

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061516\
 Data File : BM005786.D
 Acq On : 14 Jun 2016 15:50
 Operator : UM/SJ
 Sample : SSTD01035
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD01035

Quant Time: Jun 15 01:19:11 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM061516.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jun 15 01:18:34 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	61563	20.00	ng/ul	0.00
7) Naphthalene-d8	10.53	136	311436	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.39	164	197646	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.13	188	449303	20.00	ng/ul	0.00
29) Chrysene-d12	21.31	240	431804	20.00	ng/ul	0.00
34) Perylene-d12	23.57	264	422102	20.00	ng/ul	0.00

System Monitoring Compounds

2) 1,4-Dioxane-d8	3.19	96	5523	3.92	ng/uL	0.00
3) Phenol-d5	6.92	99	50039	9.50	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	7.07	67	32450	10.26	ng/ul	0.00
5) 2-Chlorophenol-d4	7.27	132	43494	10.18	ng/ul	0.00
6) 4-Methylphenol-d8	8.46	113	43235	9.69	ng/ul	0.00
8) Nitrobenzene-d5	8.90	128	21623	9.65	ng/ul	0.00
9) 2-Nitrophenol-d4	9.62	143	23741	9.44	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.17	165	48905	10.59	ng/ul	0.00
12) 4-Chloroaniline-d4	10.67	131	62016	11.53	ng/ul	0.00
16) Dimethylphthalate-d6	13.79	166	163377	10.07	ng/ul	0.00
17) Acenaphthylene-d8	14.08	160	214238	10.76	ng/ul	0.00
20) 4-Nitrophenol-d4	14.63	143	15714	7.12	ng/ul	0.00
21) Fluorene-d10	15.38	176	149234	11.04	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.53	200	13919	6.23	ng/ul	0.00
26) Anthracene-d10	17.23	188	226988	10.80	ng/ul	0.00
30) Pyrene-d10	19.53	212	232340	11.22	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.43	264	207441	10.78	ng/ul	0.00

Target Compounds

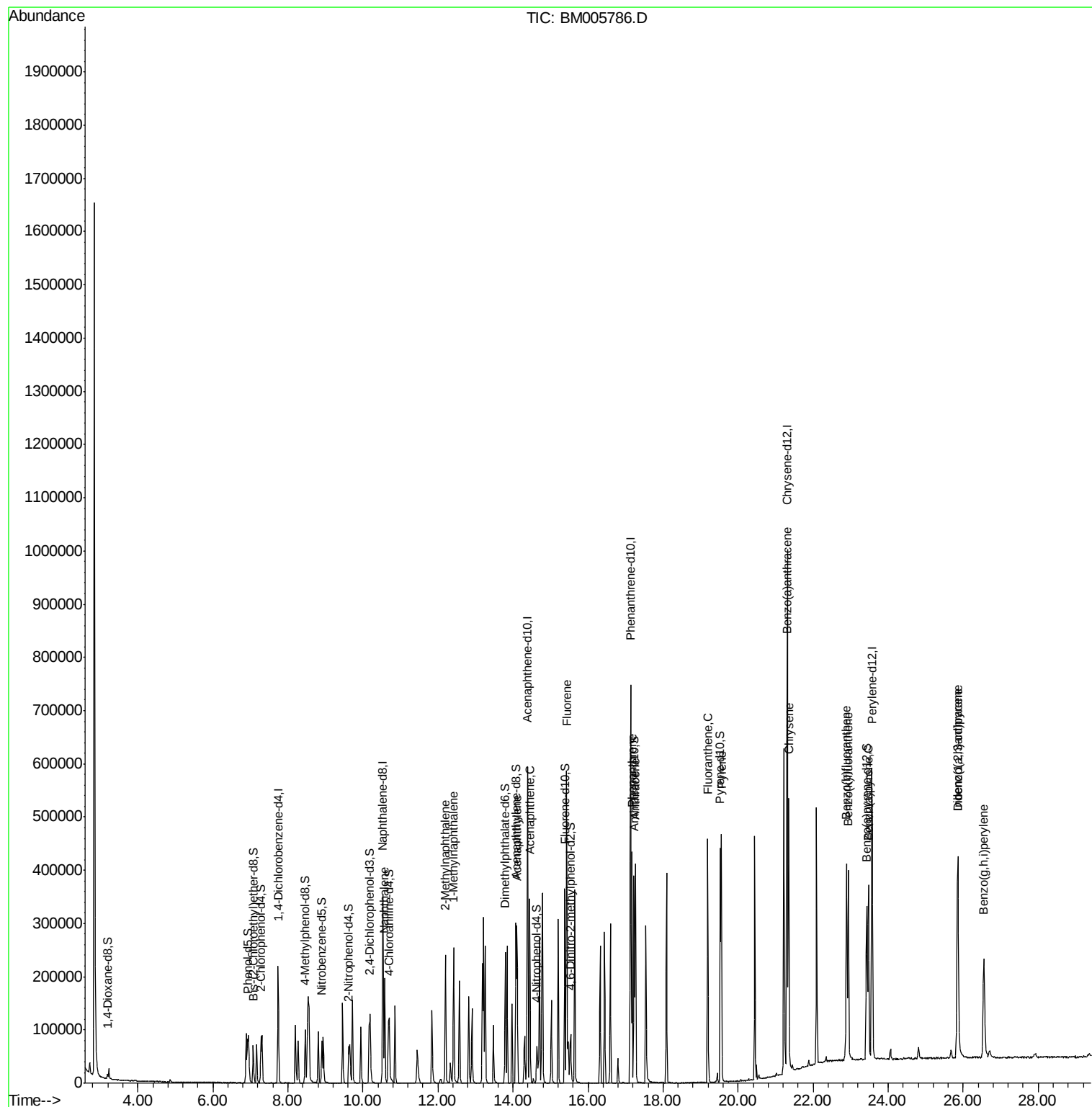
						Qvalue
11) Naphthalene	10.58	128	167014	10.74	ng/ul	100
13) 2-Methylnaphthalene	12.20	142	125000	10.80	ng/ul	97
14) 1-Methylnaphthalene	12.42	142	128762	11.26	ng/ul	99
18) Acenaphthylene	14.11	152	218626	10.77	ng/ul	99
19) Acenaphthene	14.45	153	143183	10.83	ng/ul	100
22) Fluorene	15.43	166	166383	11.25	ng/ul	98
25) Phenanthrene	17.17	178	267925	10.94	ng/ul	100
27) Anthracene	17.26	178	266412	10.77	ng/ul	99
28) Fluoranthene	19.19	202	291361	10.27	ng/ul	99
31) Pyrene	19.56	202	296820	11.34	ng/ul	98
32) Benzo(a)anthracene	21.30	228	264349	10.59	ng/ul	99
33) Chrysene	21.35	228	263452	10.78	ng/ul	100
35) Benzo(b)fluoranthene	22.89	252	270351	10.72	ng/ul	98
36) Benzo(k)fluoranthene	22.93	252	257740	10.41	ng/ul	99
38) Benzo(a)pyrene	23.47	252	258375	10.86	ng/ul	99
39) Indeno(1,2,3-cd)pyrene	25.86	276	285647	11.85	ng/ul	99
40) Dibenzo(a,h)anthracene	25.86	278	242405	12.00	ng/ul	99
41) Benzo(g,h,i)perylene	26.56	276	243754	11.94	ng/ul	98

