

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122916\
 Data File : BM008718.D
 Acq On : 29 Dec 2016 13:39
 Operator : UM/SJ
 Sample : H6067-14DL 5X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA7G5DL

Quant Time: Dec 30 00:57:48 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 30 00:54:22 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	260	0.40	ng/ul	-0.15
2) Naphthalene-d8	10.28	136	158	0.40	ng/ul	-0.27
6) Acenaphthene-d10	14.01	164	230	0.40	ng/ul	-0.33
10) Phenanthrene-d10	16.76	188	7	0.40	ng/ul	-0.34
16) Chrysene-d12	20.88	240	4	0.40	ng/ul	-0.41
20) Perylene-d12	23.04	264	4	0.40	ng/ul	-0.47

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	11.73	152	12	0.05	ng/ul	-0.43
14) Fluoranthene-d10	0.00	212	0	0.00	ng/ul	

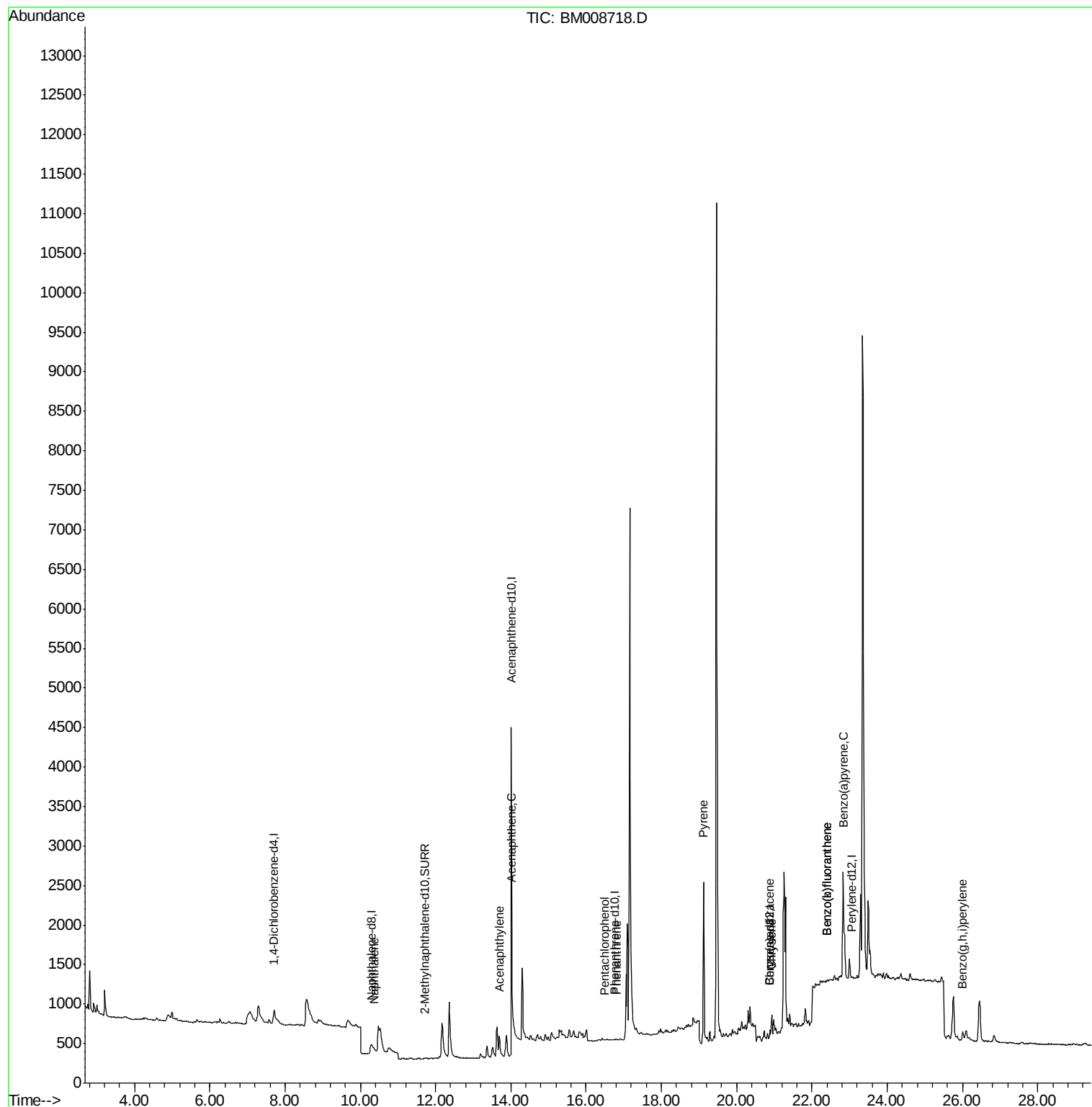
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	10.37	128	9	0.02	ng/ul#	1
7) Acenaphthylene	13.69	152	61	0.06	ng/ul#	1
8) Acenaphthene	14.02	153	84	0.11	ng/ul#	1
11) Pentachlorophenol	16.49	266	2	0.92	ng/ul#	36
12) Phenanthrene	16.82	178	7	0.33	ng/ul#	1
17) Pyrene	19.12	202	2771	179.22	ng/ul	95
18) Benzo(a)anthracene	20.88	228	35	2.66	ng/ul#	1
19) Chrysene	20.93	228	244	16.97	ng/ul#	9
21) Benzo(b)fluoranthene	22.40	252	51	3.24	ng/ul#	1
22) Benzo(k)fluoranthene	22.40	252	51	3.32	ng/ul#	1
23) Benzo(a)pyrene	22.83	252	2977	203.83	ng/ul	96
26) Benzo(g,h,i)perylene	25.99	276	48	3.22	ng/ul#	1

