

Data Path : Z:\HPCHEM1\BNA E\DATA\BE012818\
 Data File : BE095230.D
 Acq On : 29 Jan 2018 5:03
 Operator : SJ/JU
 Sample : J1223-09
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 F6A75

Manual Integrations
 APPROVED

Sohil
 1/29/2018 6:26:11 PM

Quant Time: Jan 29 08:43:41 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 29 08:11:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.44	152	3488	0.40	ng/ul	0.00
2) Naphthalene-d8	11.27	136	11386	0.40	ng/ul	0.00
6) Acenaphthene-d10	15.02	164	7469	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.71	188	15645m	0.40	ng/ul	0.00
16) Chrysene-d12	21.80	240	16084	0.40	ng/ul	0.00
20) Perylene-d12	24.44	264	15022m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.81	152	5918	0.32	ng/ul	0.00
14) Fluoranthene-d10	19.70	212	16566	0.28	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	11.32	128	244845	7.679	ng/ul#	88
5) 2-Methylnaphthalene	12.89	142	47829	2.247	ng/ul	100
7) Acenaphthylene	14.75	152	1155	0.032	ng/ul#	70
8) Acenaphthene	15.08	153	17882	0.641	ng/ul	94
9) Fluorene	16.03	166	9046	0.315	ng/ul#	75
11) Pentachlorophenol	17.36	266	21962	7.248	ng/ul	95
12) Phenanthrene	17.75	178	41093	0.781	ng/ul#	87
13) Anthracene	17.85	178	7024	0.146	ng/ul#	92
15) Fluoranthene	19.73	202	46988	0.690	ng/ul	82
17) Pyrene	20.08	202	39516	0.732	ng/ul#	80
18) Benzo(a)anthracene	21.79	228	11081	0.220	ng/ul#	87
19) Chrysene	21.84	228	8696	0.167	ng/ul	95
21) Benzo(b)fluoranthene	23.62	252	10664m	0.201	ng/ul	
22) Benzo(k)fluoranthene	23.67	252	2654m	0.055	ng/ul	
23) Benzo(a)pyrene	24.32	252	3236m	0.068	ng/ul	
24) Indeno(1,2,3-cd)pyrene	27.24	276	2312m	0.045	ng/ul	
26) Benzo(a,h,i)perylene	28.12	276	2052m	0.047	ng/ul	

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

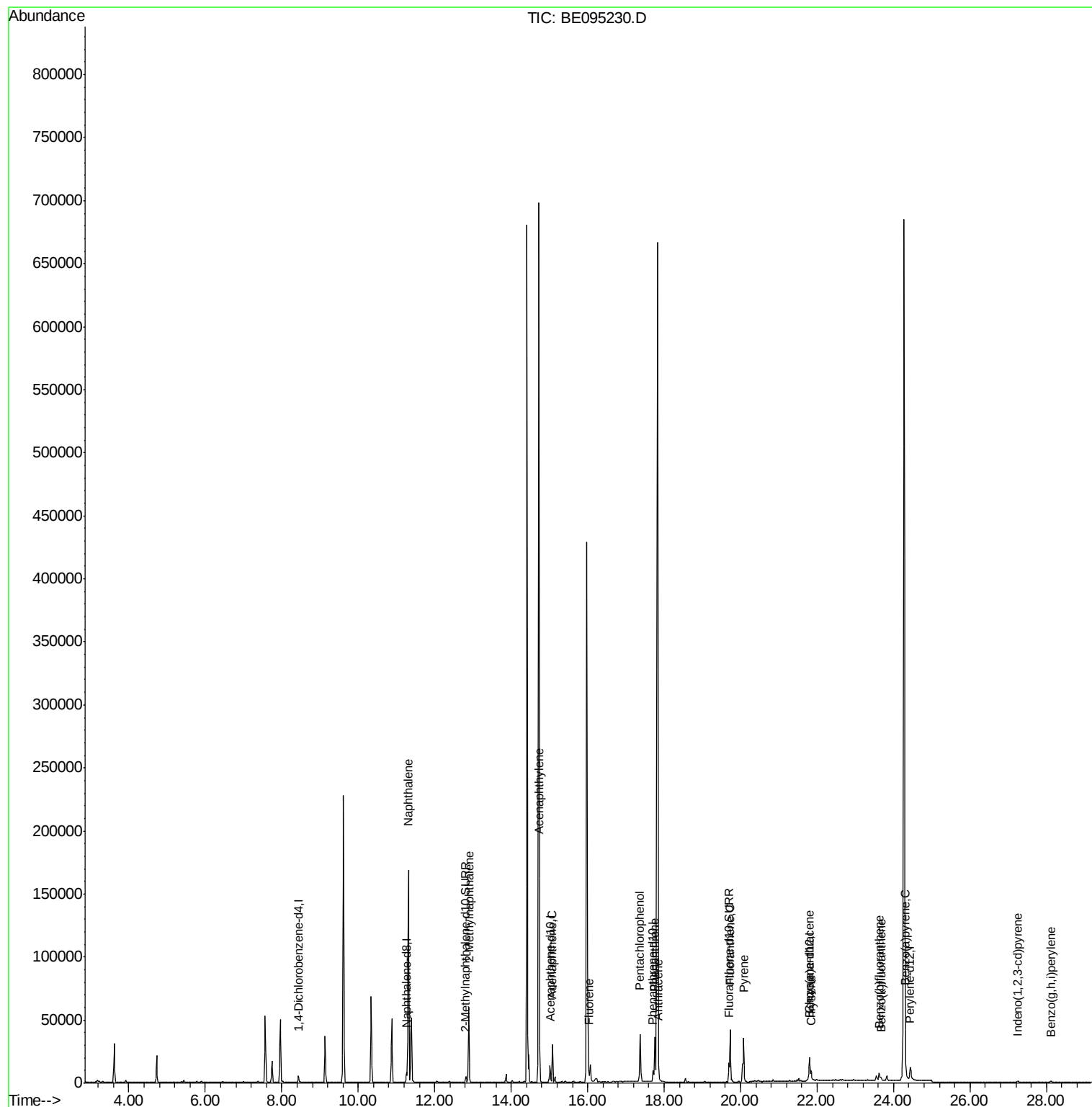
Data Path : Z:\HPCHEM1\BNA E\DATA\BE012818\
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ALS Vial : 27 Sample Multiplier: 1

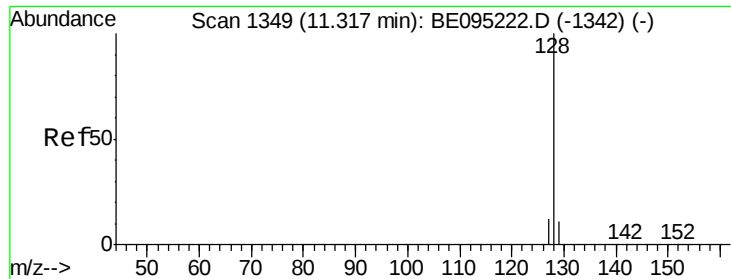
Instrument :
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#3