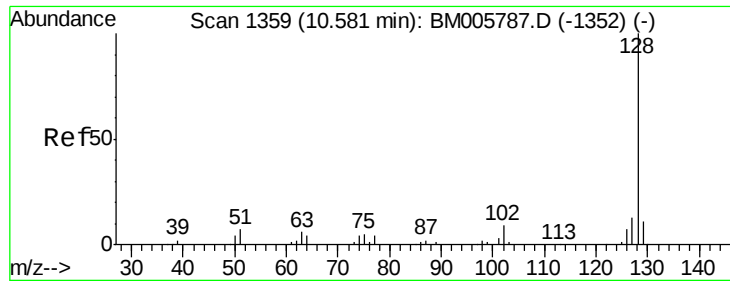
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#11

Naphthalene

Concen: 10.74 ng/ul

RT: 10.58 min Scan# 1359

Delta R.T. -0.00 min

Lab File: BM005786.D

Acq: 14 Jun 2016 15:50

Instrument :

BNA_M

ClientSampleId :

SSTD01035

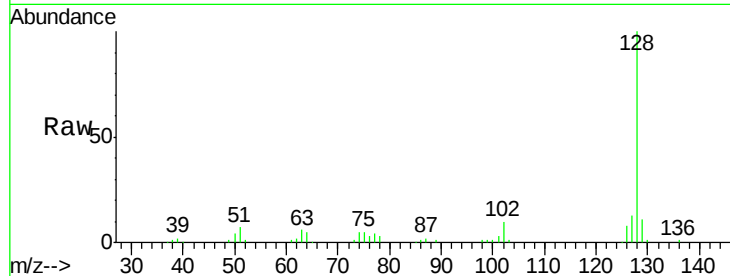
Tgt Ion:128 Resp: 167014

Ion Ratio Lower Upper

128 100

129 11.1 8.9 13.3

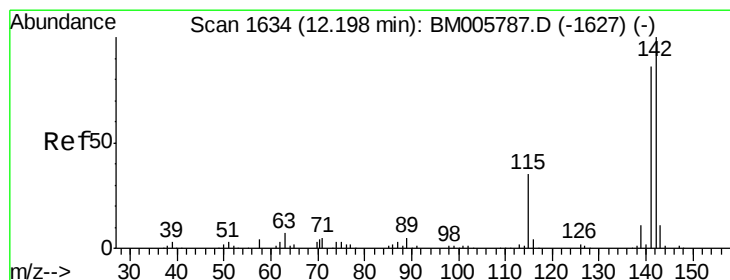
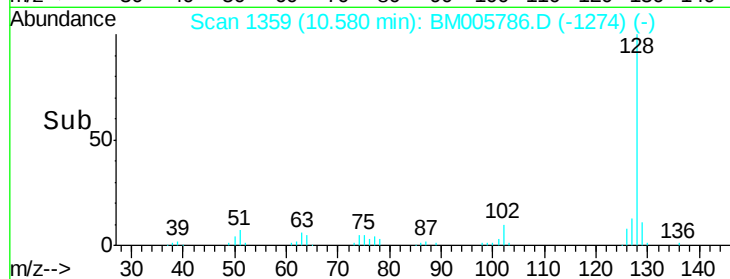
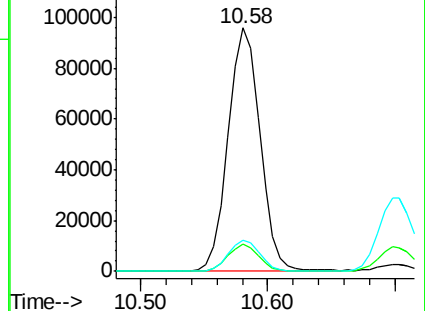
127 13.0 10.5 15.7