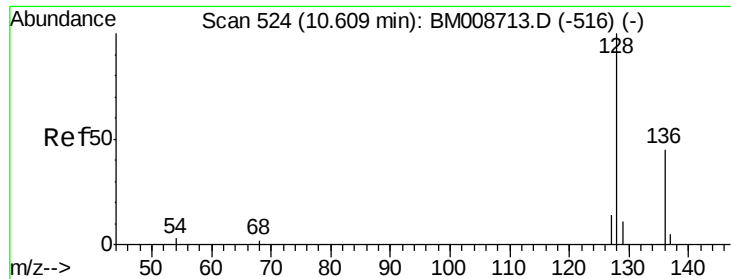
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.02 ng/ul

RT: 10.37 min Scan# 504

Delta R.T. -0.24 min

Lab File: BM008718.D

Acq: 29 Dec 2016 13:39

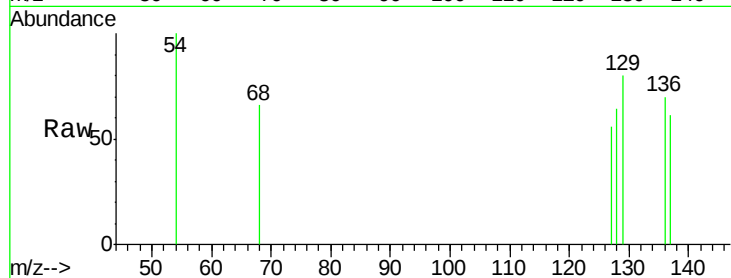
Instrument :

BNA_M

ClientSampleId :

DA7G5DL

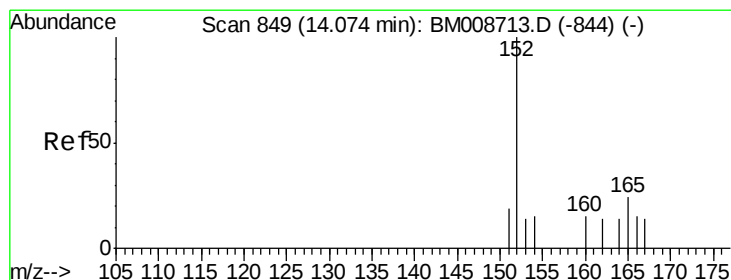
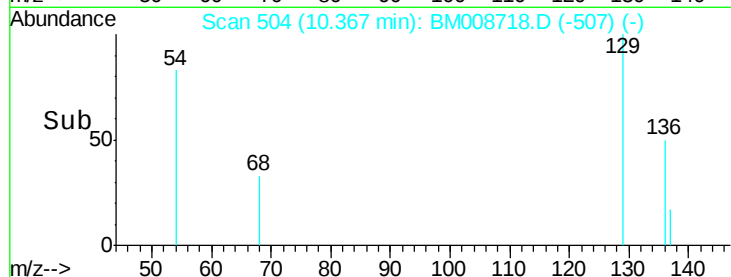
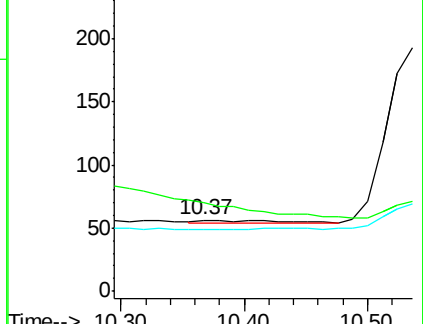
Tgt Ion:	128	Resp:	9
Ion	Ratio	Lower	Upper
128	100		
129	125.0	11.3	16.9#
127	87.5	12.8	19.2#



