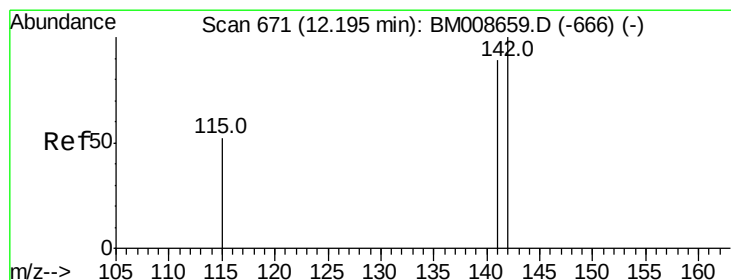
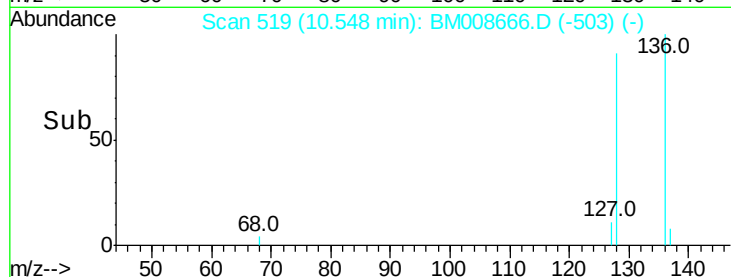
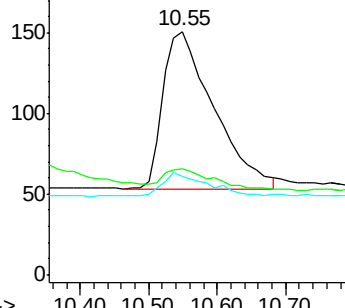
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#5

2-Methylnaphthalene

Concen: 0.06 ng/ul

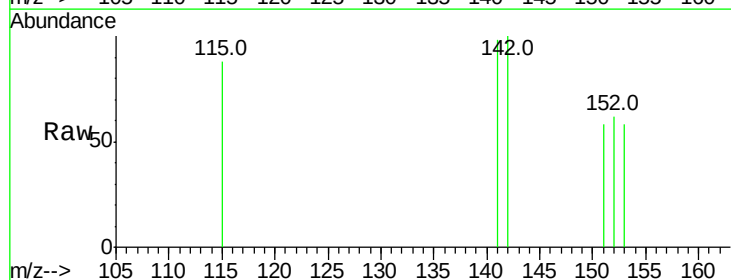
RT: 12.21 min Scan# 672

Delta R.T. 0.01 min

Lab File: BM008666.D

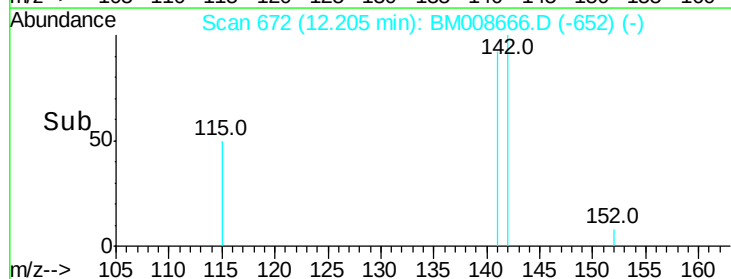
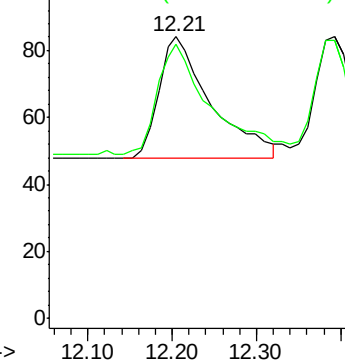
Acq: 25 Dec 2016 11:57

