

Data Path : Z:\HPCHEM1\BNA E\DATA\BE013018\
 Data File : BE095312.D
 Acq On : 31 Jan 2018 11:59
 Operator : SJ/JU
 Sample : J1244-01
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 F6B42

Manual Integrations
 APPROVED

Sohil
 1/31/2018 8:29:02 PM

Quant Time: Jan 31 14:33:38 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 31 11:55:47 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.44	152	2641	0.40	ng/ul	0.00
2) Naphthalene-d8	11.26	136	8251	0.40	ng/ul	0.00
6) Acenaphthene-d10	15.02	164	5729	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.71	188	10811	0.40	ng/ul	0.00
16) Chrysene-d12	21.80	240	11039	0.40	ng/ul	0.00
20) Perylene-d12	24.44	264	10310m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.81	152	3336	0.25	ng/ul	0.00
14) Fluoranthene-d10	19.70	212	8763	0.21	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	11.31	128	108699	4.705	ng/ul#	88
5) 2-Methylnaphthalene	12.89	142	53084	3.441	ng/ul	100
7) Acenaphthylene	14.74	152	3102	0.113	ng/ul#	92
8) Acenaphthene	15.08	153	48220	2.255	ng/ul	94
9) Fluorene	16.03	166	28712	1.302	ng/ul#	78
11) Pentachlorophenol	17.36	266	92393	44.124	ng/ul	95
12) Phenanthrene	17.75	178	165385	4.549	ng/ul#	86
13) Anthracene	17.85	178	23432	0.704	ng/ul#	93
15) Fluoranthene	19.73	202	422740	8.979	ng/ul	81
17) Pyrene	20.08	202	316738	8.551	ng/ul#	79
18) Benzo(a)anthracene	21.79	228	62396	1.808	ng/ul#	86
19) Chrysene	21.84	228	48983	1.367	ng/ul	97
21) Benzo(b)fluoranthene	23.62	252	32712m	0.899	ng/ul	
22) Benzo(k)fluoranthene	23.67	252	12785m	0.384	ng/ul	
23) Benzo(a)pyrene	24.32	252	14072m	0.433	ng/ul	
24) Indeno(1,2,3-cd)pyrene	27.24	276	6907m	0.194	ng/ul	
25) Dibenzo(a,h)anthracene	27.26	278	2060m	0.071	ng/ul	
26) Benzo(g,h,i)perylene	28.11	276	5626m	0.187	ng/ul	

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

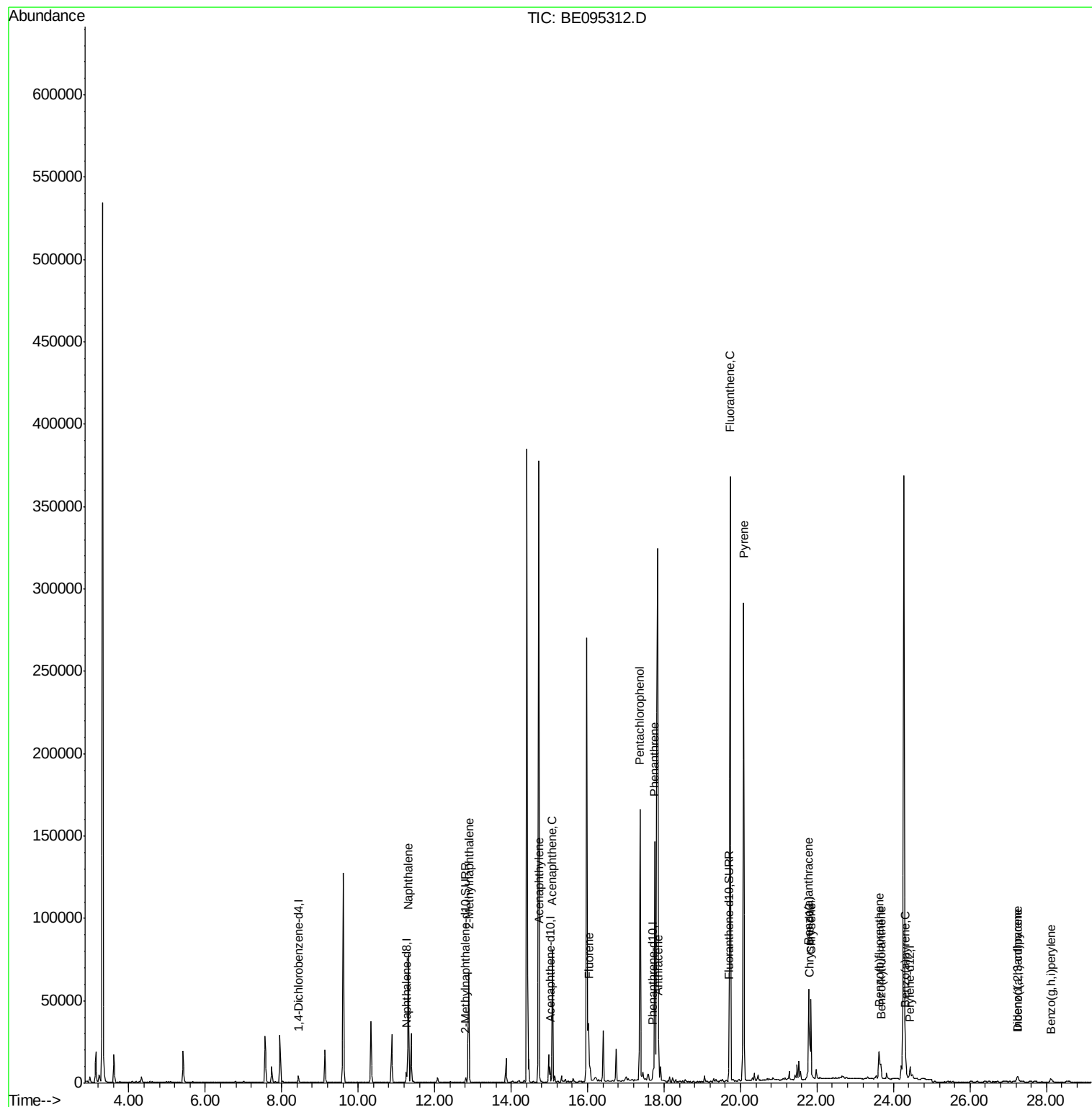
Data Path : Z:\HPCHEM1\BNA E\DATA\BE013018\
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Sample : J1244-01
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ALS Vial : 36 Sample Multiplier: 1

