

Data Path : Z:\HPCHEM1\BNA_M\Data\BM111516\
 Data File : BM007883.D
 Acq On : 15 Nov 2016 09:25
 Operator : UM/SJ
 Sample : SSTDC00.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD0.461

Quant Time: Nov 16 01:16:04 2016
 Quant Method : Z:\HPCHEM1\BNA_M\Methods\SOM-EPA-SIM-BM102516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 04 23:14:40 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	867	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.52	136	2896	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.37	164	1524	0.40	ng/ul	-0.02
10) Phenanthrene-d10	17.12	188	2992	0.40	ng/ul	0.00
16) Chrysene-d12	21.31	240	2966	0.40	ng/ul	-0.01
20) Perylene-d12	23.57	264	2872	0.40	ng/ul	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.12	152	1468	0.43	ng/ul	-0.01
14) Fluoranthene-d10	19.16	212	3160	0.47	ng/ul	-0.01

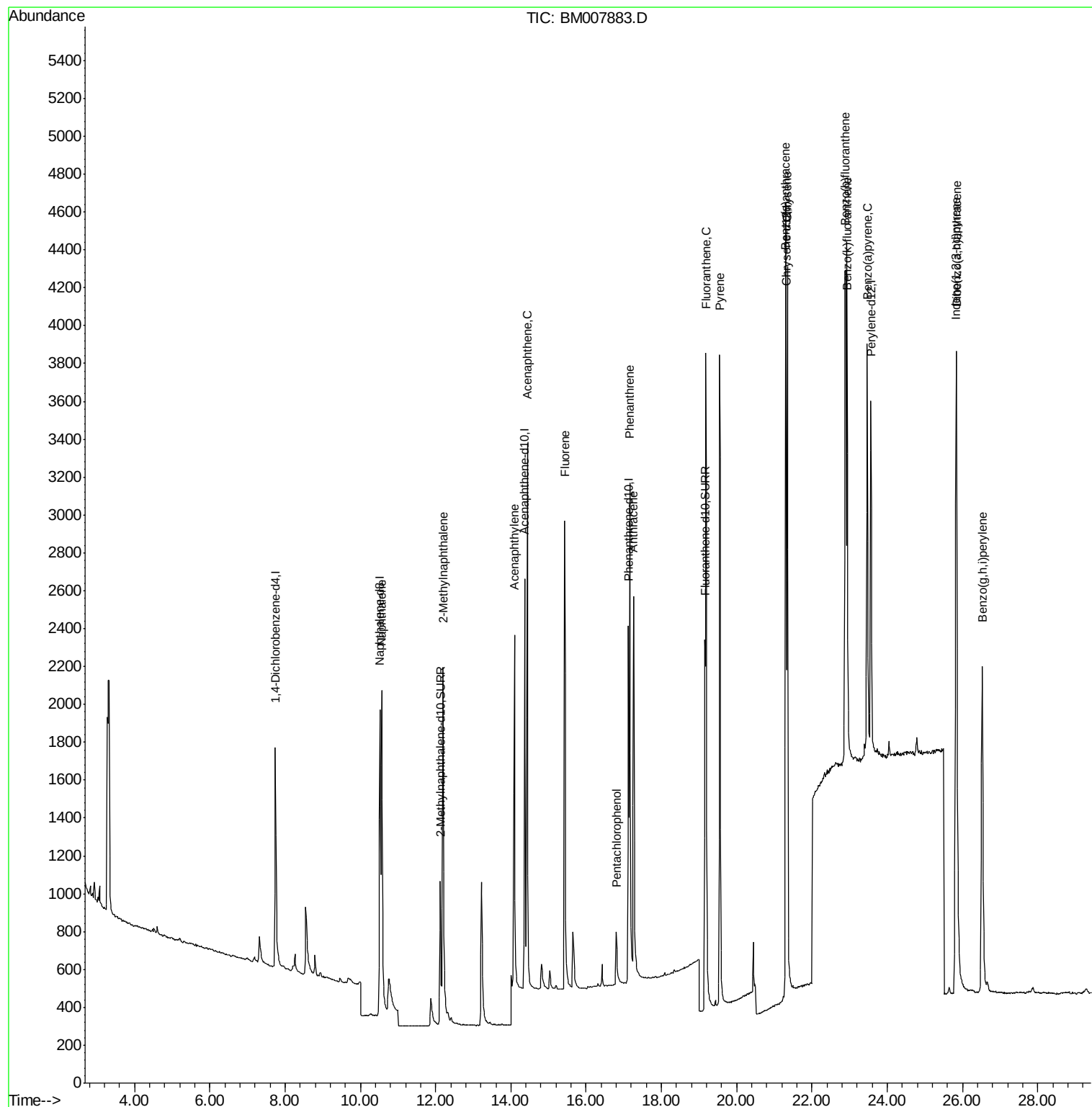
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	10.57	128	3118	0.42	ng/ul	99
5) 2-Methylnaphthalene	12.19	142	1947	0.41	ng/ul	97
7) Acenaphthylene	14.09	152	2852	0.40	ng/ul	99
8) Acenaphthene	14.43	153	2051	0.38	ng/ul	97
9) Fluorene	15.43	166	2297	0.38	ng/ul	85
11) Pentachlorophenol	16.80	266	342	0.49	ng/ul	94
12) Phenanthrene	17.16	178	3402	0.41	ng/ul	98
13) Anthracene	17.26	178	3242	0.42	ng/ul	97
15) Fluoranthene	19.18	202	4306	0.43	ng/ul	96
17) Pyrene	19.54	202	4244	0.42	ng/ul	96
18) Benzo(a)anthracene	21.29	228	3825	0.45	ng/ul	97
19) Chrysene	21.35	228	3911	0.41	ng/ul	96
21) Benzo(b)fluoranthene	22.88	252	4317	0.44	ng/ul	98
22) Benzo(k)fluoranthene	22.93	252	3915	0.38	ng/ul	98
23) Benzo(a)pyrene	23.46	252	4007	0.44	ng/ul	97
24) Indeno(1,2,3-cd)pyrene	25.83	276	4822	0.43	ng/ul	98
25) Dibenzo(a,h)anthracene	25.84	278	3904	0.44	ng/ul	99
26) Benzo(g,h,i)perylene	26.53	276	4204	0.42	ng/ul	97

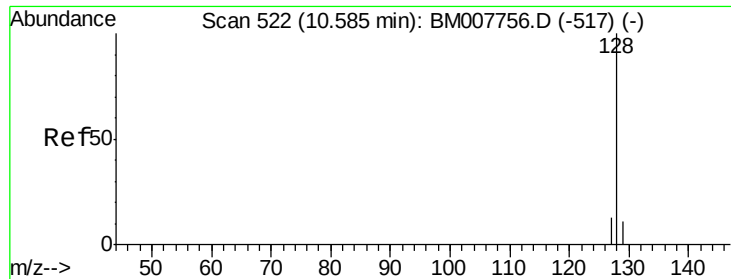
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_M\Data\BM111516\
Data File : BM007883.D
Acq On : 15 Nov 2016 09:25
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Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
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SSTD0.461

Quant Time: Nov 16 01:16:04 2016
Quant Method : Z:\HPCHEM1\BNA_M\Methods\SOM-EPA-SIM-BM102516.M
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QLast Update : Fri Nov 04 23:14:40 2016
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.42 ng/ul

