

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE121817\
 Data File : BE095014.D
 Acq On : 18 Dec 2017 17:39
 Operator : SJ/JU
 Sample : I6900-01DL 5X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 F9C00DL

Manual Integrations
 APPROVED

Sohil
 12/19/2017 4:59:30 PM

Quant Time: Dec 19 04:40:27 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE121817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 19 04:08:16 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.46	152	4348	0.40	ng/ul	0.00
2) Naphthalene-d8	11.29	136	14297	0.40	ng/ul	0.00
6) Acenaphthene-d10	15.05	164	8451	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.75	188	18918	0.40	ng/ul	0.00
16) Chrysene-d12	21.84	240	18887	0.40	ng/ul	0.00
20) Perylene-d12	24.50	264	18679	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.84	152	1791	0.08	ng/ul	0.00
14) Fluoranthene-d10	19.73	212	4802	0.08	ng/ul	0.00
Target Compounds				Qvalue		
3) Naphthalene	11.34	128	824	0.022	ng/ul#	69
7) Acenaphthylene	14.78	152	1033	0.027	ng/ul#	88
8) Acenaphthene	15.11	153	8601	0.290	ng/ul	94
9) Fluorene	16.07	166	7179	0.218	ng/ul	90
12) Phenanthrene	17.78	178	15433m	0.310	ng/ul	
13) Anthracene	17.85	178	1070m	0.023	ng/ul	
15) Fluoranthene	19.76	202	12741	0.196	ng/ul	84
17) Pyrene	20.11	202	3011	0.046	ng/ul	94

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

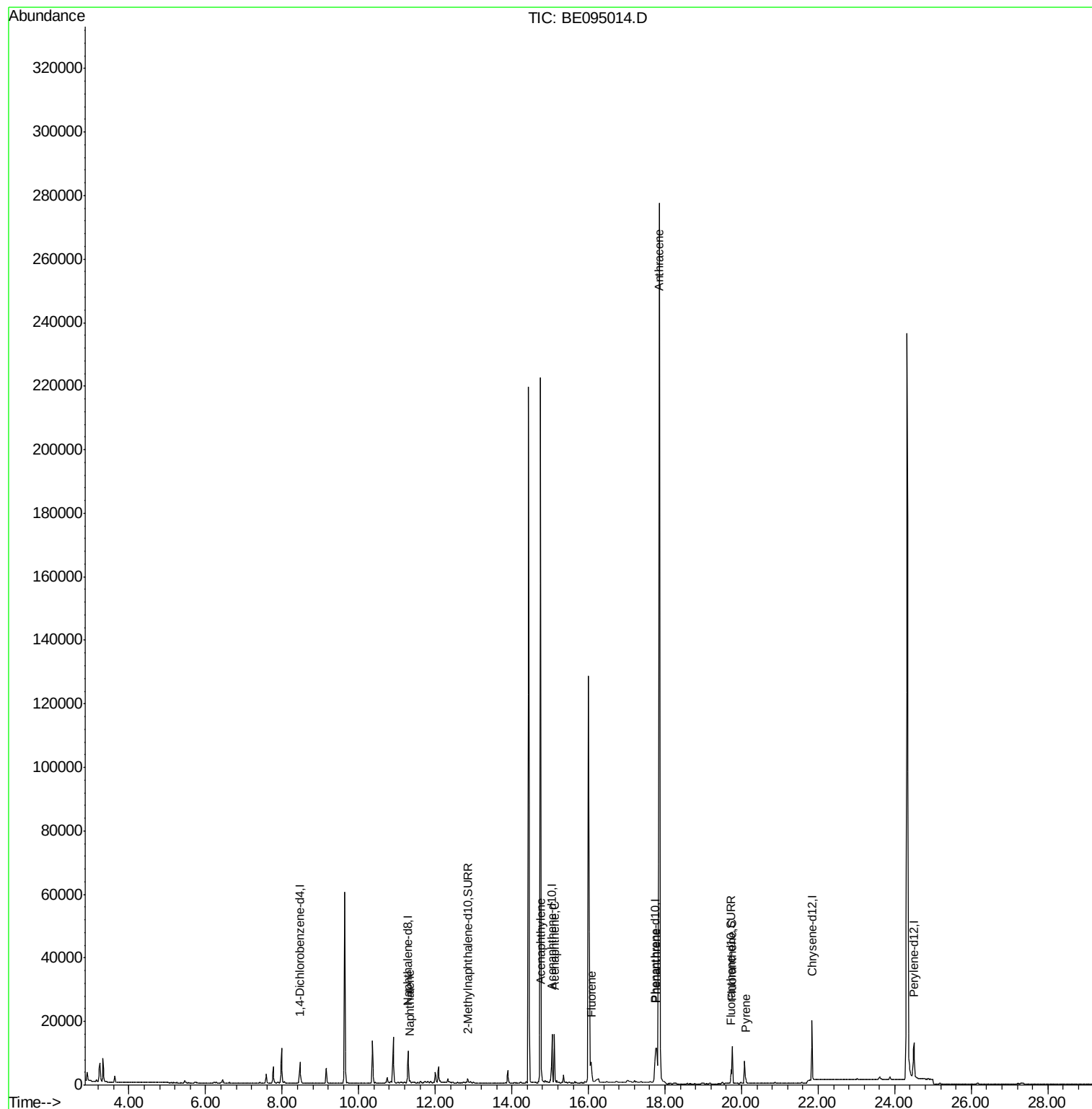
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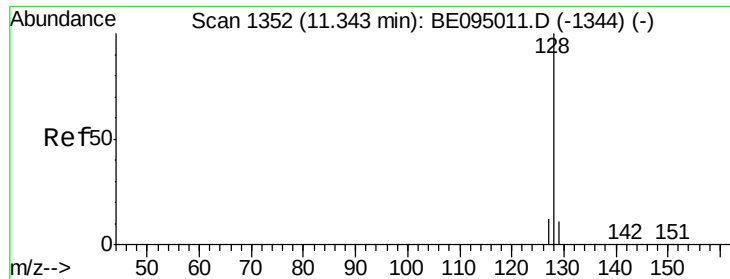
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#3