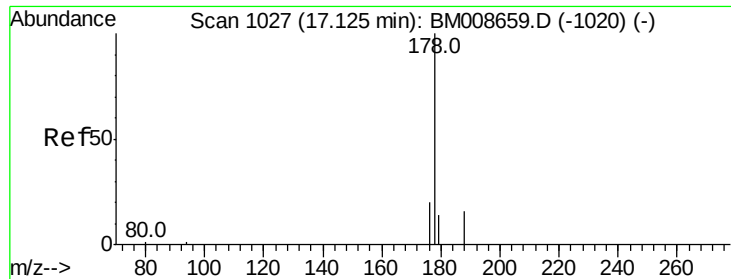
Tgt Ion:	142	Resp:	154
Ion Ratio	Lower	Upper	
142	100		
141	92.2	72.6	108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#12

Phenanthrene

Concen: 0.07 ng/ul m

RT: 17.12 min Scan# 1027

Delta R.T. -0.00 min

Lab File: BM008666.D

Acq: 25 Dec 2016 11:57

Instrument :

BNA_M

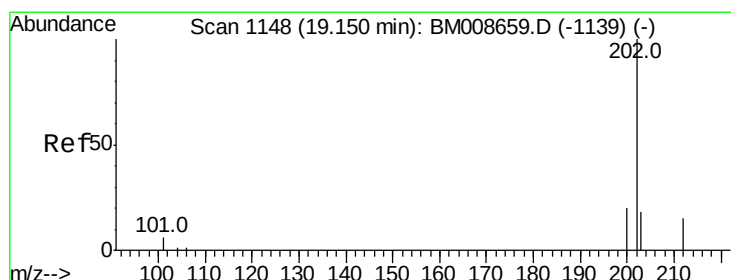
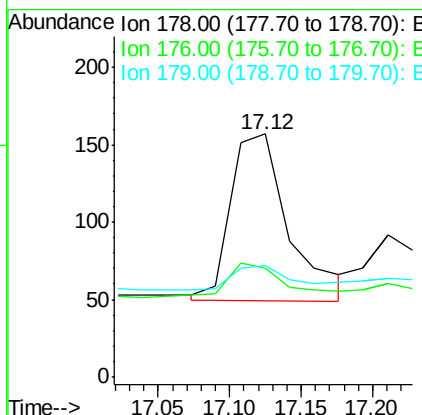
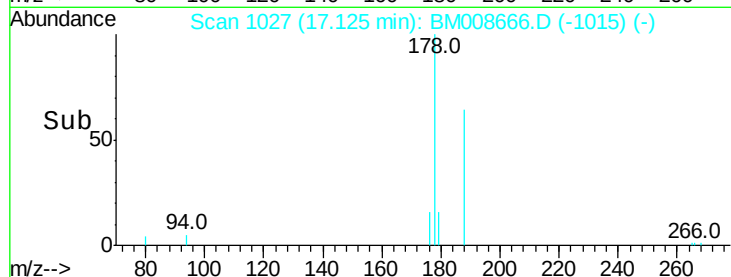
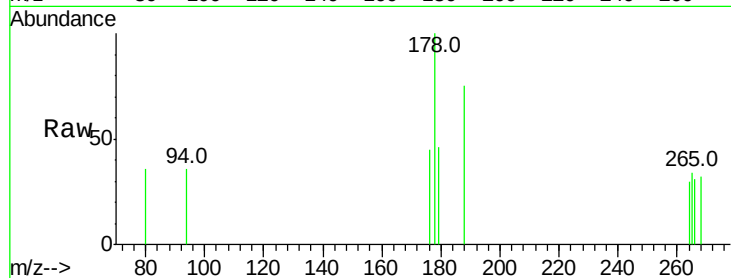
ClientSampleId :

DA8X8DL

Tot Ion:	178	Resp:	306
Ion Ratio	Lower	Upper	
178	100		
176	44.6	18.4	27.6#
179	45.9	13.6	20.4#

