

Data Path : Z:\HPCHEM1\BNA E\DATA\BE031418\
 Data File : BE095793.D
 Acq On : 15 Mar 2018 8:34
 Operator : SJ/JU
 Sample : J1813-11
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 F6F36

Manual Integrations
 APPROVED

Sohil
 3/15/2018 6:55:22 PM

Quant Time: Mar 15 13:55:55 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	2115	0.40	ng/ul	0.02
2) Naphthalene-d8	11.27	136	6320	0.40	ng/ul	0.02
6) Acenaphthene-d10	15.03	164	3831	0.40	ng/ul	0.02
10) Phenanthrene-d10	17.73	188	7811m	0.40	ng/ul	0.02
16) Chrysene-d12	21.82	240	8264m	0.40	ng/ul	0.02
20) Perylene-d12	24.48	264	8201	0.40	ng/ul	0.05
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.83	152	4141	0.39	ng/ul	0.02
14) Fluoranthene-d10	19.71	212	9919m	0.40	ng/ul	0.03
Target Compounds				Ovalue		
3) Naphthalene	11.32	128	1338	0.076	ng/ul#	81
5) 2-Methylnaphthalene	12.90	142	525	0.043	ng/ul	97
8) Acenaphthene	15.09	153	1340	0.092	ng/ul	93
9) Fluorene	16.06	166	859	0.054	ng/ul#	69
12) Phenanthrene	17.77	178	10411m	0.445	ng/ul	
13) Anthracene	17.87	178	2402m	0.110	ng/ul	
15) Fluoranthene	19.74	202	16222m	0.572	ng/ul	
17) Pyrene	20.10	202	14365	0.458	ng/ul#	79
18) Benzo(a)anthracene	21.81	228	9468m	0.355	ng/ul	
19) Chrysene	21.86	228	10018m	0.369	ng/ul	
21) Benzo(b)fluoranthene	23.66	252	12429m	0.438	ng/ul	
22) Benzo(k)fluoranthene	23.70	252	4033m	0.149	ng/ul	
23) Benzo(a)pyrene	24.36	252	8419	0.325	ng/ul#	36
24) Indeno(1,2,3-cd)pyrene	27.32	276	5535	0.192	ng/ul#	67
26) Benzo(a,h,i)perylene	28.22	276	6165	0.250	ng/ul#	40

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

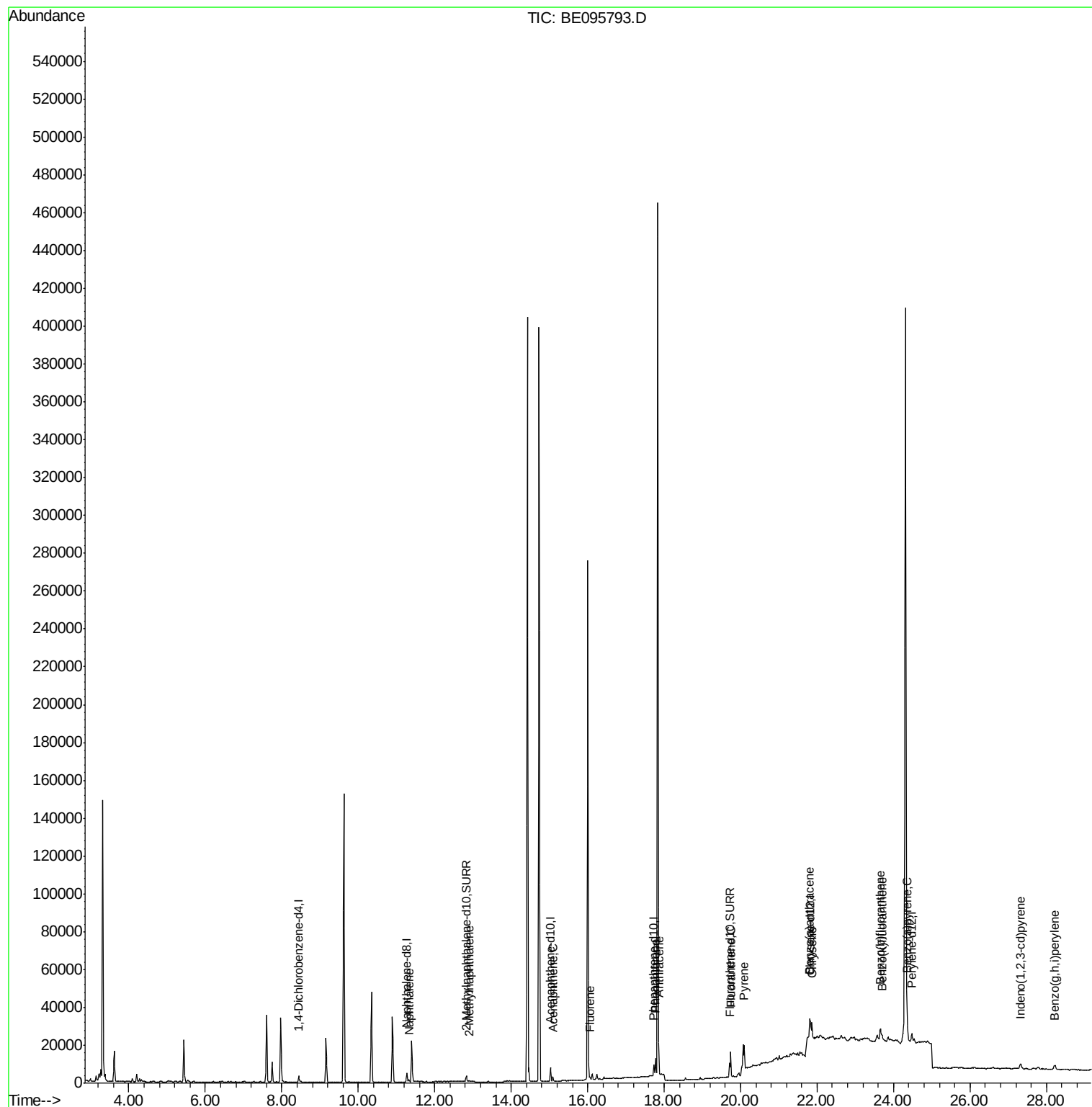
Data Path : Z:\HPCHEM1\BNA E\DATA\BE031418\
Data File : BE095793.D
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ALS Vial : 37 Sample Multiplier: 1