RT: 10.57 min Scan# 521

Delta R.T. -0.01 min

Lab File: BM007883.D

Acq: 15 Nov 2016 09:25

Instrument :

BNA_M

ClientSampleId :

SSTD0.461

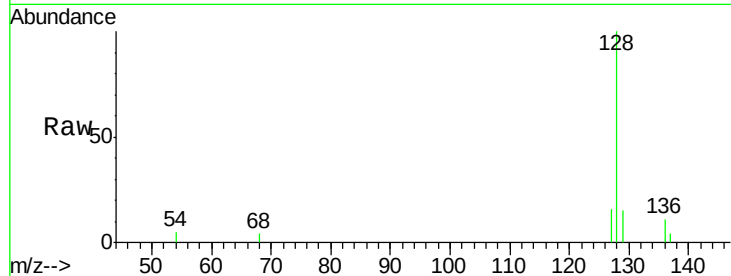
Tgt Ion:128 Resp: 3118

Ion Ratio Lower Upper

128 100

129 14.6 11.3 16.9

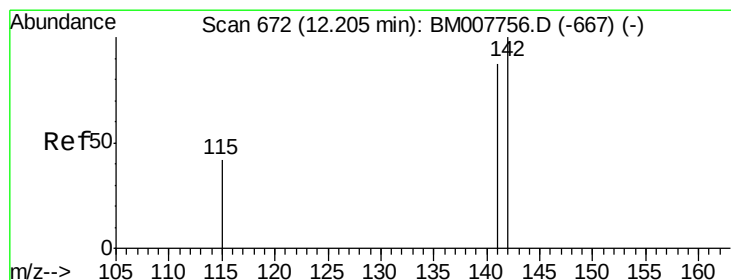
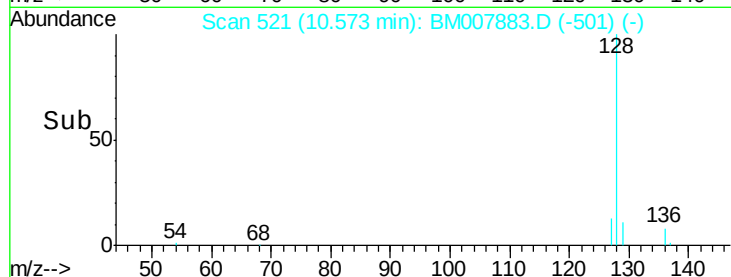
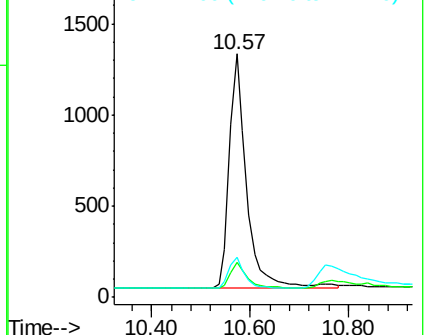
127 16.3 12.8 19.2



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



#5

2-Methylnaphthalene

Concen: 0.41 ng/ul

RT: 12.19 min Scan# 671

Delta R.T. -0.01 min

Lab File: BM007883.D

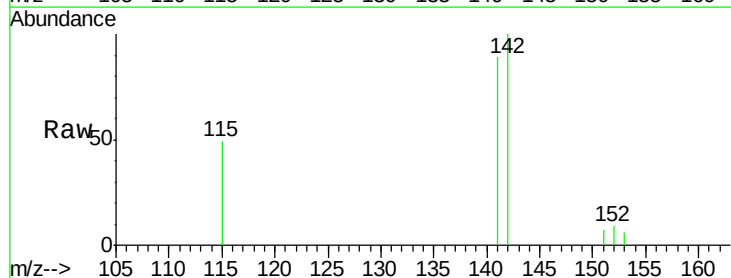
Acq: 15 Nov 2016 09:25

Tgt Ion:142 Resp: 1947

Ion Ratio Lower Upper

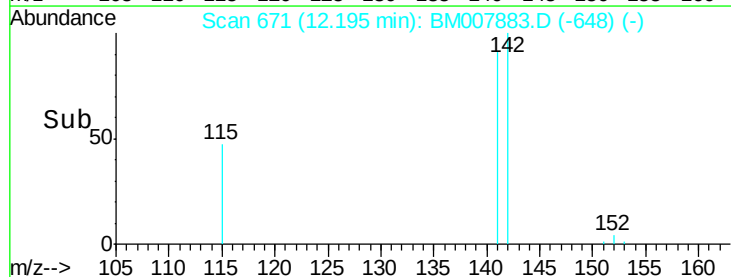
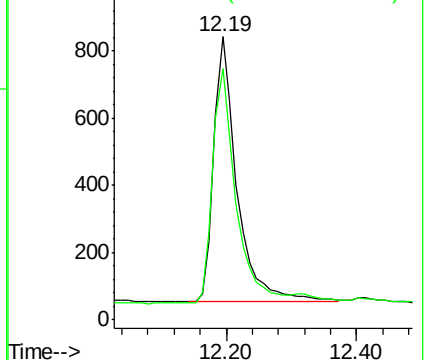
142 100

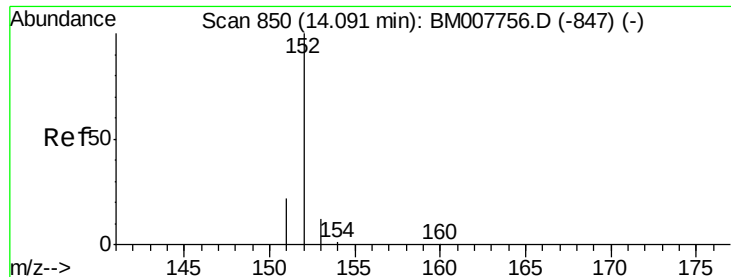
141 93.2 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.40 ng/ul

RT: 14.09 min Scan# 850

Delta R.T. -0.00 min

Lab File: BM007883.D

Acq: 15 Nov 2016 09:25

Instrument :

BNA_M

ClientSampleId :