Naphthalene

Concen: 7.679 ng/ul

RT: 11.32 min Scan# 1349

Delta R.T. 0.00 min

Lab File: BE095230.D

Acq: 29 Jan 2018 5:03

Instrument :

BNA_E

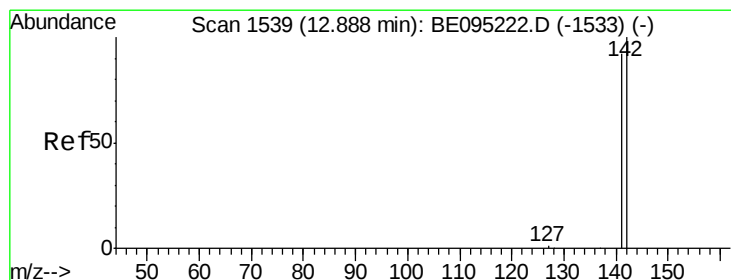
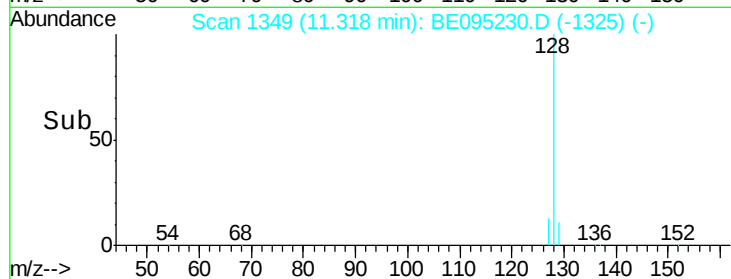
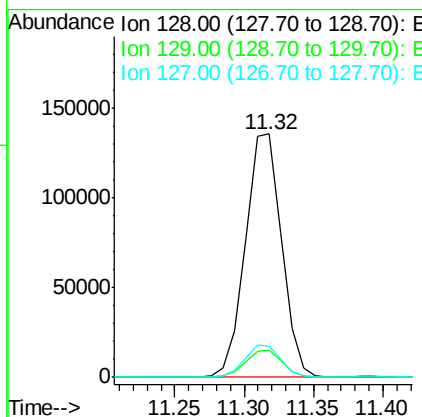
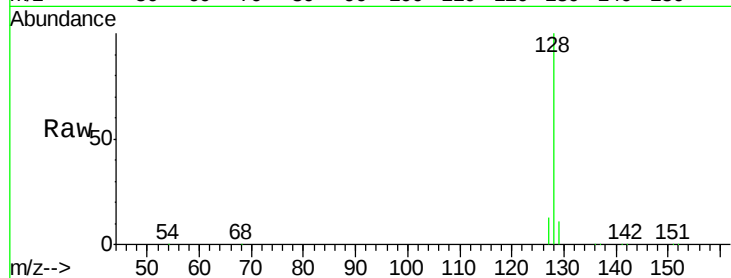
ClientSampleId :

F6A75

Tot Ion:	128	Resp:	244845
Ion Ratio	Lower	Upper	
128	100		
129	11.1	11.3	16.9#
127	13.0	4.0	6.0#

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#5

2-Methylnaphthalene

Concen: 2.247 ng/ul

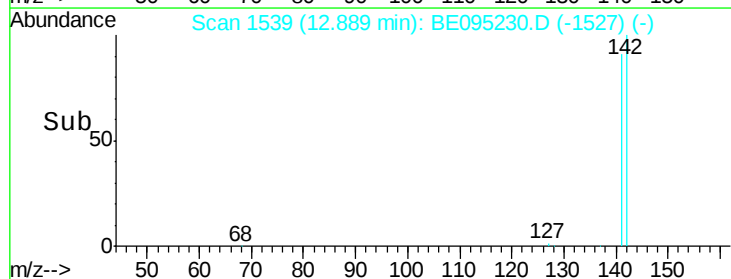
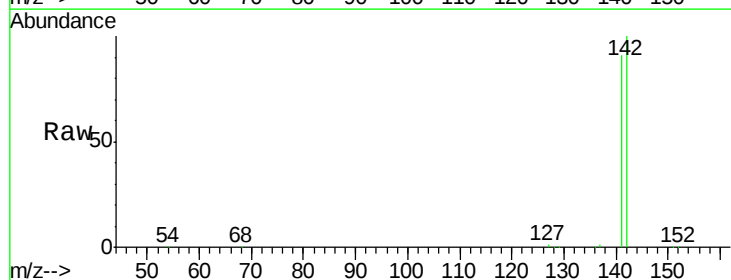
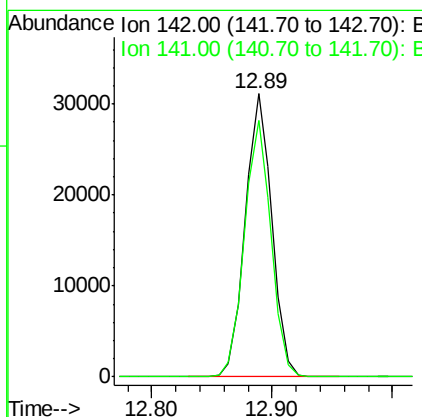
RT: 12.89 min Scan# 1539

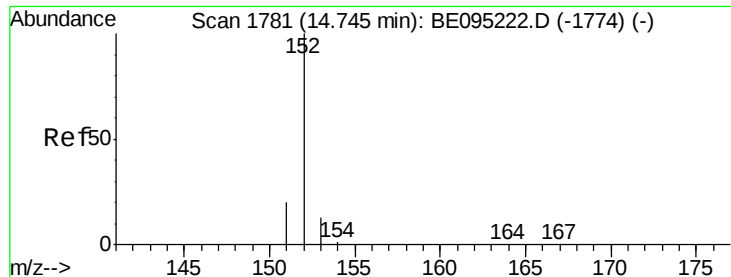
Delta R.T. 0.00 min

Lab File: BE095230.D

Acq: 29 Jan 2018 5:03

Tgt Ion:	142	Resp:	47829
Ion Ratio	Lower	Upper	
142	100		
141	90.4	72.6	108.8





#7

Acenaphthylene

Concen: 0.032 ng/ul

RT: 14.75 min Scan# 1781

Delta R.T. 0.00 min

Lab File: BE095230.D

Acq: 29 Jan 2018 5:03

Instrument :