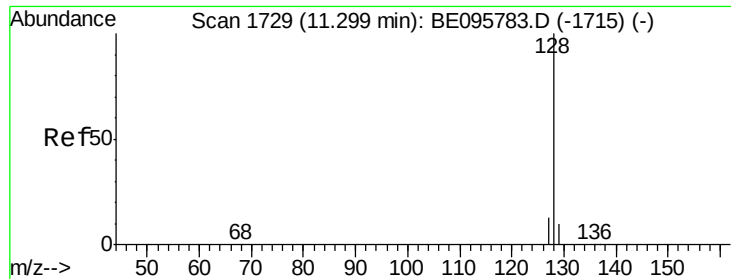
Instrument :
BNA_E
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#3

Naphthalene

Concen: 0.076 ng/ul

RT: 11.32 min Scan# 1732

Delta R.T. 0.02 min

Lab File: BE095793.D

Acq: 15 Mar 2018 8:34

Instrument :

BNA_E

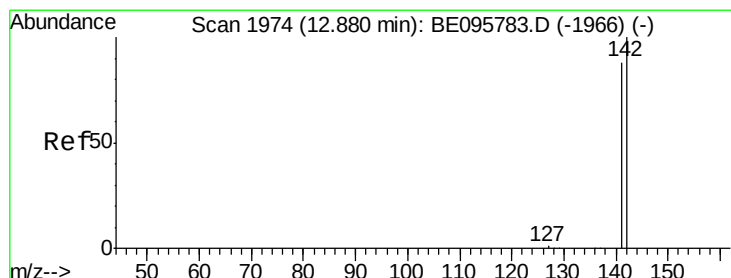
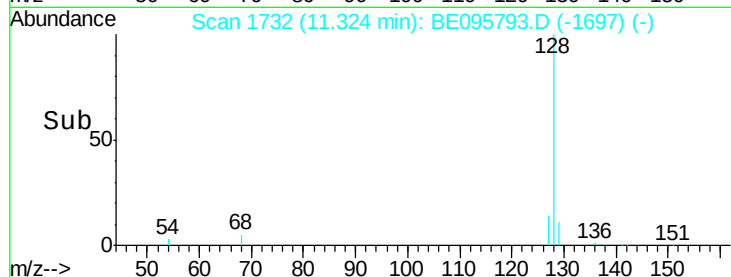
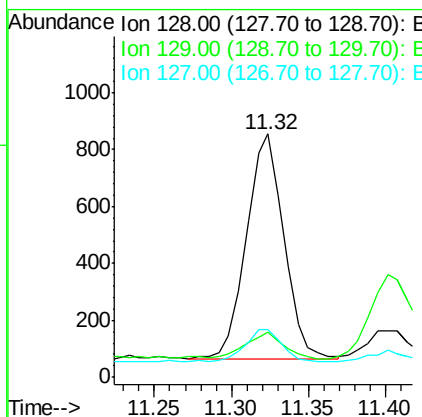
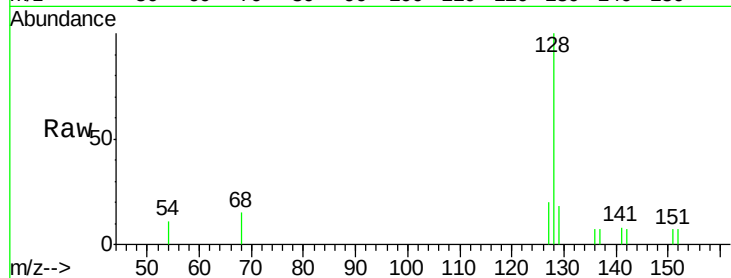
ClientSampleId :

F6F36

Tot Ion:	128	Resp:	1338
Ion Ratio	Lower	Upper	
128	100		
129	18.3	11.3	16.9#
127	19.7	4.0	6.0#

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#5

2-Methylnaphthalene

Concen: 0.043 ng/ul

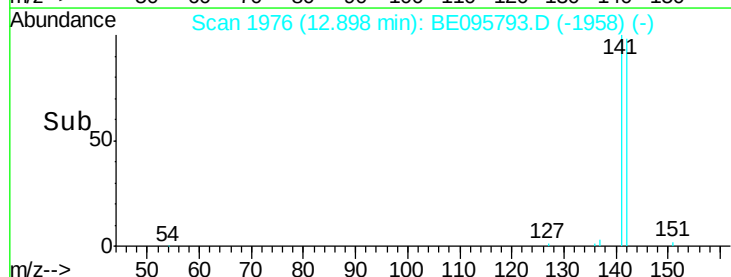
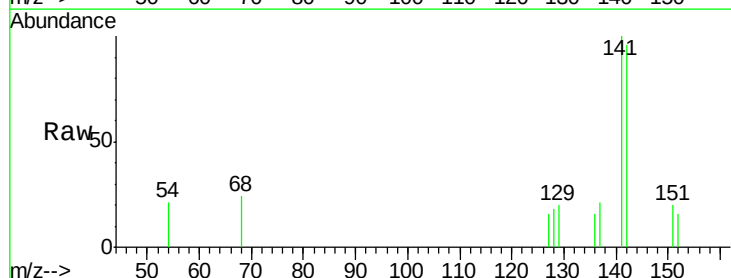
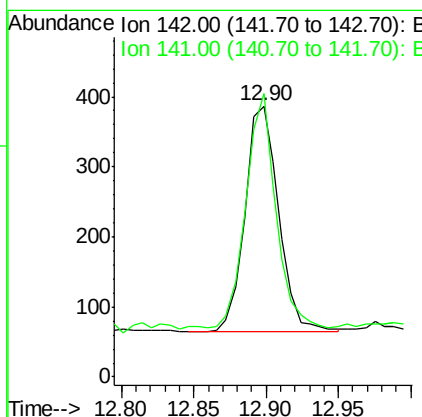
RT: 12.90 min Scan# 1976