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#15

Fluoranthene

Concen: 0.11 ng/ul m

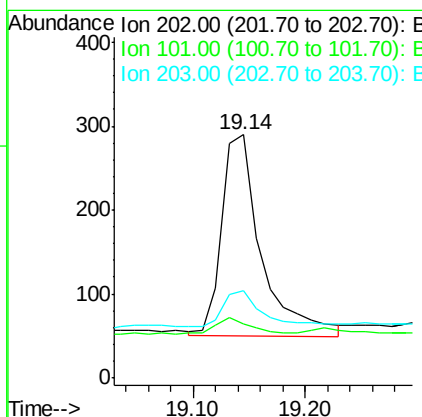
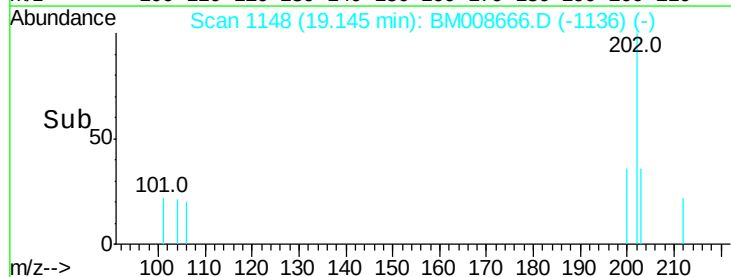
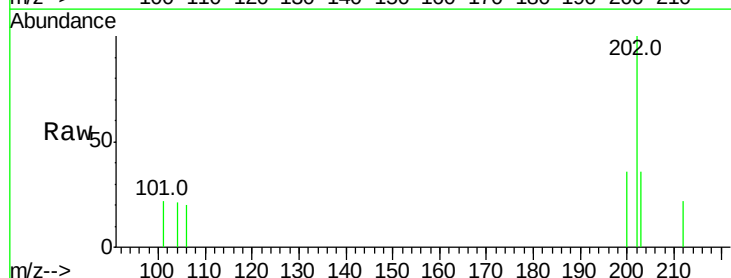
RT: 19.14 min Scan# 1148

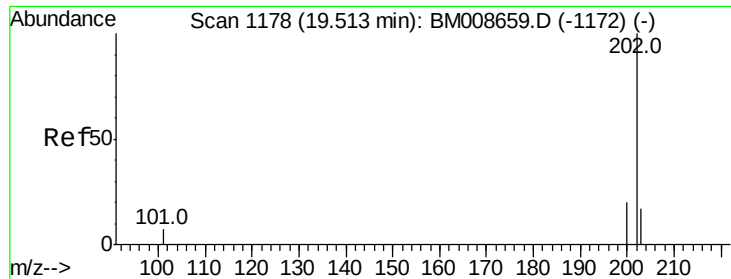
Delta R.T. -0.01 min

Lab File: BM008666.D

Acq: 25 Dec 2016 11:57

Tgt Ion:	202	Resp:	598
Ion Ratio	Lower	Upper	
202	100		
101	22.1	0.0	30.3
203	35.9	0.0	39.5





#17

Pvrene

Concen: 0.10 ng/ul

RT: 19.50 min Scan# 1177

Delta R.T. -0.02 min

Lab File: BM008666.D

Acq: 25 Dec 2016 11:57

Instrument :