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



#7

Acenaphthylene

Concen: 0.06 ng/ul

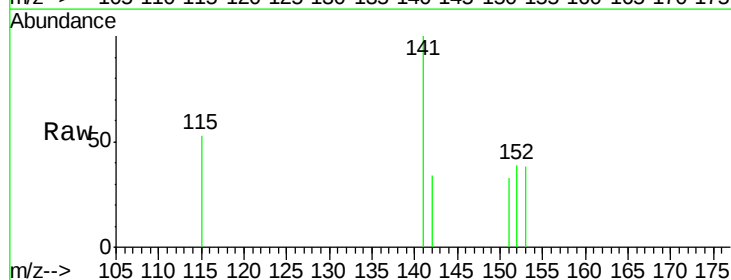
RT: 13.69 min Scan# 815

Delta R.T. -0.38 min

Lab File: BM008718.D

Acq: 29 Dec 2016 13:39

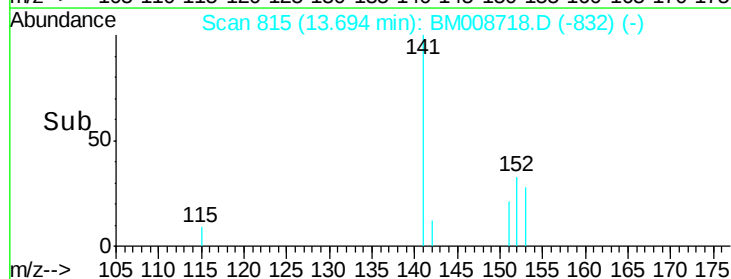
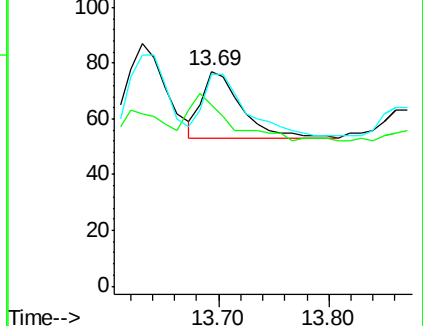
Tgt Ion:	152	Resp:	61
Ion	Ratio	Lower	Upper
152	100		
151	84.4	17.1	25.7#
153	98.7	12.8	19.2#

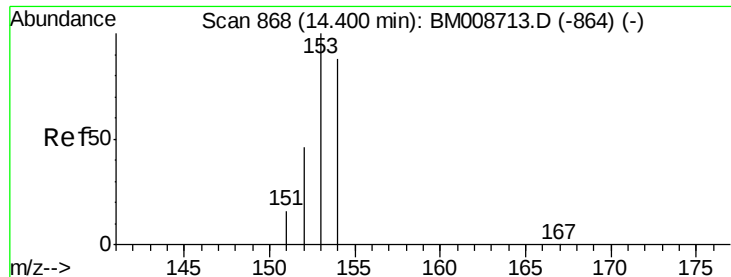


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#8

Acenaphthene

Concen: 0.11 ng/ul

RT: 14.02 min Scan# 846

Delta R.T. -0.38 min

Lab File: BM008718.D

Acq: 29 Dec 2016 13:39

Instrument :

BNA_M

ClientSampleId :

DA7G5DL

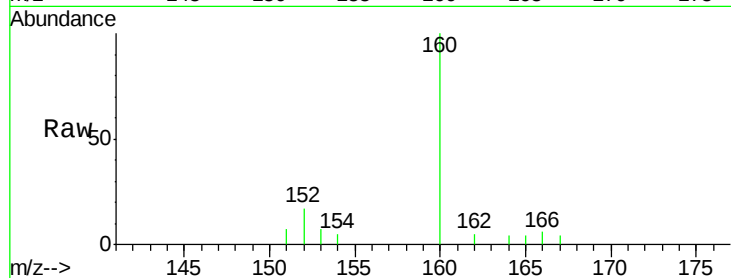
Tgt Ion:153 Resp: 84

Ion Ratio Lower Upper

153 100

152 252.4 40.3 60.5#

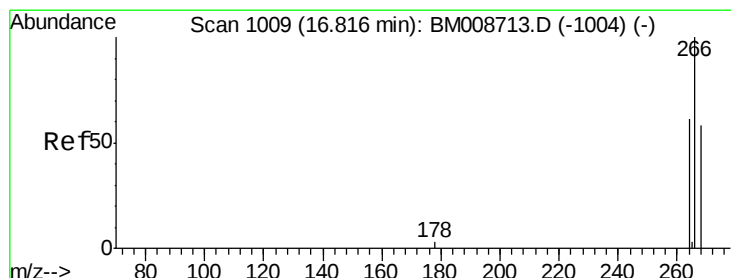
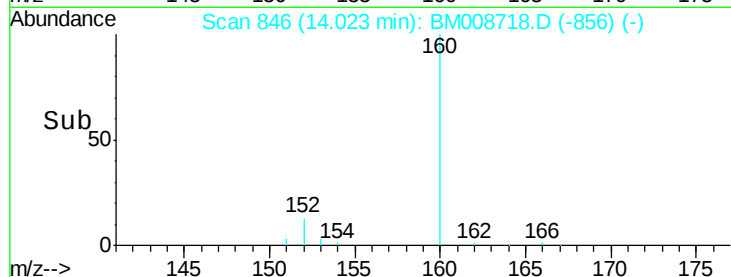
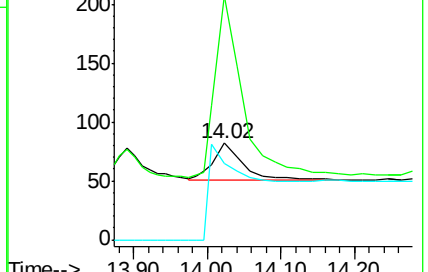
154 79.3 71.4 107.2



Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



#11

Pentachlorophenol

Concen: 0.92 ng/ul

RT: 16.49 min Scan# 990

Delta R.T. -0.33 min

Lab File: BM008718.D

Acq: 29 Dec 2016 13:39

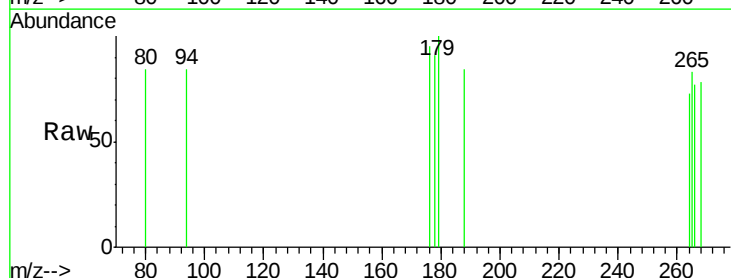
Tgt Ion:266 Resp: 2

Ion Ratio Lower Upper

266 100

264 0.0 47.9 71.9#

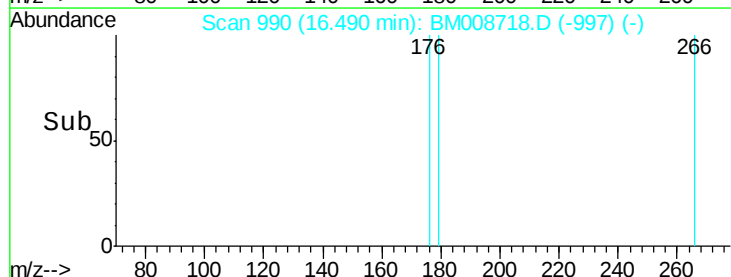
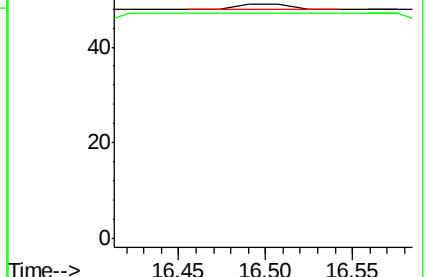
268 100.0 49.8 74.8#

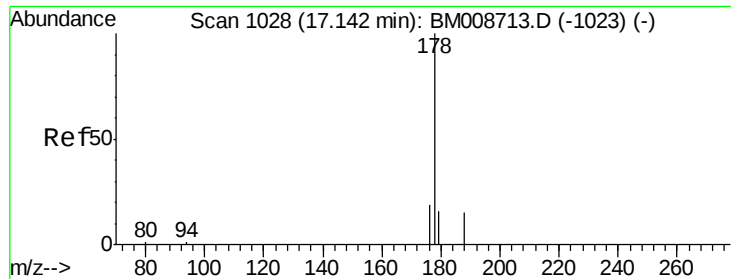


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#12

Phenanthrene

Concen: 0.33 ng/ul

RT: 16.82 min Scan# 1009

Delta R.T. -0.33 min

Lab File: BM008718.D

Acq: 29 Dec 2016 13:39

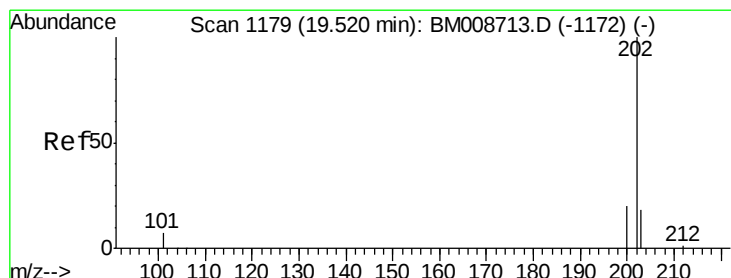
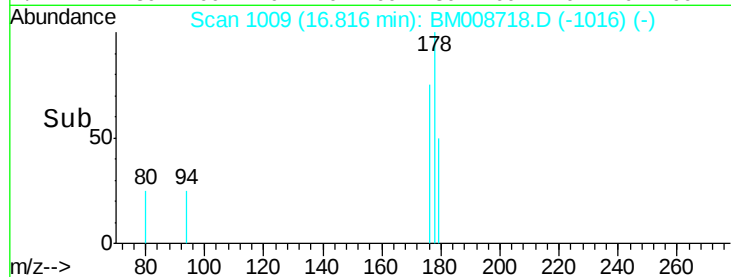
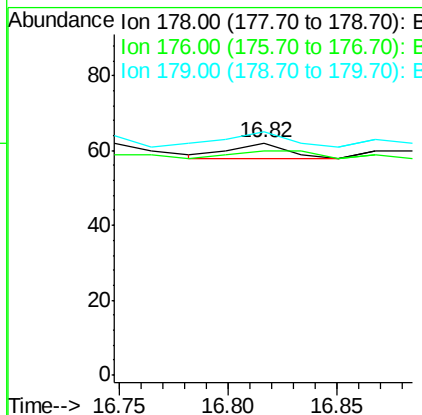
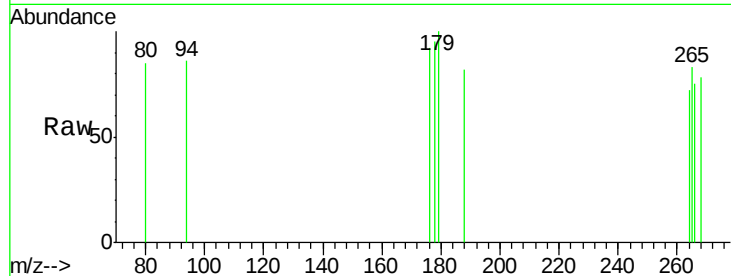
Instrument :