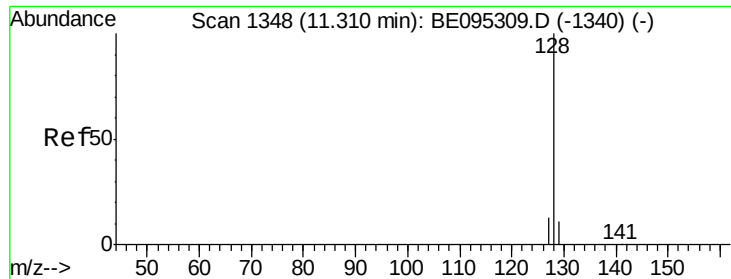
Instrument :
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#3

Naphthalene

Concen: 4.705 ng/ul

RT: 11.31 min Scan# 1348

Delta R.T. -0.00 min

Lab File: BE095312.D

Acq: 31 Jan 2018 11:59

Instrument :

BNA_E

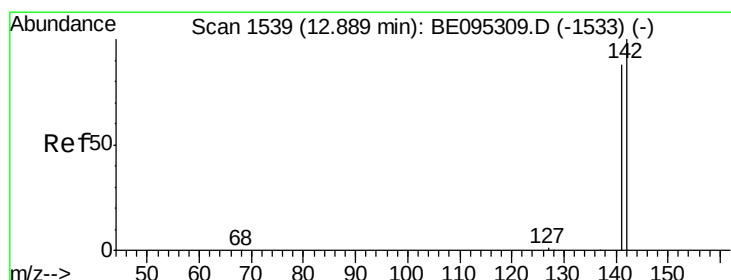
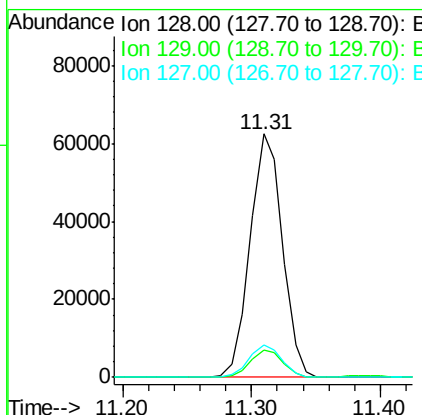
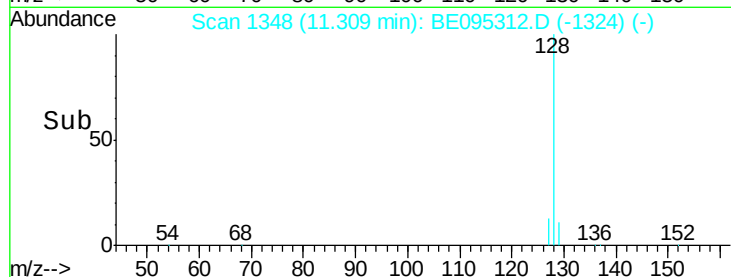
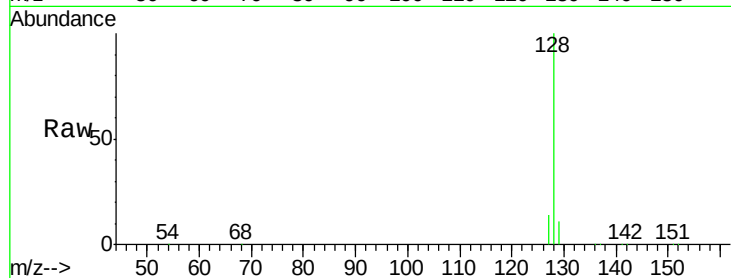
ClientSampleId :

F6B42

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.1	11.3	16.9#
127	13.5	4.0	6.0#

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#5

2-Methylnaphthalene

Concen: 3.441 ng/ul

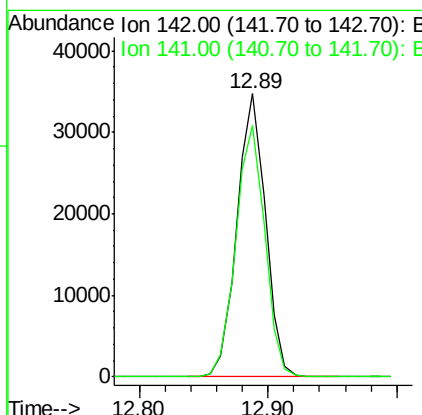
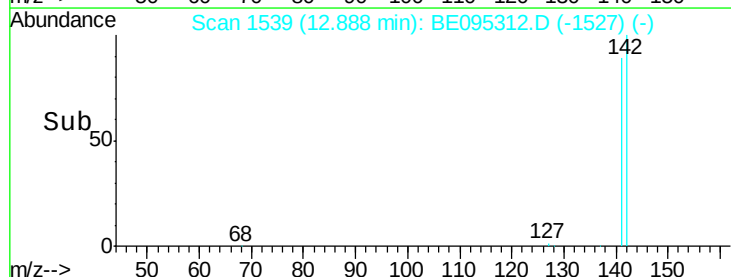
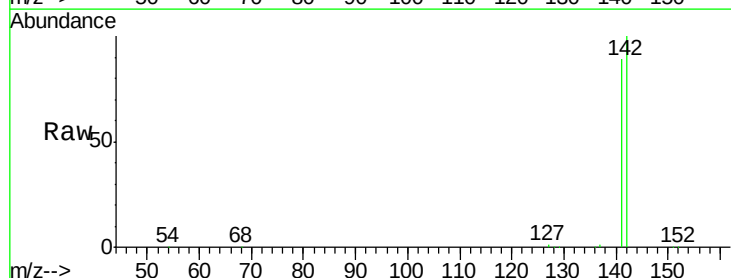
RT: 12.89 min Scan# 1539

