

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE070618\
 Data File : BE096859.D
 Acq On : 6 Jul 2018 18:43
 Operator : SJ/JU
 Sample : PB110794BL
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Jul 07 03:25:24 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE070618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 06 16:55:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	3939	0.40	ng/ul	0.00
2) Naphthalene-d8	10.14	136	20630	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.03	164	13040	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.88	188	3336402	0.40	ng/ul	0.10
16) Chrysene-d12	21.15	240	19	0.40	ng/ul	0.17
20) Perylene-d12	0.00	264	0	0.00	ng/ul	-23.21

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	11.74	152	13258	0.39	ng/ul	0.00
14) Fluoranthene-d10	0.00	212	0	0.00	ng/ul	

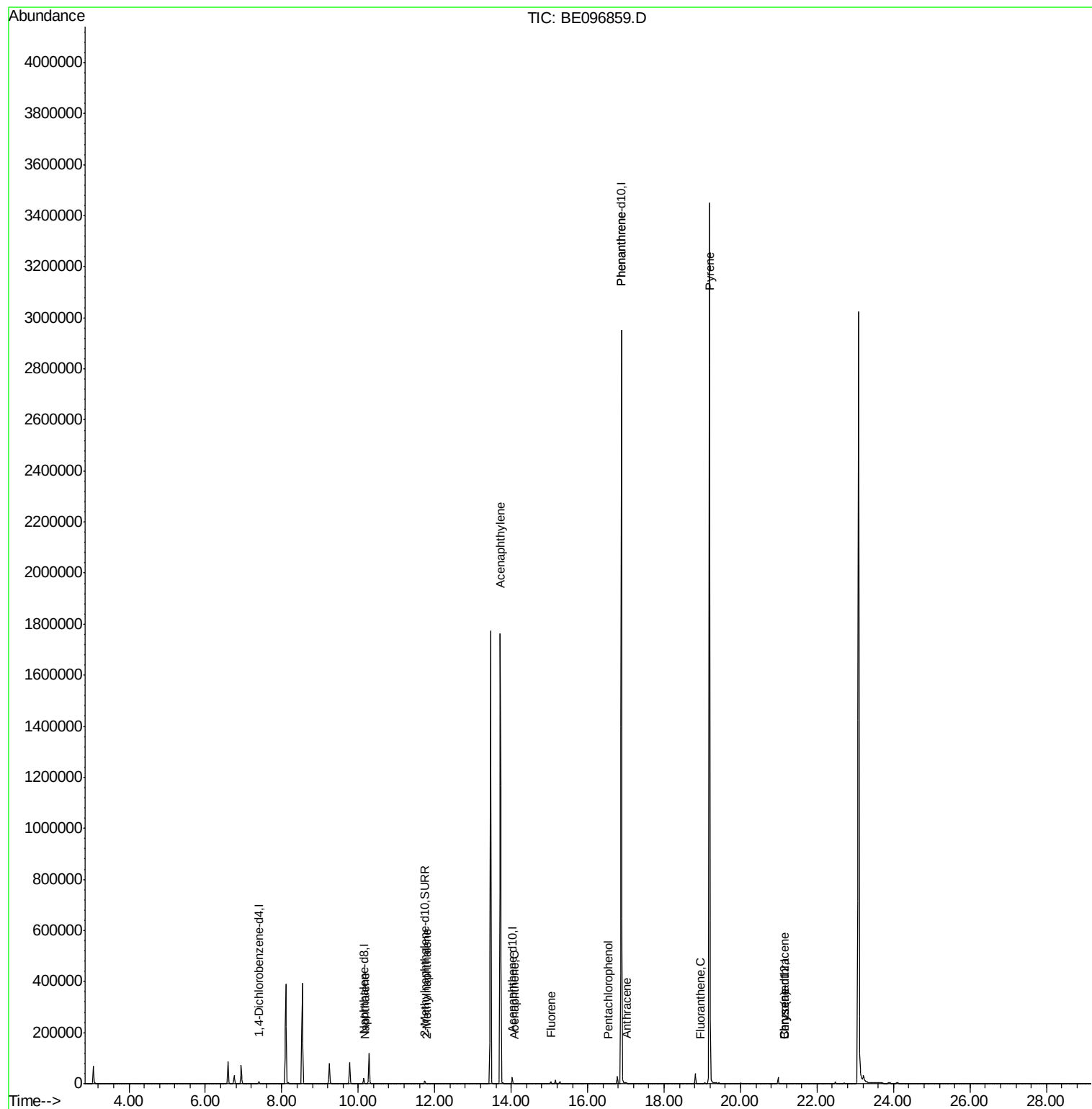
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Naphthalene	10.19	128	51	0.001	ng/ul#	1
5) 2-Methylnaphthalene	11.81	142	38	0.001	ng/ul#	65
7) Acenaphthylene	13.72	152	254	0.005	ng/ul#	1
8) Acenaphthene	14.09	153	62	0.001	ng/ul#	80
9) Fluorene	15.04	166	5091	0.112	ng/ul#	17
11) Pentachlorophenol	16.54	266	7	0.000	ng/ul	92
12) Phenanthrene	16.88	178	1551	0.000	ng/ul#	1
13) Anthracene	17.02	178	22	0.000	ng/ul#	1
15) Fluoranthene	18.96	202	4	0.000	ng/ul#	1
17) Pyrene	19.19	202	5497	88.139	ng/ul#	1
18) Benzo(a)anthracene	21.15	228	5	0.112	ng/ul#	1
19) Chrysene	21.15	228	5	0.086	ng/ul#	1