BNA_M

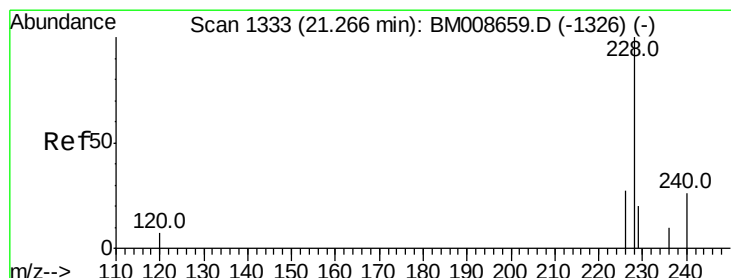
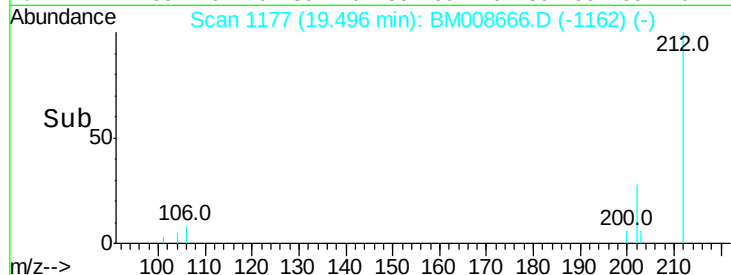
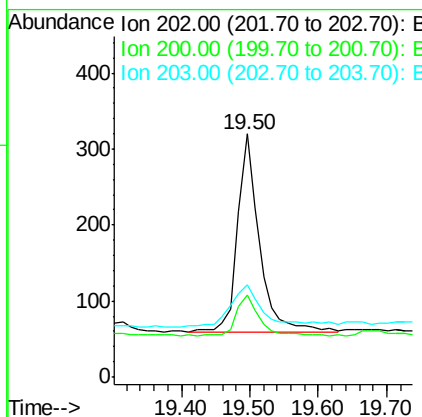
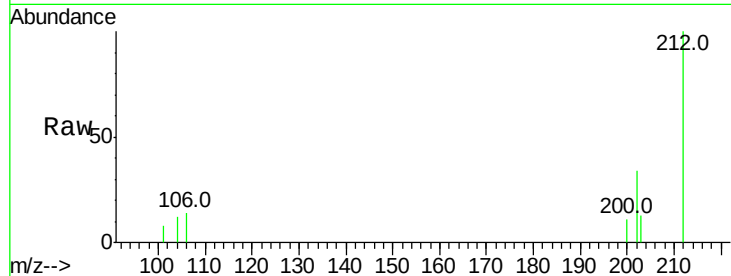
ClientSampleId :

DA8X8DL

Tot Ion:	202	Resp:	584
Ion Ratio	Lower	Upper	
202	100		
200	33.8	18.2	27.4#
203	38.1	15.6	23.4#

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#18

Benzo(a)anthracene

Concen: 0.08 ng/ul

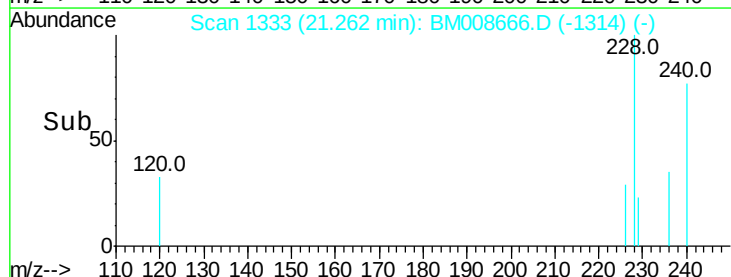
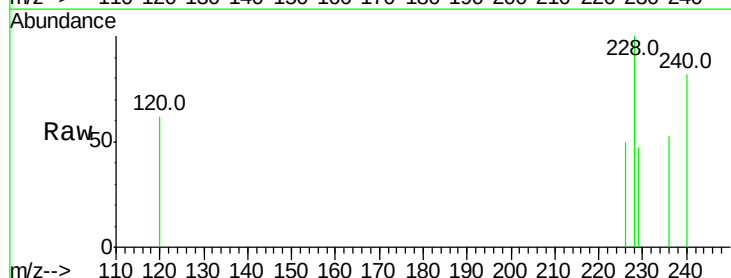
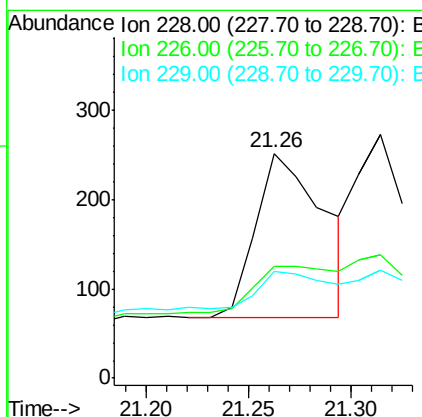
RT: 21.26 min Scan# 1333