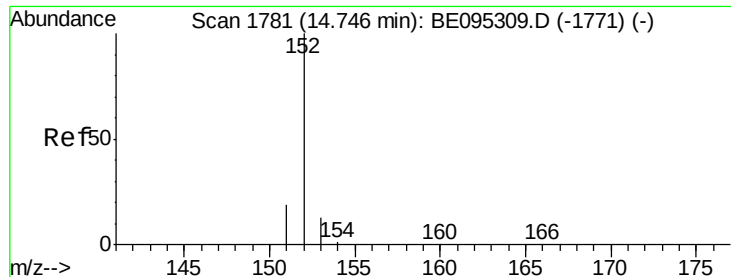
Delta R.T. -0.00 min

Lab File: BE095312.D

Acq: 31 Jan 2018 11:59

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.2	72.6	108.8





#7

Acenaphthylene

Concen: 0.113 ng/ul

RT: 14.74 min Scan# 1781

Delta R.T. -0.00 min

Lab File: BE095312.D

Acq: 31 Jan 2018 11:59

Instrument :

BNA_E

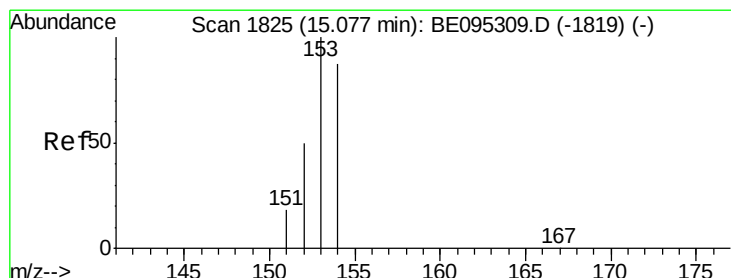
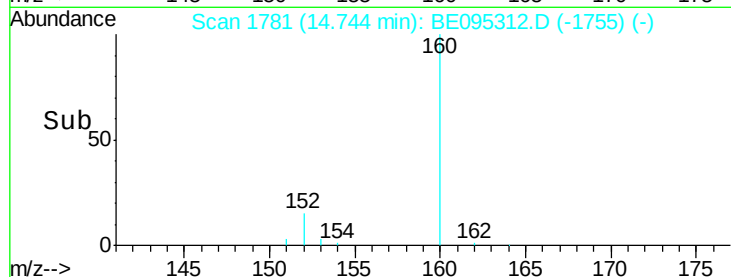
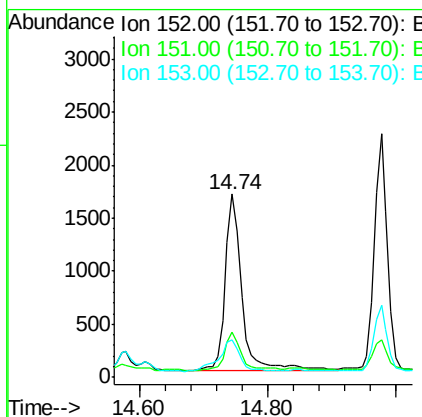
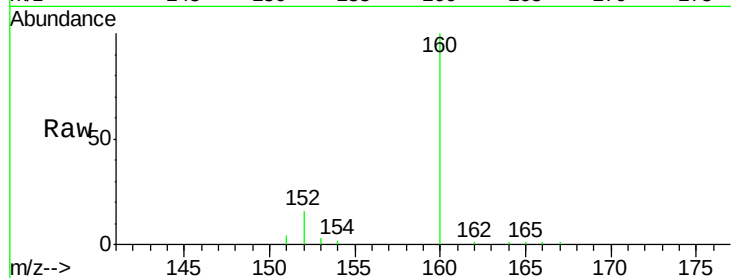
ClientSampleId :

F6B42

Tot Ion:	152	Resp:	3102
Ion Ratio	Lower	Upper	
152	100		
151	24.4	17.1	25.7
153	20.5	12.8	19.2

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#8

Acenaphthene

Concen: 2.255 ng/ul

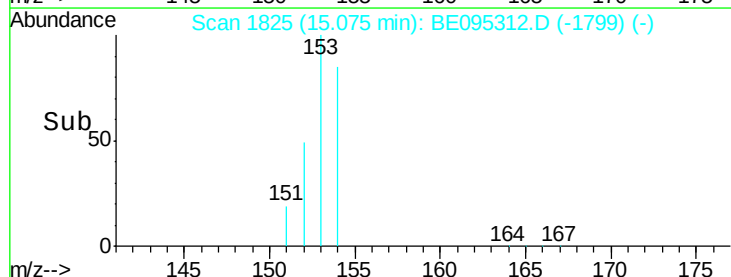
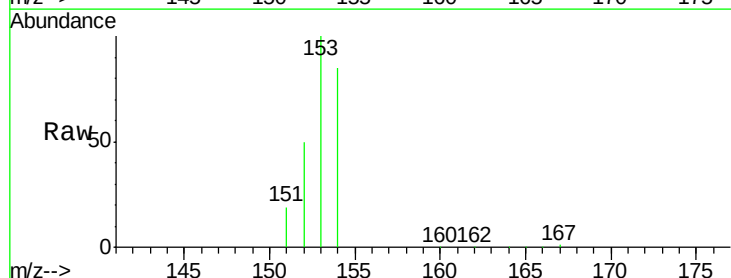
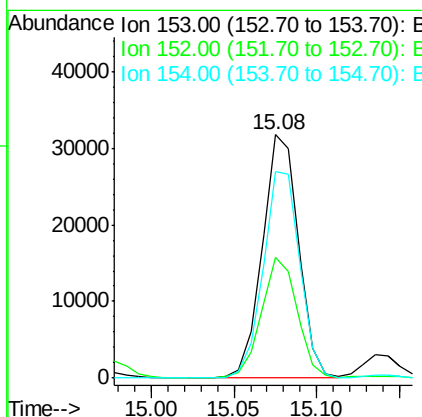
RT: 15.08 min Scan# 1825

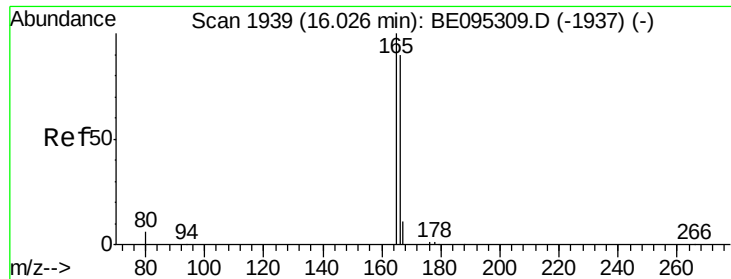
Delta R.T. -0.00 min

Lab File: BE095312.D

Acq: 31 Jan 2018 11:59

Tgt Ion:	153	Resp:	48220
Ion Ratio	Lower	Upper	
153	100		
152	49.6	36.0	54.0
154	84.6	72.0	108.0