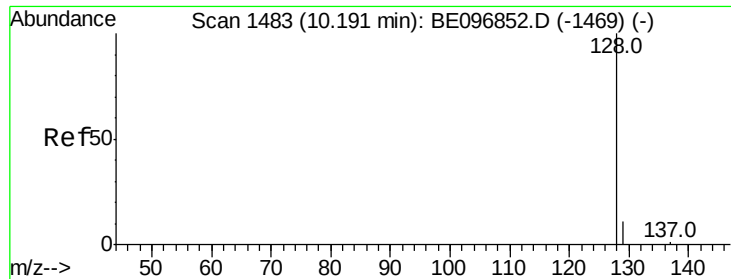
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.001 ng/ul

RT: 10.19 min Scan# 1484

Delta R.T. -0.00 min

Lab File: BE096859.D

Acq: 6 Jul 2018 18:43

Instrument :

BNA_E

ClientSampleId :

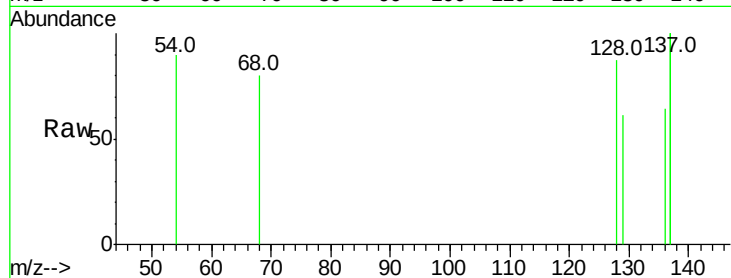
Tot Ion:128 Resp: 51

Ion Ratio Lower Upper

128 100

129 70.7 11.3 16.9#

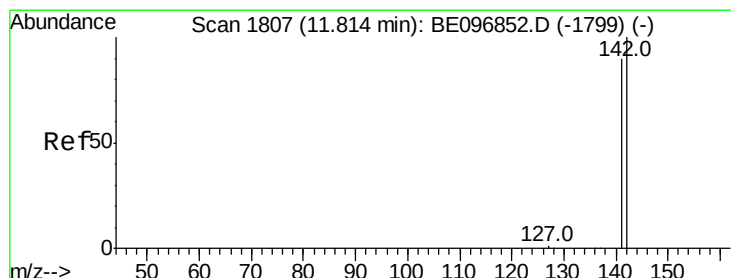
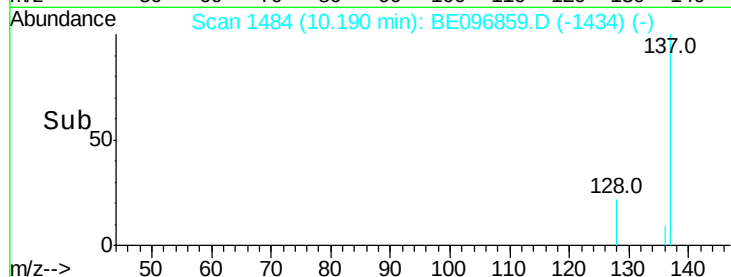
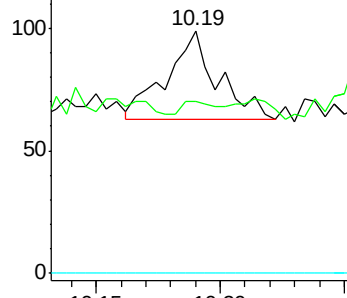
127 0.0 4.0 6.0#