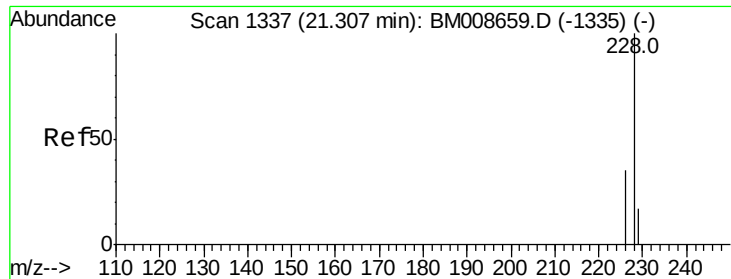
Delta R.T. -0.00 min

Lab File: BM008666.D

Acq: 25 Dec 2016 11:57

Tgt Ion:	228	Resp:	425
Ion Ratio	Lower	Upper	
228	100		
226	50.0	22.8	34.2#
229	47.2	17.0	25.6#





#19

Chrysene

Concen: 0.07 ng/ul

RT: 21.31 min Scan# 1338

Delta R.T. 0.01 min

Lab File: BM008666.D

Acq: 25 Dec 2016 11:57

Instrument :

BNA_M

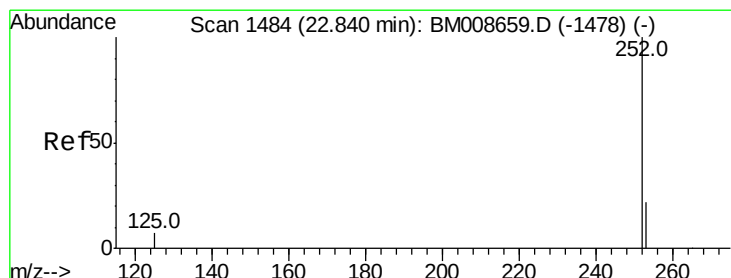
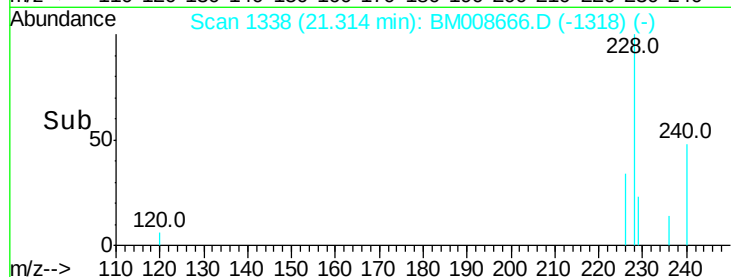
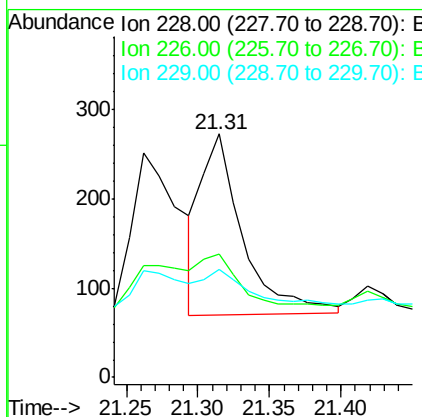
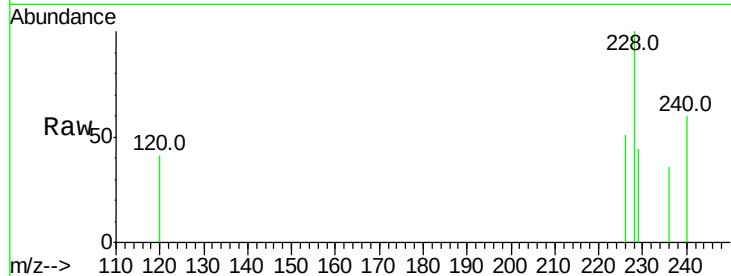
ClientSampleId :

DA8X8DL

Tot Ion:228	Resp:	405
Ion Ratio	Lower	Upper
228 100		
226 50.9	23.4	35.0#
229 44.3	17.7	26.5#