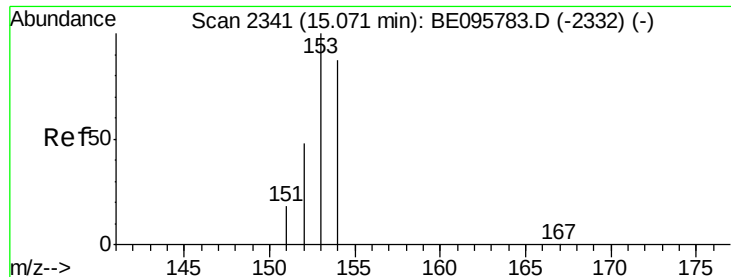
Delta R.T. 0.02 min

Lab File: BE095793.D

Acq: 15 Mar 2018 8:34

Tgt Ion:	142	Resp:	525
Ion Ratio	Lower	Upper	
142	100		
141	93.9	72.6	108.8





#8

Acenaphthene

Concen: 0.092 ng/ul

RT: 15.09 min Scan# 2343

Delta R.T. 0.02 min

Lab File: BE095793.D

Acq: 15 Mar 2018 8:34

Instrument :

BNA_E

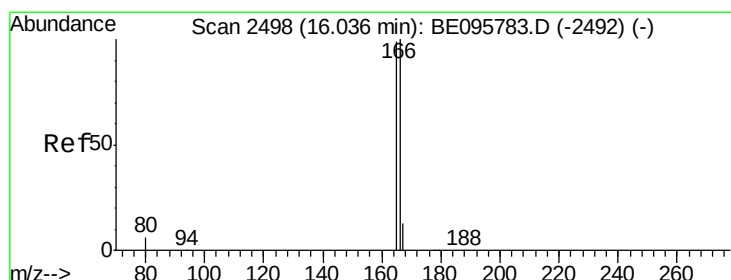
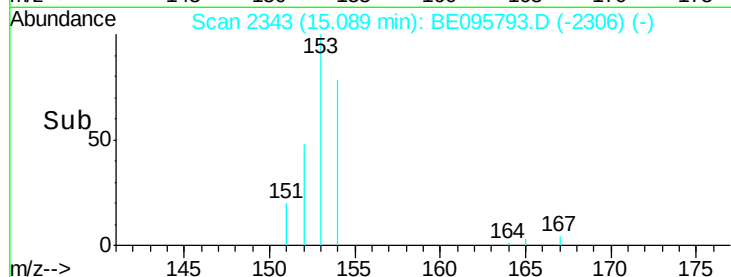
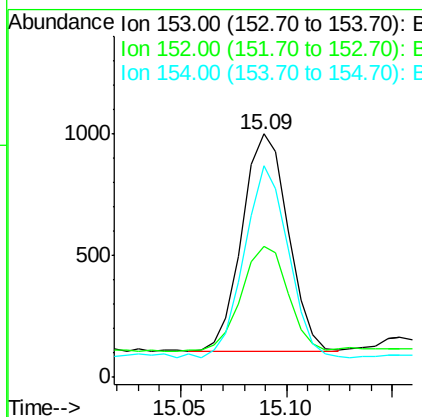
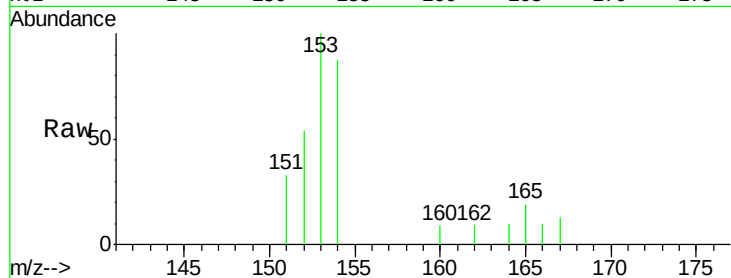
ClientSampleId :

F6F36

Tot Ion:	153	Resp:	1340
Ion	Ratio	Lower	Upper
153	100		
152	53.8	36.0	54.0
154	86.8	72.0	108.0

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#9

Fluorene

Concen: 0.054 ng/ul

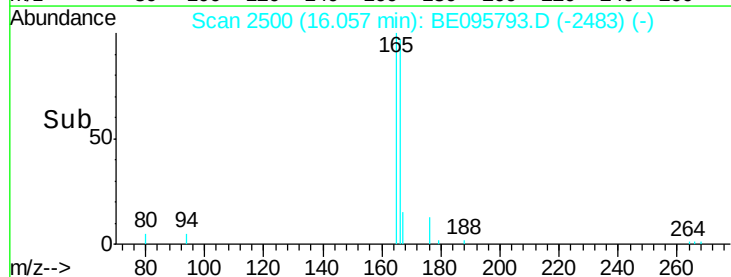
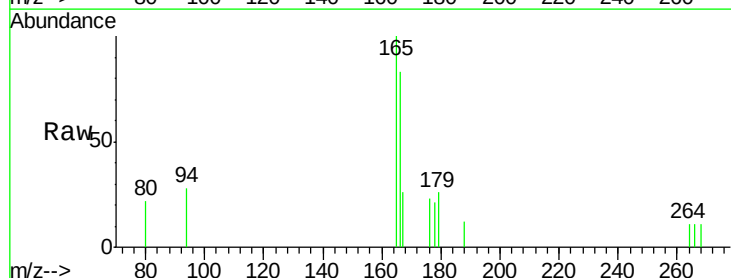
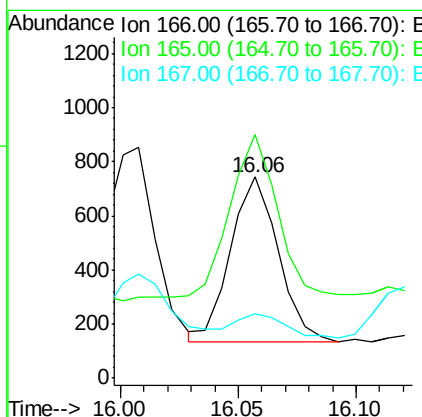
RT: 16.06 min Scan# 2500