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: 0.001 ng/ul

RT: 11.81 min Scan# 1808

Delta R.T. -0.01 min

Lab File: BE096859.D

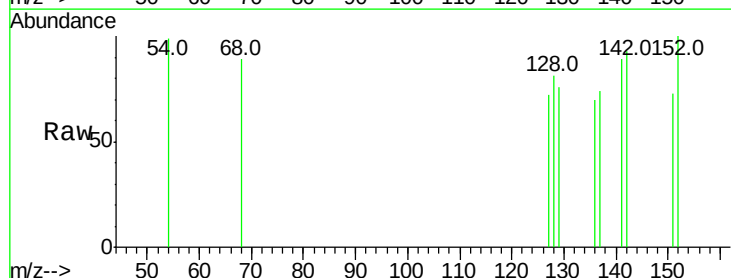
Acq: 6 Jul 2018 18:43

Tgt Ion:142 Resp: 38

Ion Ratio Lower Upper

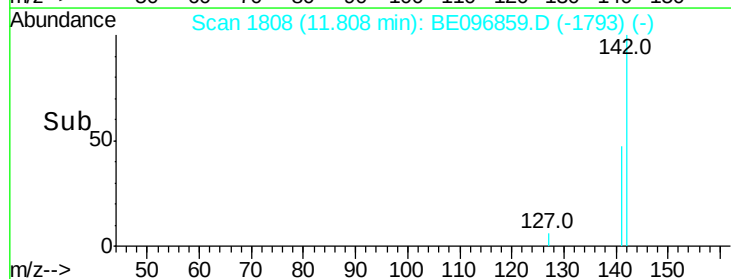
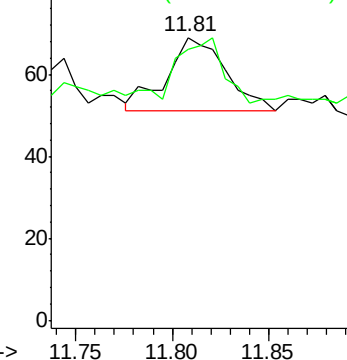
142 100

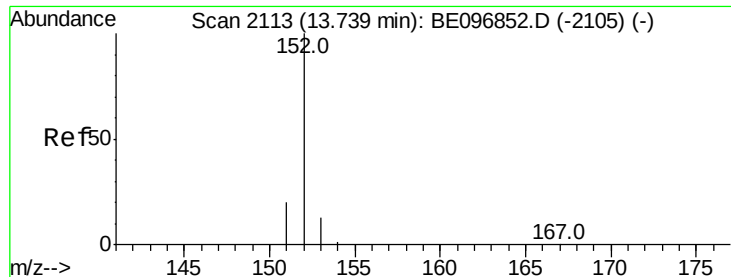
141 57.9 72.6 108.8#



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.005 ng/ul

RT: 13.72 min Scan# 2111

Delta R.T. -0.02 min

Lab File: BE096859.D

Acq: 6 Jul 2018 18:43

Instrument :

BNA_E

ClientSampleId :

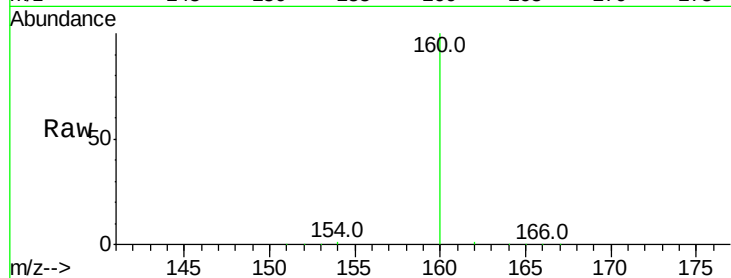
Tot Ion:152 Resp: 254

Ion Ratio Lower Upper

152 100

151 42.0 17.1 25.7#

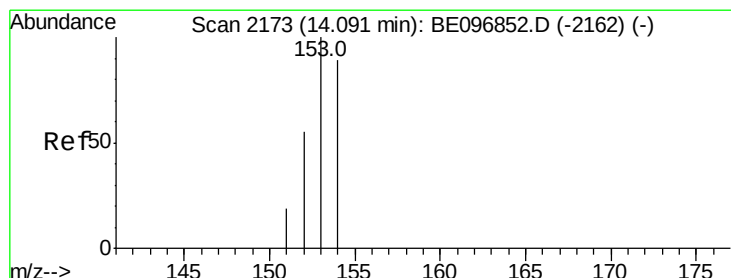
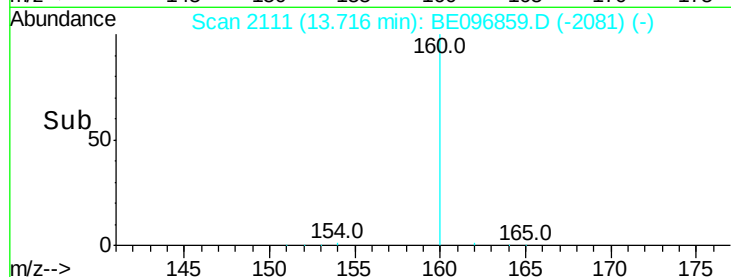
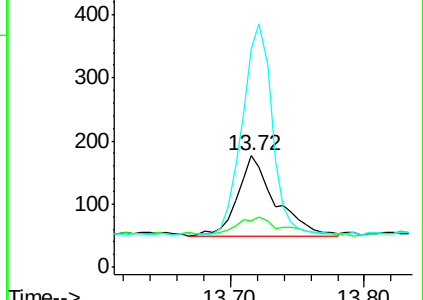
153 196.6 12.8 19.2#