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#21

Benzo(b)fluoranthene

Concen: 0.13 ng/ul m

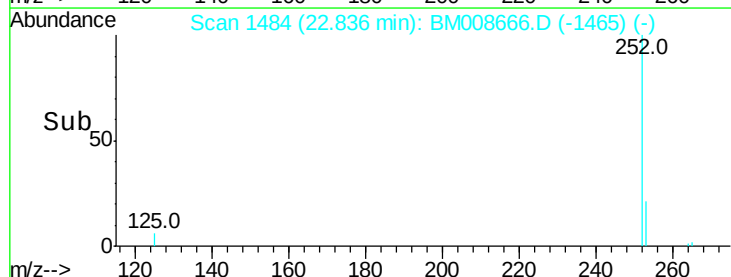
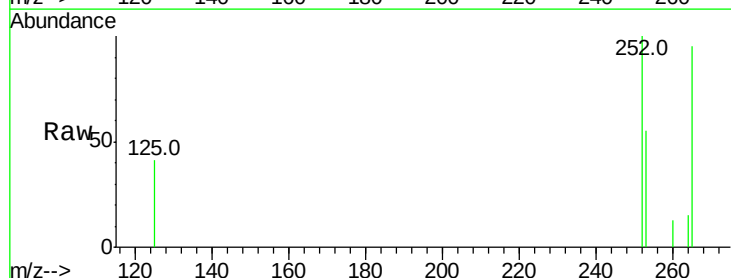
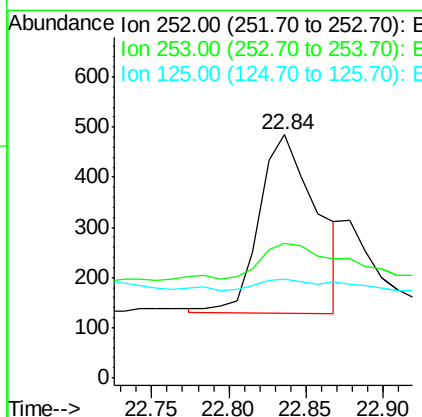
RT: 22.84 min Scan# 1484

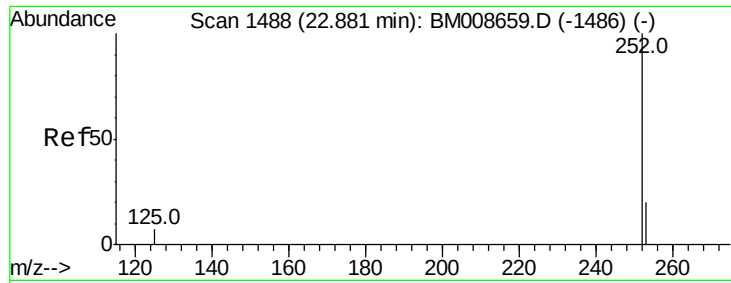
Delta R.T. -0.00 min

Lab File: BM008666.D

Acq: 25 Dec 2016 11:57

Tgt Ion:252	Resp:	933
Ion Ratio	Lower	Upper
252 100		
253 55.5	0.0	64.2
125 40.8	0.0	35.0#





#22

Benzo(k)fluoranthene

Concen: 0.05 ng/ul m

RT: 22.88 min Scan# 1488

Delta R.T. -0.00 min

Lab File: BM008666.D

Acq: 25 Dec 2016 11:57

Instrument :

