

Data Path : Z:\HPCHEM1\BNA E\DATA\BE031418\
 Data File : BE095792.D
 Acq On : 15 Mar 2018 7:58
 Operator : SJ/JU
 Sample : J1835-14
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 F6F13

Manual Integrations
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Quant Time: Mar 15 09:16:27 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE031318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 15 05:35:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.44	152	2344	0.40	ng/ul	0.02
2) Naphthalene-d8	11.27	136	7143	0.40	ng/ul	0.02
6) Acenaphthene-d10	15.02	164	3992	0.40	ng/ul	0.02
10) Phenanthrene-d10	17.73	188	7828m	0.40	ng/ul	0.02
16) Chrysene-d12	21.83	240	7904m	0.40	ng/ul	0.03
20) Perylene-d12	24.50	264	8820m	0.40	ng/ul	0.07
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.82	152	3022	0.25	ng/ul	0.02
14) Fluoranthene-d10	19.71	212	7451m	0.30	ng/ul	0.02
Target Compounds						
3) Naphthalene	11.32	128	19818	0.994	ng/ul#	89
5) 2-Methylnaphthalene	12.89	142	36252	2.615	ng/ul	100
8) Acenaphthene	15.09	153	1545	0.102	ng/ul#	69
12) Phenanthrene	17.77	178	97361m	4.153	ng/ul	
13) Anthracene	17.87	178	10075m	0.460	ng/ul	
15) Fluoranthene	19.74	202	19912m	0.701	ng/ul	
17) Pyrene	20.09	202	94074	3.134	ng/ul#	77
18) Benzo(a)anthracene	21.81	228	31998m	1.255	ng/ul	
19) Chrysene	21.86	228	59340m	2.285	ng/ul	
21) Benzo(b)fluoranthene	23.67	252	15284m	0.500	ng/ul	
23) Benzo(a)pyrene	24.37	252	24208m	0.868	ng/ul	
24) Indeno(1,2,3-cd)pyrene	27.36	276	10724	0.347	ng/ul#	70
25) Dibenzo(a,h)anthracene	27.36	278	6459m	0.261	ng/ul	
26) Benzo(g,h,i)perylene	28.26	276	34525	1.299	ng/ul#	82

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

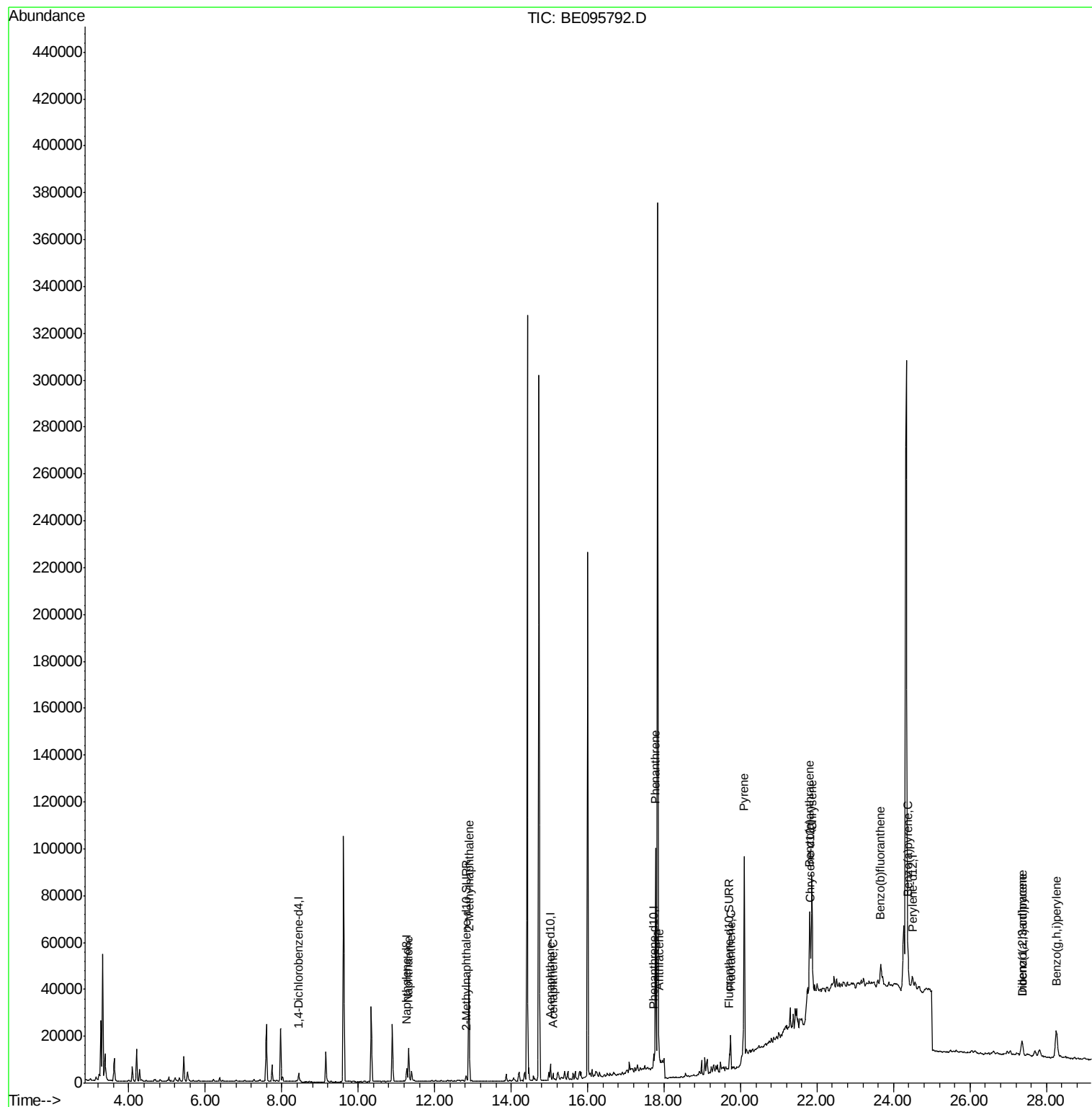
Data Path : Z:\HPCHEM1\BNA E\DATA\BE031418\
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ALS Vial : 36 Sample Multiplier: 1