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: 0.001 ng/ul

RT: 14.09 min Scan# 2174

Delta R.T. -0.01 min

Lab File: BE096859.D

Acq: 6 Jul 2018 18:43

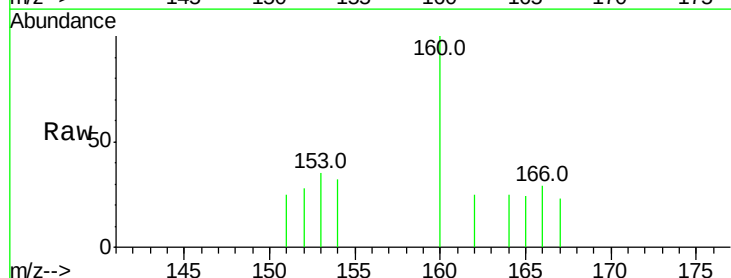
Tgt Ion:153 Resp: 62

Ion Ratio Lower Upper

153 100

152 80.0 36.0 54.0#

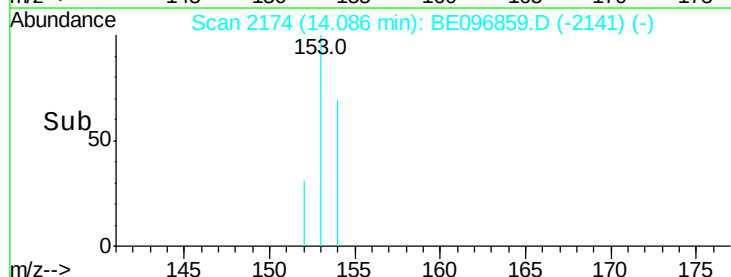
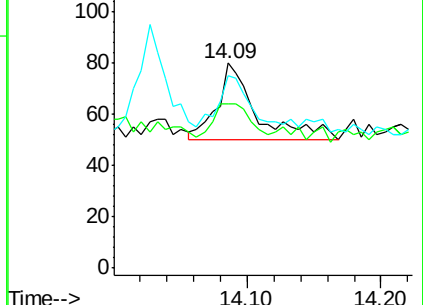
154 93.8 72.0 108.0

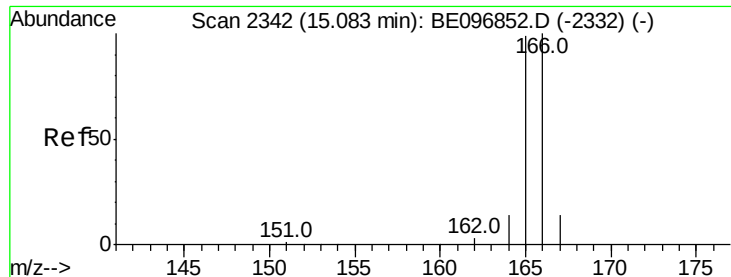


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 0.112 ng/ul

RT: 15.04 min Scan# 2336

Delta R.T. -0.05 min

Lab File: BE096859.D

Acq: 6 Jul 2018 18:43

Instrument :

BNA_E

ClientSampleId :