BNA_E

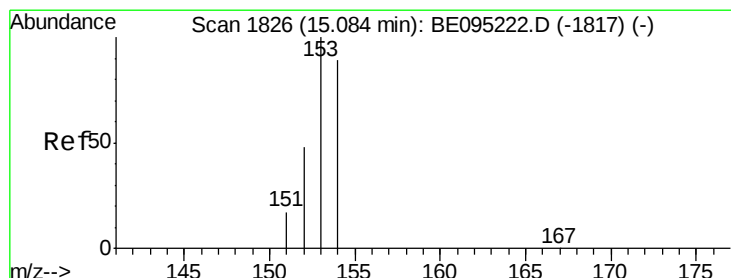
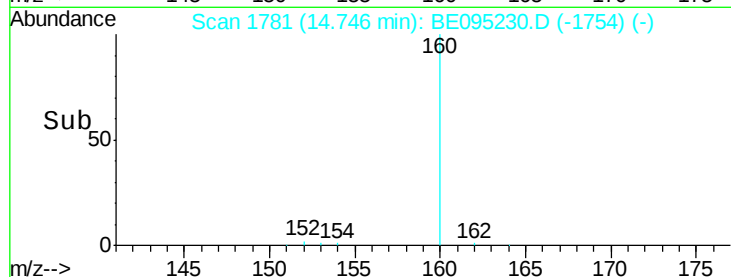
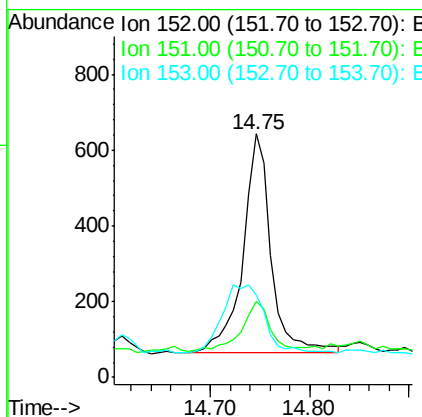
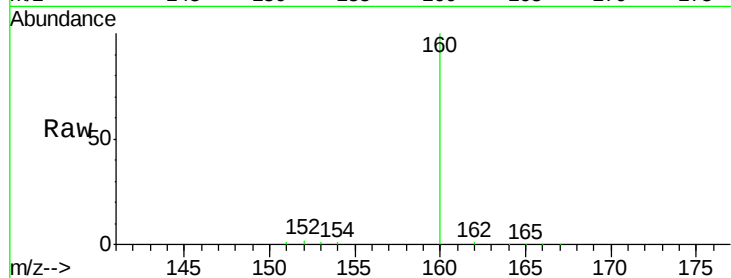
ClientSampleId :

F6A75

Tot Ion:	152	Resp:	1155
Ion Ratio	Lower	Upper	
152	100		
151	31.1	17.1	25.7#
153	33.9	12.8	19.2#

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#8

Acenaphthene

Concen: 0.641 ng/ul

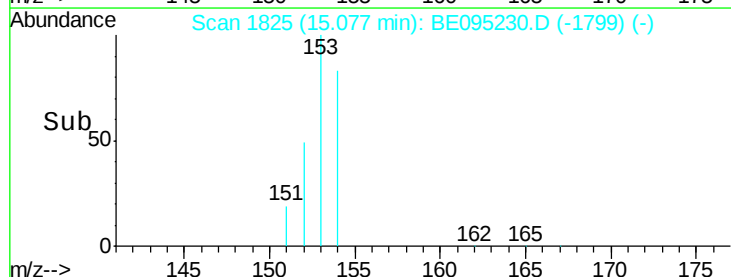
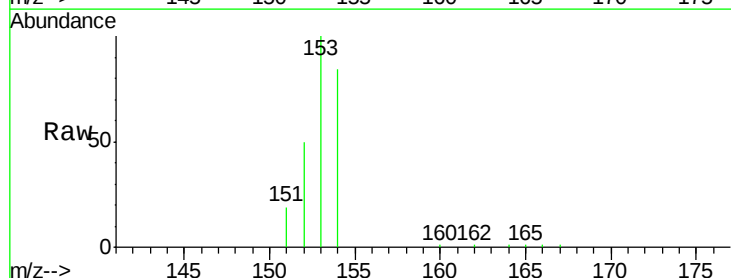
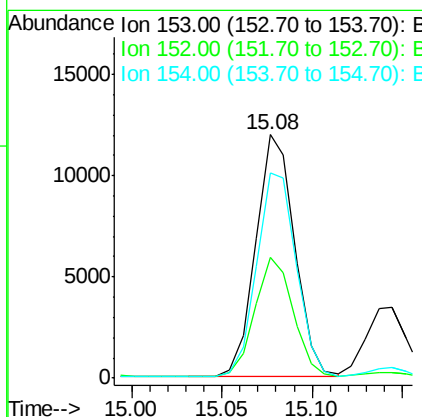
RT: 15.08 min Scan# 1825

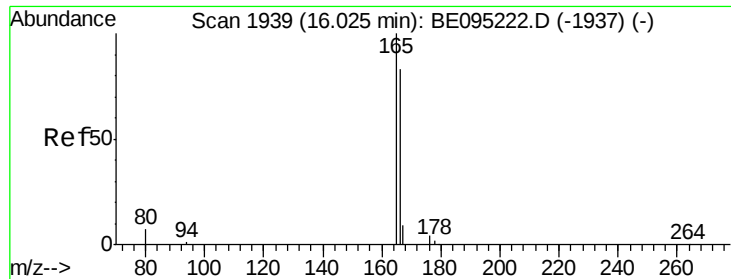
Delta R.T. -0.01 min

Lab File: BE095230.D

Acq: 29 Jan 2018 5:03

Tgt Ion:	153	Resp:	17882
Ion Ratio	Lower	Upper	
153	100		
152	49.7	36.0	54.0
154	84.2	72.0	108.0





#9

Fluorene

Concen: 0.315 ng/ul

RT: 16.03 min Scan# 1939

Delta R.T. 0.00 min

Lab File: BE095230.D

Acq: 29 Jan 2018 5:03

Instrument :

BNA_E

ClientSampleId :

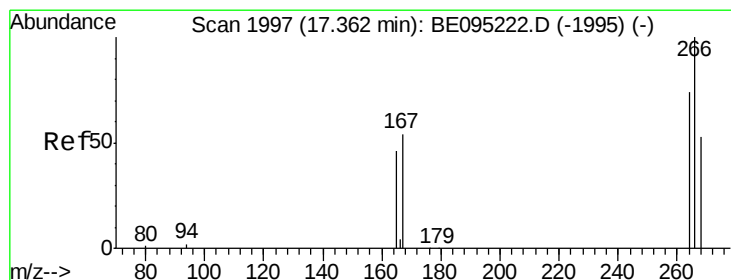
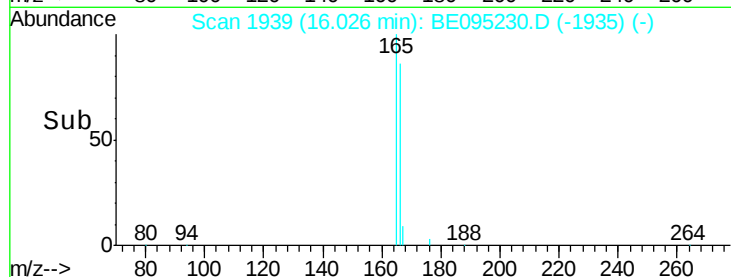
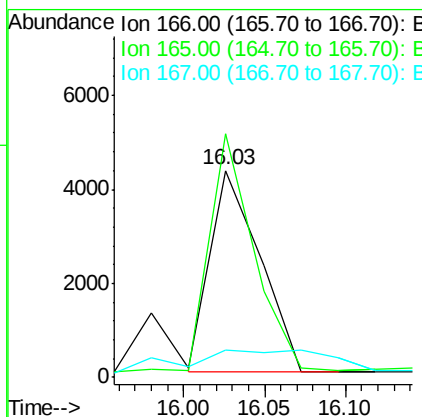
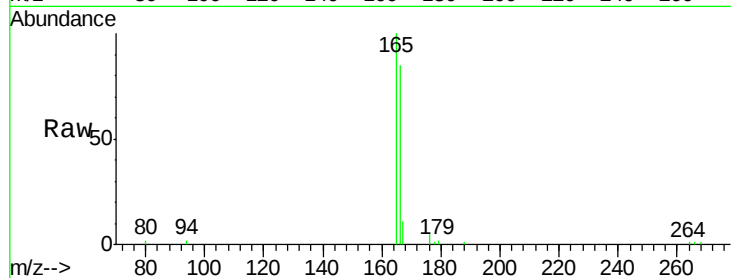
F6A75