BNA_M

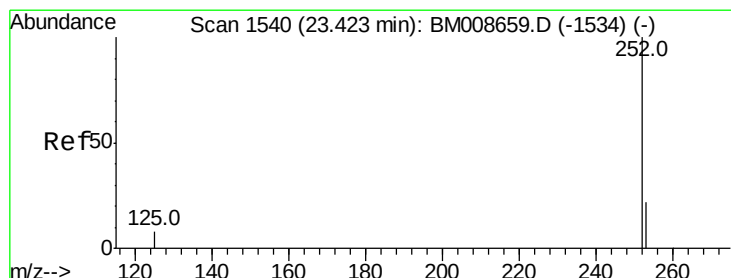
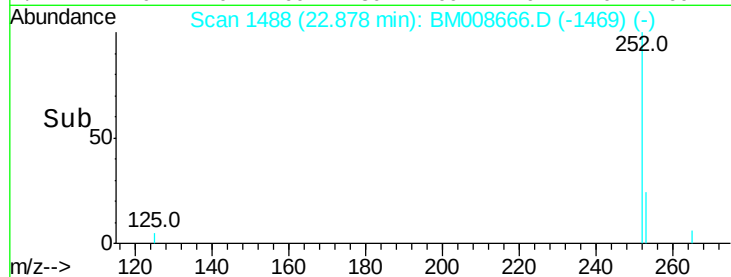
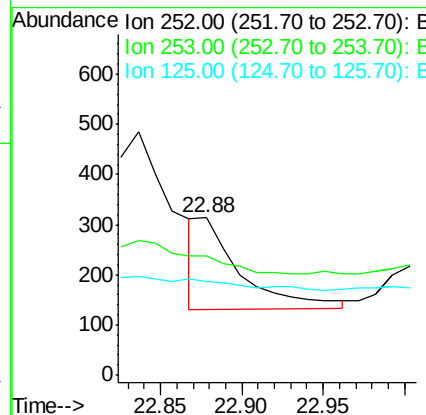
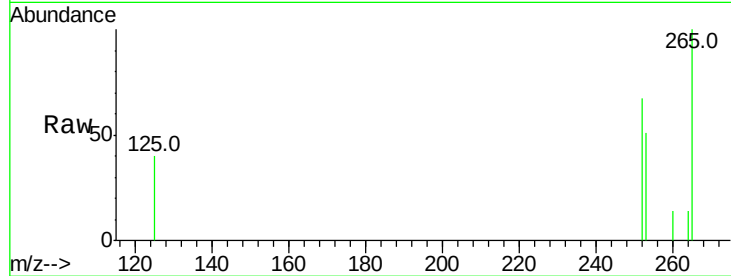
ClientSampleId :

DA8X8DL

Tot Ion:	252	Resp:	331
Ion Ratio	Lower	Upper	
252	100		
253	76.0	24.5	36.7#
125	59.4	13.7	20.5#

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#23

Benzo(a)pyrene

Concen: 0.09 ng/ul

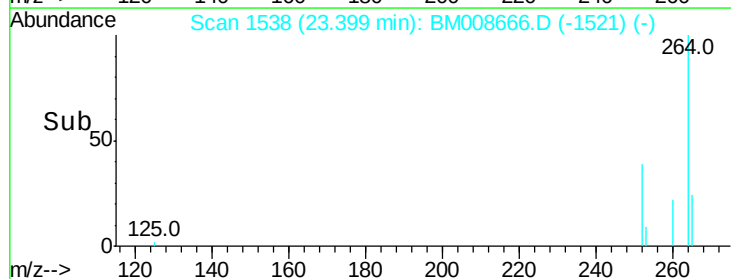
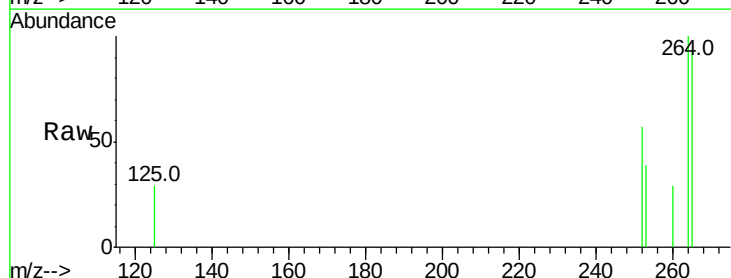
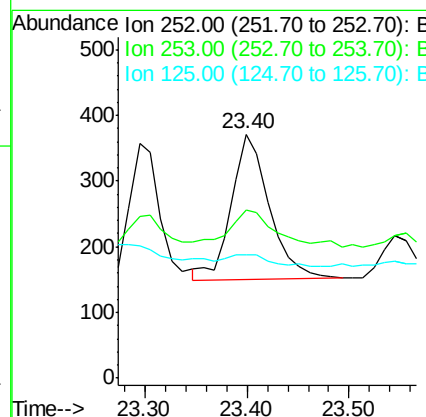
RT: 23.40 min Scan# 1538