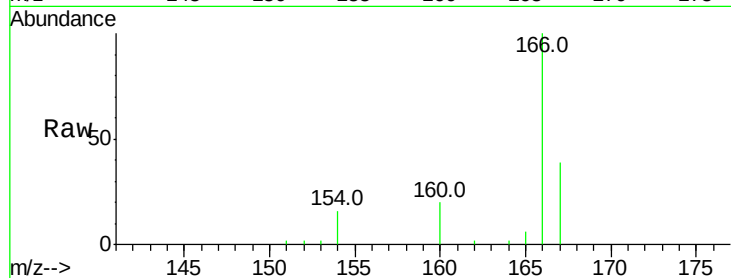
Tot Ion:166 Resp: 5091

Ion Ratio Lower Upper

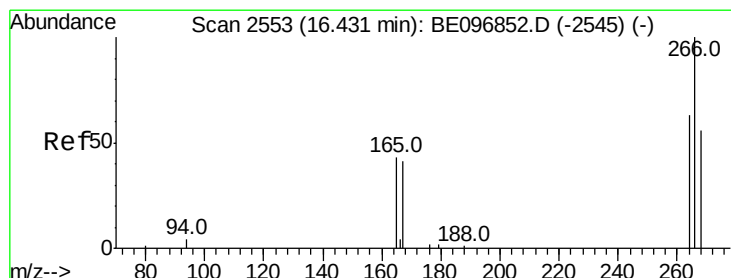
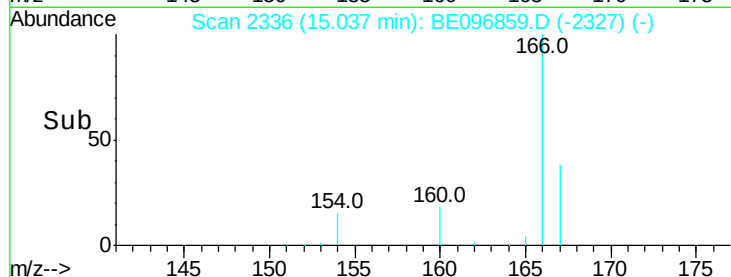
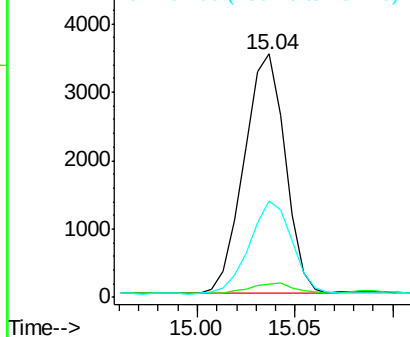
166 100

165 5.6 73.4 110.2#

167 39.4 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: 0.000 ng/ul

RT: 16.54 min Scan# 2571

Delta R.T. 0.11 min

Lab File: BE096859.D

Acq: 6 Jul 2018 18:43

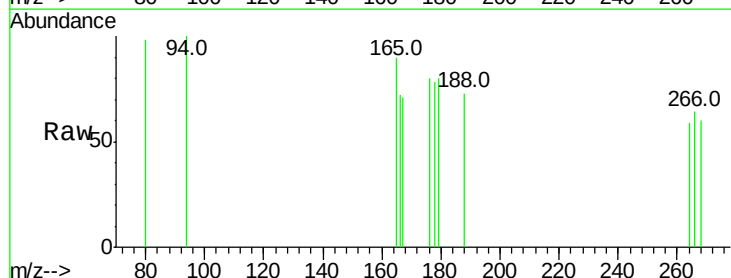
Tgt Ion:266 Resp: 7

Ion Ratio Lower Upper

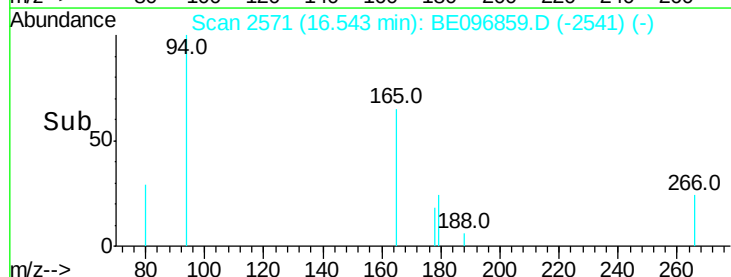
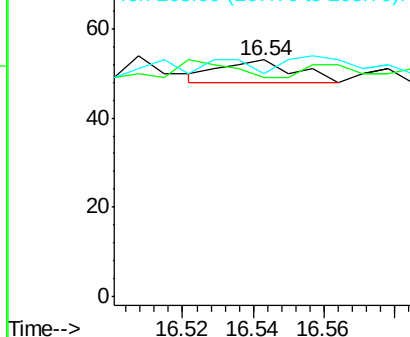
266 100

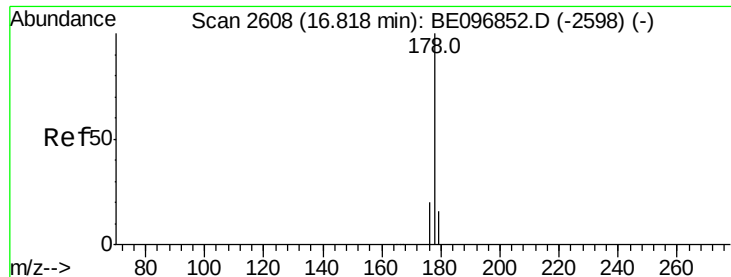
264 57.1 47.9 71.9

268 71.4 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: 0.000 ng/ul

RT: 16.88 min Scan# 2619

Delta R.T. 0.06 min

Lab File: BE096859.D

Acq: 6 Jul 2018 18:43

Instrument :

BNA_E

ClientSampleId :