#9

Fluorene

Concen: 1.302 ng/ul

RT: 16.03 min Scan# 1939

Delta R.T. 0.00 min

Lab File: BE095312.D

Acq: 31 Jan 2018 11:59

Instrument :

BNA_E

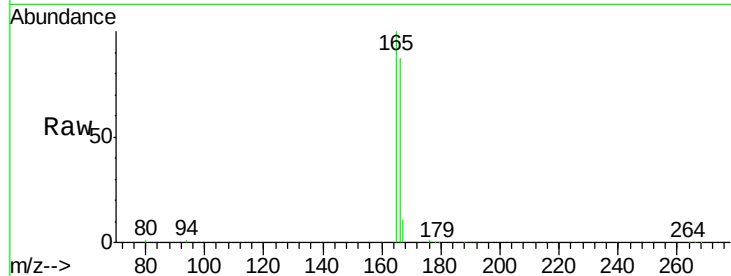
ClientSampleId :

F6B42

Tot Ion	Ratio	Lower	Upper
166	100		
165	114.7	73.4	110.2
167	12.5	14.6	22.0

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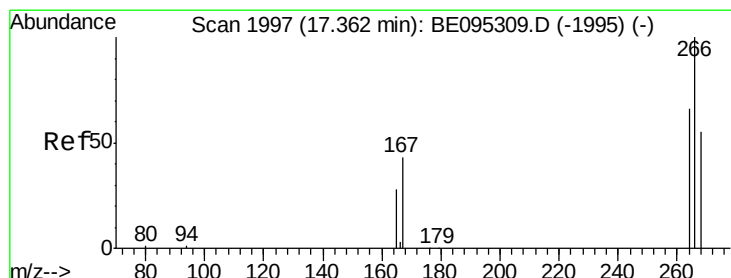
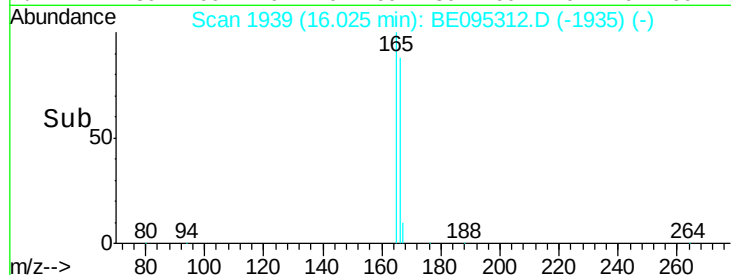
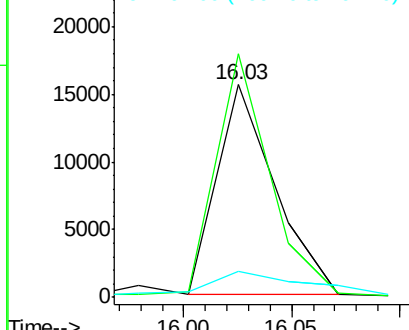


Abundance

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: 44.124 ng/ul

RT: 17.36 min Scan# 1997

Delta R.T. 0.00 min

Lab File: BE095312.D

Acq: 31 Jan 2018 11:59

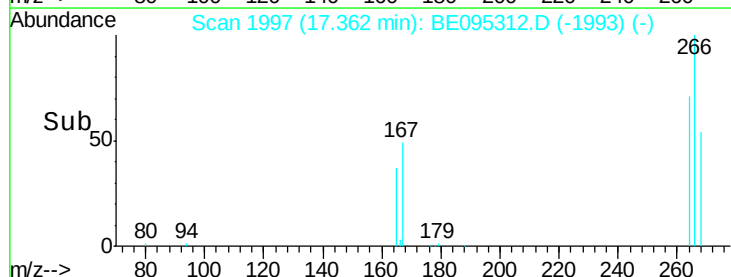
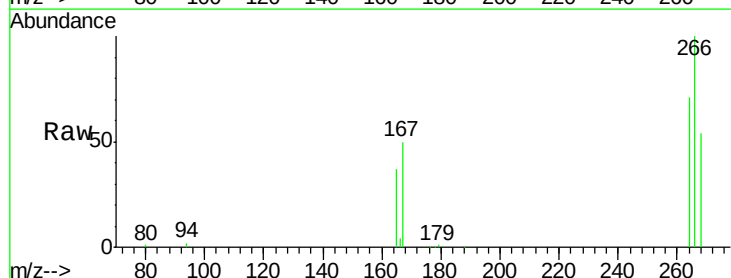
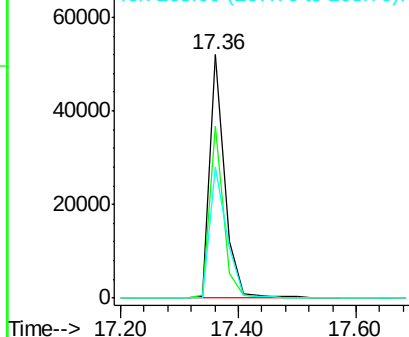
Tgt Ion	Ratio	Lower	Upper
266	100		
264	66.0	47.9	71.9
268	60.9	49.8	74.8

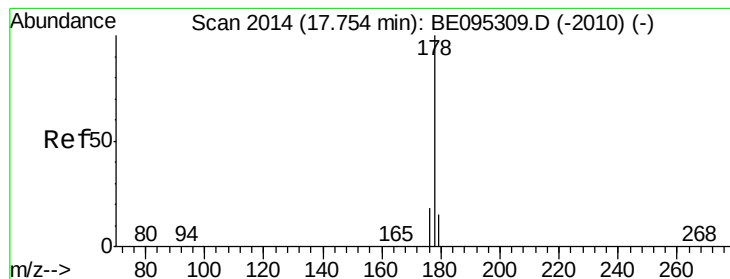
Abundance

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: 4.549 ng/ul

RT: 17.75 min Scan# 2014

Delta R.T. 0.00 min

Lab File: BE095312.D

Acq: 31 Jan 2018 11:59

Instrument :