Tot Ion	Ratio	Lower	Upper
166	100		
165	117.9	73.4	110.2#
167	13.4	14.6	22.0#

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#11

Pentachlorophenol

Concen: 7.248 ng/ul

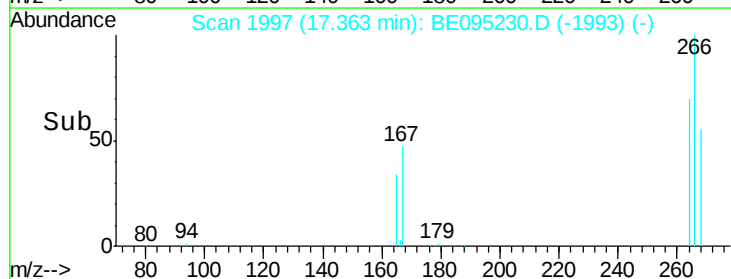
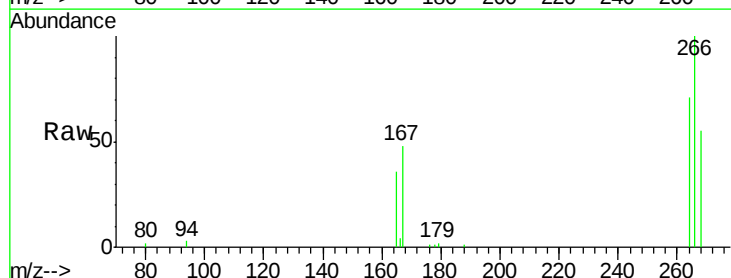
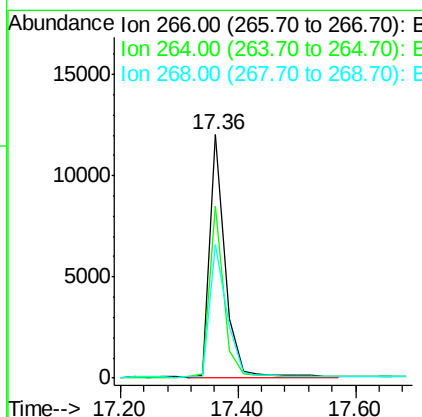
RT: 17.36 min Scan# 1997

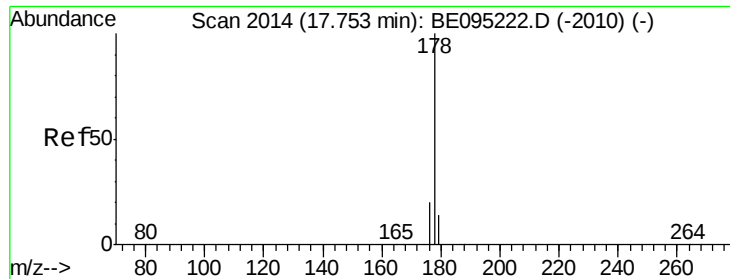
Delta R.T. 0.00 min

Lab File: BE095230.D

Acq: 29 Jan 2018 5:03

Tgt Ion	Ratio	Lower	Upper
266	100		
264	65.7	47.9	71.9
268	61.1	49.8	74.8





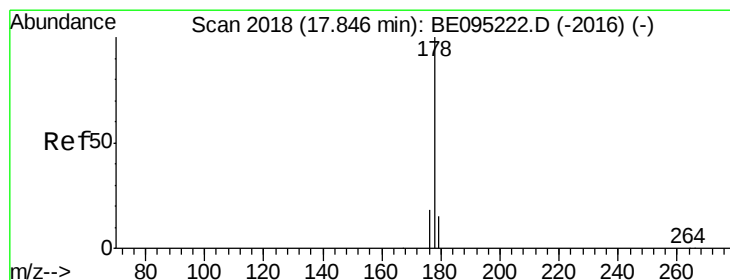
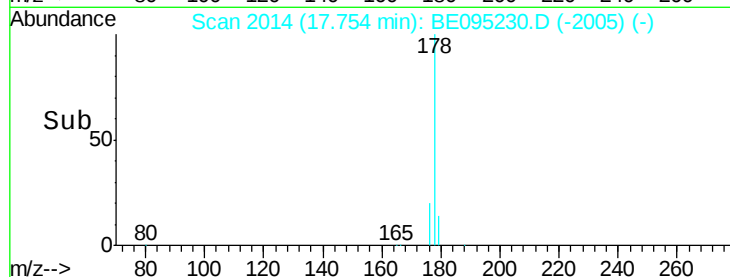
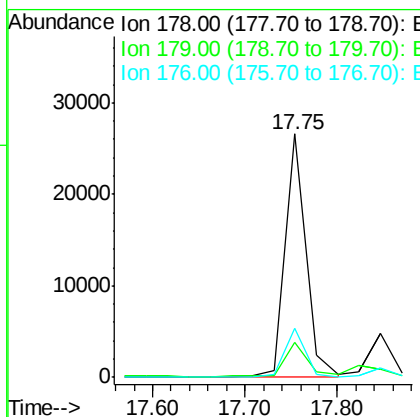
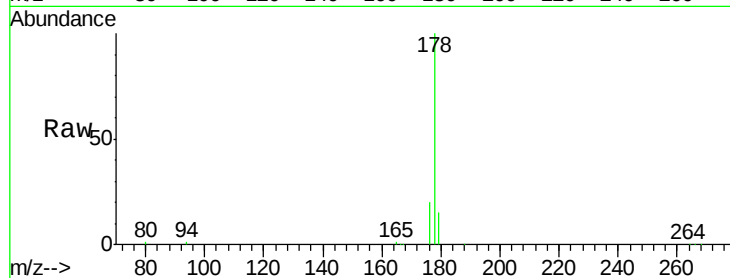
#12
Phenanthrene
Concen: 0.781 ng/ul
RT: 17.75 min Scan# 2014
Delta R.T. 0.00 min
Lab File: BE095230.D
Acq: 29 Jan 2018 5:03