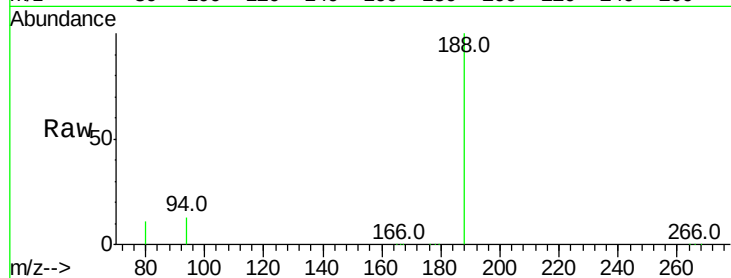
Tot Ion:178 Resp: 1551

Ion Ratio Lower Upper

178 100

179 277.8 18.4 27.6#

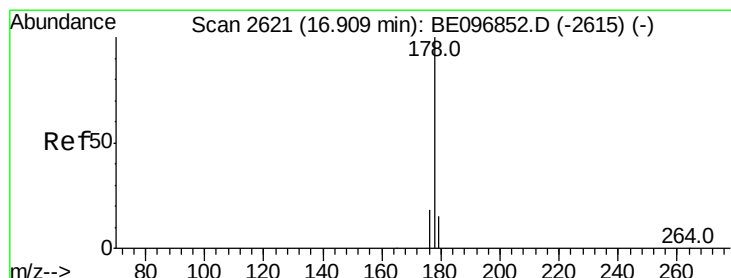
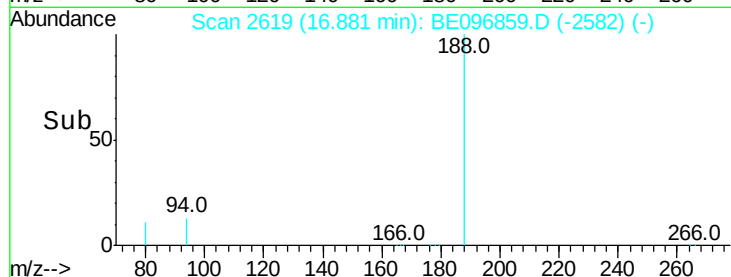
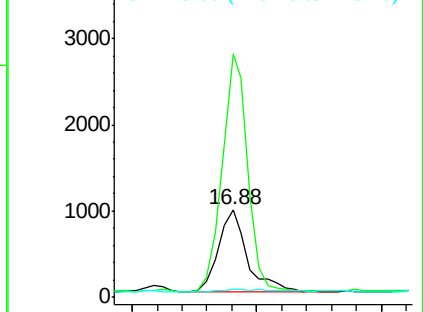
176 9.3 13.6 20.4#



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



#13

Anthracene

Concen: 0.000 ng/ul

RT: 17.02 min Scan# 2639

Delta R.T. 0.11 min

Lab File: BE096859.D

Acq: 6 Jul 2018 18:43

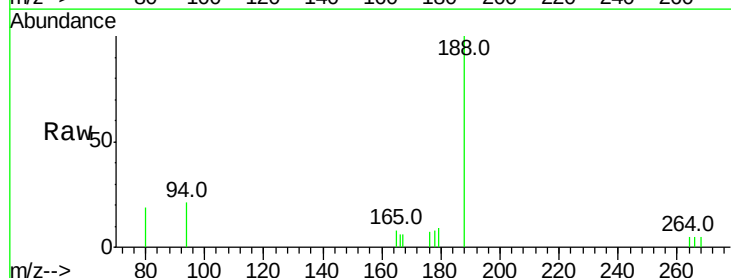
Tgt Ion:178 Resp: 22

Ion Ratio Lower Upper

178 100

179 111.7 18.1 27.1#

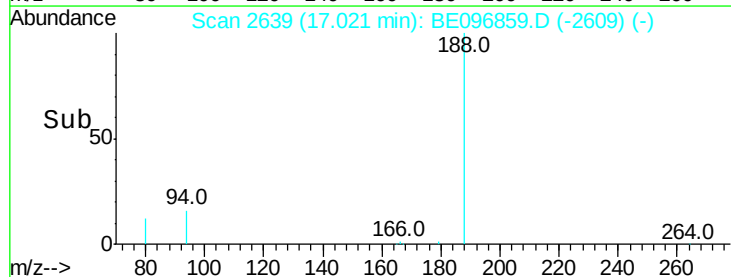
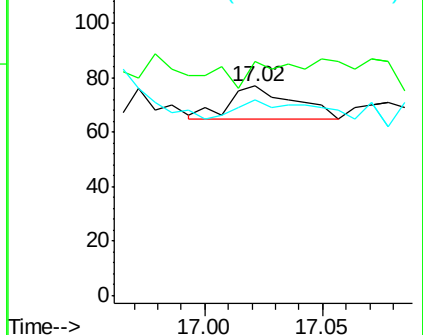
176 93.5 14.7 22.1#