BNA_M

ClientSampleId :

DA7G5DL

Tgt Ion:	178	Resp:	7
Ion	Ratio	Lower	Upper
178	100		
176	96.8	18.4	27.6#
179	104.8	13.6	20.4#



#17

Pyrene

Concen: 179.22 ng/ul

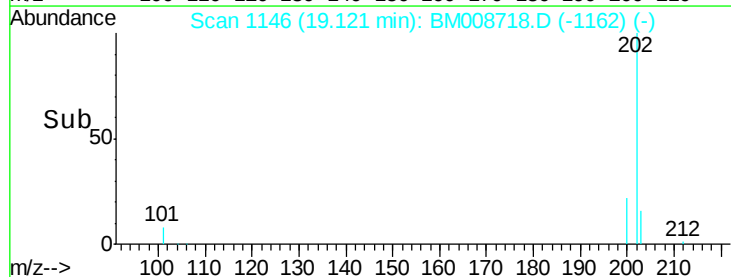
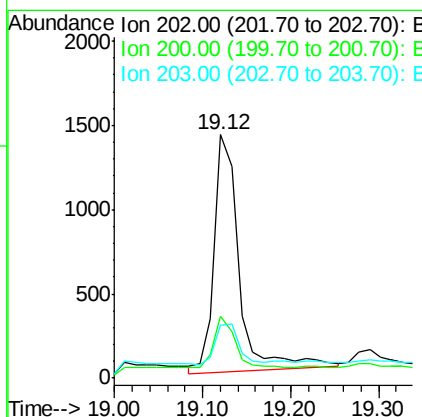
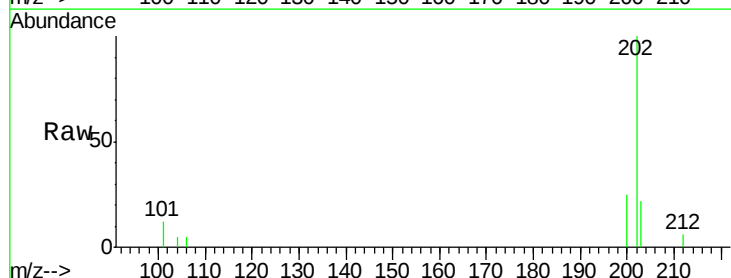
RT: 19.12 min Scan# 1146

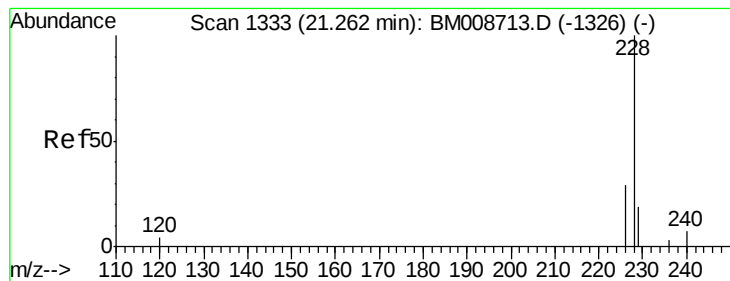
Delta R.T. -0.40 min

Lab File: BM008718.D

Acq: 29 Dec 2016 13:39

Tgt Ion:	202	Resp:	2771
Ion	Ratio	Lower	Upper
202	100		
200	25.3	18.2	27.4
203	21.7	15.6	23.4





#18

Benzo(a)anthracene

Concen: 2.66 ng/ul

RT: 20.88 min Scan# 1296

Delta R.T. -0.39 min

Lab File: BM008718.D

Acq: 29 Dec 2016 13:39

Instrument :

BNA_M

ClientSampleId :