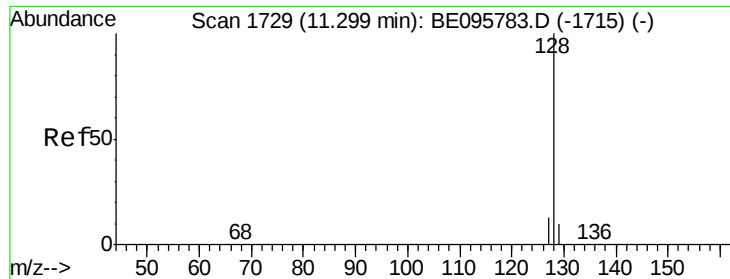
Instrument :
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#3

Naphthalene

Concen: 0.994 ng/ul

RT: 11.32 min Scan# 1732

Delta R.T. 0.02 min

Lab File: BE095792.D

Acq: 15 Mar 2018 7:58

Instrument :

BNA_E

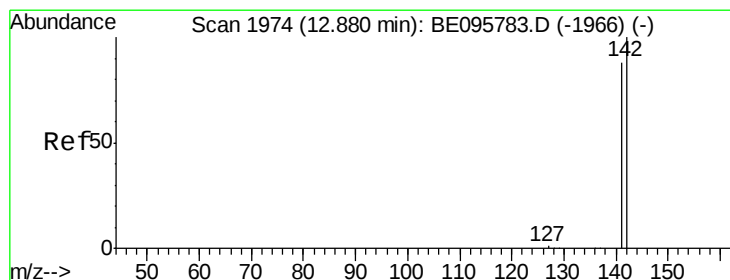
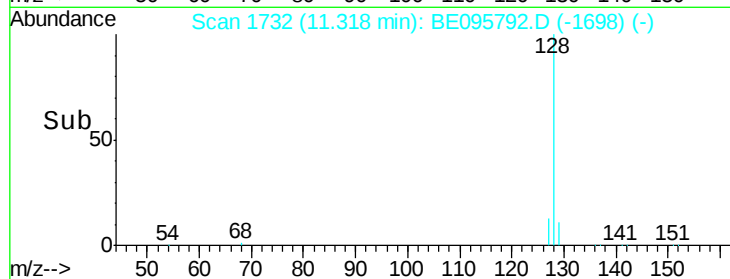
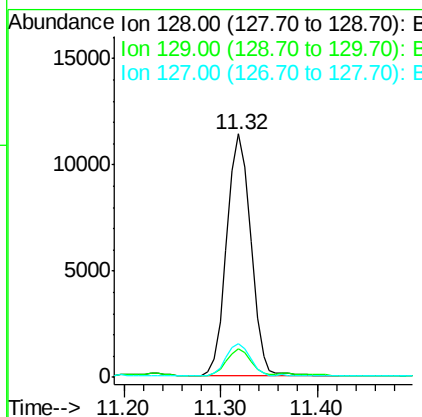
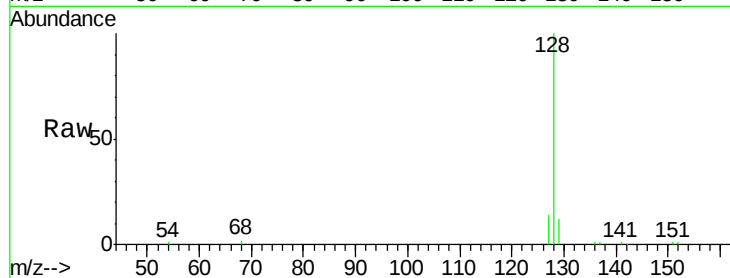
ClientSampleId :

F6F13

Tot Ion:	128	Resp:	19818
Ion Ratio	Lower	Upper	
128	100		
129	11.9	11.3	16.9
127	13.8	4.0	6.0#

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#5

2-Methylnaphthalene

Concen: 2.615 ng/ul

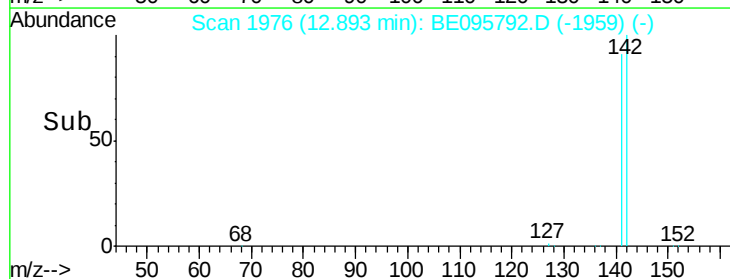
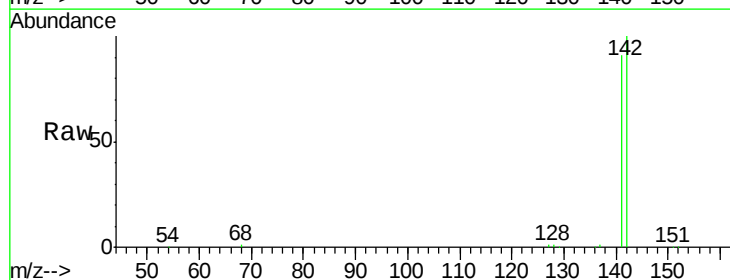
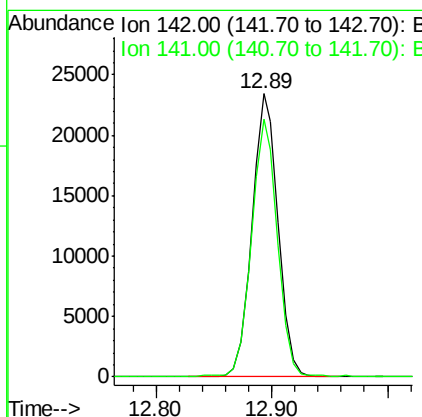
RT: 12.89 min Scan# 1976