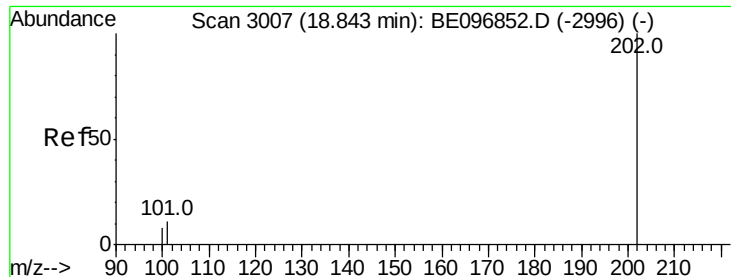


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#15

Fluoranthene

Concen: 0.000 ng/ul

RT: 18.96 min Scan# 3041

Delta R.T. 0.11 min

Lab File: BE096859.D

Acq: 6 Jul 2018 18:43

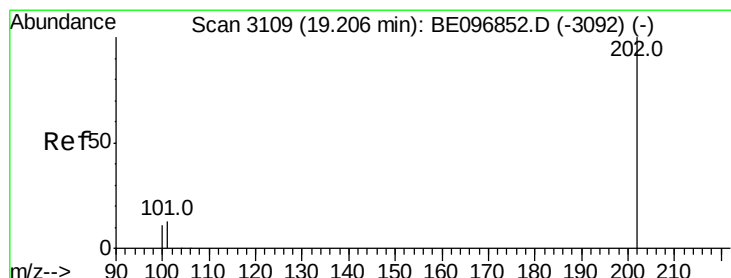
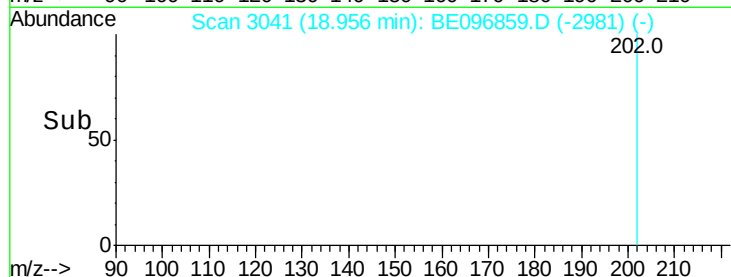
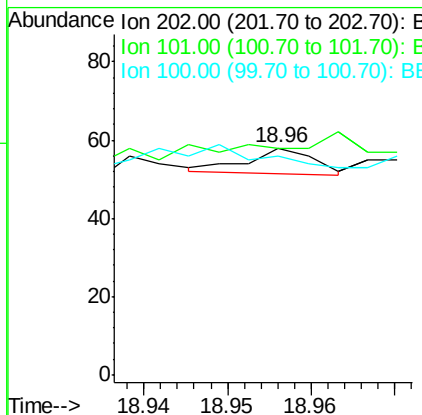
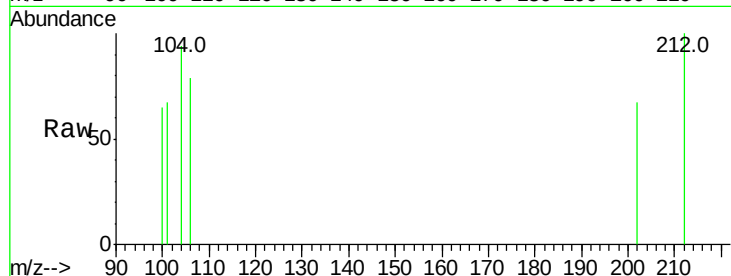
Instrument :

BNA_E

ClientSampleId :

Tot Ion:202 Resp: 4

Ion	Ratio	Lower	Upper
202	100		
101	100.0	0.0	30.3#
100	96.6	0.0	39.5#



#17

Pyrene

Concen: 88.139 ng/ul

RT: 19.19 min Scan# 3106

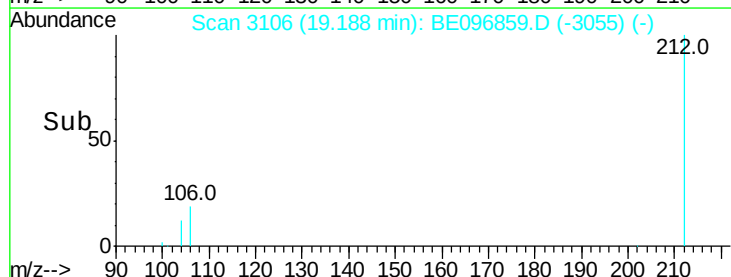
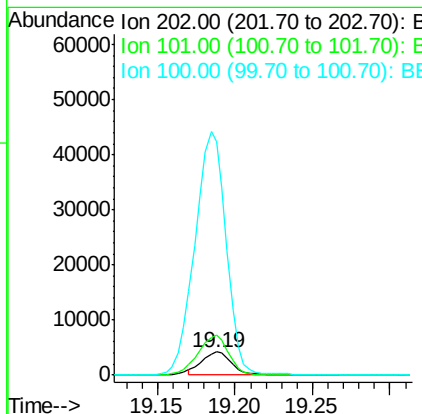
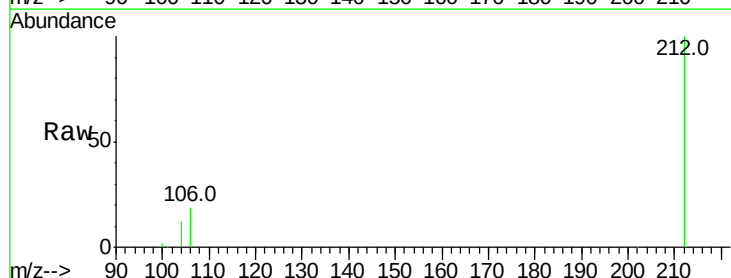
Delta R.T. -0.02 min