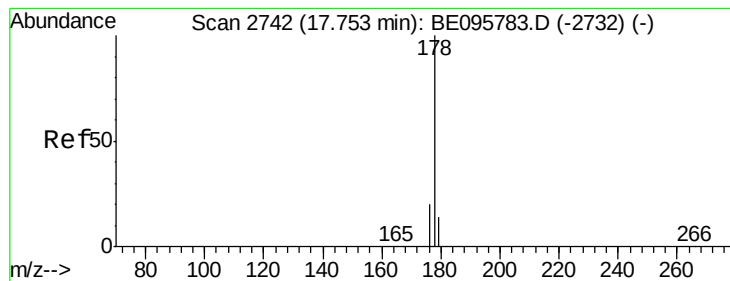
Delta R.T. 0.02 min

Lab File: BE095793.D

Acq: 15 Mar 2018 8:34

Tgt Ion:	166	Resp:	859
Ion	Ratio	Lower	Upper
166	100		
165	121.0	73.4	110.2#
167	31.7	14.6	22.0#





#12

Phenanthrene

Concen: 0.445 ng/ul m

RT: 17.77 min Scan# 2744

Delta R.T. 0.02 min

Lab File: BE095793.D

Acq: 15 Mar 2018 8:34

Instrument :

BNA_E

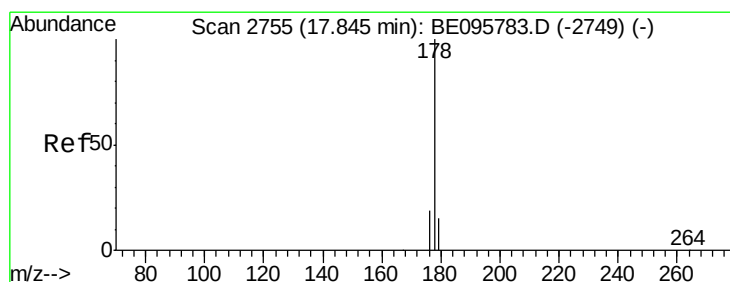
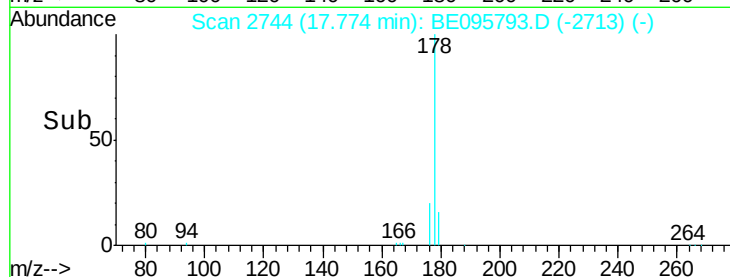
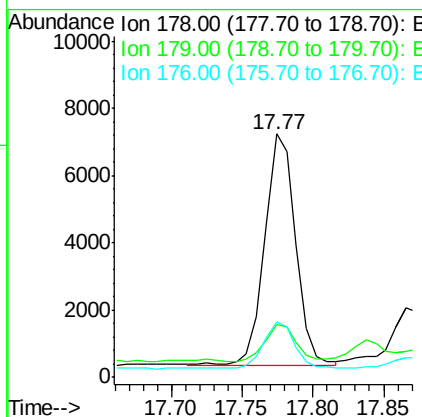
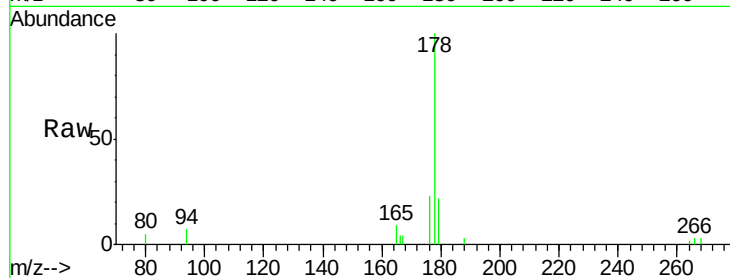
ClientSampleId :

F6F36

Tot Ion:	178	Resp:	10411
Ion Ratio	Lower	Upper	
178	100		
179	21.8	18.4	27.6
176	22.7	13.6	20.4#

Manual Integrations
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#13

Anthracene

Concen: 0.110 ng/ul m

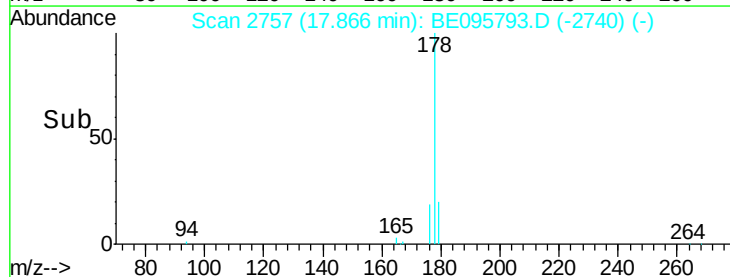
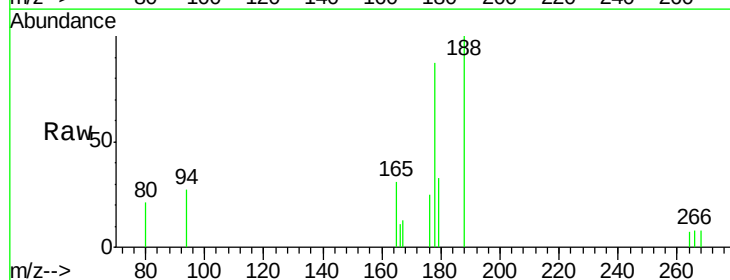
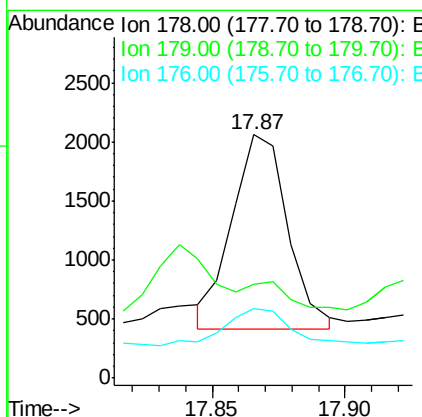
RT: 17.87 min Scan# 2757

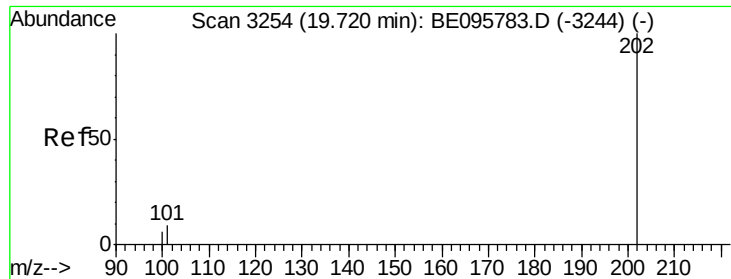
Delta R.T. 0.02 min

Lab File: BE095793.D

Acq: 15 Mar 2018 8:34

Tgt Ion:	178	Resp:	2402
Ion Ratio	Lower	Upper	
178	100		
179	38.3	18.1	27.1#
176	28.4	14.7	22.1#