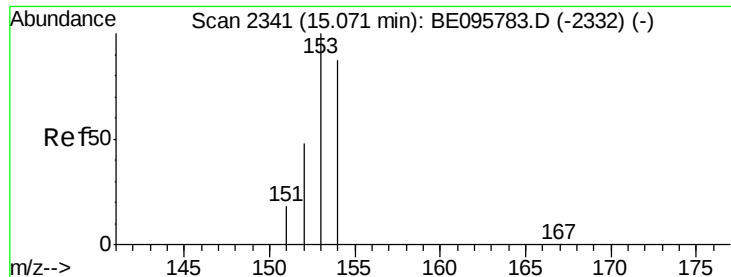
Delta R.T. 0.01 min

Lab File: BE095792.D

Acq: 15 Mar 2018 7:58

Tgt Ion:	142	Resp:	36252
Ion Ratio	Lower	Upper	
142	100		
141	90.7	72.6	108.8





#8

Acenaphthene

Concen: 0.102 ng/ul

RT: 15.09 min Scan# 2344

Delta R.T. 0.02 min

Lab File: BE095792.D

Acq: 15 Mar 2018 7:58

Instrument :

BNA_E

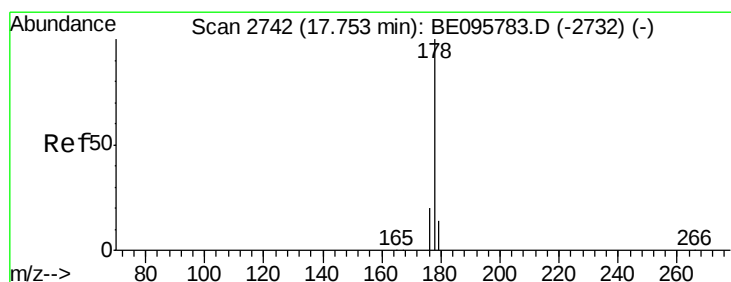
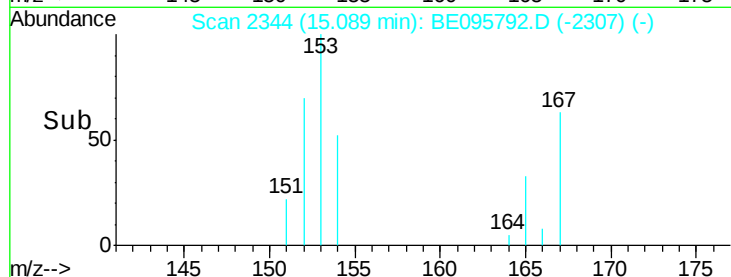
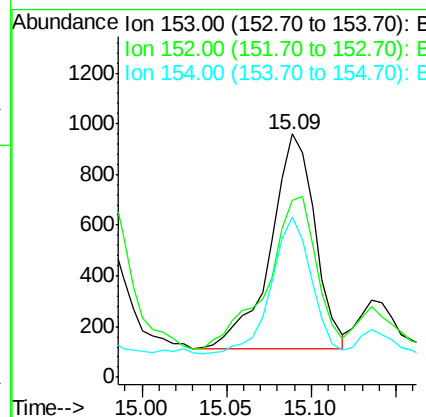
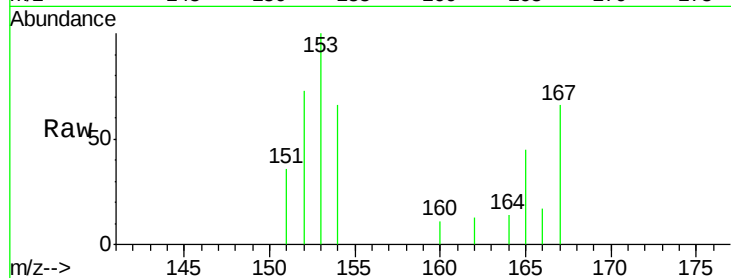
ClientSampled :

F6F13

Tot Ion:153	Resp:	1545
Ion Ratio	Lower	Upper
153	100	
152	72.6	36.0 54.0#
154	66.0	72.0 108.0#

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#12

Phenanthrene

Concen: 4.153 ng/ul m

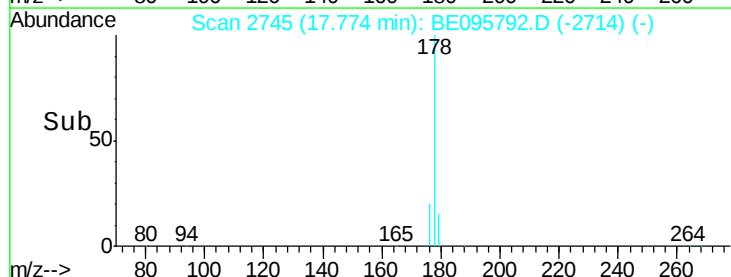
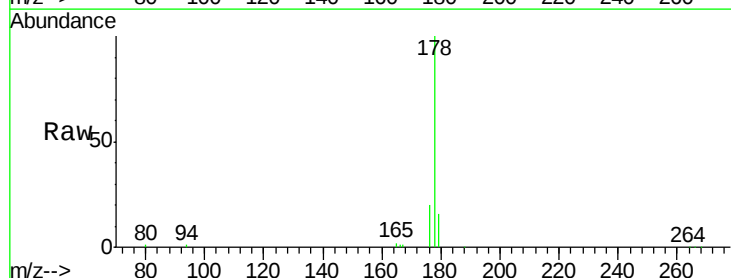
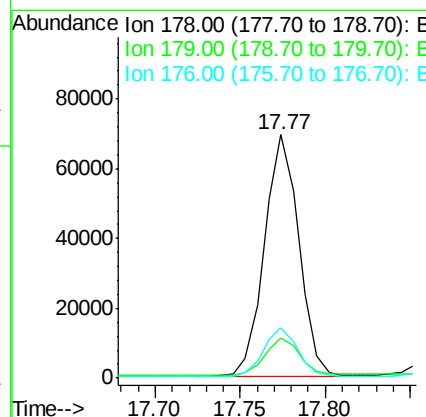
RT: 17.77 min Scan# 2745