SSTD0.461

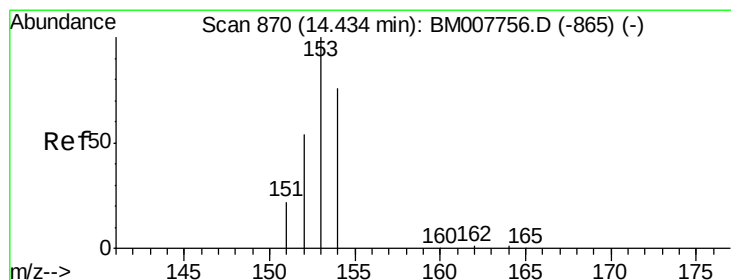
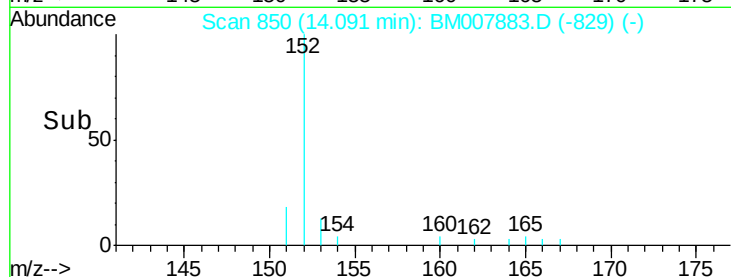
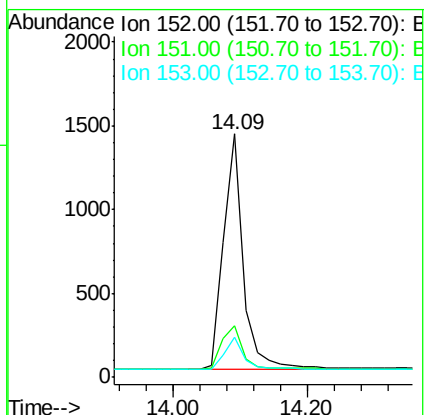
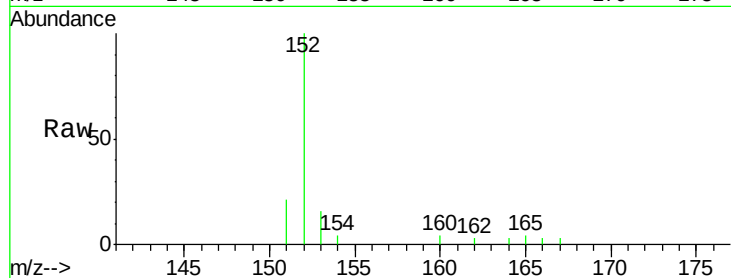
Tgt Ion:152 Resp: 2852

Ion Ratio Lower Upper

152 100

151 21.3 17.1 25.7

153 16.4 12.8 19.2



#8

Acenaphthene

Concen: 0.38 ng/ul

RT: 14.43 min Scan# 870

Delta R.T. -0.00 min

Lab File: BM007883.D

Acq: 15 Nov 2016 09:25

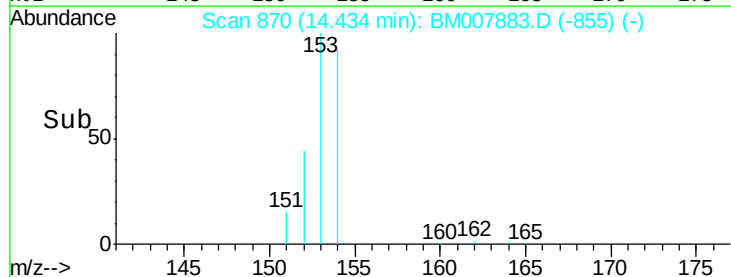
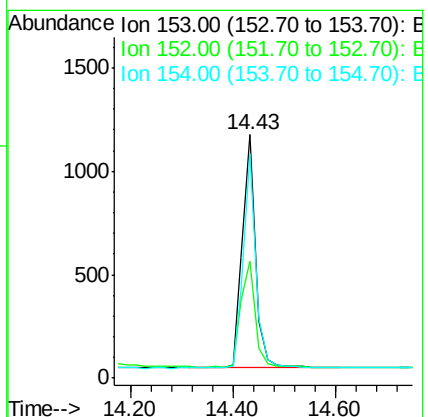
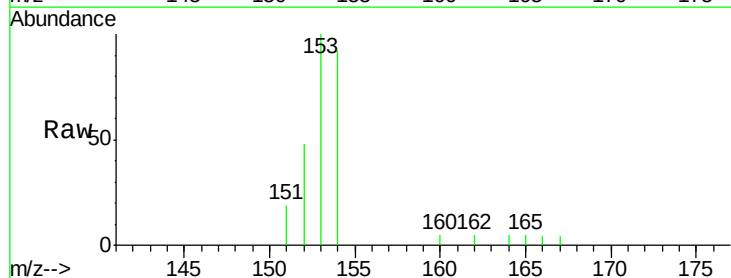
Tgt Ion:153 Resp: 2051

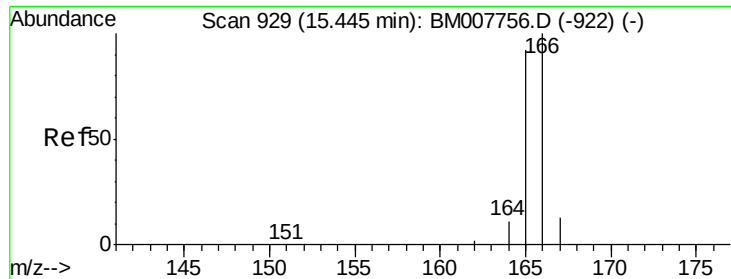
Ion Ratio Lower Upper

153 100

152 48.1 40.3 60.5

154 92.1 71.4 107.2

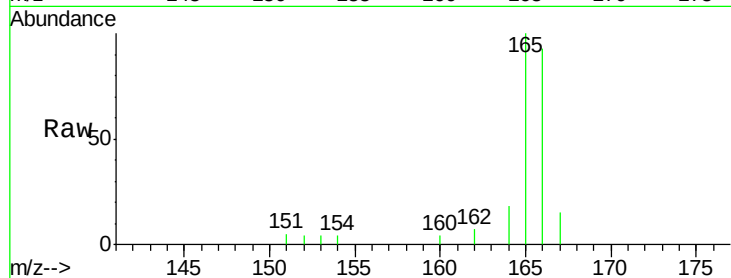




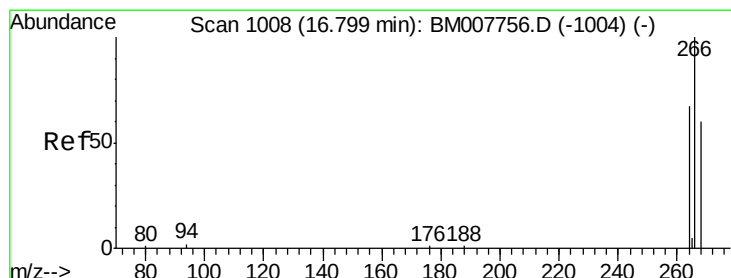
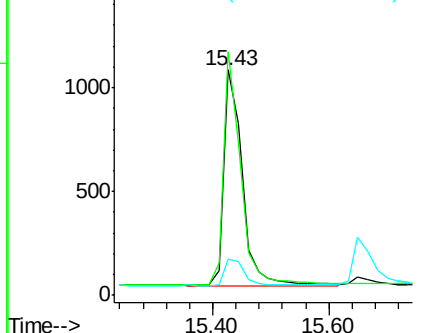
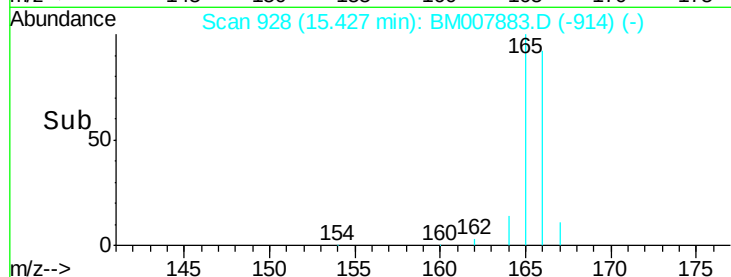
#9
Fluorene
 Concen: 0.38 ng/ul
 RT: 15.43 min Scan# 928
 Delta R.T. -0.02 min
 Lab File: BM007883.D
 Acq: 15 Nov 2016 09:25