Naphthalene

Concen: 0.022 ng/ul

RT: 11.34 min Scan# 1352

Delta R.T. 0.00 min

Lab File: BE095014.D

Acq: 18 Dec 2017 17:39

Instrument :

BNA_E

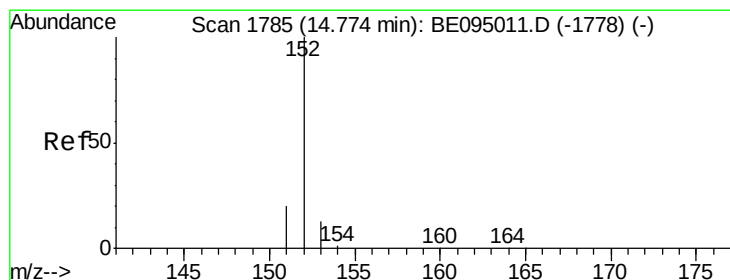
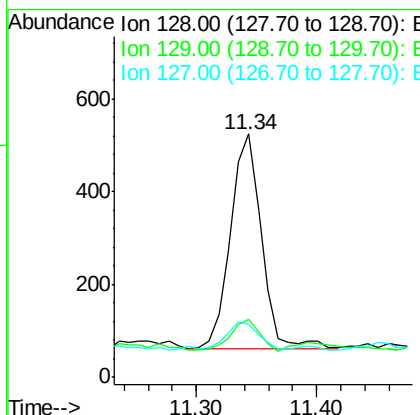
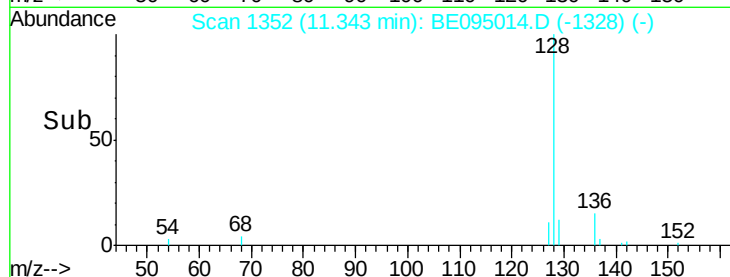
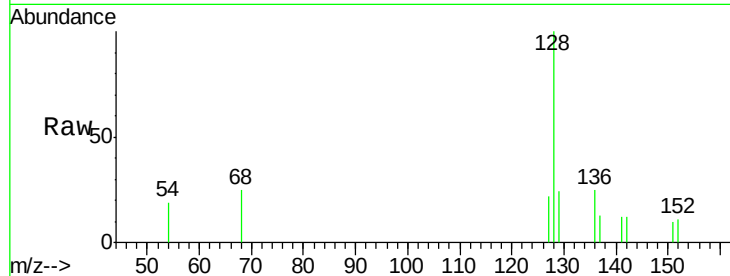
ClientSampleId :