DA7G5DL

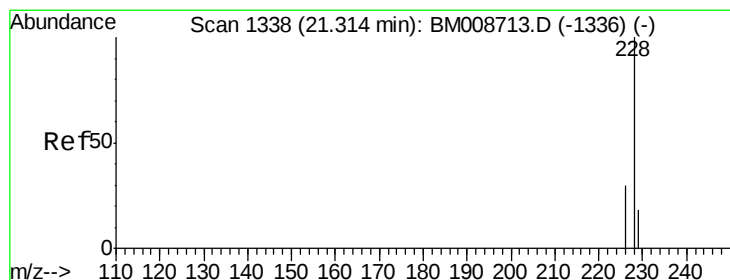
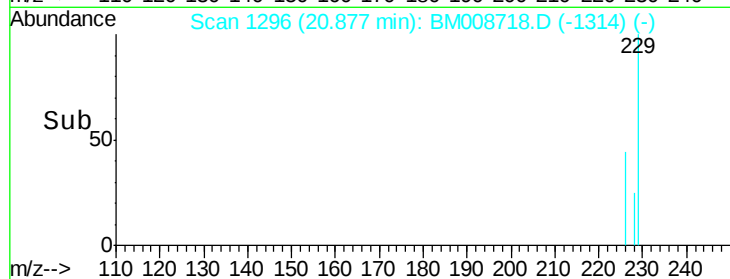
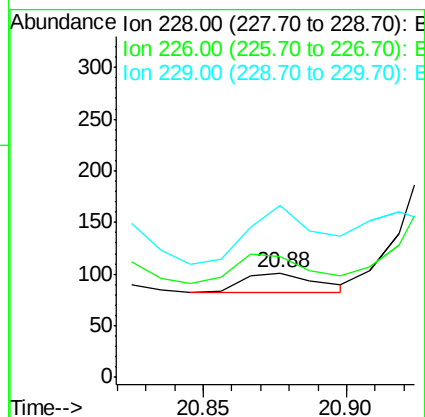
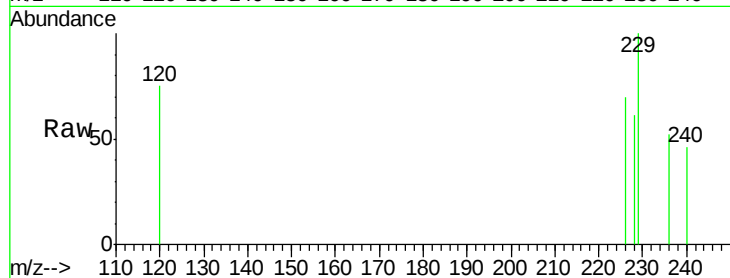
Tgt Ion:228 Resp: 35

Ion Ratio Lower Upper

228 100

226 115.8 22.8 34.2#

229 164.4 17.0 25.6#



#19

Chrysene

Concen: 16.97 ng/ul

RT: 20.93 min Scan# 1301

Delta R.T. -0.39 min

Lab File: BM008718.D

Acq: 29 Dec 2016 13:39

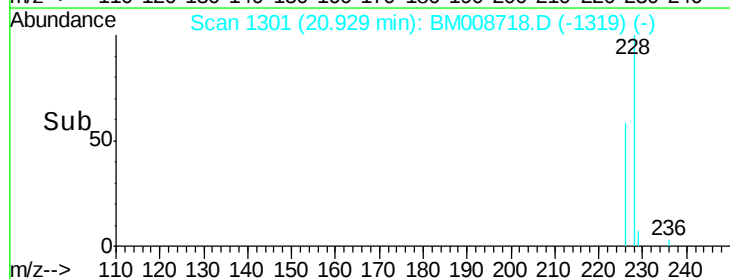
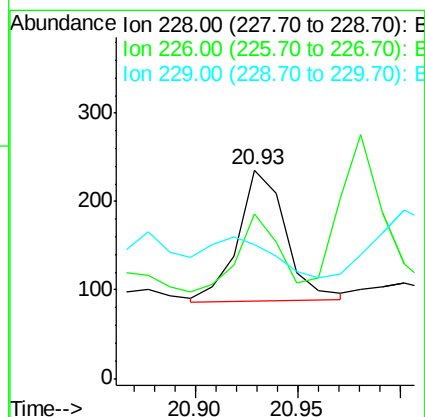
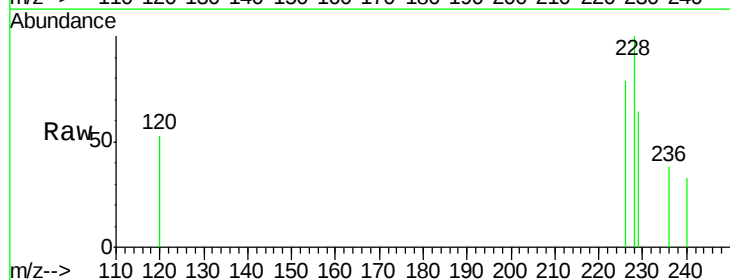
Tgt Ion:228 Resp: 244

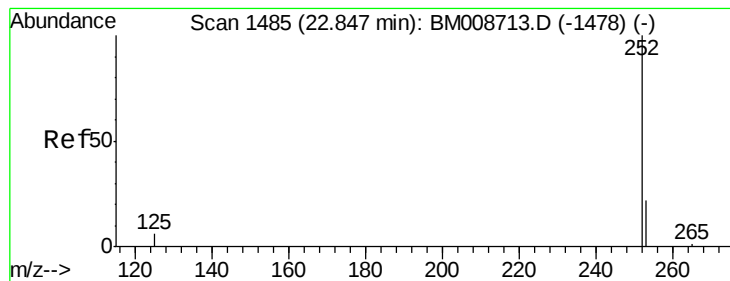
Ion Ratio Lower Upper

228 100

226 78.8 23.4 35.0#

229 64.4 17.7 26.5#





#21

Benzo(b)fluoranthene

Concen: 3.24 ng/ul

RT: 22.40 min Scan# 1442

Delta R.T. -0.45 min

Lab File: BM008718.D

Acq: 29 Dec 2016 13:39

Instrument :