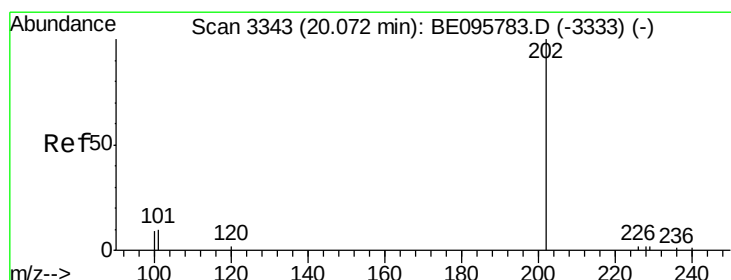
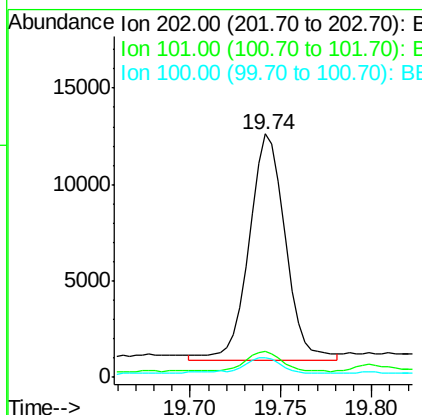
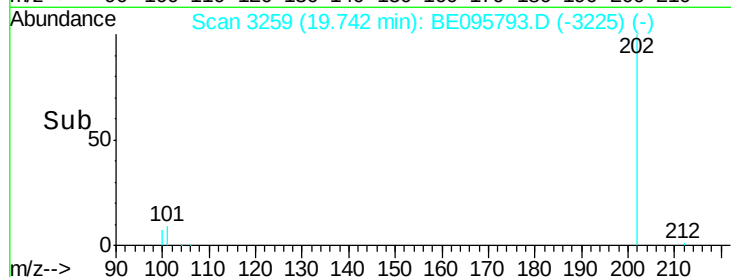
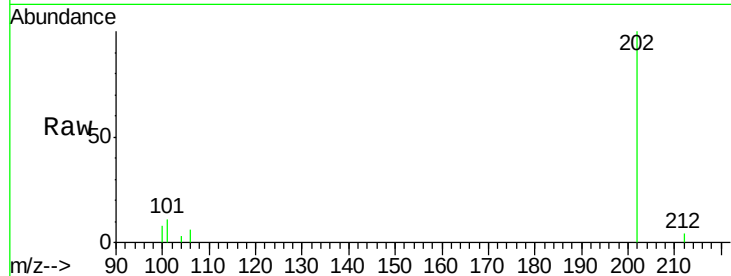
#15
Fluoranthene
Concen: 0.572 ng/ul m
RT: 19.74 min Scan# 3259
Delta R.T. 0.02 min
Lab File: BE095793.D
Acq: 15 Mar 2018 8:34

Instrument :
BNA_E
ClientSampleId :
F6F36

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	10.7	0.0	30.3
100	8.1	0.0	39.5

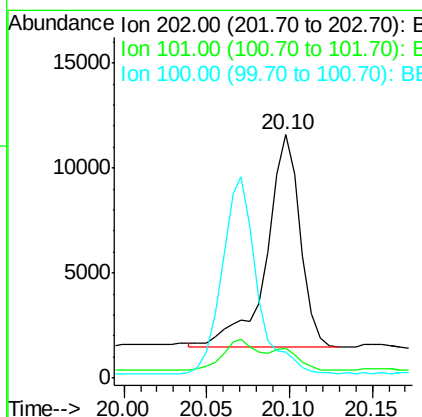
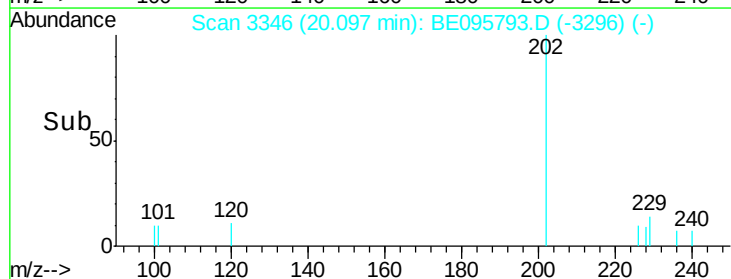
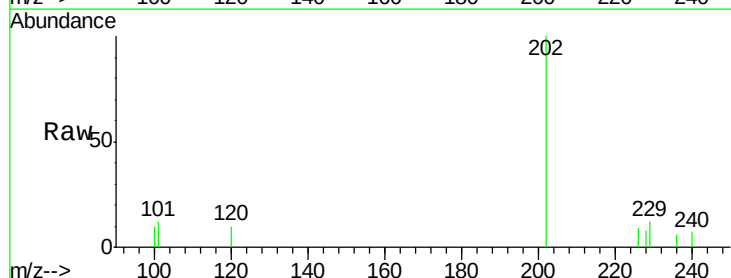
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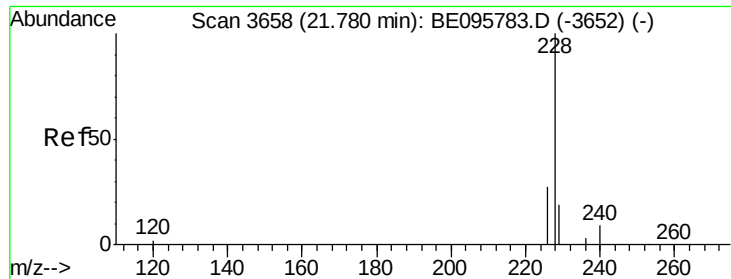
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#17
Pyrene
Concen: 0.458 ng/ul
RT: 20.10 min Scan# 3346
Delta R.T. 0.03 min
Lab File: BE095793.D
Acq: 15 Mar 2018 8:34