F9C00DL

Tgt Ion:	128	Resp:	824
Ion Ratio	Lower	Upper	
128	100		
129	23.9	11.3	16.9#
127	21.8	4.0	6.0#

Manual Integrations
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#7

Acenaphthylene

Concen: 0.027 ng/ul

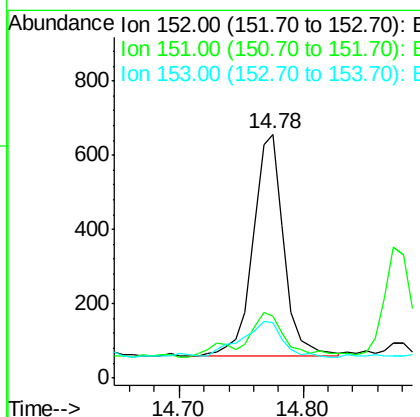
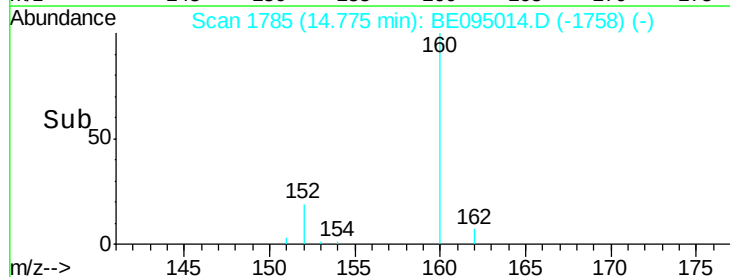
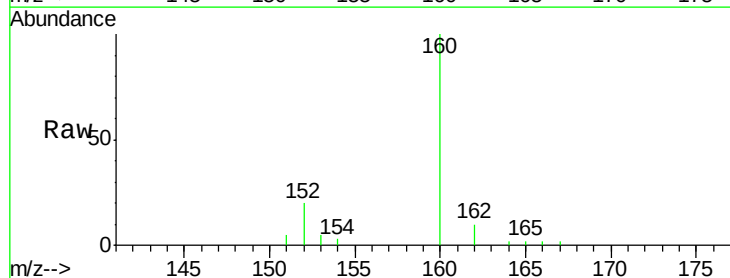
RT: 14.78 min Scan# 1785

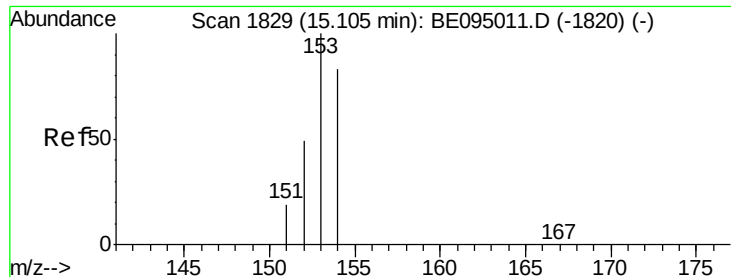
Delta R.T. 0.00 min

Lab File: BE095014.D

Acq: 18 Dec 2017 17:39

Tgt Ion:	152	Resp:	1033
Ion Ratio	Lower	Upper	
152	100		
151	25.3	17.1	25.7
153	22.7	12.8	19.2#