Instrument :
BNA_E
ClientSampleId :
F6A75

Tot Ion	Ratio	Lower	Upper
178	100		
179	14.5	18.4	27.6#
176	20.2	13.6	20.4

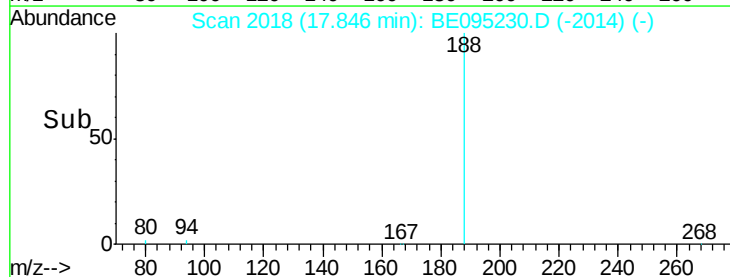
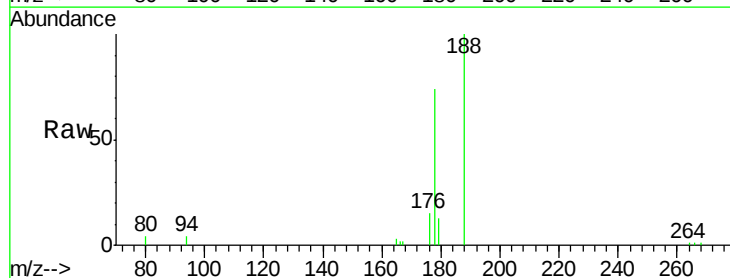
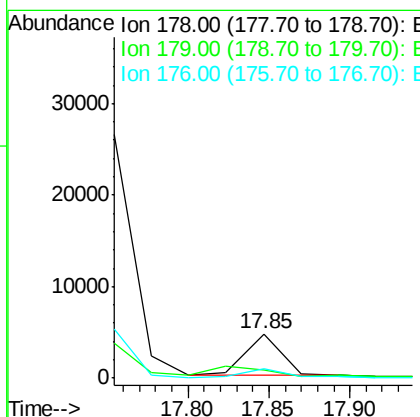
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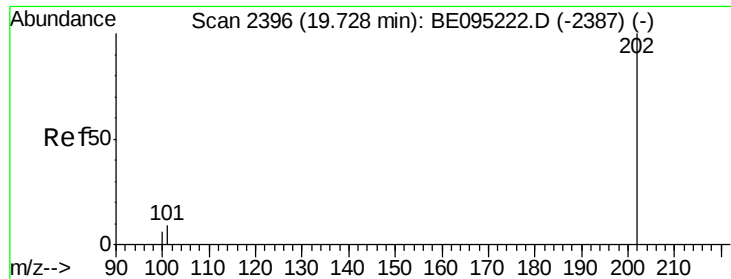
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#13
Anthracene
Concen: 0.146 ng/ul
RT: 17.85 min Scan# 2018
Delta R.T. 0.00 min
Lab File: BE095230.D
Acq: 29 Jan 2018 5:03

Tgt Ion	Ratio	Lower	Upper
178	100		
179	17.5	18.1	27.1#
176	20.4	14.7	22.1





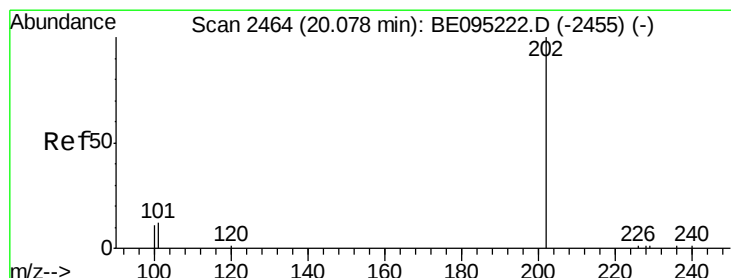
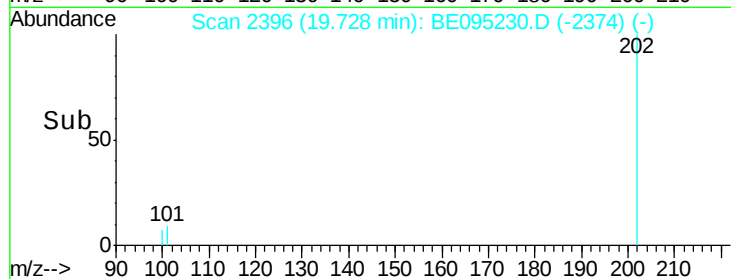
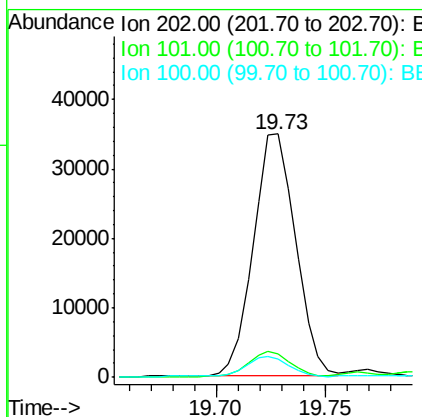
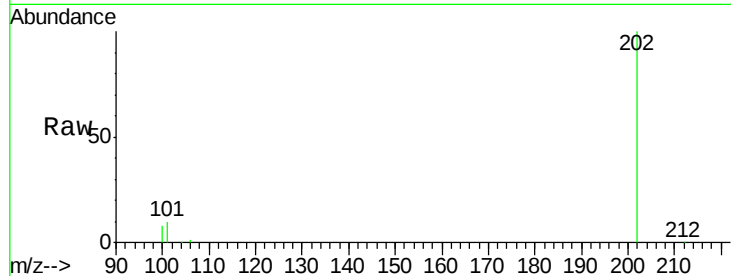
#15
Fluoranthene
Concen: 0.690 ng/ul
RT: 19.73 min Scan# 2396
Delta R.T. 0.00 min
Lab File: BE095230.D
Acq: 29 Jan 2018 5:03

Instrument :
BNA_E
ClientSampleId :
F6A75

Tot Ion:	202	Resp:	46988
Ion Ratio	Lower	Upper	
202	100		
101	9.5	0.0	30.3
100	7.5	0.0	39.5