BNA_M

ClientSampleId :

DA7G5DL

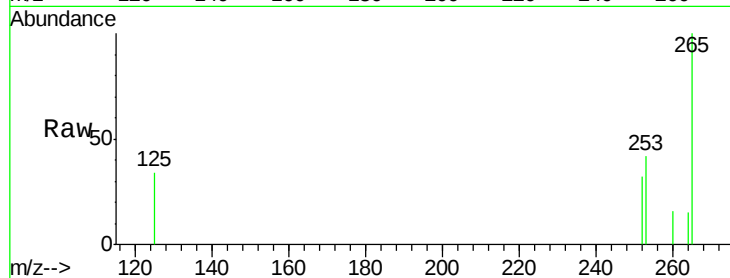
Tgt Ion:252 Resp: 51

Ion Ratio Lower Upper

252 100

253 134.3 0.0 64.2#

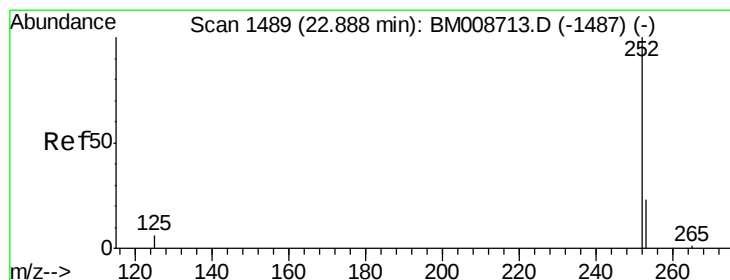
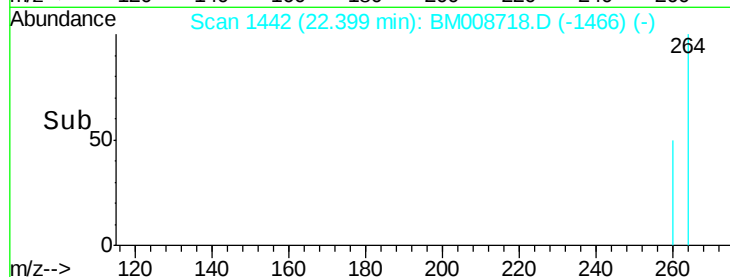
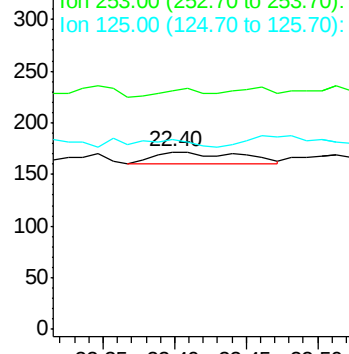
125 107.0 0.0 35.0#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#22

Benzo(k)fluoranthene

Concen: 3.32 ng/ul

RT: 22.40 min Scan# 1442

Delta R.T. -0.49 min

Lab File: BM008718.D

Acq: 29 Dec 2016 13:39

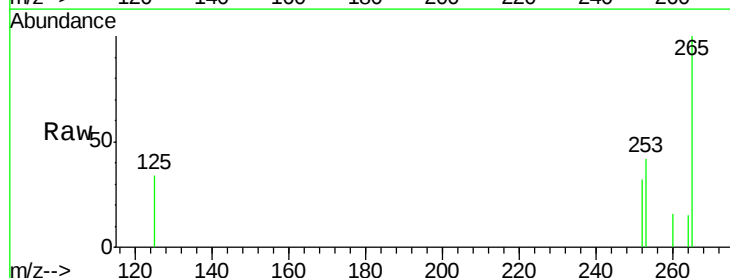
Tgt Ion:252 Resp: 51

Ion Ratio Lower Upper

252 100

253 134.3 24.5 36.7#

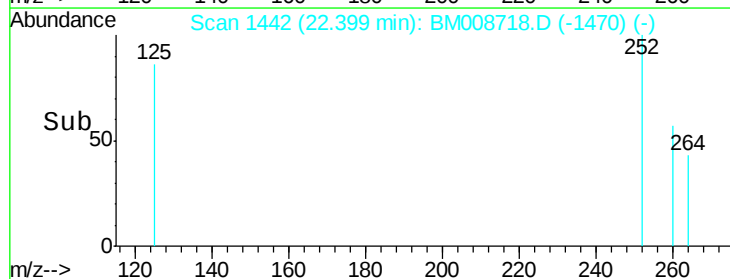
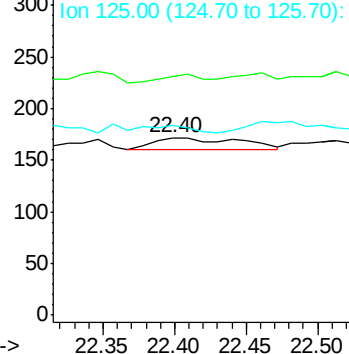
125 107.0 13.7 20.5#