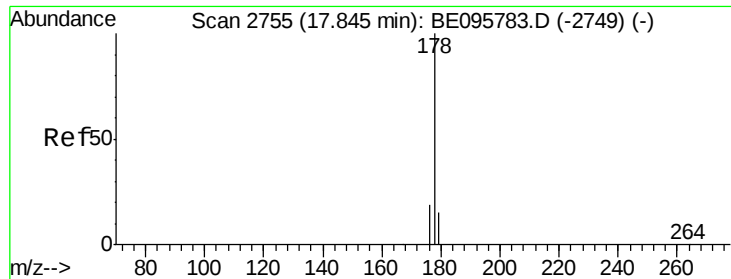
Delta R.T. 0.02 min

Lab File: BE095792.D

Acq: 15 Mar 2018 7:58

Tgt Ion:178	Resp:	97361
Ion Ratio	Lower	Upper
178	100	
179	16.3	18.4 27.6#
176	20.5	13.6 20.4#





#13

Anthracene

Concen: 0.460 ng/ul m

RT: 17.87 min Scan# 2758

Delta R.T. 0.02 min

Lab File: BE095792.D

Acq: 15 Mar 2018 7:58

Instrument :

BNA_E

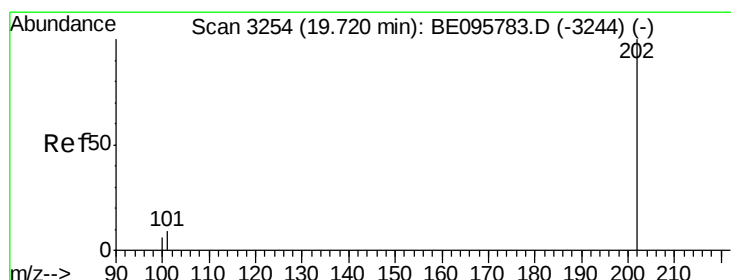
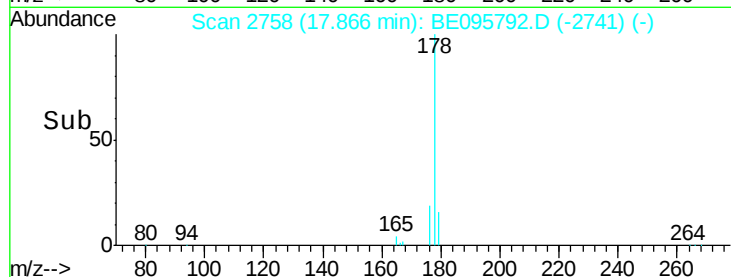
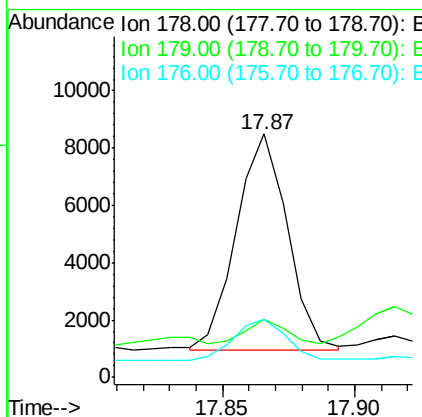
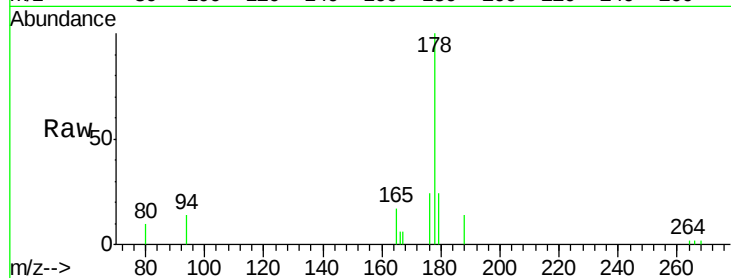
ClientSampleId :

F6F13

Tot Ion:	178	Resp:	10075
Ion Ratio	Lower	Upper	
178	100		
179	23.6	18.1	27.1
176	24.1	14.7	22.1#

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#15

Fluoranthene

Concen: 0.701 ng/ul m

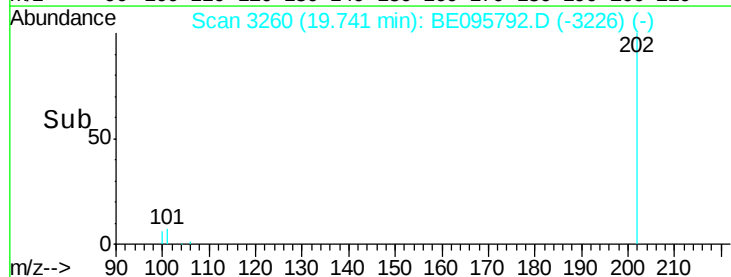
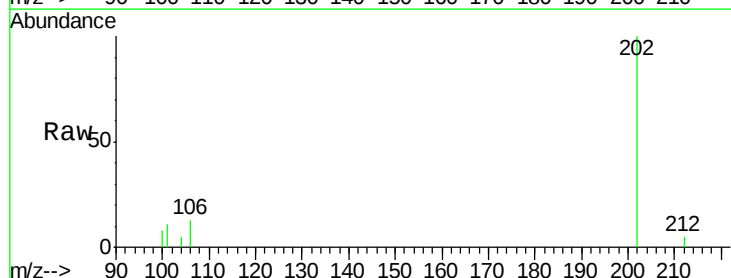
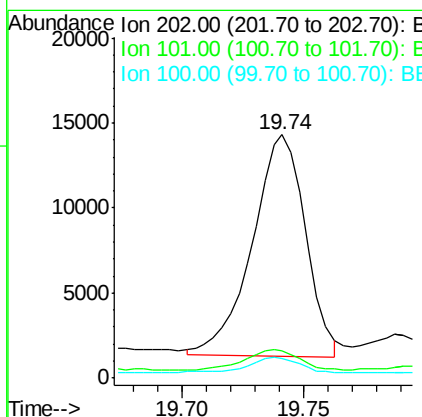
RT: 19.74 min Scan# 3260