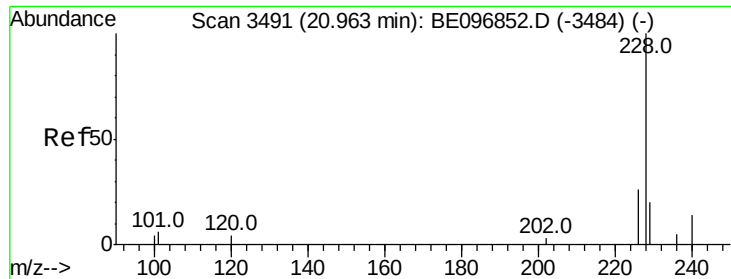
Lab File: BE096859.D

Acq: 6 Jul 2018 18:43

Tgt Ion:202 Resp: 5497

Ion	Ratio	Lower	Upper
202	100		
101	172.6	18.2	27.4#
100	1019.3	15.6	23.4#





#18

Benzo(a)anthracene

Concen: 0.112 ng/ul

RT: 21.15 min Scan# 3528

Delta R.T. 0.18 min

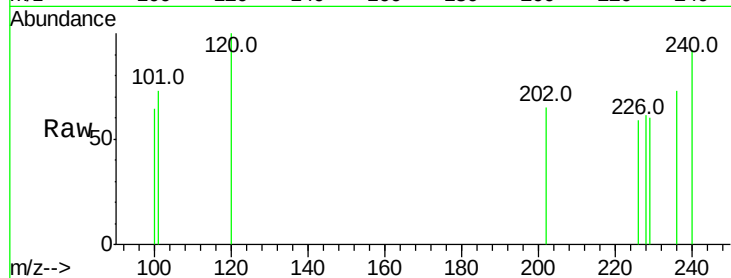
Lab File: BE096859.D

Acq: 6 Jul 2018 18:43

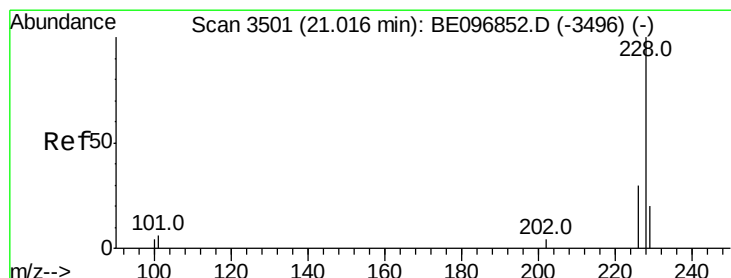
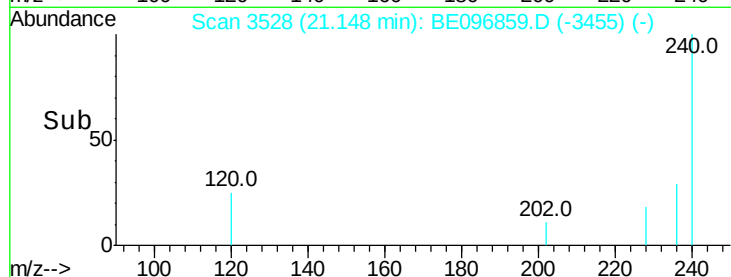
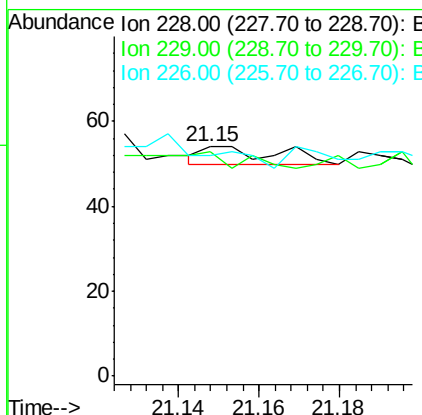
Instrument :

BNA_E

ClientSampleId :



Tot	Ion:228	Resp:	5
Ion	Ratio	Lower	Upper
228	100		
229	98.1	22.8	34.2#
226	96.3	17.0	25.6#



#19

Chrysene

Concen: 0.086 ng/ul

RT: 21.15 min Scan# 3528

Delta R.T. 0.13 min

Lab File: BE096859.D

Acq: 6 Jul 2018 18:43

Tgt	Ion:228	Resp:	5
Ion	Ratio	Lower	Upper
228	100		
226	96.3	23.4	35.0#
229	98.1	17.7	26.5#