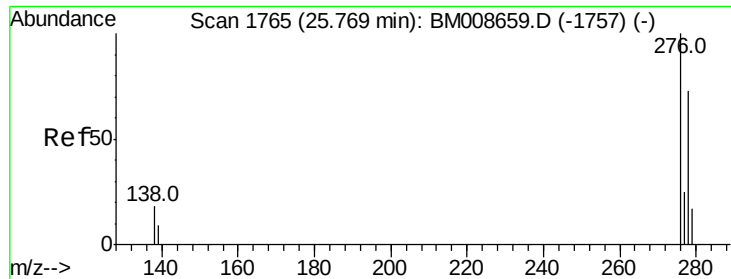
Delta R.T. -0.02 min

Lab File: BM008666.D

Acq: 25 Dec 2016 11:57

Tgt Ion:	252	Resp:	577
Ion Ratio	Lower	Upper	
252	100		
253	69.0	28.5	42.7#
125	50.7	18.1	27.1#





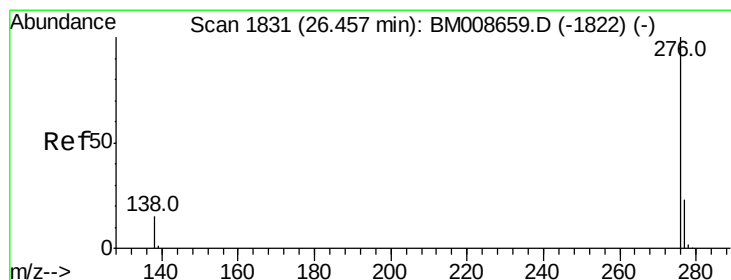
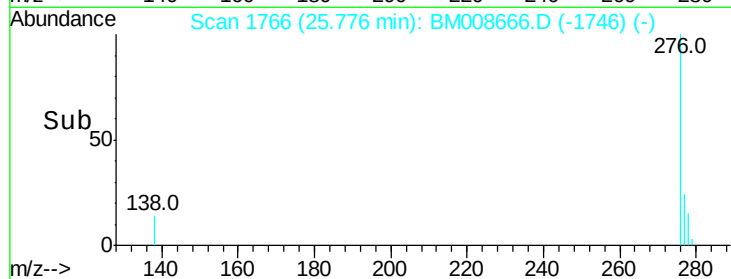
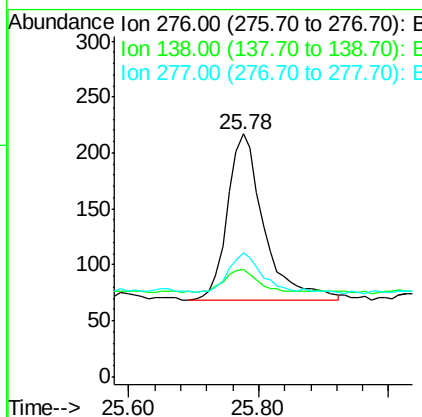
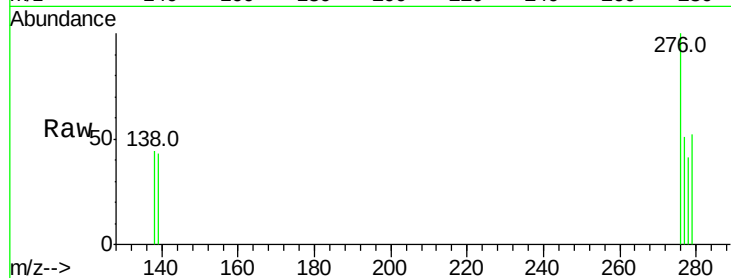
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.08 ng/ul
 RT: 25.78 min Scan# 1766
 Delta R.T. 0.01 min
 Lab File: BM008666.D
 Acq: 25 Dec 2016 11:57

Instrument :
 BNA_M
 ClientSampleID :
 DA8X8DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	13.3	19.1	28.7#
277	22.4	19.6	29.4

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#26
 Benzo(g,h,i)perylene
 Concen: 0.09 ng/ul
 RT: 26.46 min Scan# 1832
 Delta R.T. 0.01 min
 Lab File: BM008666.D
 Acq: 25 Dec 2016 11:57

Tgt Ion	Ratio	Lower	Upper
276	100		
277	52.9	21.8	32.8#
138	44.8	20.5	30.7#