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



#13

2-Methylnaphthalene

Concen: 10.80 ng/ul

RT: 12.20 min Scan# 1634

Delta R.T. -0.00 min

Lab File: BM005786.D

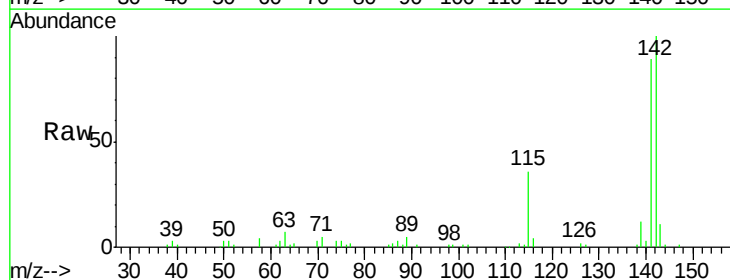
Acq: 14 Jun 2016 15:50

Tgt Ion:142 Resp: 125000

Ion Ratio Lower Upper

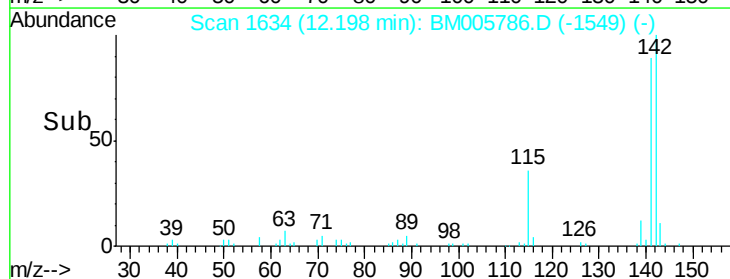
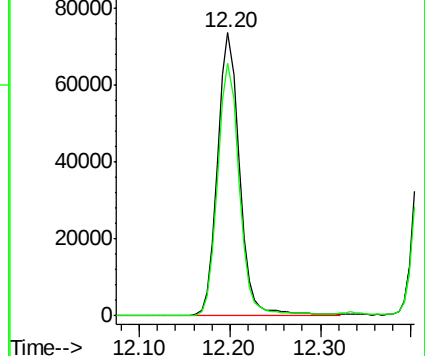
142 100