#8

Acenaphthene

Concen: 0.290 ng/ul

RT: 15.11 min Scan# 1829

Delta R.T. 0.00 min

Lab File: BE095014.D

Acq: 18 Dec 2017 17:39

Instrument :

BNA_E

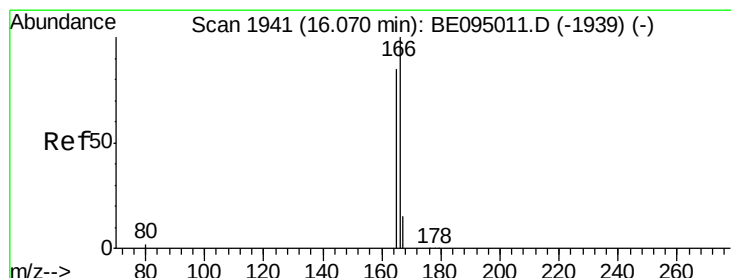
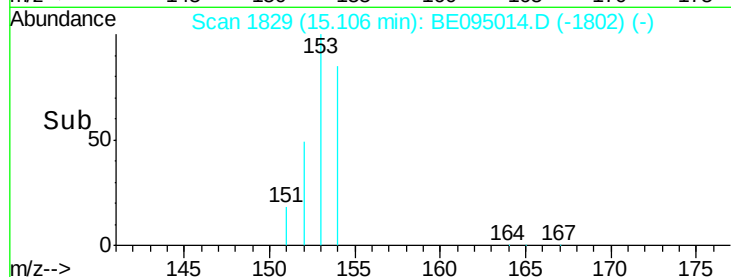
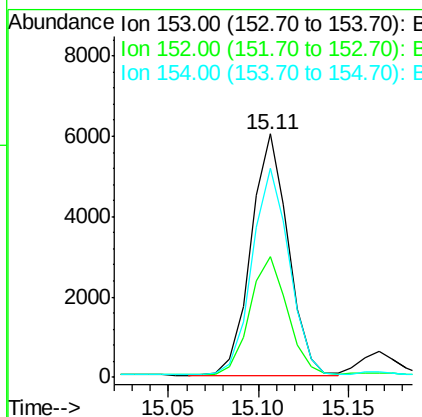
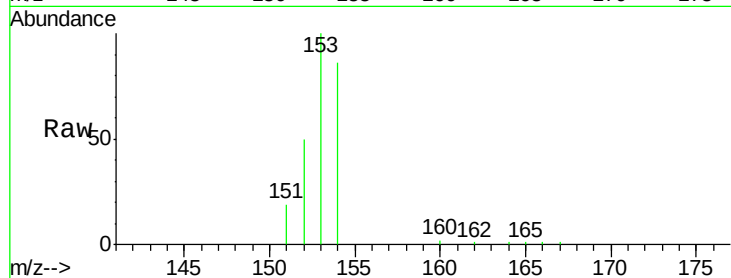
ClientSampleId :

F9C00DL

Tgt Ion:	153	Resp:	8601
Ion Ratio	Lower	Upper	
153	100		
152	49.8	36.0	54.0
154	85.6	72.0	108.0