Instrument :
 BNA_M
 ClientSampleId :
 SST0.461

Tgt Ion:166 Resp: 2297
 Ion Ratio Lower Upper
 166 100
 165 108.0 73.4 110.2
 167 15.9 14.6 22.0

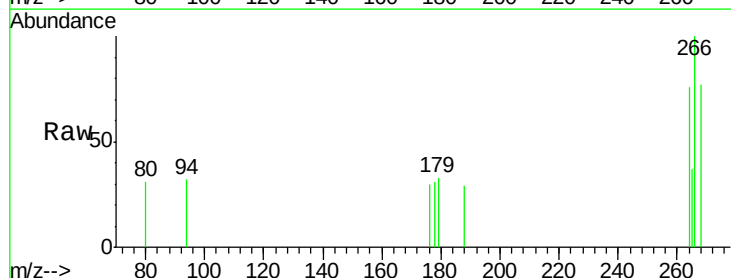


Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

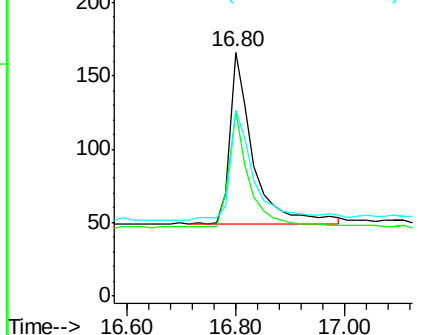
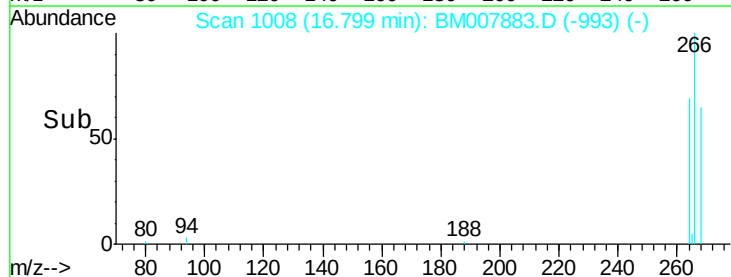


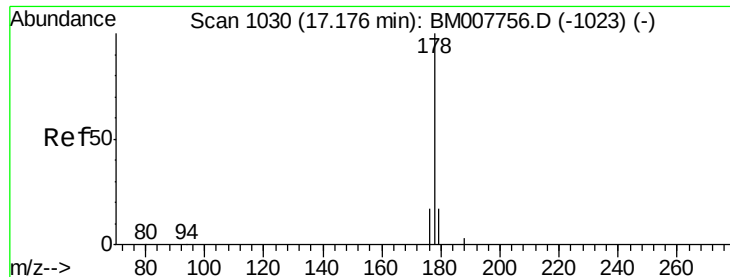
#11
Pentachlorophenol
 Concen: 0.49 ng/ul
 RT: 16.80 min Scan# 1008
 Delta R.T. -0.00 min
 Lab File: BM007883.D
 Acq: 15 Nov 2016 09:25

Tgt Ion:266 Resp: 342
 Ion Ratio Lower Upper
 266 100
 264 64.6 47.9 71.9
 268 66.1 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: 0.41 ng/ul

RT: 17.16 min Scan# 1029

Delta R.T. -0.02 min

Lab File: BM007883.D

Acq: 15 Nov 2016 09:25

Instrument :

BNA_M

ClientSampleId :

SSTD0.461

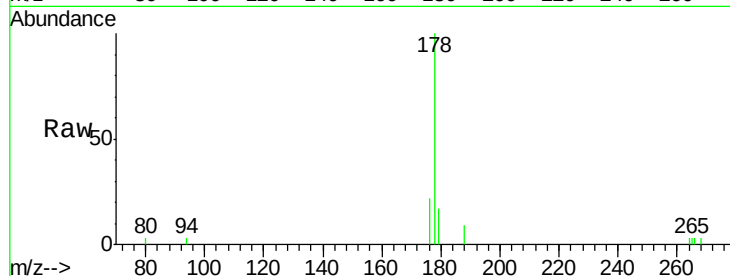
Tgt Ion:178 Resp: 3402

Ion Ratio Lower Upper

178 100

176 21.8 18.4 27.6

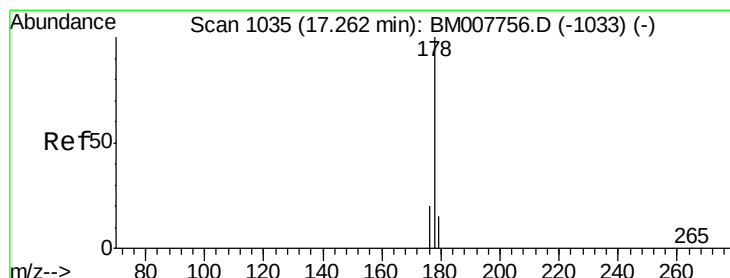
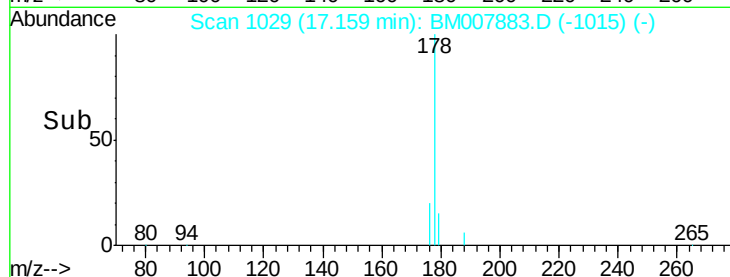
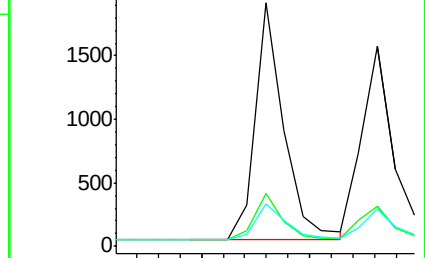
179 17.4 13.6 20.4



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#13

Anthracene

Concen: 0.42 ng/ul

RT: 17.26 min Scan# 1035

Delta R.T. -0.00 min

Lab File: BM007883.D

Acq: 15 Nov 2016 09:25

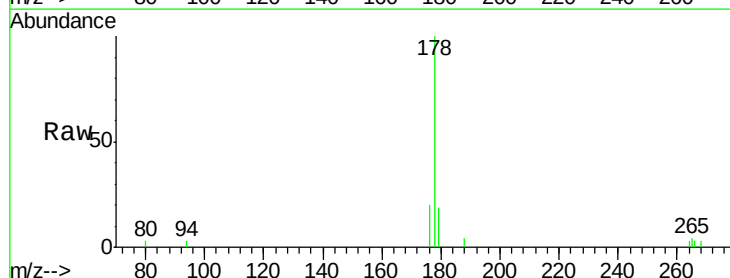
Tgt Ion:178 Resp: 3242

Ion Ratio Lower Upper

178 100

176 20.4 18.1 27.1

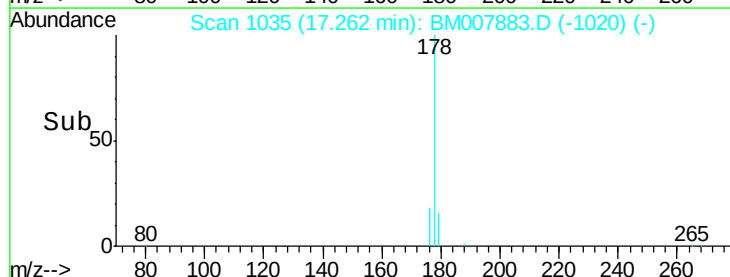
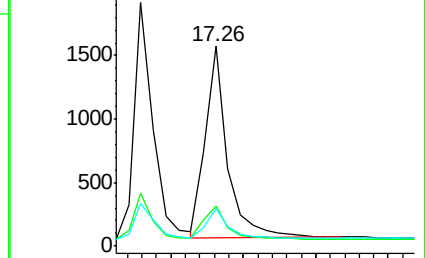
179 18.7 14.7 22.1