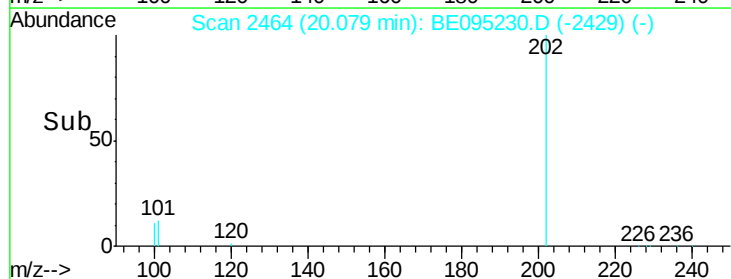
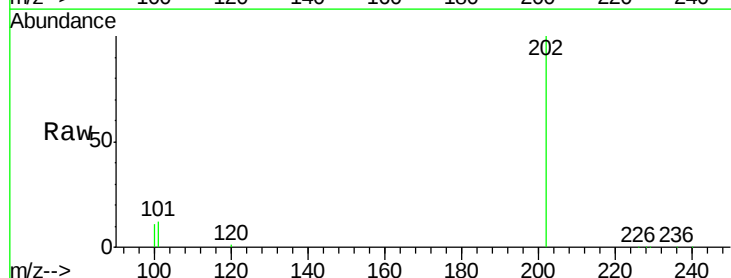
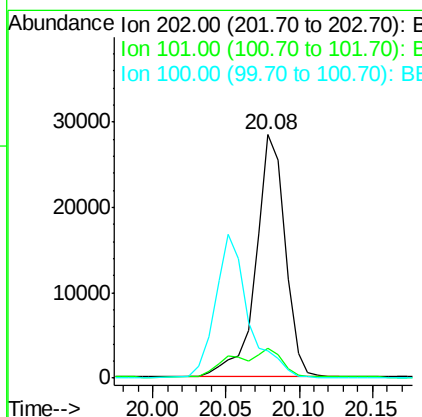
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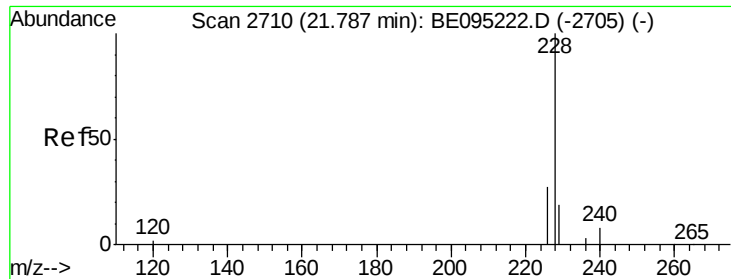
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#17
Pyrene
Concen: 0.732 ng/ul
RT: 20.08 min Scan# 2464
Delta R.T. 0.00 min
Lab File: BE095230.D
Acq: 29 Jan 2018 5:03

Tgt Ion:	202	Resp:	39516
Ion Ratio	Lower	Upper	
202	100		
101	12.4	18.2	27.4#
100	11.3	15.6	23.4#





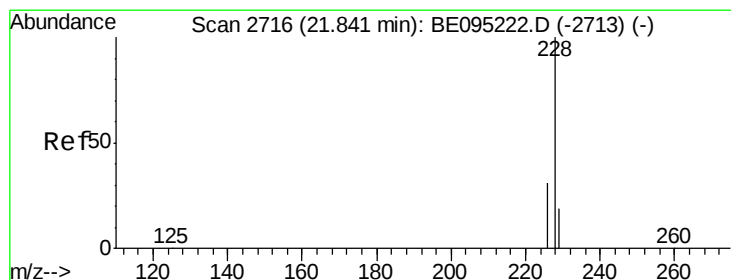
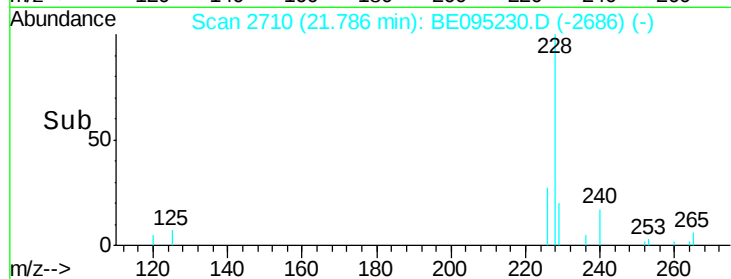
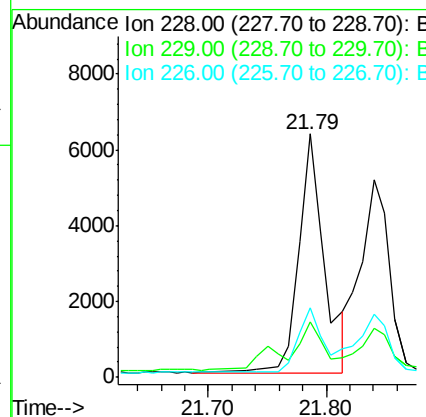
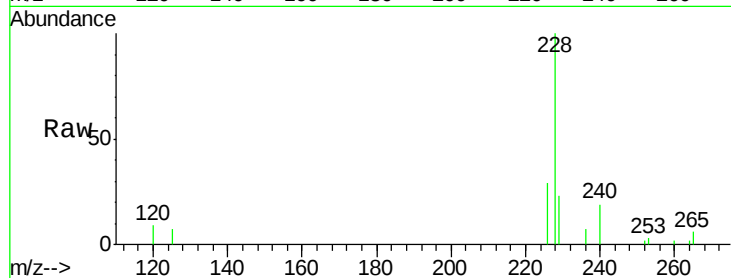
#18
Benzo(a)anthracene
Concen: 0.220 ng/ul
RT: 21.79 min Scan# 2710
Delta R.T. -0.00 min
Lab File: BE095230.D
Acq: 29 Jan 2018 5:03

Instrument :
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ClientSampleId :
F6A75

Tot Ion	Ratio	Lower	Upper
228	100		
229	22.9	22.8	34.2
226	28.8	17.0	25.6

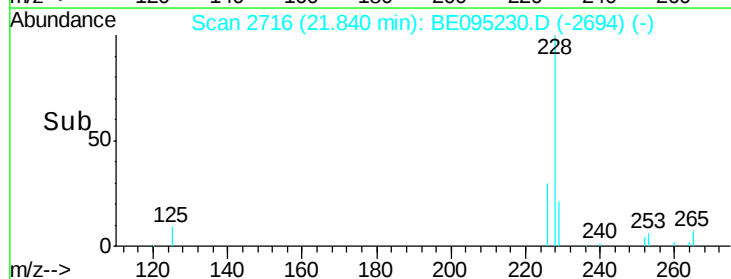
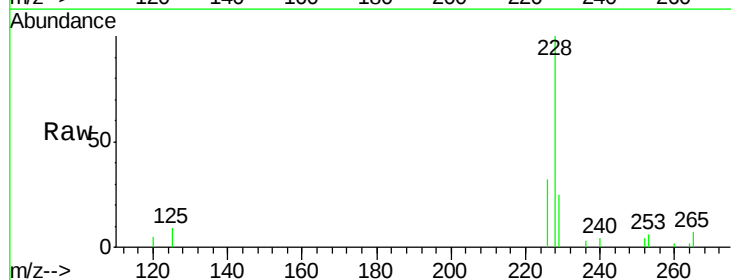
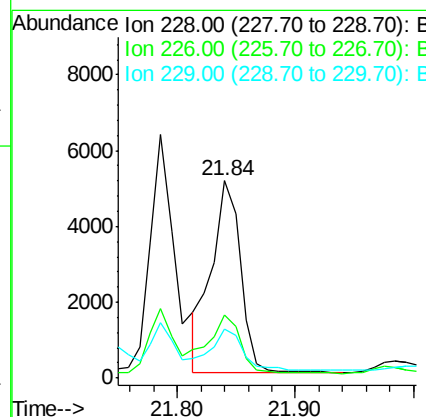
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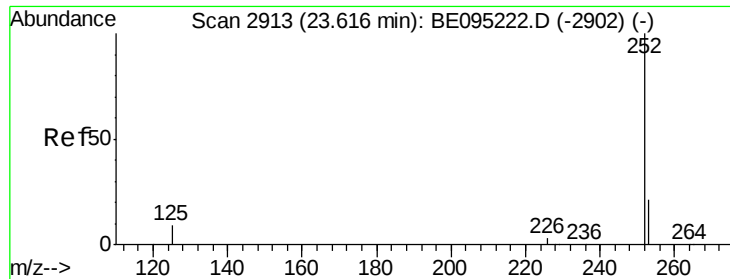
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#19
Chrysene
Concen: 0.167 ng/ul
RT: 21.84 min Scan# 2716
Delta R.T. -0.00 min
Lab File: BE095230.D
Acq: 29 Jan 2018 5:03