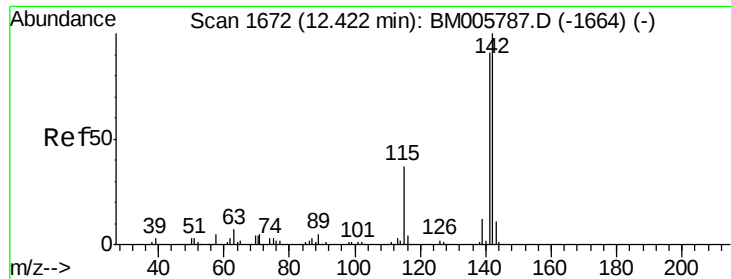
141 89.5 69.0 103.6



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

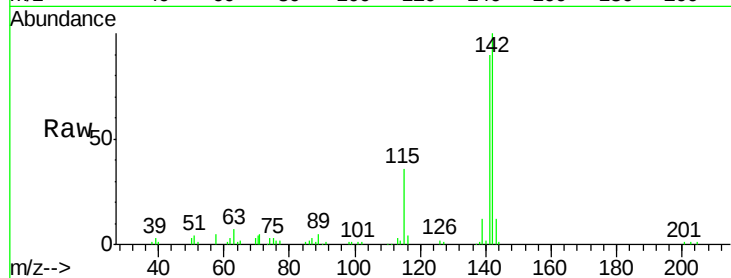




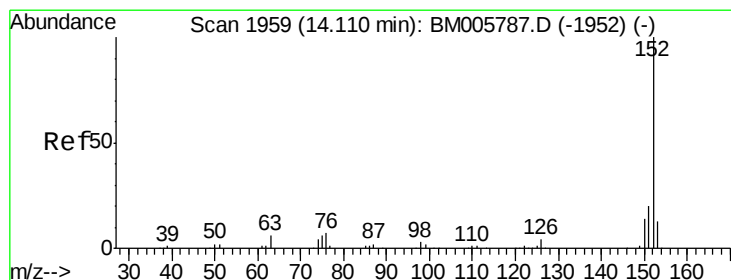
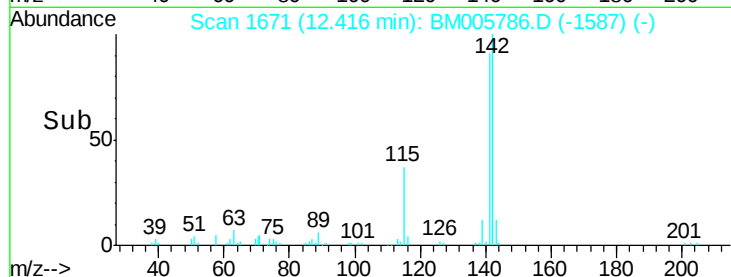
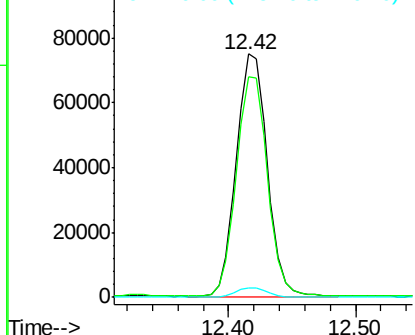
#14
1-Methylnaphthalene
Concen: 11.26 ng/ul
RT: 12.42 min Scan# 1671
Delta R.T. -0.01 min
Lab File: BM005786.D
Acq: 14 Jun 2016 15:50

Instrument :
BNA_M
ClientSampleId :
SSTD01035

Tgt Ion:142 Resp: 128762
Ion Ratio Lower Upper
142 100
141 90.3 73.0 109.4
116 4.0 3.0 4.6

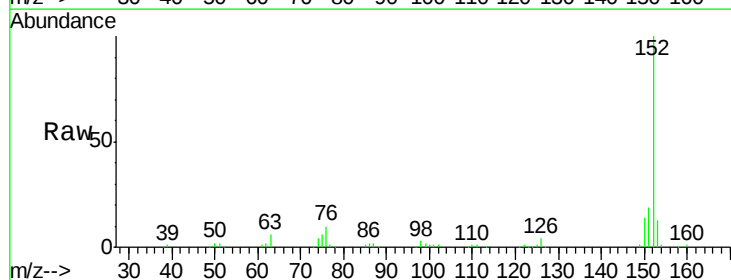


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E

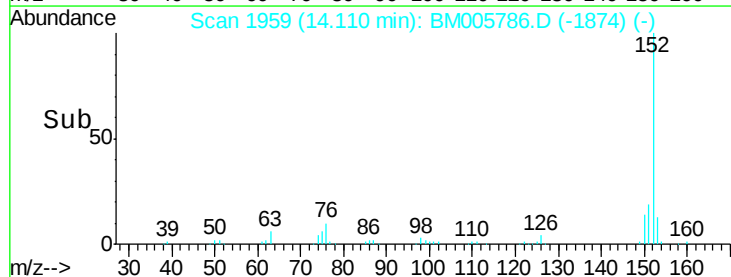
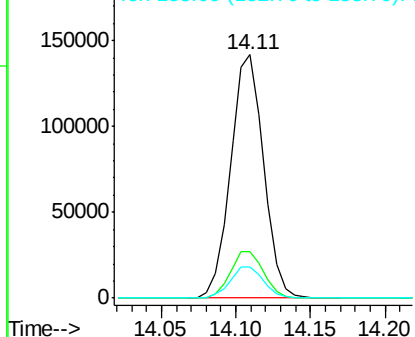


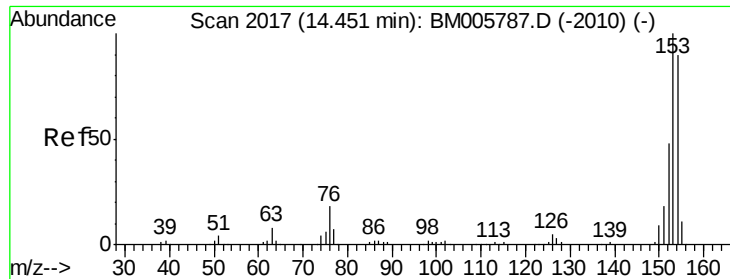
#18
Acenaphthylene
Concen: 10.77 ng/ul
RT: 14.11 min Scan# 1959
Delta R.T. -0.00 min
Lab File: BM005786.D
Acq: 14 Jun 2016 15:50

Tgt Ion:152 Resp: 218626
Ion Ratio Lower Upper
152 100
151 19.0 15.8 23.6
153 12.8 10.3 15.5



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





#19

Acenaphthene

Concen: 10.83 ng/ul

RT: 14.45 min Scan# 2017

Delta R.T. -0.00 min

Lab File: BM005786.D

Acq: 14 Jun 2016 15:50

Instrument :

BNA_M

ClientSampleId :