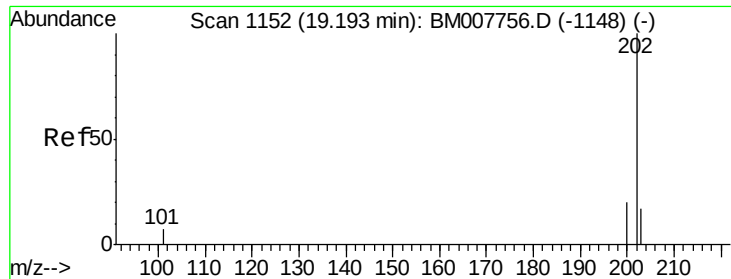


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

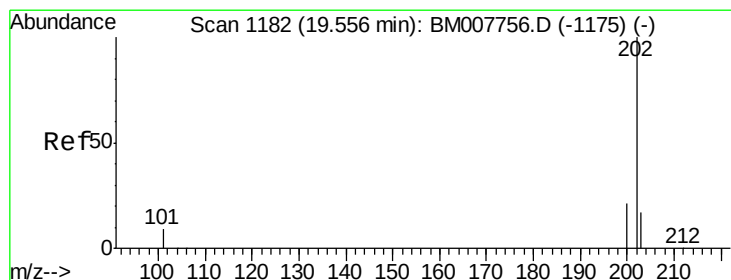
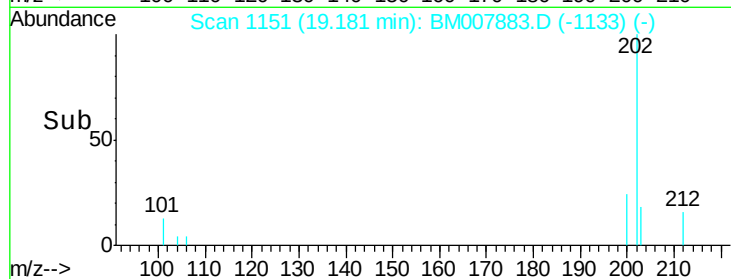
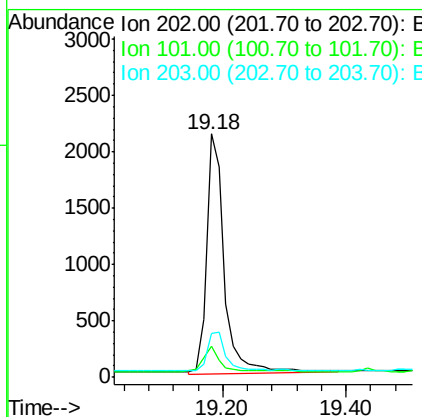
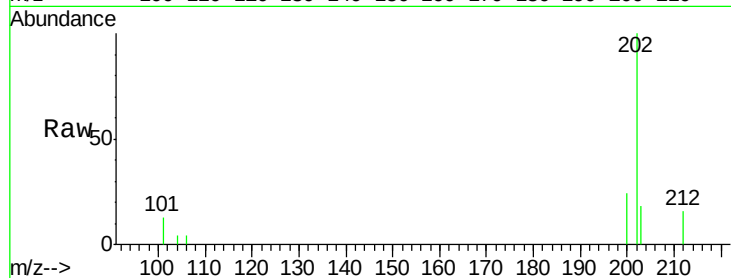




#15
Fluoranthene
 Concen: 0.43 ng/ul
 RT: 19.18 min Scan# 1151
 Delta R.T. -0.01 min
 Lab File: BM007883.D
 Acq: 15 Nov 2016 09:25

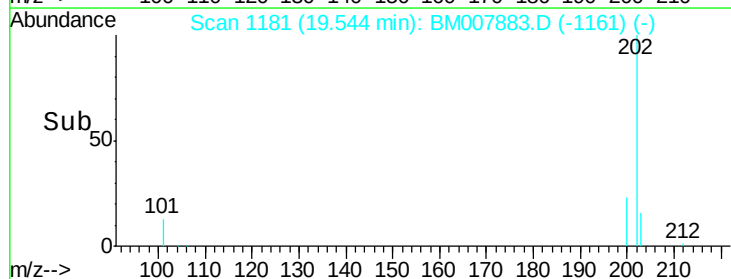
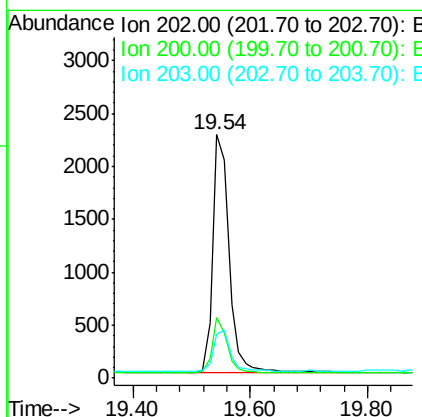
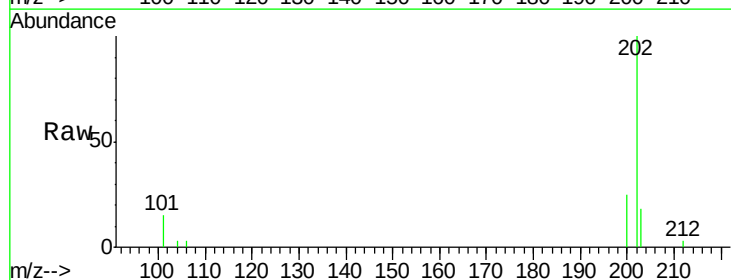
Instrument :
 BNA_M
 ClientSampleId :
 SST0.461

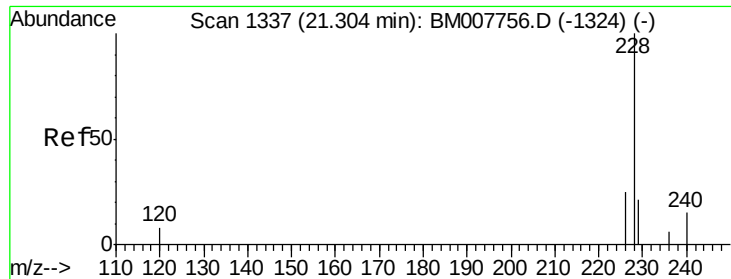
Tgt Ion:202 Resp: 4306
 Ion Ratio Lower Upper
 202 100
 101 12.6 0.0 30.3
 203 18.0 0.0 39.5



#17
Pyrene
 Concen: 0.42 ng/ul
 RT: 19.54 min Scan# 1181
 Delta R.T. -0.01 min
 Lab File: BM007883.D
 Acq: 15 Nov 2016 09:25