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#9

Fluorene

Concen: 0.218 ng/ul

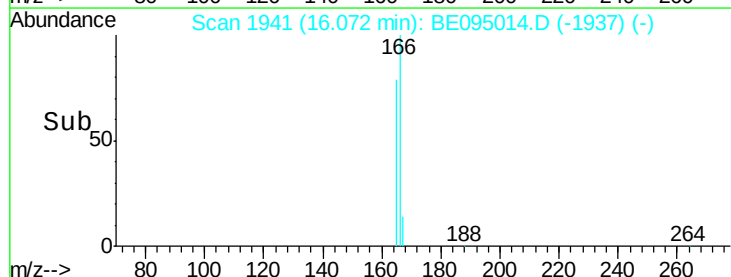
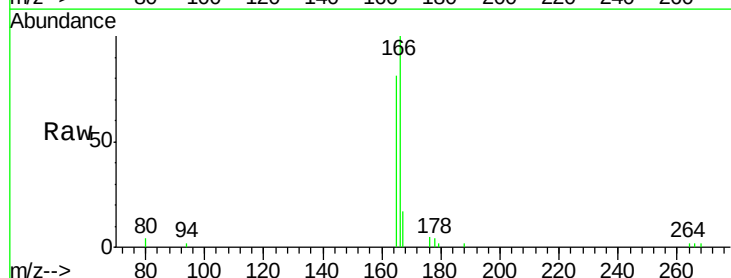
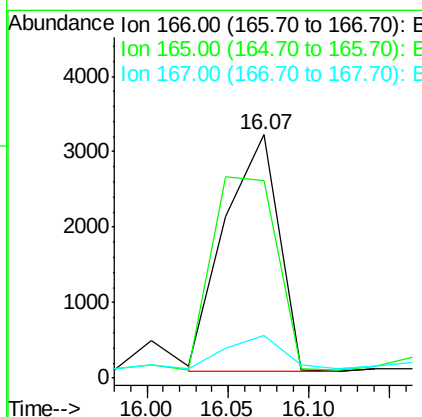
RT: 16.07 min Scan# 1941

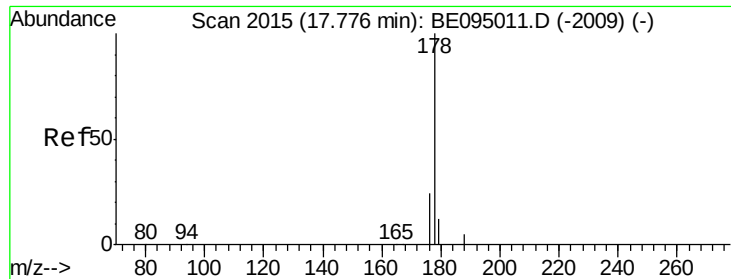
Delta R.T. 0.00 min

Lab File: BE095014.D

Acq: 18 Dec 2017 17:39

Tgt Ion:	166	Resp:	7179
Ion Ratio	Lower	Upper	
166	100		
165	81.1	73.4	110.2
167	17.4	14.6	22.0





#12

Phenanthrene

Concen: 0.310 ng/ul m

RT: 17.78 min Scan# 2015

Delta R.T. 0.00 min

Lab File: BE095014.D

Acq: 18 Dec 2017 17:39

Instrument :

BNA_E

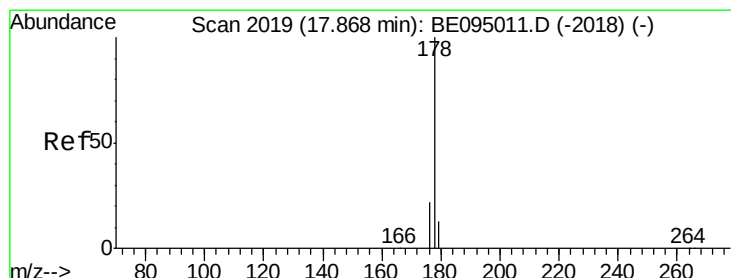
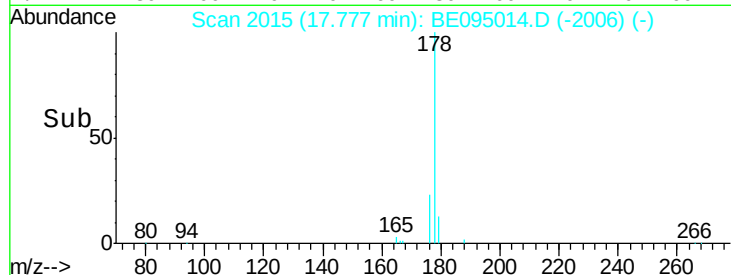
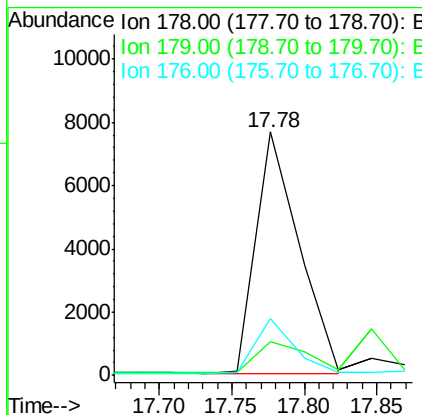
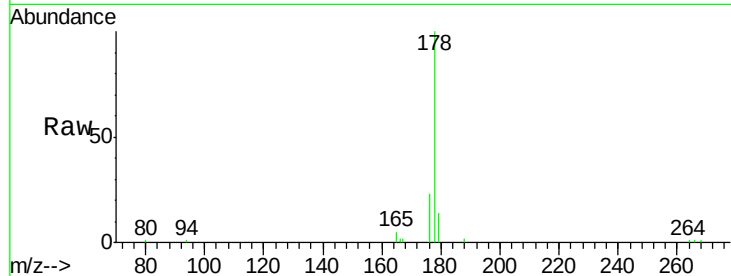
ClientSampleId :