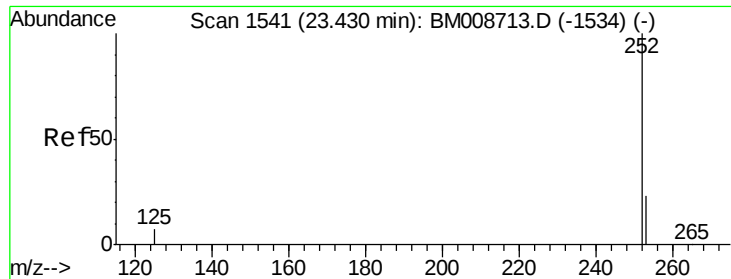


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 203.83 ng/ul

RT: 22.83 min Scan# 1483

Delta R.T. -0.60 min

Lab File: BM008718.D

Acq: 29 Dec 2016 13:39

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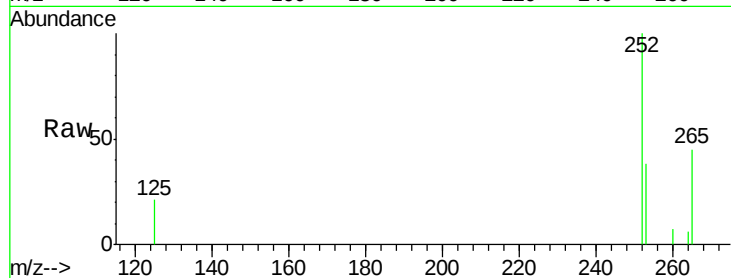
Tgt Ion:252 Resp: 2977

Ion Ratio Lower Upper

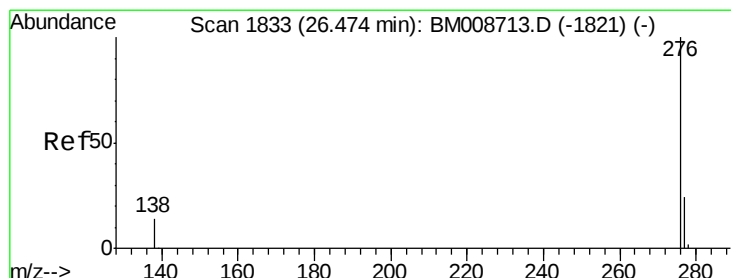
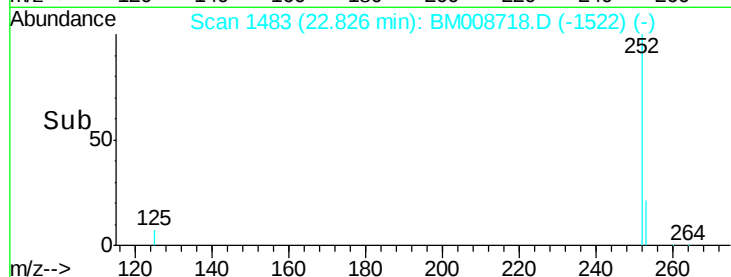
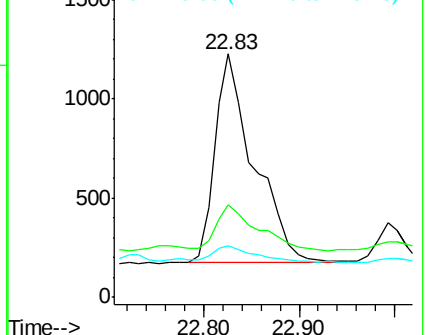
252 100

253 37.9 28.5 42.7

125 21.0 18.1 27.1



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#26

Benzo(g,h,i)perylene

Concen: 3.22 ng/ul

RT: 25.99 min Scan# 1787

Delta R.T. -0.48 min

Lab File: BM008718.D

Acq: 29 Dec 2016 13:39

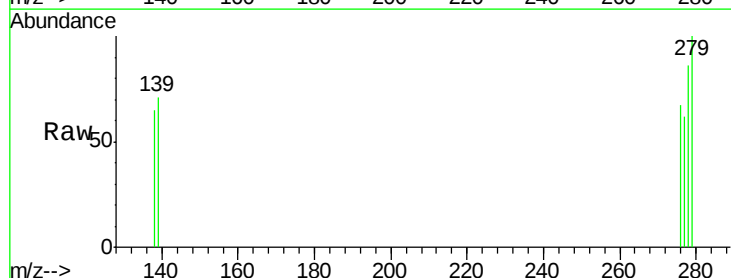
Tgt Ion:276 Resp: 48

Ion Ratio Lower Upper

276 100

277 92.5 21.8 32.8#

138 96.8 20.5 30.7#



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