SSTD01035

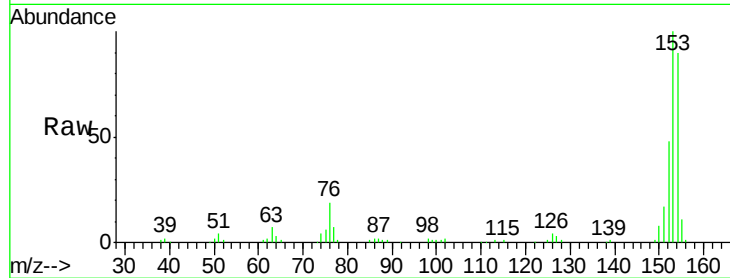
Tgt Ion:153 Resp: 143183

Ion Ratio Lower Upper

153 100

152 47.6 38.1 57.1

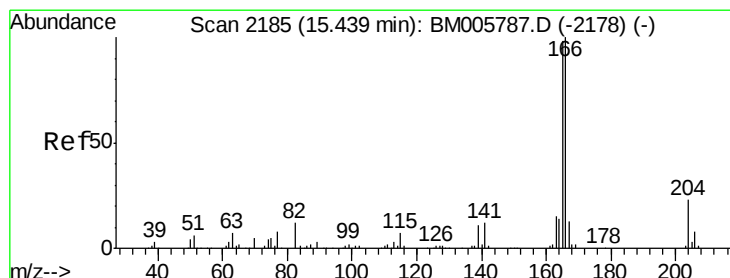
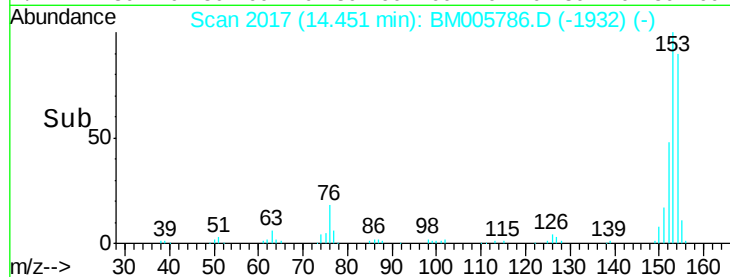
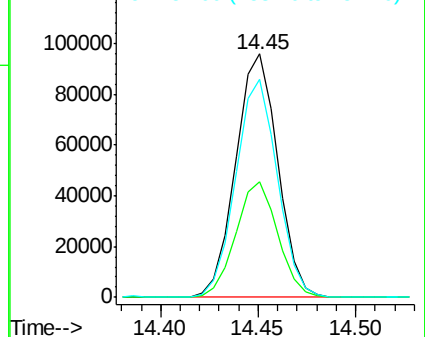
154 89.6 71.6 107.4



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



#22

Fluorene

Concen: 11.25 ng/ul

RT: 15.43 min Scan# 2184

Delta R.T. -0.01 min

Lab File: BM005786.D

Acq: 14 Jun 2016 15:50

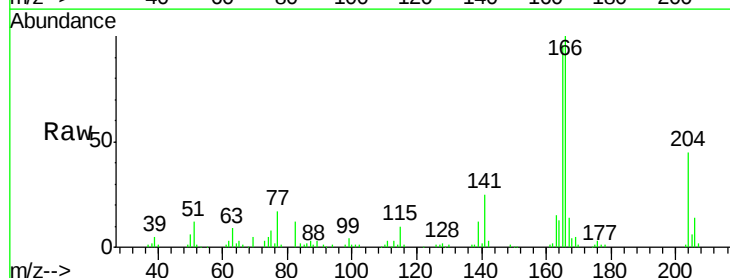
Tgt Ion:166 Resp: 166383

Ion Ratio Lower Upper

166 100

165 96.4 78.4 117.6

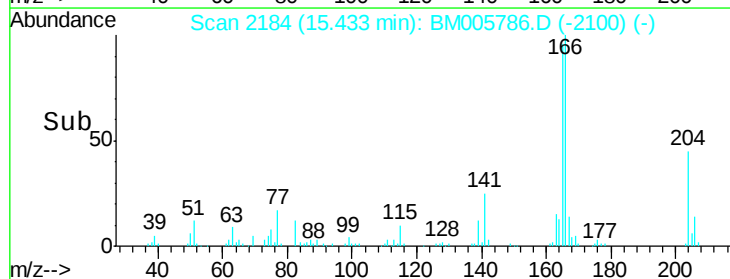
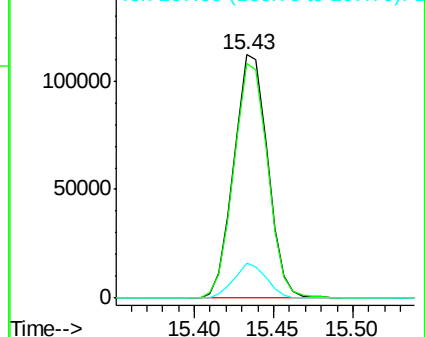
167 14.2 10.6 16.0

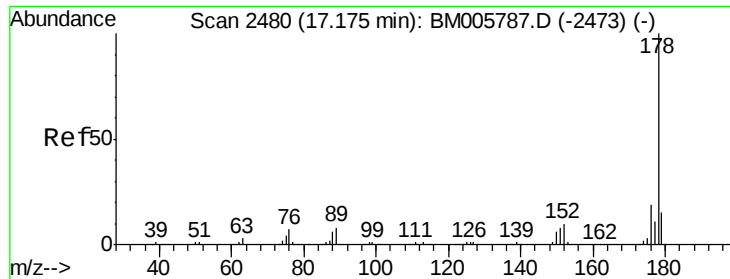


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#25

Phenanthrene

Concen: 10.94 ng/ul

RT: 17.17 min Scan# 2480

Delta R.T. -0.00 min

Lab File: BM005786.D

Acq: 14 Jun 2016 15:50

Instrument :