F9C00DL

Tgt Ion:	178	Resp:	15433
Ion Ratio	Lower	Upper	
178	100		
179	13.9	18.4	27.6#
176	23.3	13.6	20.4#

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#13

Anthracene

Concen: 0.023 ng/ul m

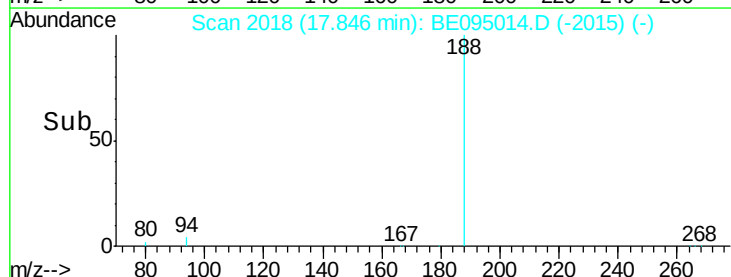
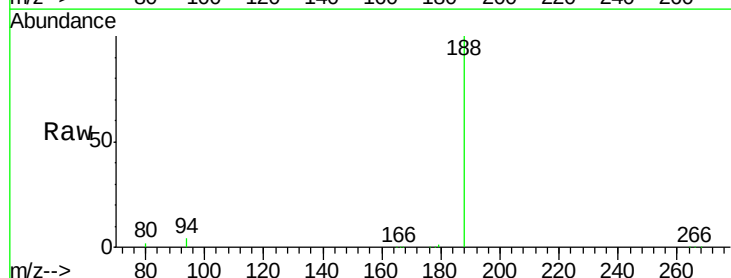
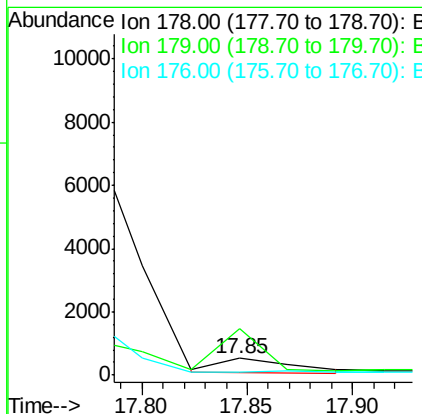
RT: 17.85 min Scan# 2018