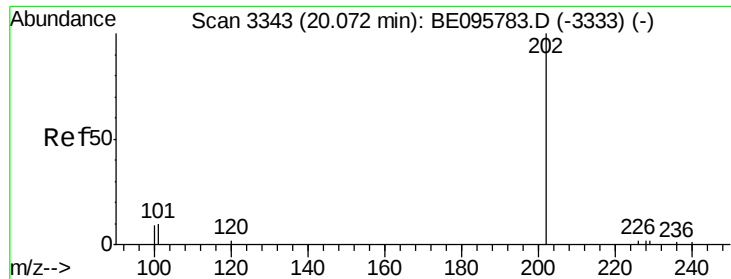
Delta R.T. 0.02 min

Lab File: BE095792.D

Acq: 15 Mar 2018 7:58

Tgt Ion:	202	Resp:	19912
Ion Ratio	Lower	Upper	
202	100		
101	11.2	0.0	30.3
100	8.1	0.0	39.5





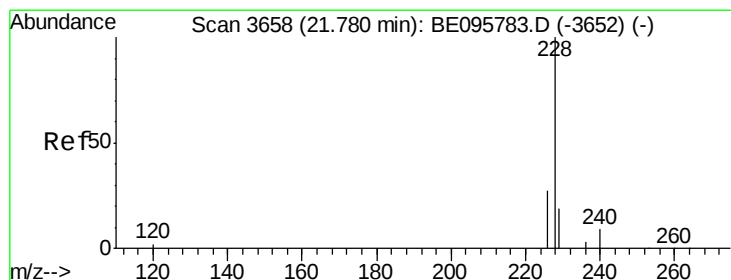
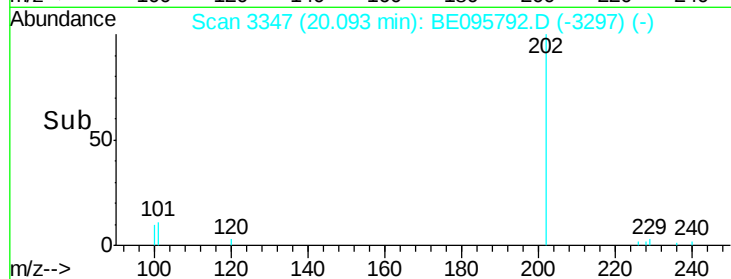
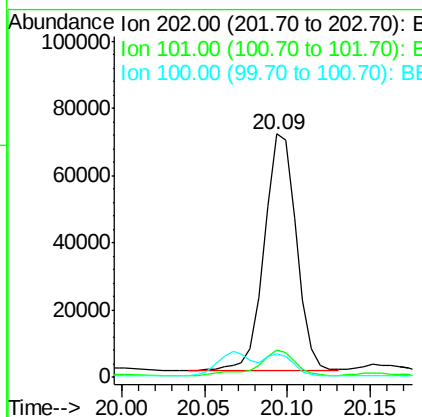
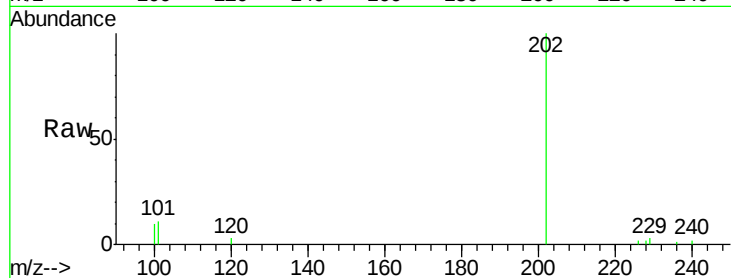
#17
Pvrene
Concen: 3.134 ng/ul
RT: 20.09 min Scan# 3347
Delta R.T. 0.02 min
Lab File: BE095792.D
Acq: 15 Mar 2018 7:58

Instrument :
BNA_E
ClientSampleId :
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Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	11.2	18.2	27.4#
100	9.8	15.6	23.4#