BNA_M

ClientSampleId :

SSTD01035

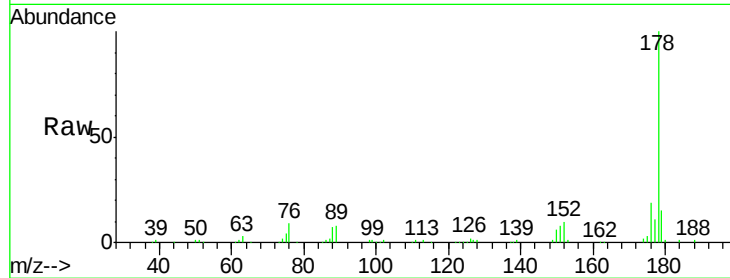
Tgt Ion:178 Resp: 267925

Ion Ratio Lower Upper

178 100

179 15.2 12.2 18.2

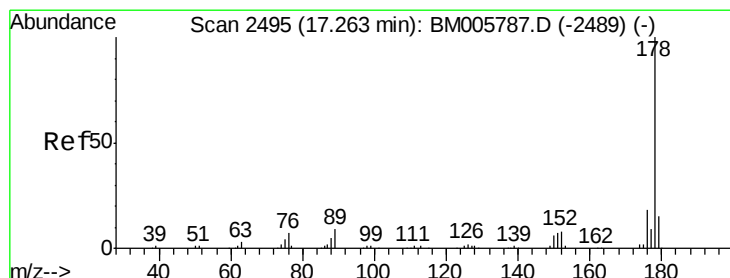
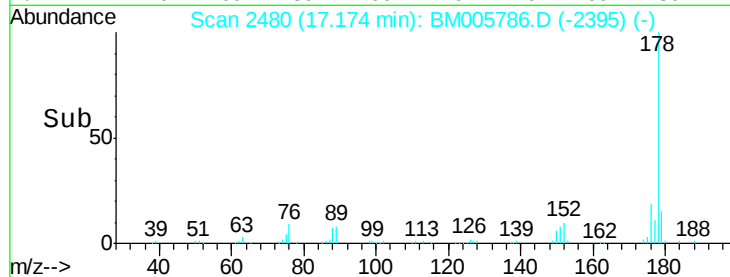
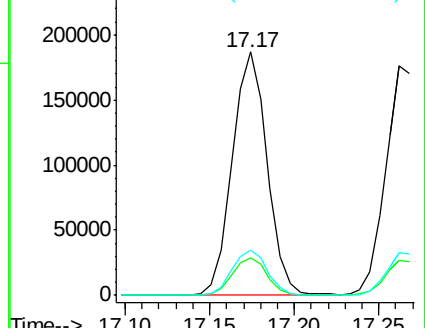
176 18.8 15.3 22.9



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#27

Anthracene

Concen: 10.77 ng/ul

RT: 17.26 min Scan# 2495

Delta R.T. -0.00 min

Lab File: BM005786.D

Acq: 14 Jun 2016 15:50

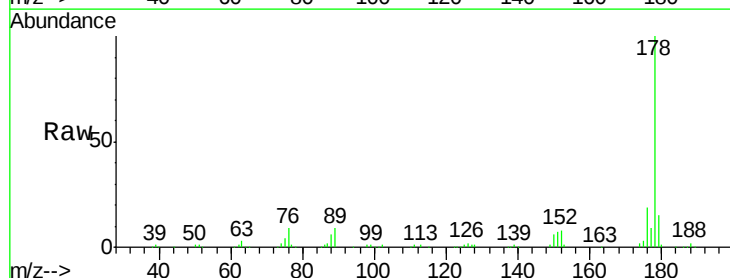
Tgt Ion:178 Resp: 266412

Ion Ratio Lower Upper

178 100

179 15.2 12.3 18.5

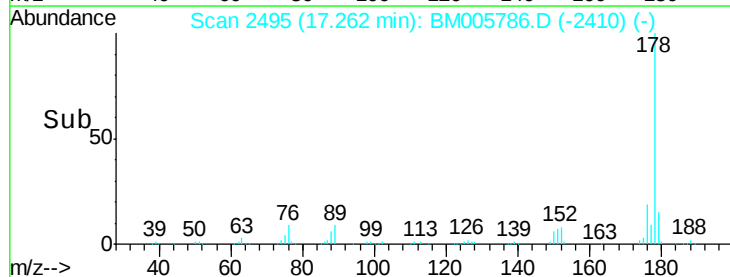
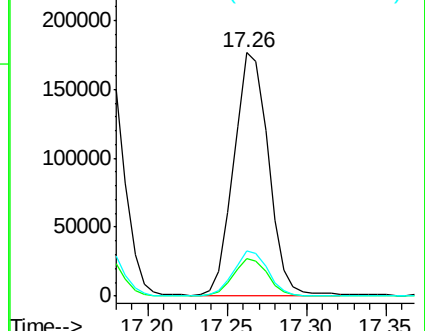
176 18.6 14.6 22.0