BNA_E

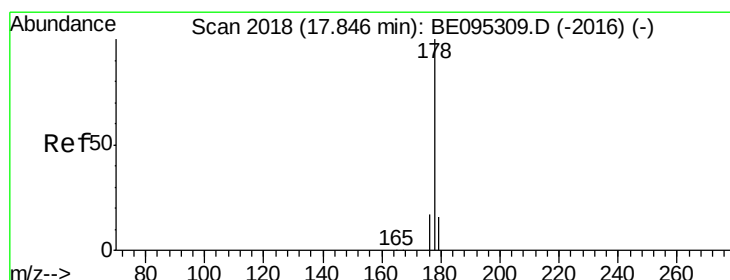
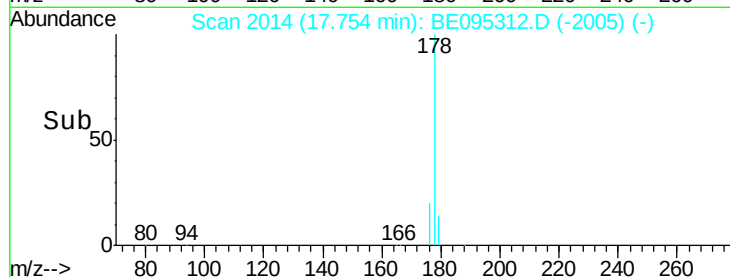
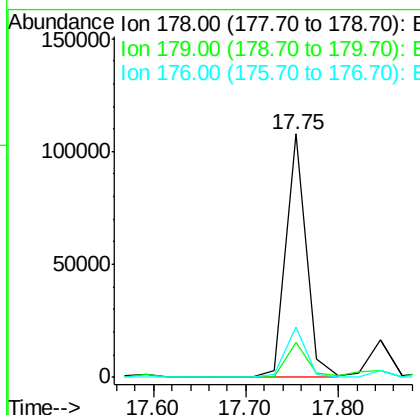
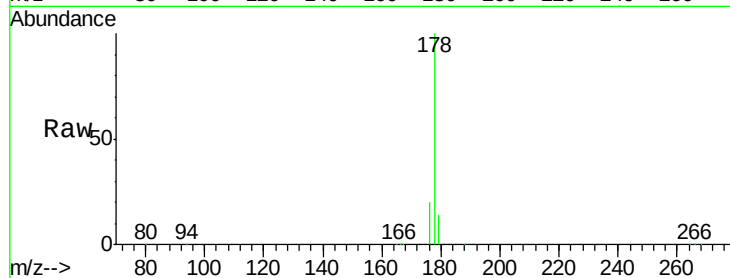
ClientSampled :

F6B42

Tot Ion:178	Resp:	165385
Ion Ratio	Lower	Upper
178	100	
179	14.4	18.4 27.6#
176	20.5	13.6 20.4#

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#13

Anthracene

Concen: 0.704 ng/ul

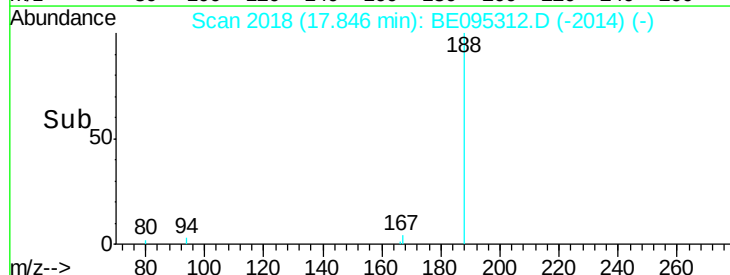
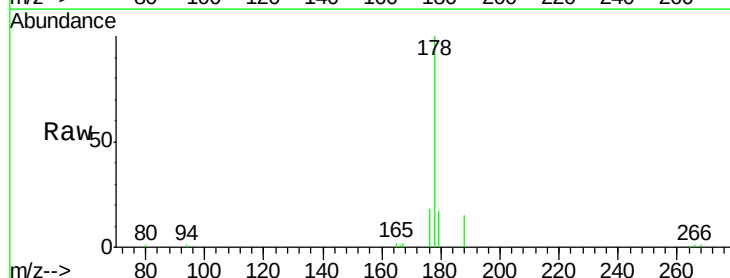
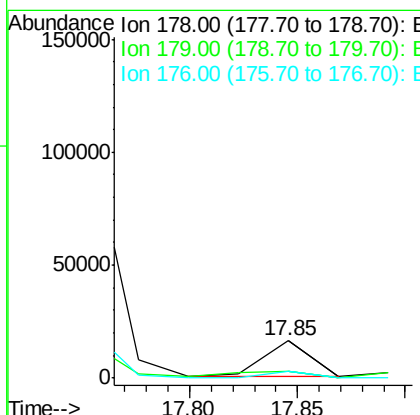
RT: 17.85 min Scan# 2018

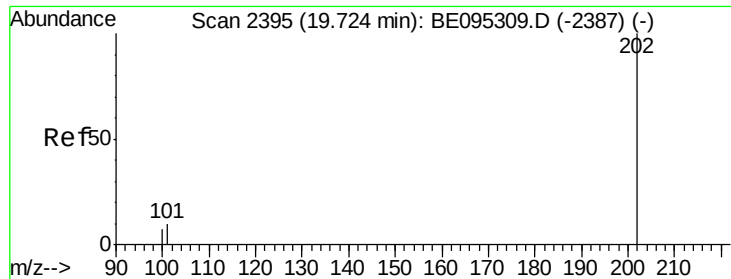
Delta R.T. 0.00 min

Lab File: BE095312.D

Acq: 31 Jan 2018 11:59

Tgt Ion:178	Resp:	23432
Ion Ratio	Lower	Upper
178	100	
179	16.8	18.1 27.1#
176	18.2	14.7 22.1