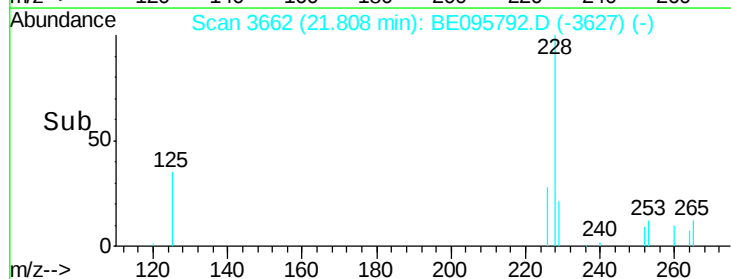
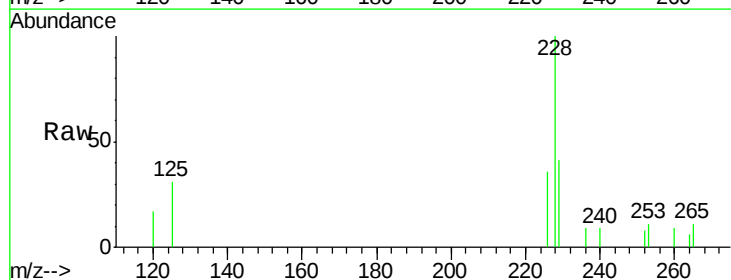
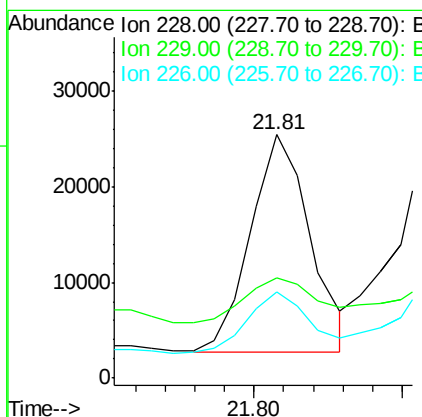
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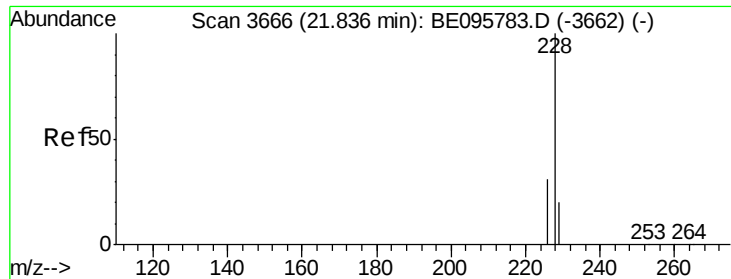
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#18
Benzo(a)anthracene
Concen: 1.255 ng/ul m
RT: 21.81 min Scan# 3662
Delta R.T. 0.03 min
Lab File: BE095792.D
Acq: 15 Mar 2018 7:58

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	41.0	22.8	34.2#
226	35.6	17.0	25.6#





#19

Chrysene

Concen: 2.285 ng/ul m

RT: 21.86 min Scan# 3670

Delta R.T. 0.03 min

Lab File: BE095792.D

Acq: 15 Mar 2018 7:58

Instrument :

BNA_E

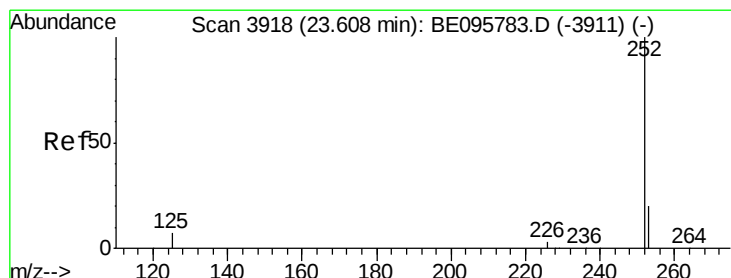
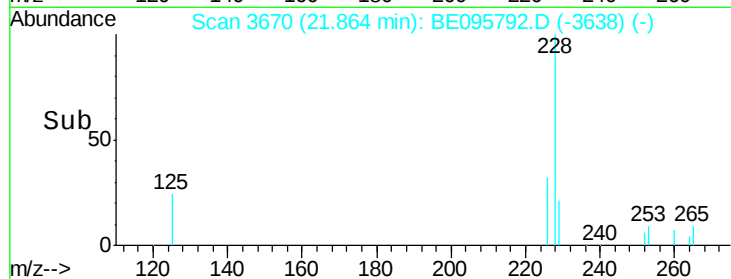
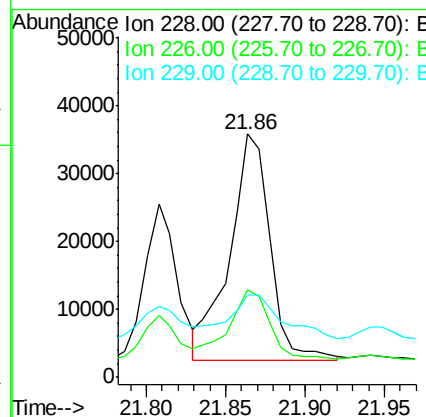
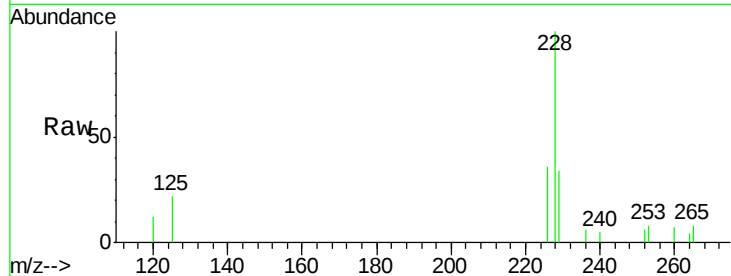
ClientSampleId :

F6F13

Tot Ion:	228	Resp:	59340
Ion Ratio	Lower	Upper	
228	100		
226	36.1	23.4	35.0#
229	33.9	17.7	26.5#