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.1	23.4	35.0
229	24.6	17.7	26.5





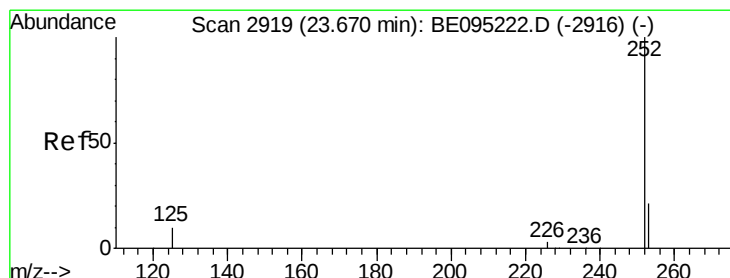
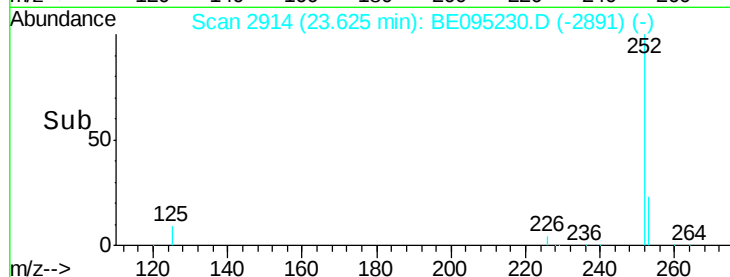
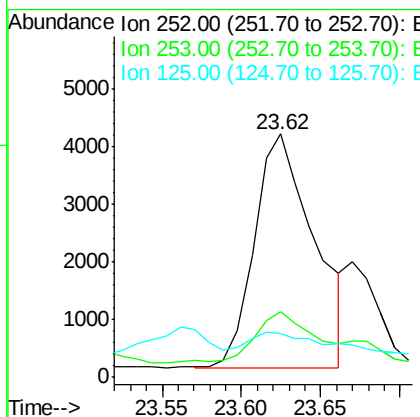
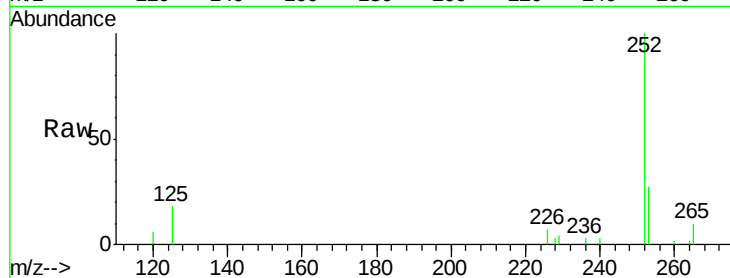
#21
Benzo(b)fluoranthene
Concen: 0.201 ng/ul m
RT: 23.62 min Scan# 2914
Delta R.T. 0.01 min
Lab File: BE095230.D
Acq: 29 Jan 2018 5:03

Instrument :
BNA_E
ClientSampleId :
F6A75

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	27.2	0.0	64.2
125	17.8	0.0	35.0

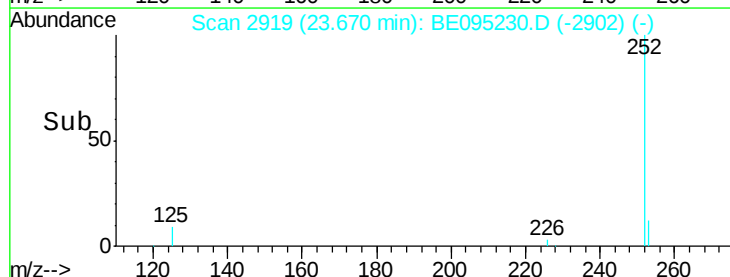
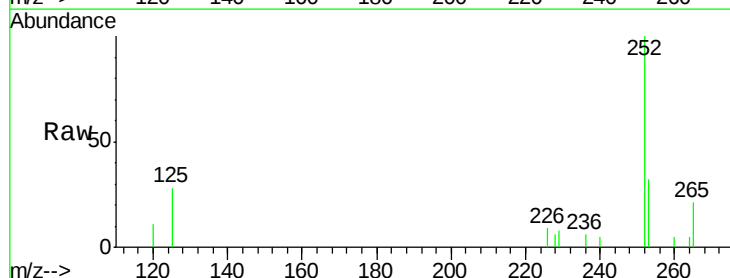
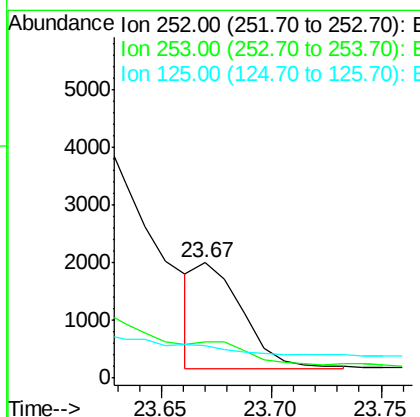
Manual Integrations
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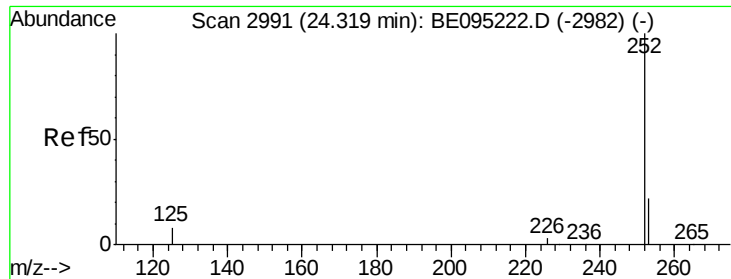
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#22
Benzo(k)fluoranthene
Concen: 0.055 ng/ul m
RT: 23.67 min Scan# 2919
Delta R.T. -0.00 min
Lab File: BE095230.D
Acq: 29 Jan 2018 5:03