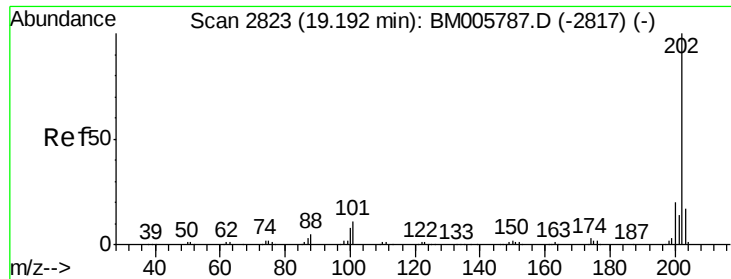


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#28

Fluoranthene

Concen: 10.27 ng/ul

RT: 19.19 min Scan# 2823

Delta R.T. -0.00 min

Lab File: BM005786.D

Acq: 14 Jun 2016 15:50

Instrument :

BNA_M

ClientSampleId :

SSTD01035

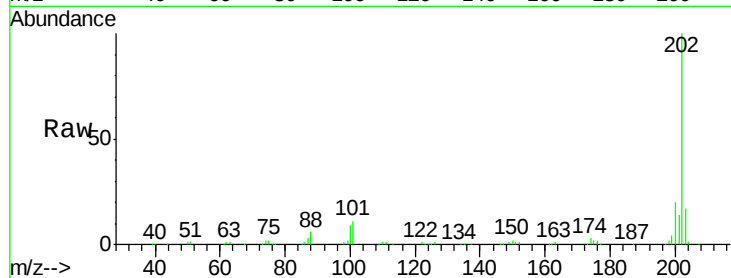
Tgt Ion:202 Resp: 291361

Ion Ratio Lower Upper

202 100

101 11.2 8.5 12.7

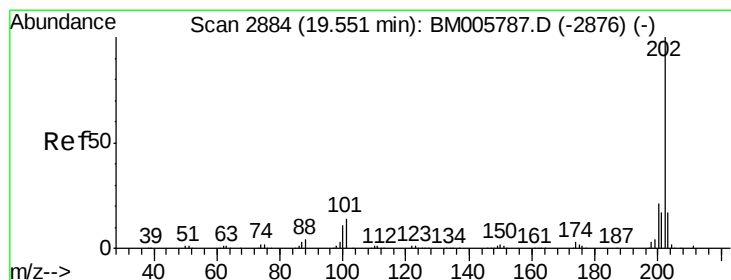
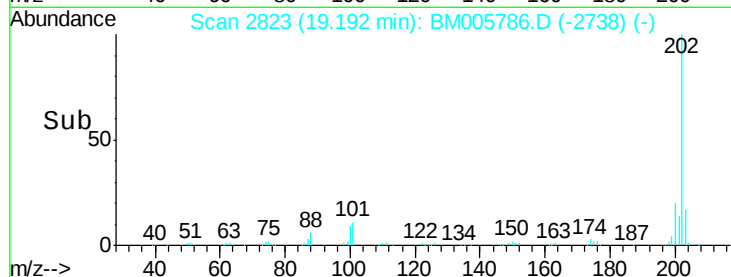
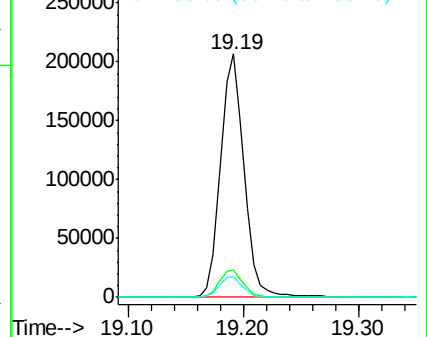
100 8.5 6.5 9.7