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	12.4	18.2	27.4#
100	10.5	15.6	23.4#





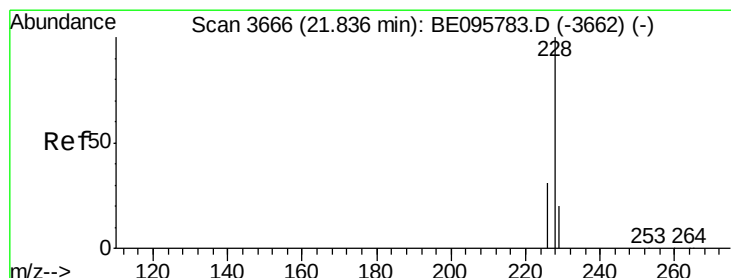
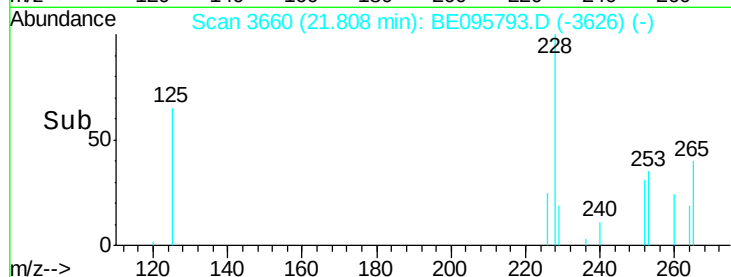
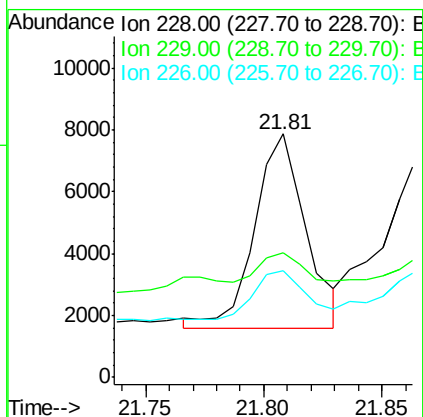
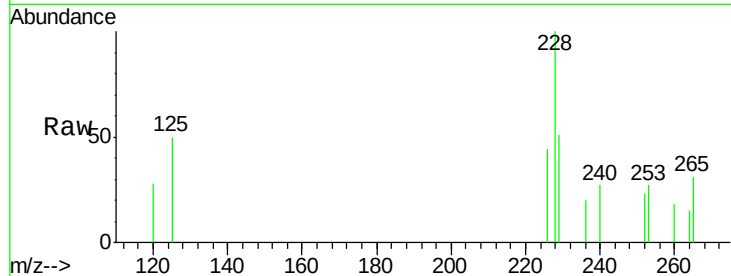
#18
Benzo(a)anthracene
Concen: 0.355 ng/ul m
RT: 21.81 min Scan# 3660
Delta R.T. 0.03 min
Lab File: BE095793.D
Acq: 15 Mar 2018 8:34

Instrument :
BNA_E
ClientSampled :
F6F36

Tot Ion:228 Resp: 9468
Ion Ratio Lower Upper
228 100
229 51.3 22.8 34.2#
226 44.0 17.0 25.6#

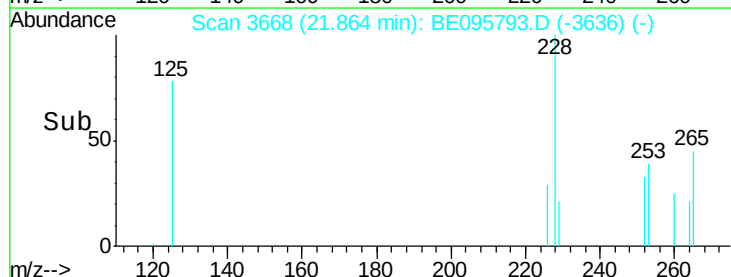
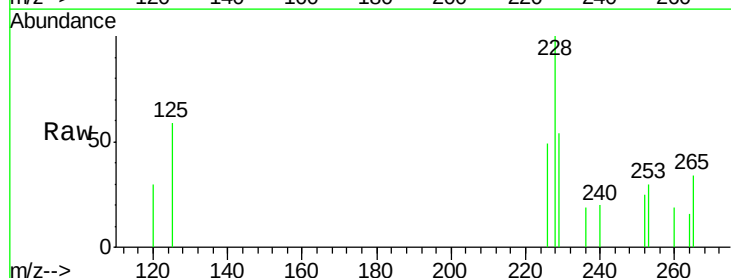
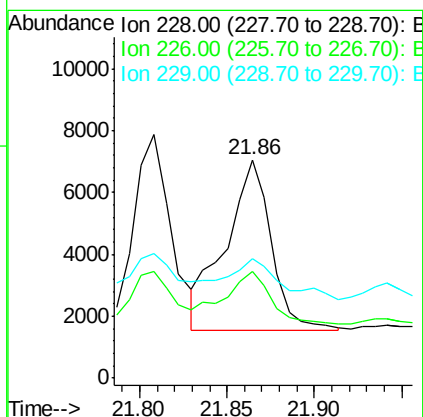
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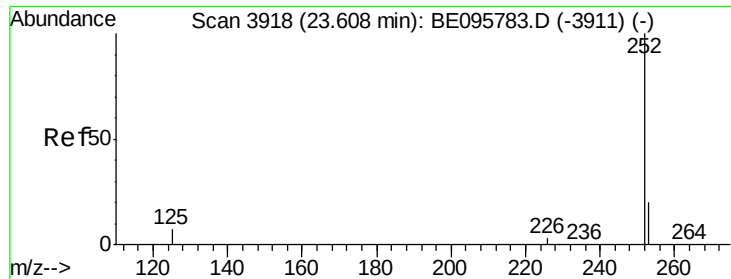
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#19
Chrysene
Concen: 0.369 ng/ul m
RT: 21.86 min Scan# 3668
Delta R.T. 0.03 min
Lab File: BE095793.D
Acq: 15 Mar 2018 8:34

Tgt Ion:228 Resp: 10018
Ion Ratio Lower Upper
228 100
226 48.7 23.4 35.0#
229 54.5 17.7 26.5#