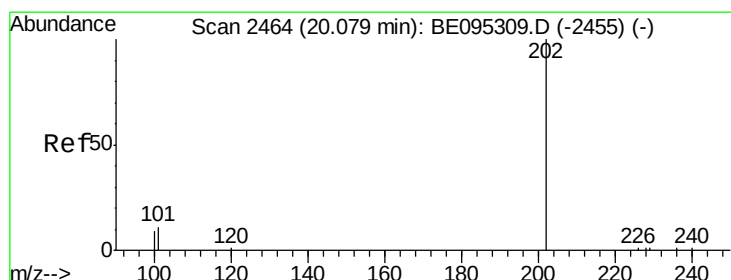
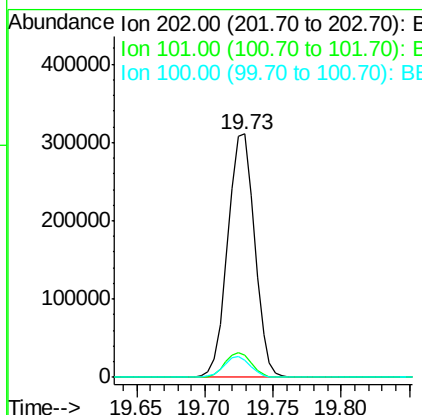
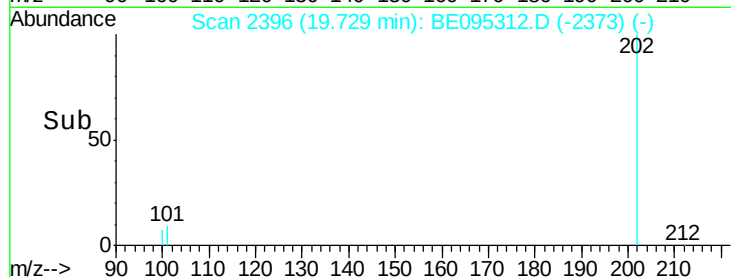
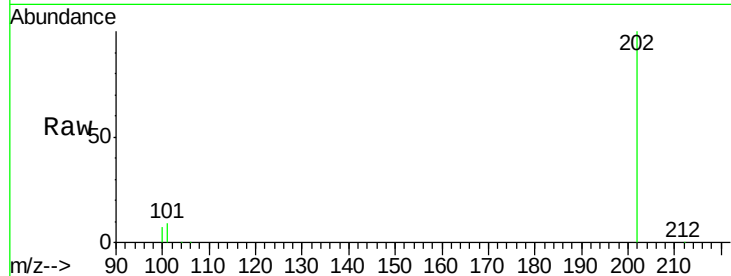
#15
Fluoranthene
 Concen: 8.979 ng/ul
 RT: 19.73 min Scan# 2396
 Delta R.T. 0.01 min
 Lab File: BE095312.D
 Acq: 31 Jan 2018 11:59

Instrument :
 BNA_E
 ClientSampleId :
 F6B42

Tot Ion	Ratio	Resp	Lower	Upper
202	100	422740		
101	9.0	0.0	30.3	
100	7.2	0.0	39.5	

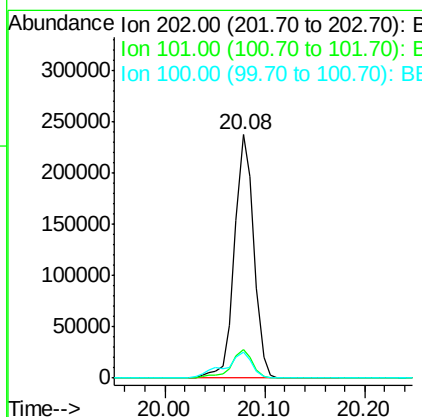
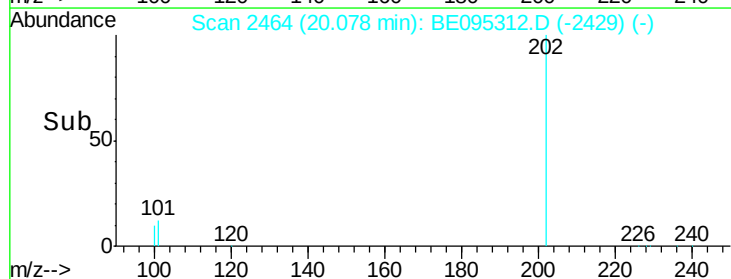
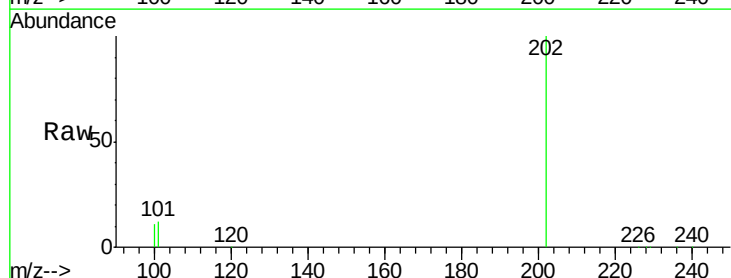
Manual Integrations
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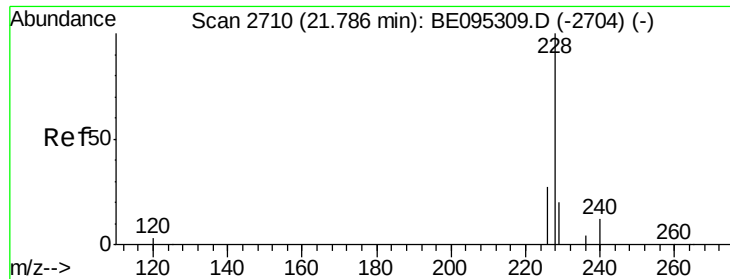
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#17
Pyrene
 Concen: 8.551 ng/ul
 RT: 20.08 min Scan# 2464
 Delta R.T. -0.00 min
 Lab File: BE095312.D
 Acq: 31 Jan 2018 11:59

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	316738		
101	11.7	18.2	27.4#	
100	10.5	15.6	23.4#	