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#31

Pyrene

Concen: 11.34 ng/ul

RT: 19.56 min Scan# 2885

Delta R.T. 0.01 min

Lab File: BM005786.D

Acq: 14 Jun 2016 15:50

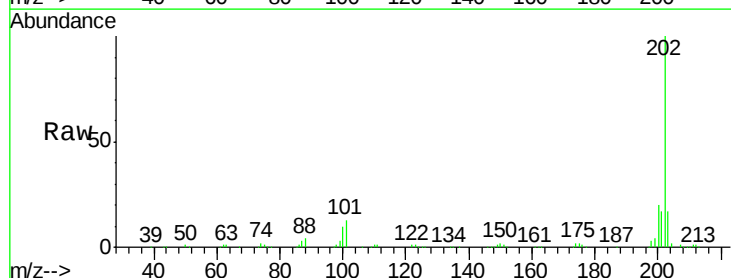
Tgt Ion:202 Resp: 296820

Ion Ratio Lower Upper

202 100

101 12.8 11.0 16.4

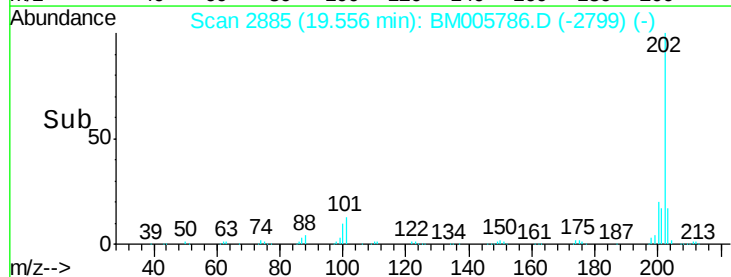
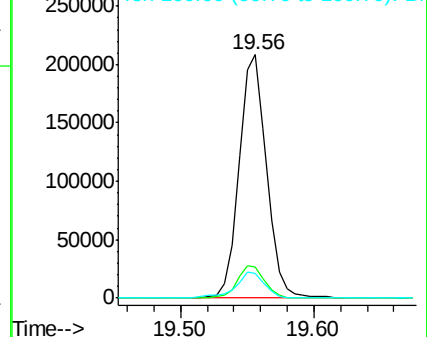
100 10.4 8.9 13.3

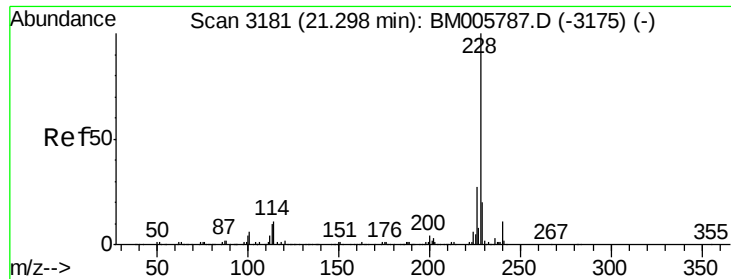


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

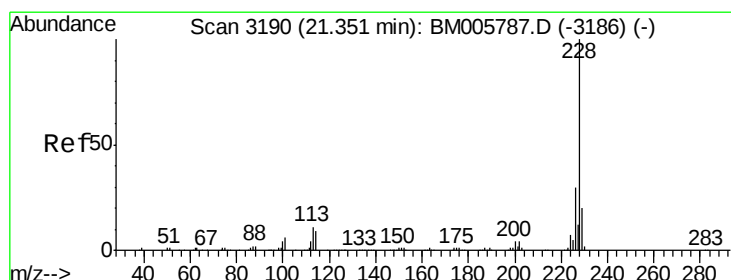
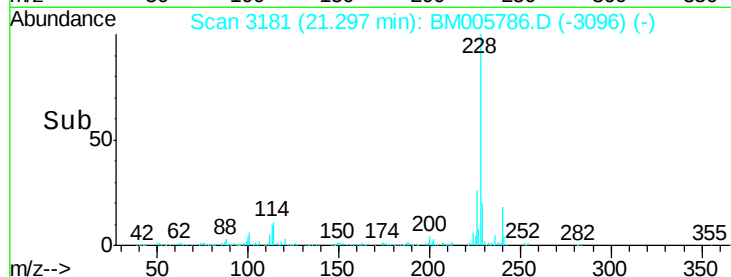
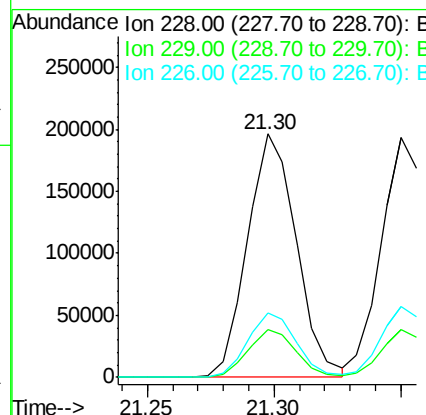
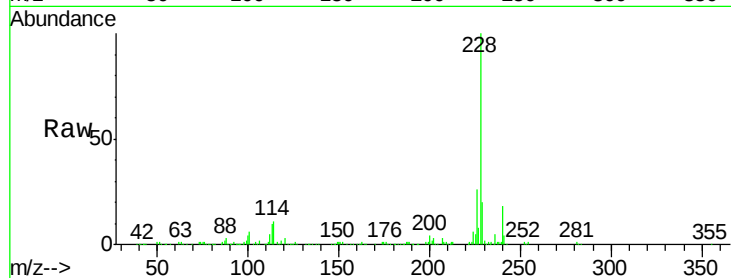




#32
Benzo(a)anthracene
Concen: 10.59 ng/ul
RT: 21.30 min Scan# 3181
Delta R.T. -0.00 min
Lab File: BM005786.D
Acq: 14 Jun 2016 15:50

Instrument :
BNA_M
ClientSampleId :
SSTD01035

Tgt Ion:228 Resp: 264349
Ion Ratio Lower Upper
228 100
229 19.6 15.6 23.4
226 26.4 21.6 32.4



#33
Chrysene
Concen: 10.78 ng/ul
RT: 21.35 min Scan# 3190
Delta R.T. -0.00 min
Lab File: BM005786.D
Acq: 14 Jun 2016 15:50

Tgt Ion:228 Resp: 263452
Ion Ratio Lower Upper
228 100
226 29.8 23.8 35.6
229 19.8 15.8 23.6