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#21

Benzo(b)fluoranthene

Concen: 0.500 ng/ul m

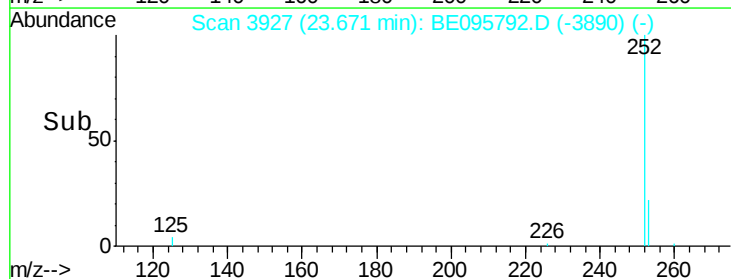
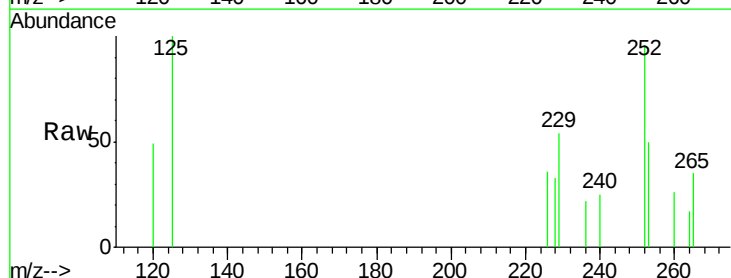
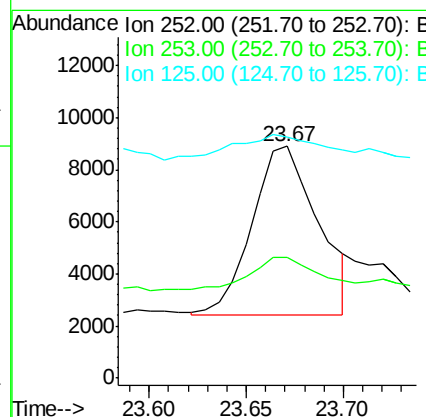
RT: 23.67 min Scan# 3927

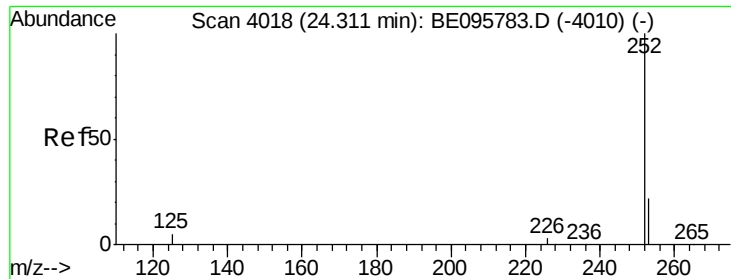
Delta R.T. 0.06 min

Lab File: BE095792.D

Acq: 15 Mar 2018 7:58

Tgt Ion:	252	Resp:	15284
Ion Ratio	Lower	Upper	
252	100		
253	52.2	0.0	64.2
125	103.9	0.0	35.0#





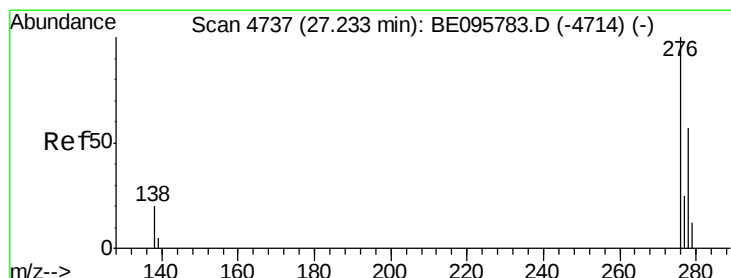
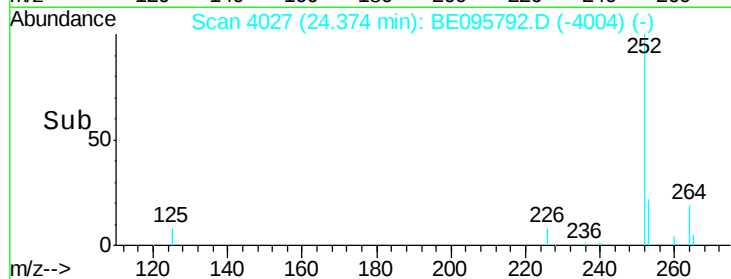
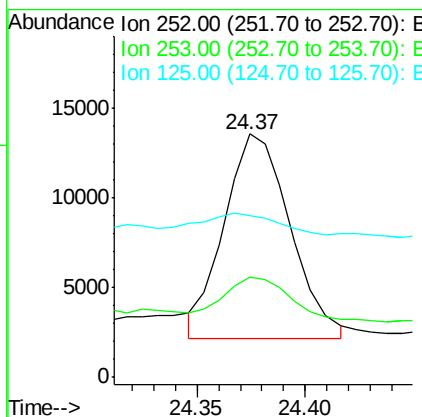
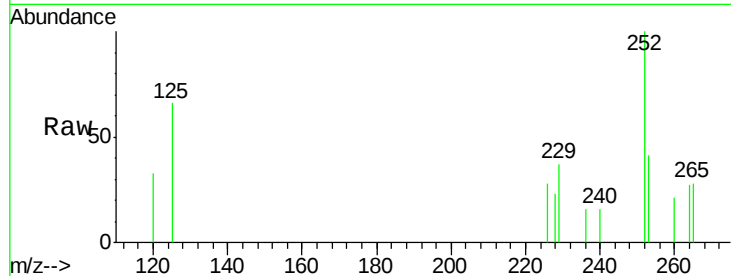
#23
Benzo(a)pyrene
Concen: 0.868 ng/ul m
RT: 24.37 min Scan# 4027
Delta R.T. 0.06 min
Lab File: BE095792.D
Acq: 15 Mar 2018 7:58