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	31.6	24.5	36.7
125	28.4	13.7	20.5#





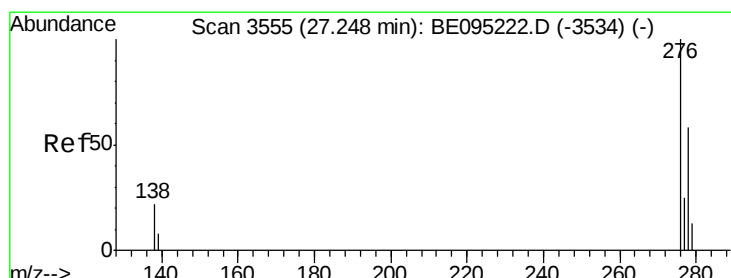
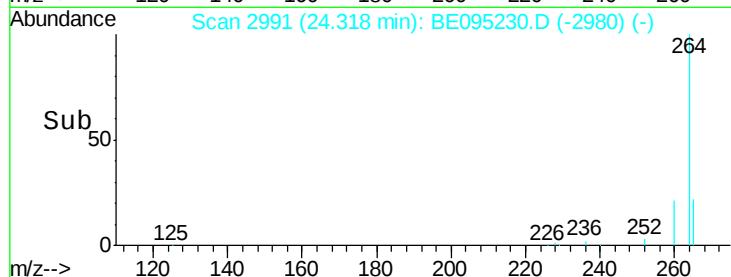
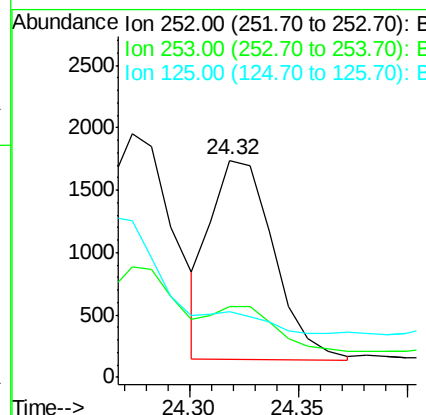
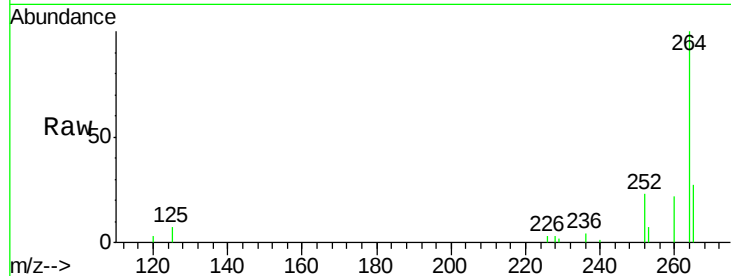
#23
Benzo(a)pyrene
Concen: 0.068 ng/ul m
RT: 24.32 min Scan# 2991
Delta R.T. -0.00 min
Lab File: BE095230.D
Acq: 29 Jan 2018 5:03

Instrument :
BNA_E
ClientSampled :
F6A75

Tot Ion	Ratio	Lower	Upper
252	100		
253	32.6	28.5	42.7
125	30.0	18.1	27.1#

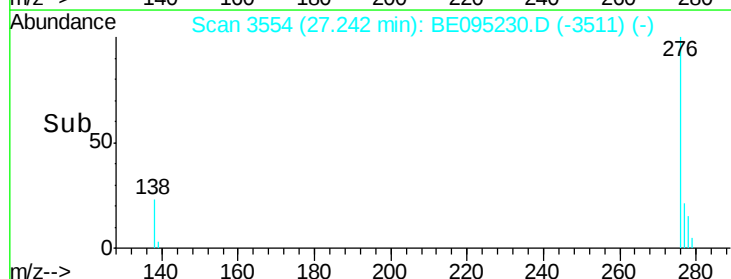
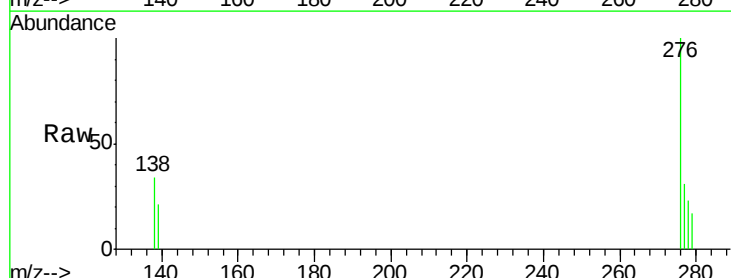
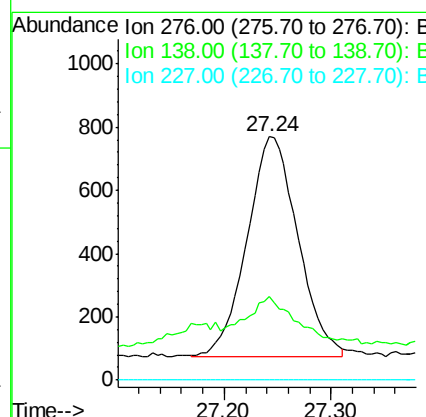
Manual Integrations
APPROVED

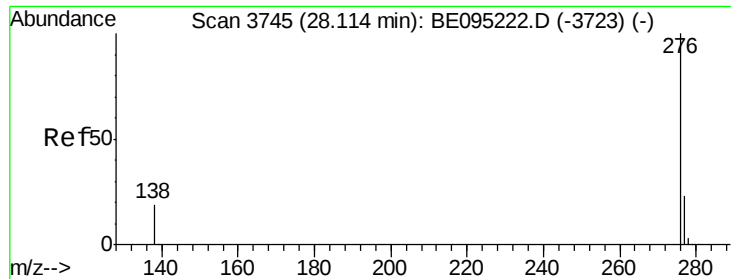
Sohil
1/29/2018 6:26:11 PM



#24
Indeno(1,2,3-cd)pyrene
Concen: 0.045 ng/ul m
RT: 27.24 min Scan# 3554
Delta R.T. -0.01 min
Lab File: BE095230.D
Acq: 29 Jan 2018 5:03

Tgt Ion	Ratio	Lower	Upper
276	100		
138	3.2	28.0	42.0#
227	0.0	8.0	12.0#





#26
 Benzo(a,h,i)perylene
 Concen: 0.047 ng/ul m
 RT: 28.12 min Scan# 3747
 Delta R.T. 0.01 min
 Lab File: BE095230.D
 Acq: 29 Jan 2018 5:03

Instrument :
 BNA_E
 ClientSampleId :
 F6A75

Tot Ion	Ratio	Lower	Upper
276	100		
138	37.1	21.8	32.8#
277	32.6	20.5	30.7#

Manual Integrations
 APPROVED

Sohil
 1/29/2018 6:26:11 PM