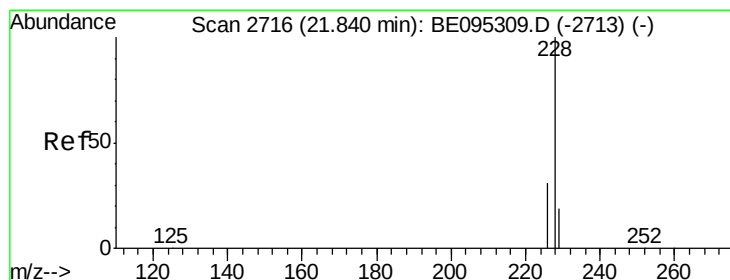
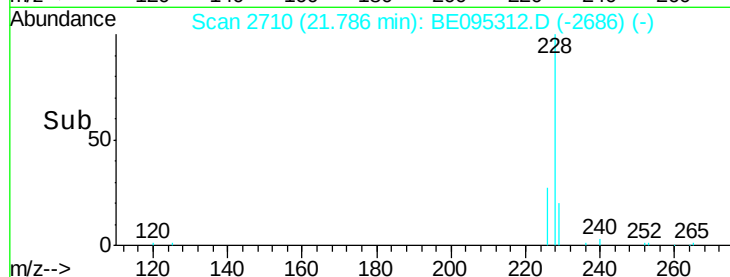
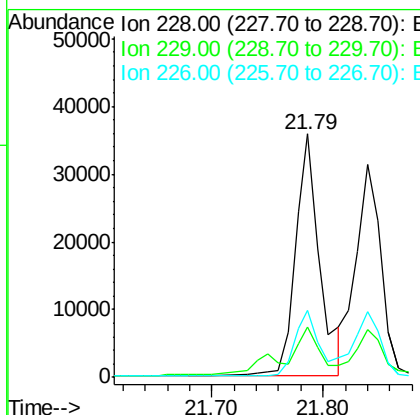
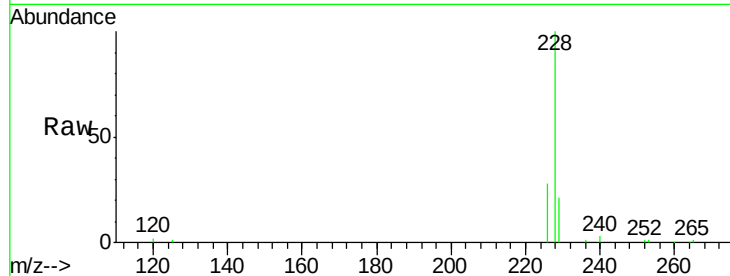
#18
Benzo(a)anthracene
Concen: 1.808 ng/ul
RT: 21.79 min Scan# 2710
Delta R.T. -0.00 min
Lab File: BE095312.D
Acq: 31 Jan 2018 11:59

Instrument :
BNA_E
ClientSampled :
F6B42

Tot Ion	Ratio	Lower	Upper
228	100		
229	20.8	22.8	34.2#
226	27.5	17.0	25.6#

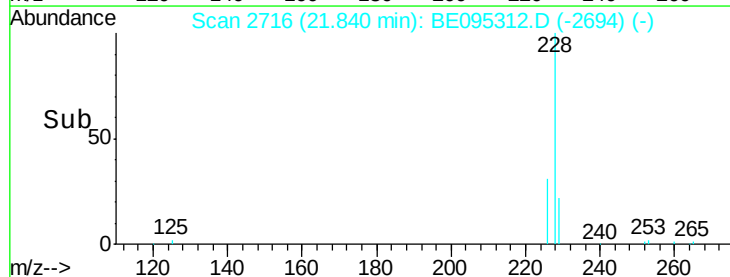
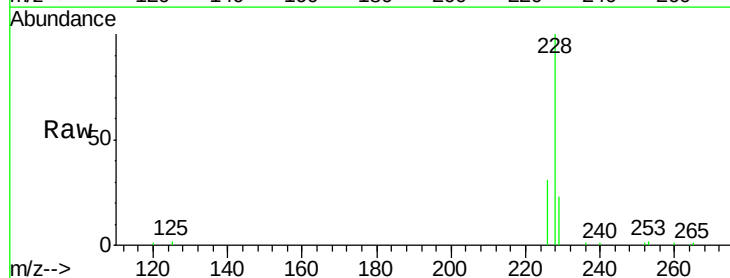
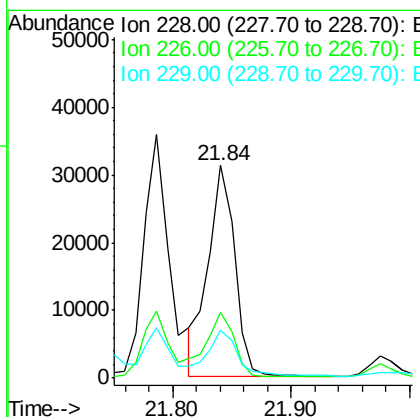
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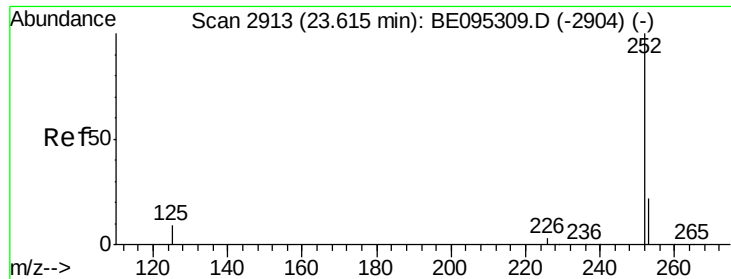
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#19
Chrysene
Concen: 1.367 ng/ul
RT: 21.84 min Scan# 2716
Delta R.T. -0.00 min
Lab File: BE095312.D
Acq: 31 Jan 2018 11:59

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.1	23.4	35.0
229	22.7	17.7	26.5