Instrument :
BNA_E
ClientSampleId :
F6F13

Tot Ion	Ratio	Lower	Upper
252	100		
253	41.3	28.5	42.7
125	66.2	18.1	27.1#

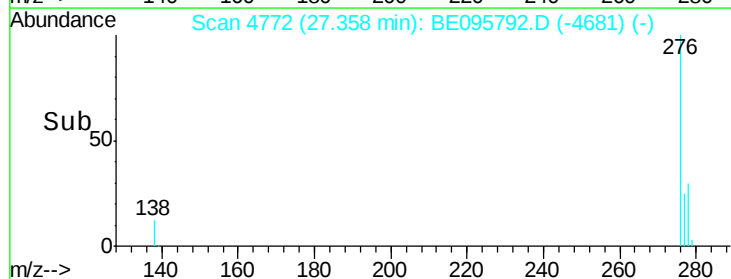
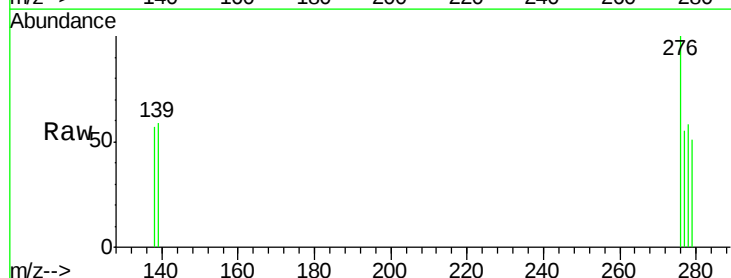
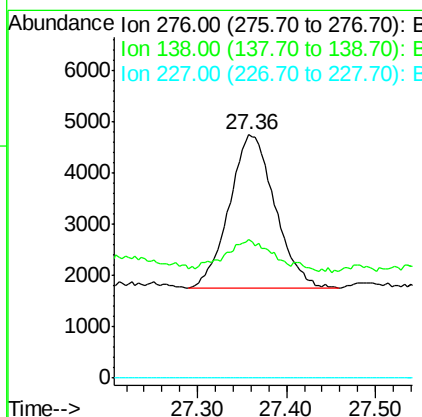
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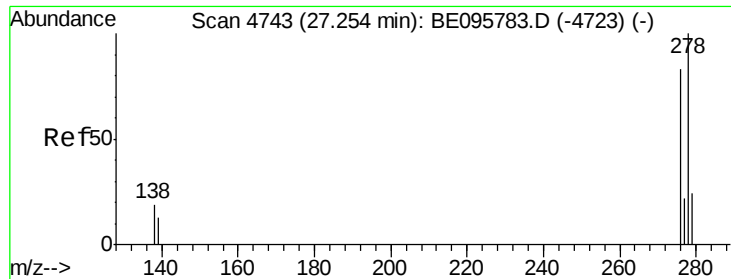
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#24
Indeno(1,2,3-cd)pyrene
Concen: 0.347 ng/ul
RT: 27.36 min Scan# 4772
Delta R.T. 0.13 min
Lab File: BE095792.D
Acq: 15 Mar 2018 7:58

Tgt Ion	Ratio	Lower	Upper
276	100		
138	17.3	28.0	42.0#
227	0.0	8.0	12.0#





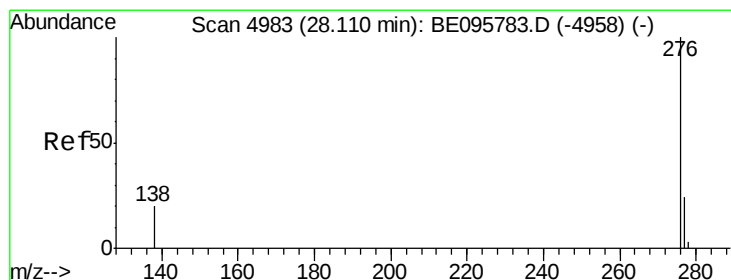
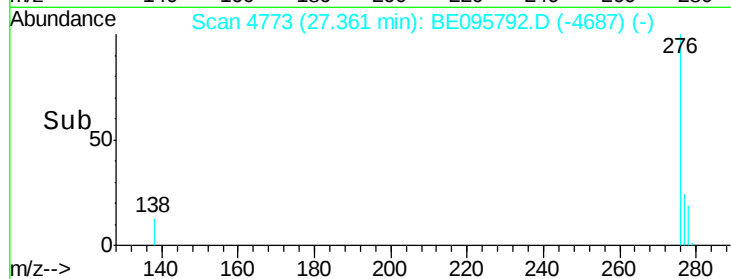
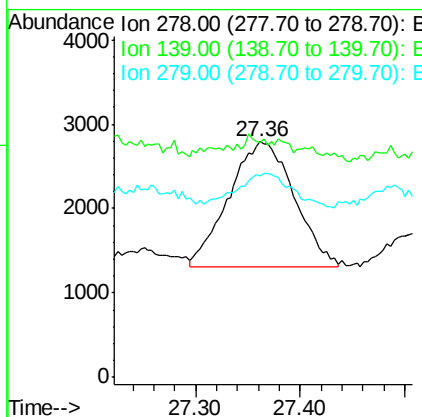
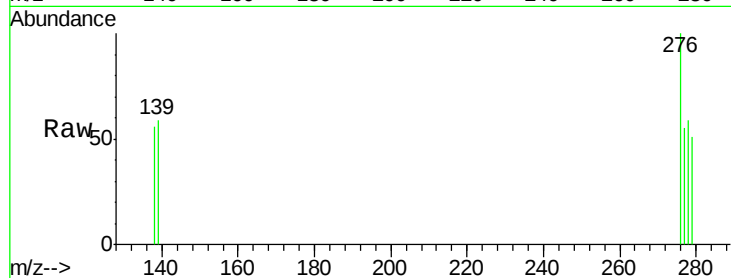
#25
Dibenzo(a,h)anthracene
Concen: 0.261 ng/u1 m
RT: 27.36 min Scan# 4773
Delta R.T. 0.11 min
Lab File: BE095792.D
Acq: 15 Mar 2018 7:58

Instrument :
BNA_E
ClientSampled :
F6F13

Tot Ion	Ratio	Lower	Upper
278	100		
139	99.4	17.4	26.0#
279	85.4	25.9	38.9#

Manual Integrations
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#26
Benzo(g,h,i)perylene
Concen: 1.299 ng/u1
RT: 28.26 min Scan# 5025
Delta R.T. 0.15 min
Lab File: BE095792.D
Acq: 15 Mar 2018 7:58

Tgt Ion	Ratio	Lower	Upper
276	100		
138	33.6	21.8	32.8#
277	38.3	20.5	30.7#