Tgt Ion:202 Resp: 4244
 Ion Ratio Lower Upper
 202 100
 200 25.1 18.2 27.4
 203 18.2 15.6 23.4





#18

Benzo(a)anthracene

Concen: 0.45 ng/ul

RT: 21.29 min Scan# 1336

Delta R.T. -0.01 min

Lab File: BM007883.D

Acq: 15 Nov 2016 09:25

Instrument :

BNA_M

ClientSampleId :

SSTD0.461

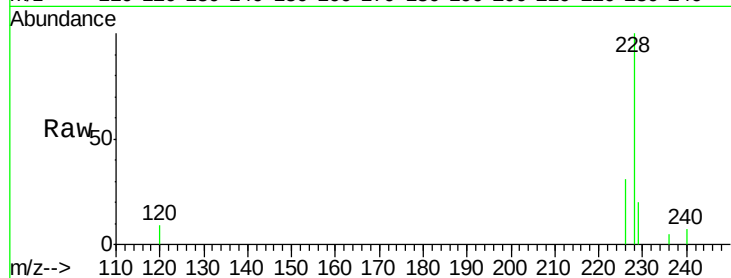
Tgt Ion:228 Resp: 3825

Ion Ratio Lower Upper

228 100

226 30.7 22.8 34.2

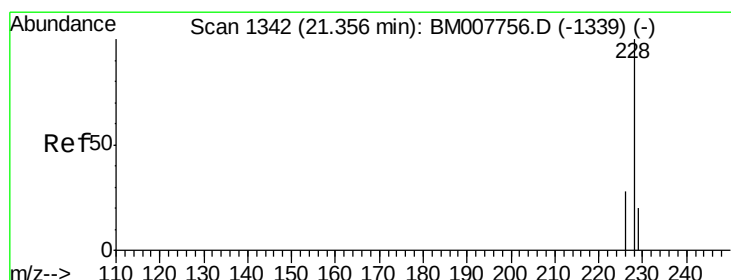
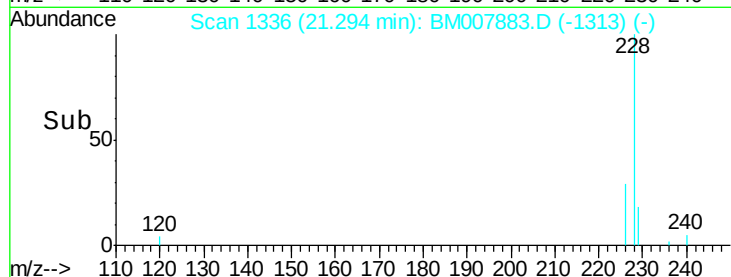
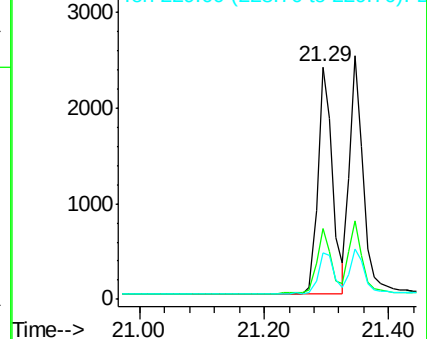
229 20.3 17.0 25.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#19

Chrysene

Concen: 0.41 ng/ul

RT: 21.35 min Scan# 1341

Delta R.T. -0.01 min

Lab File: BM007883.D

Acq: 15 Nov 2016 09:25

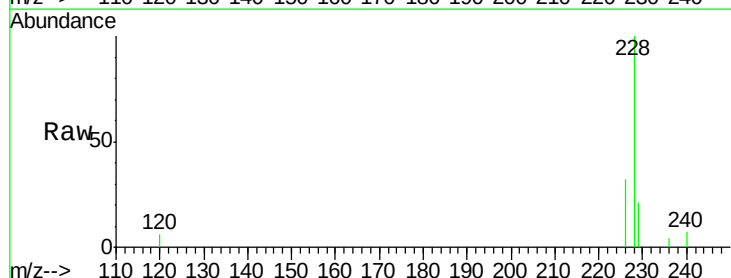
Tgt Ion:228 Resp: 3911

Ion Ratio Lower Upper

228 100

226 32.1 23.4 35.0

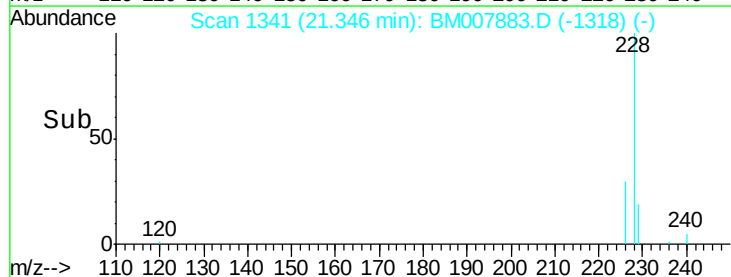
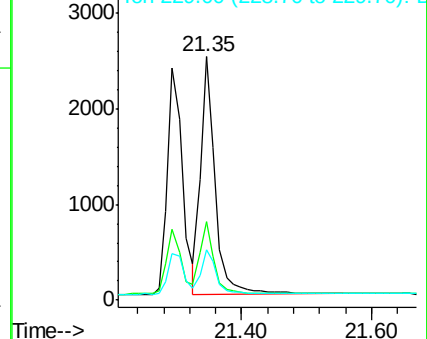
229 20.8 17.7 26.5