#21

Benzo(b)fluoranthene

Concen: 0.438 ng/ul m

RT: 23.66 min Scan# 3923

Delta R.T. 0.05 min

Lab File: BE095793.D

Acq: 15 Mar 2018 8:34

Instrument :

BNA_E

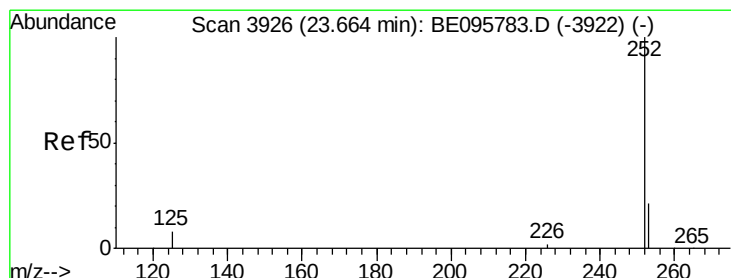
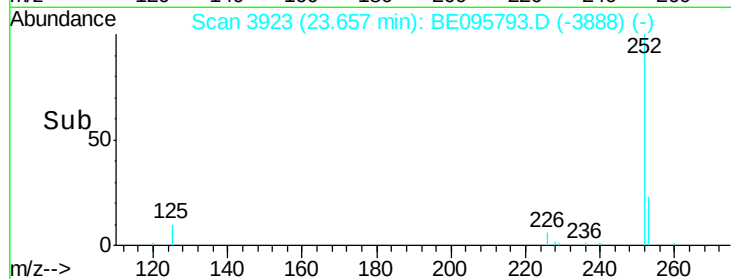
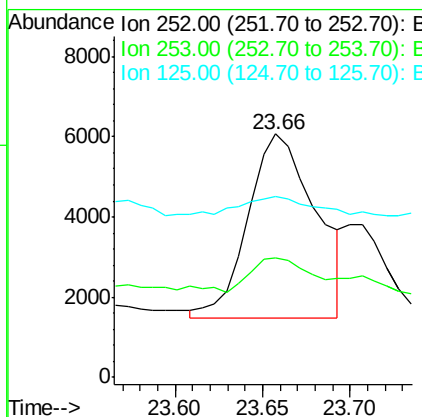
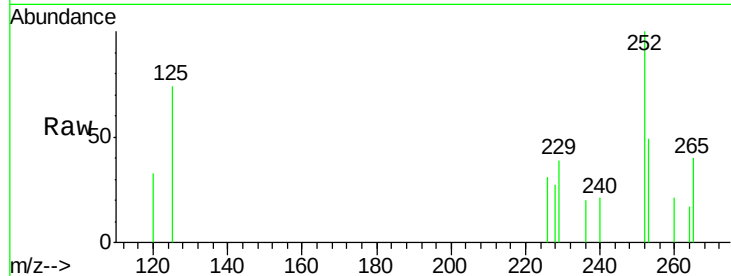
ClientSampleId :

F6F36

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	48.9	0.0	64.2
125	74.2	0.0	35.0#

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#22

Benzo(k)fluoranthene

Concen: 0.149 ng/ul m

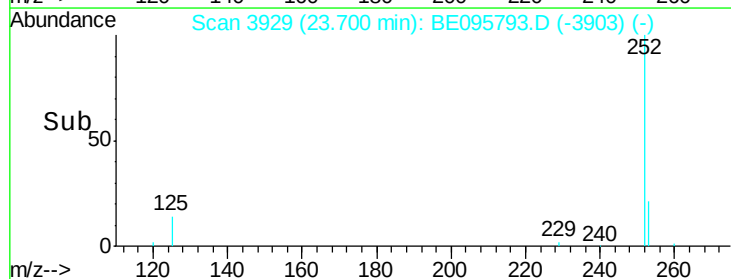
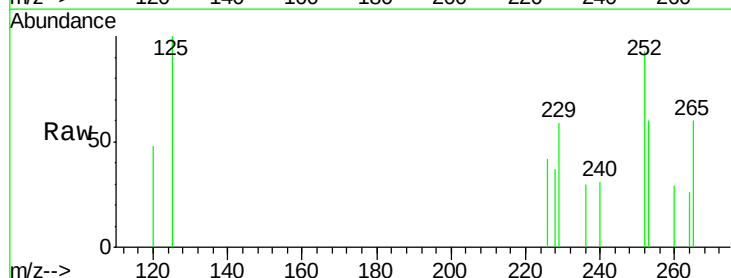
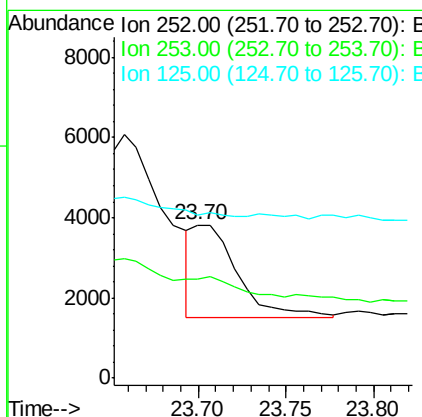
RT: 23.70 min Scan# 3929

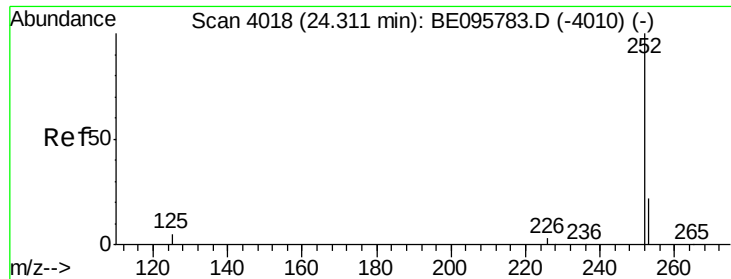
Delta R.T. 0.04 min

Lab File: BE095793.D

Acq: 15 Mar 2018 8:34

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	64.7	24.5	36.7#
125	107.0	13.7	20.5#