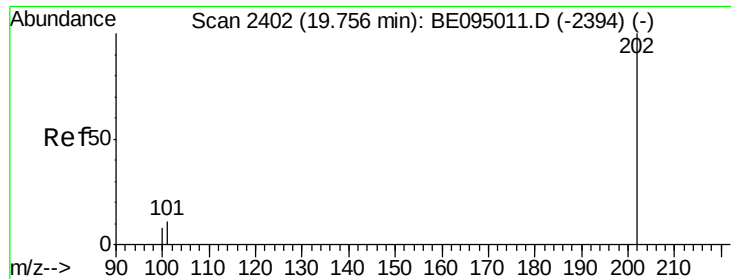
Delta R.T. -0.02 min

Lab File: BE095014.D

Acq: 18 Dec 2017 17:39

Tgt Ion:	178	Resp:	1070
Ion Ratio	Lower	Upper	
178	100		
179	276.0	18.1	27.1#
176	18.2	14.7	22.1





#15

Fluoranthene

Concen: 0.196 ng/ul

RT: 19.76 min Scan# 2402

Delta R.T. 0.00 min

Lab File: BE095014.D

Acq: 18 Dec 2017 17:39

Instrument :

BNA_E

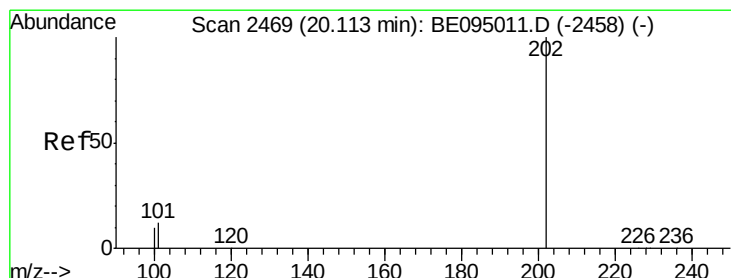
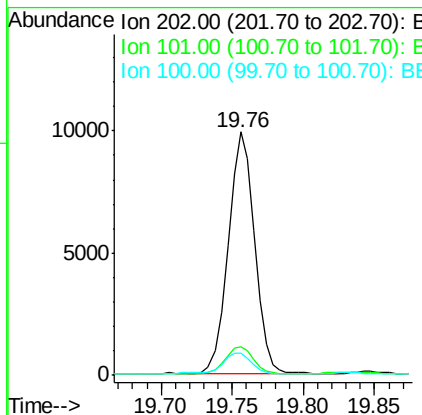
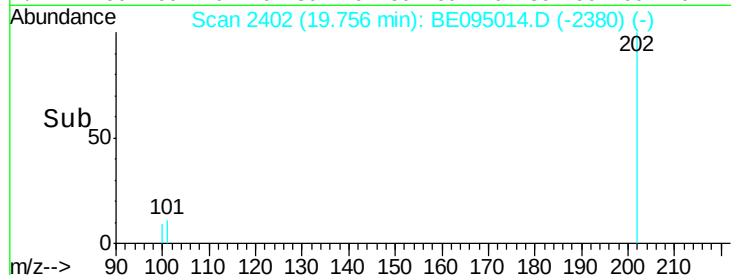
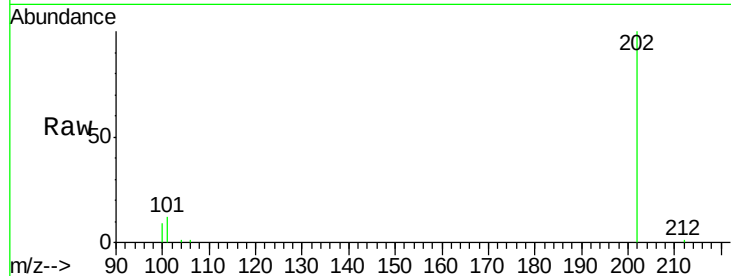
ClientSampled :

F9C00DL

Tgt Ion:	202	Resp:	12741
Ion Ratio	Lower	Upper	
202	100		
101	11.6	0.0	30.3
100	9.2	0.0	39.5

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#17

Pyrene

Concen: 0.046 ng/ul

RT: 20.11 min Scan# 2468

Delta R.T. -0.01 min

Lab File: BE095014.D

Acq: 18 Dec 2017 17:39

Tgt Ion:	202	Resp:	3011
Ion Ratio	Lower	Upper	
202	100		
101	18.7	18.2	27.4
100	18.4	15.6	23.4