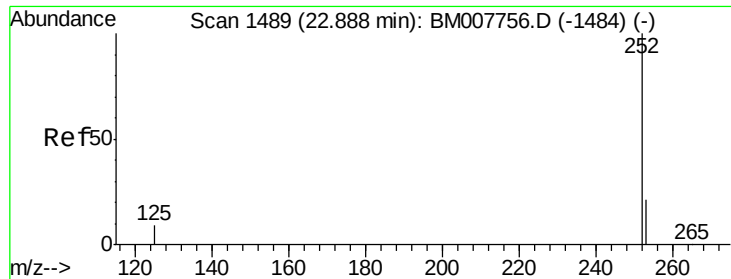


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#21

Benzo(b)fluoranthene

Concen: 0.44 ng/ul

RT: 22.88 min Scan# 1488

Delta R.T. -0.01 min

Lab File: BM007883.D

Acq: 15 Nov 2016 09:25

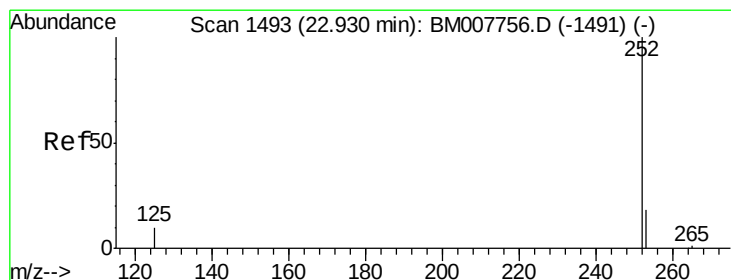
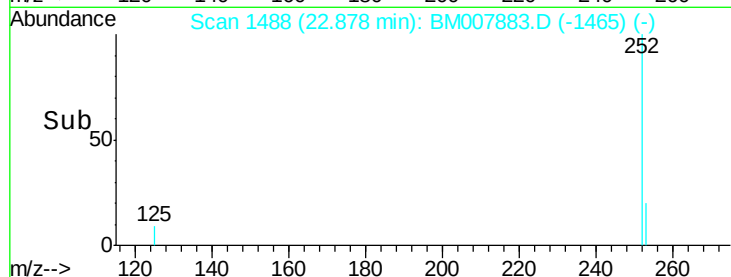
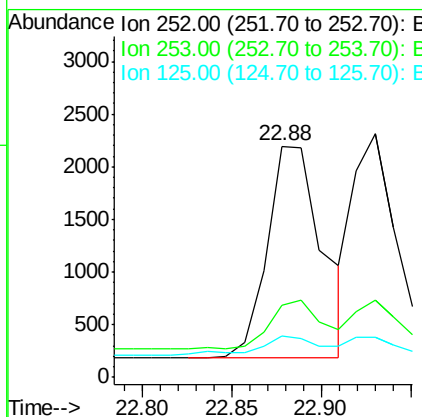
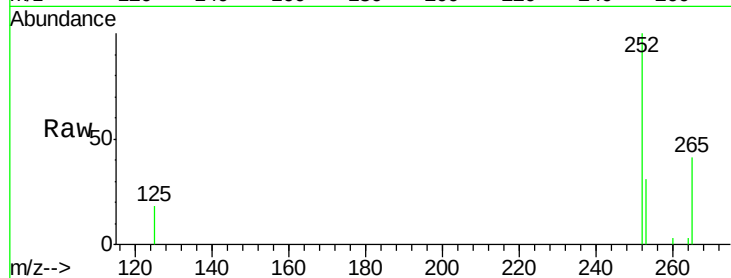
Instrument :

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ClientSampleId :

SSTD0.461

Tgt Ion:	252	Resp:	4317
Ion	Ratio	Lower	Upper
252	100		
253	31.1	0.0	64.2
125	18.0	0.0	35.0



#22

Benzo(k)fluoranthene

Concen: 0.38 ng/ul

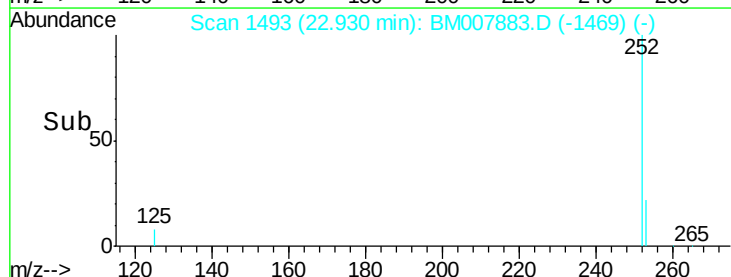
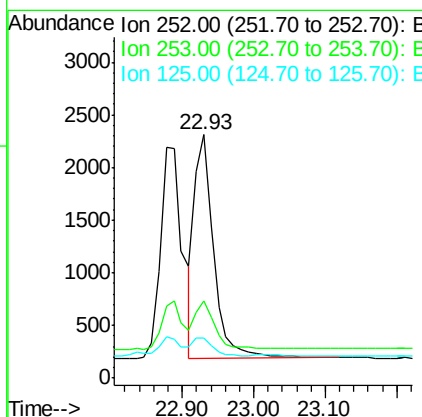
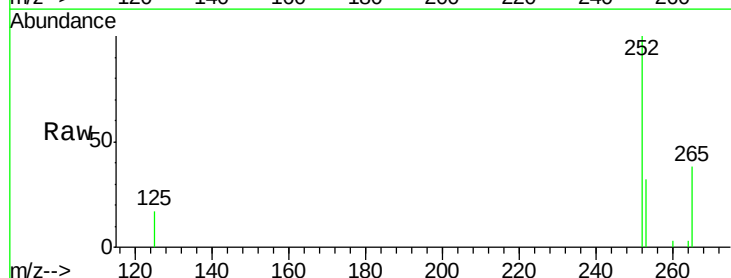
RT: 22.93 min Scan# 1493

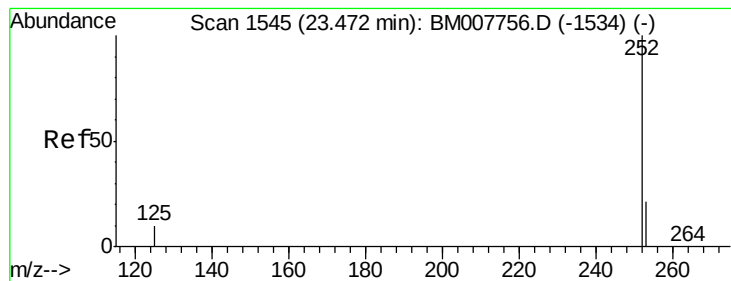
Delta R.T. -0.00 min

Lab File: BM007883.D

Acq: 15 Nov 2016 09:25

Tgt Ion:	252	Resp:	3915
Ion	Ratio	Lower	Upper
252	100		
253	31.8	24.5	36.7
125	16.7	13.7	20.5





#23

Benzo(a)pyrene

Concen: 0.44 ng/ul

RT: 23.46 min Scan# 1544

Delta R.T. -0.01 min

Lab File: BM007883.D

Acq: 15 Nov 2016 09:25

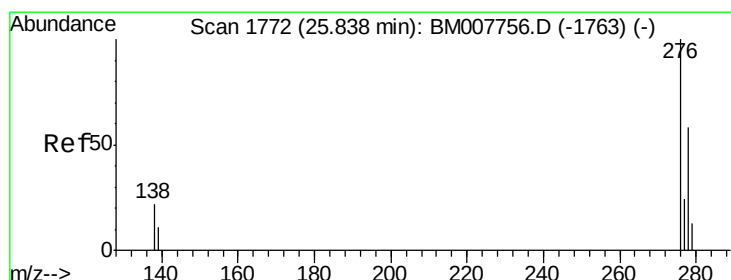
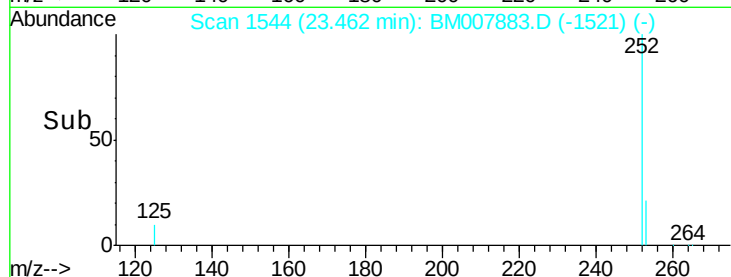
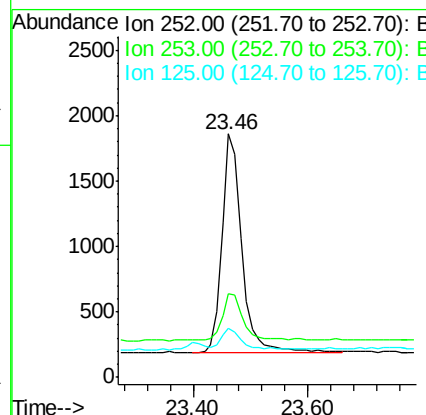
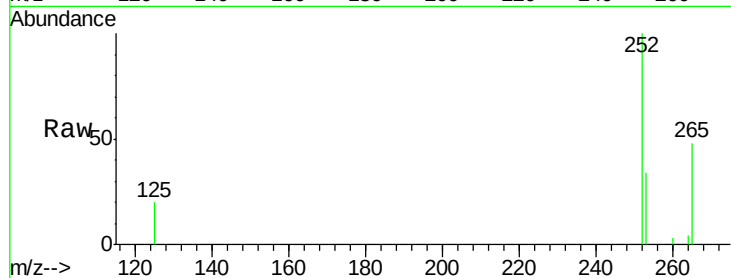
Instrument :