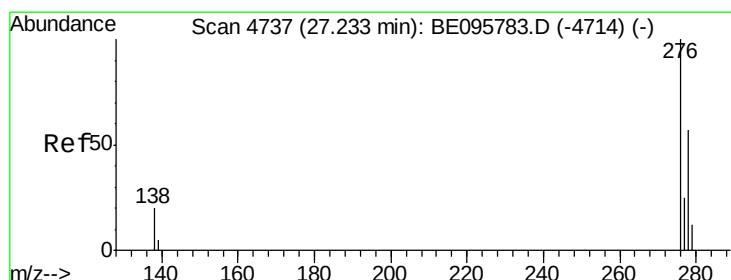
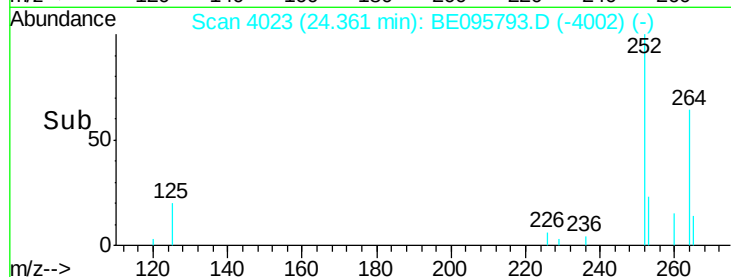
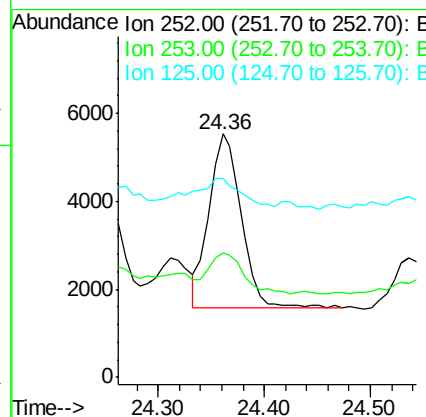
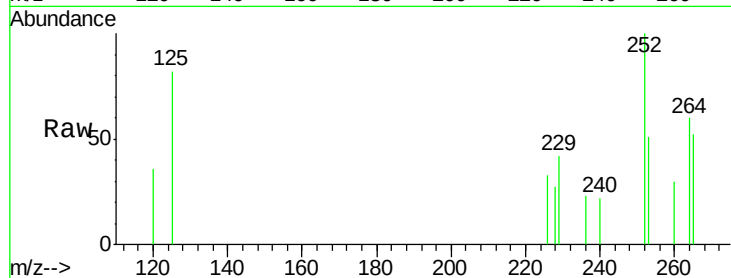
#23
Benzo(a)pyrene
Concen: 0.325 ng/ul
RT: 24.36 min Scan# 4023
Delta R.T. 0.05 min
Lab File: BE095793.D
Acq: 15 Mar 2018 8:34

Instrument :
BNA_E
ClientSampled :
F6F36

Tot Ion	Ratio	Lower	Upper
252	100		
253	51.2	28.5	42.7#
125	81.6	18.1	27.1#

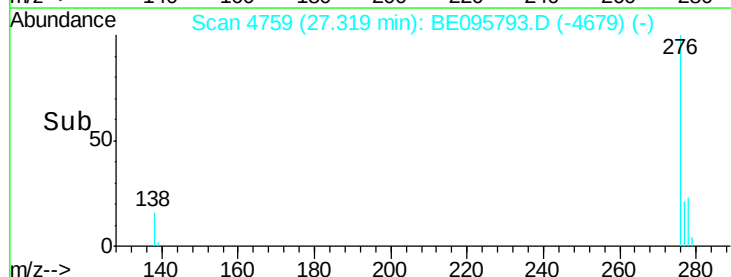
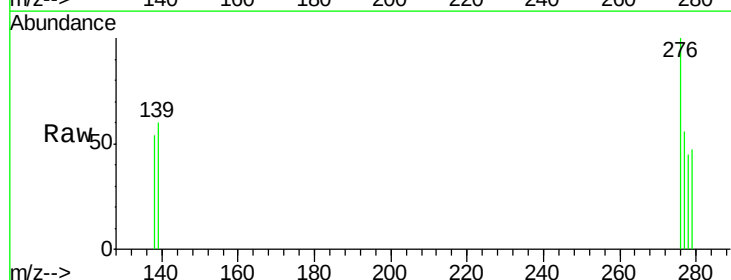
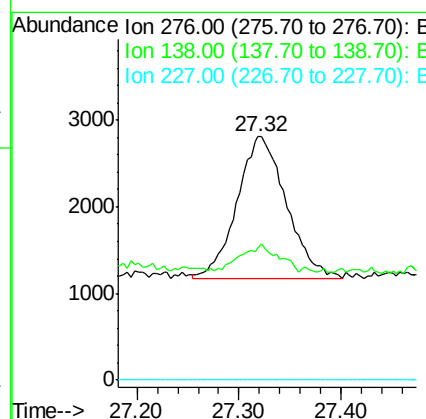
Manual Integrations
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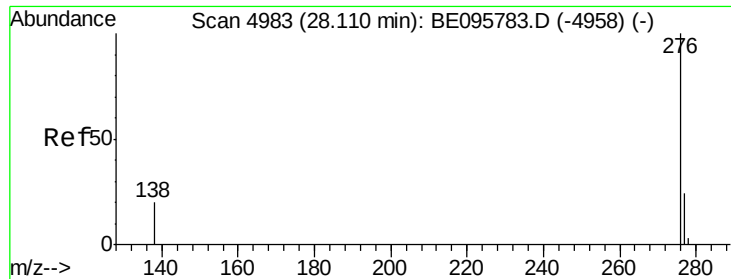
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#24
Indeno(1,2,3-cd)pyrene
Concen: 0.192 ng/ul
RT: 27.32 min Scan# 4759
Delta R.T. 0.09 min
Lab File: BE095793.D
Acq: 15 Mar 2018 8:34

Tgt Ion	Ratio	Lower	Upper
276	100		
138	14.6	28.0	42.0#
227	0.0	8.0	12.0#





#26
 Benzo(a,h,i)perylene
 Concen: 0.250 ng/ul
 RT: 28.22 min Scan# 5011
 Delta R.T. 0.11 min
 Lab File: BE095793.D
 Acq: 15 Mar 2018 8:34

Instrument :
 BNA_E
 ClientSampleId :
 F6F36

Tot Ion	Ratio	Lower	Upper
276	100		
138	56.0	21.8	32.8#
277	59.1	20.5	30.7#

Manual Integrations
 APPROVED

Sohil
 3/15/2018 6:55:22 PM