BNA_M

ClientSampleId :

SSTD0.461

Tgt Ion:	252	Resp:	4007
Ion	Ratio	Lower	Upper
252	100		
253	34.1	28.5	42.7
125	20.3	18.1	27.1



#24

Indeno(1,2,3-cd)pyrene

Concen: 0.43 ng/ul

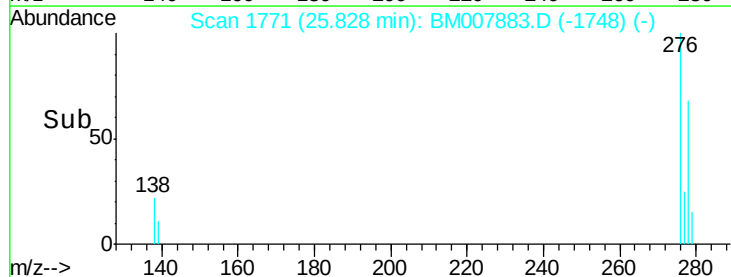
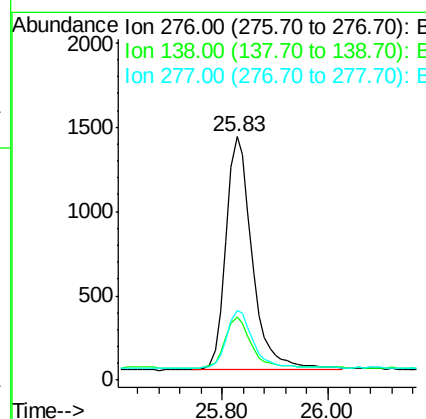
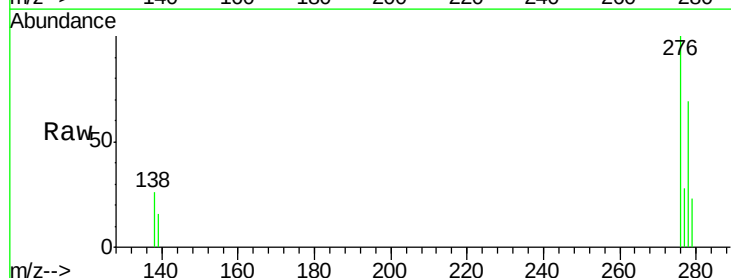
RT: 25.83 min Scan# 1771

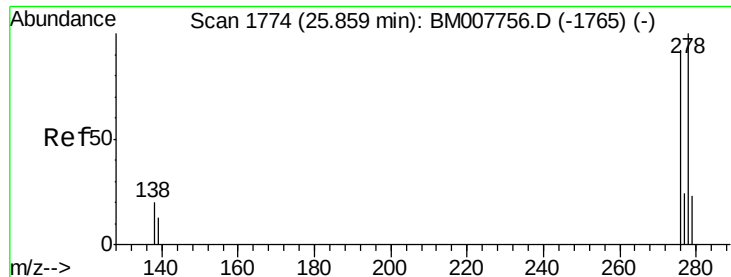
Delta R.T. -0.01 min

Lab File: BM007883.D

Acq: 15 Nov 2016 09:25

Tgt Ion:	276	Resp:	4822
Ion	Ratio	Lower	Upper
276	100		
138	22.1	19.1	28.7
277	25.1	19.6	29.4



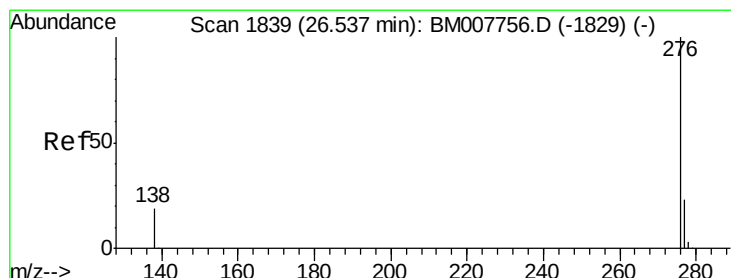
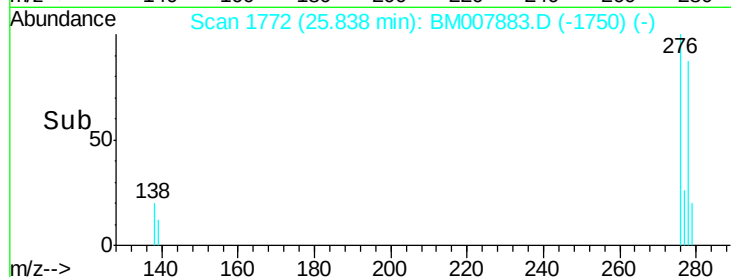
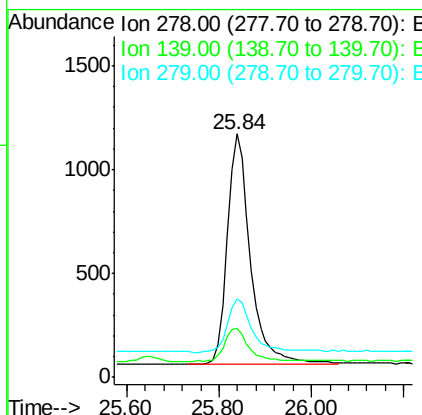
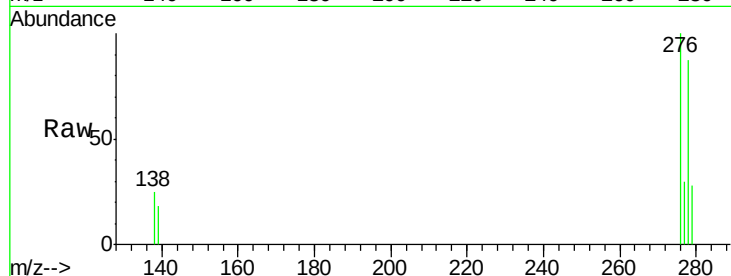


#25
Dibenzo(a,h)anthracene
Concen: 0.44 ng/ul
RT: 25.84 min Scan# 1772
Delta R.T. -0.02 min
Lab File: BM007883.D
Acq: 15 Nov 2016 09:25

Instrument :
BNA_M
ClientSampleId :
SSTD0.461

Tgt Ion: 278 Resp: 3904

Ion	Ratio	Lower	Upper
278	100		
139	20.4	17.4	26.0
279	32.3	25.9	38.9



#26
Benzo(g,h,i)perylene
Concen: 0.42 ng/ul
RT: 26.53 min Scan# 1838
Delta R.T. -0.01 min
Lab File: BM007883.D
Acq: 15 Nov 2016 09:25

Tgt Ion: 276 Resp: 4204

Ion	Ratio	Lower	Upper
276	100		
277	27.4	21.8	32.8
138	22.2	20.5	30.7