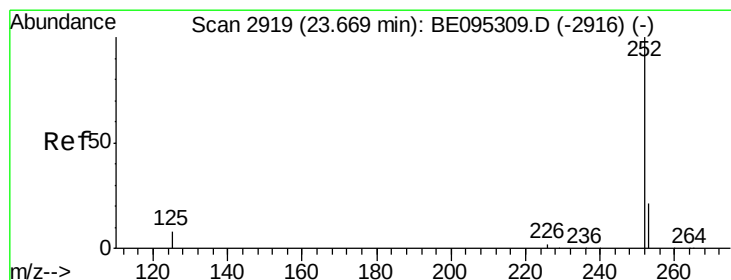
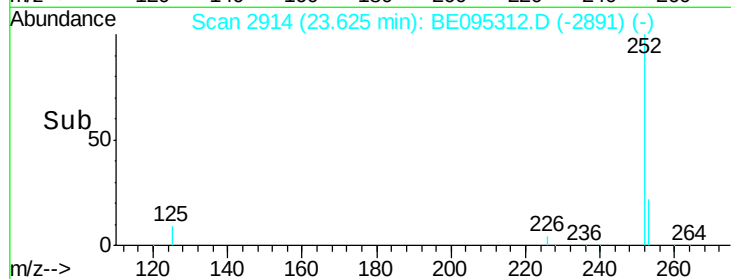
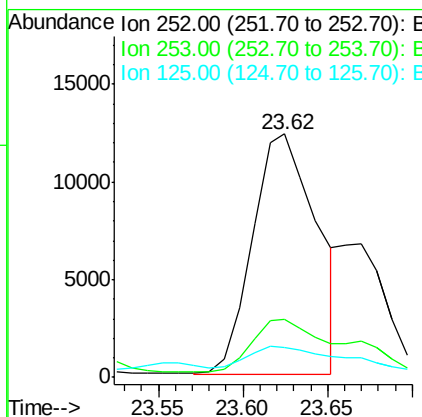
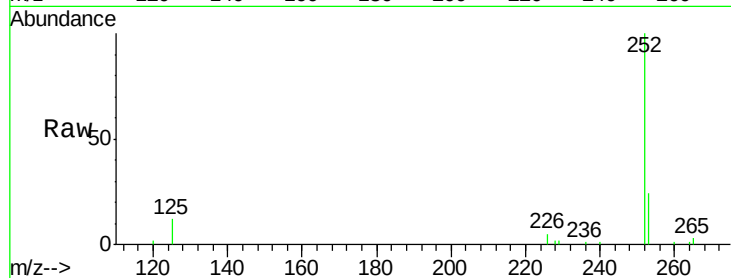
#21
Benzo(b)fluoranthene
Concen: 0.899 ng/ul m
RT: 23.62 min Scan# 2914
Delta R.T. 0.01 min
Lab File: BE095312.D
Acq: 31 Jan 2018 11:59

Instrument :
BNA_E
ClientSampleId :
F6B42

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	23.9	0.0	64.2
125	12.1	0.0	35.0

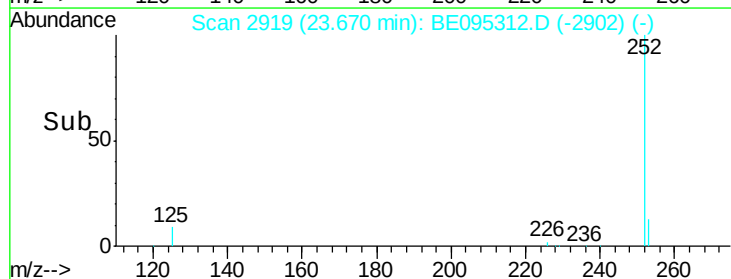
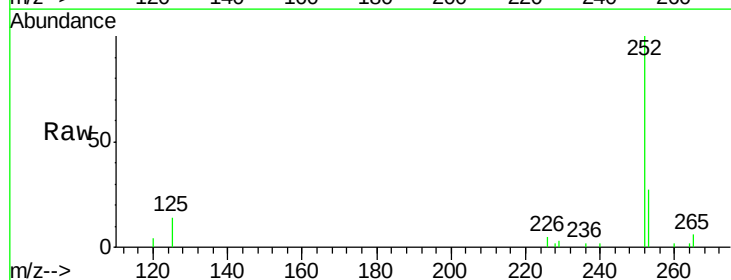
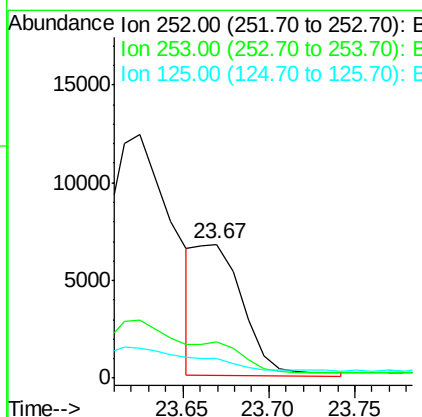
Manual Integrations
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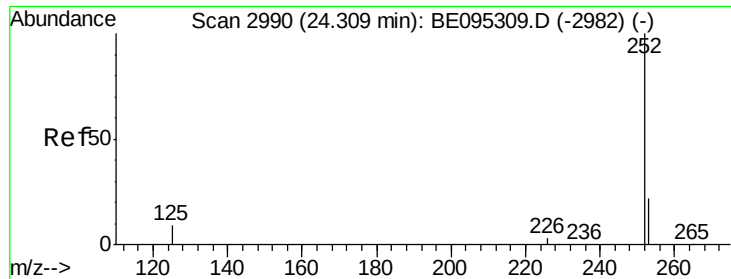
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#22
Benzo(k)fluoranthene
Concen: 0.384 ng/ul m
RT: 23.67 min Scan# 2919
Delta R.T. -0.00 min
Lab File: BE095312.D
Acq: 31 Jan 2018 11:59

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	26.6	24.5	36.7
125	14.3	13.7	20.5





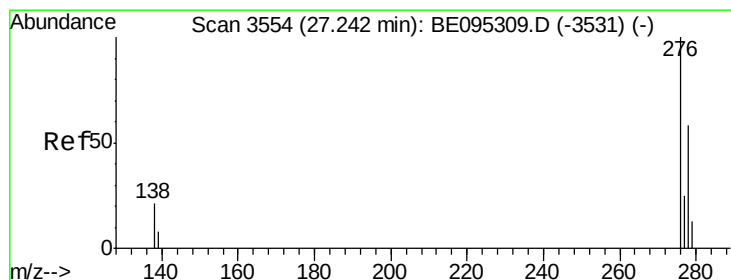
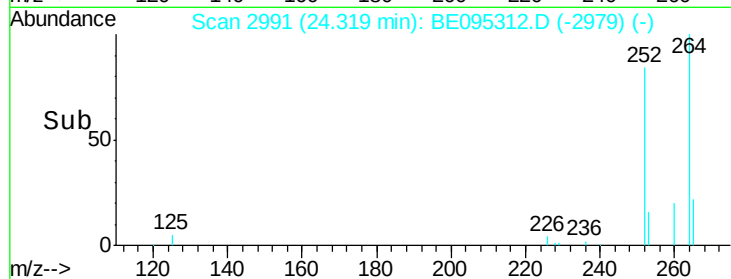
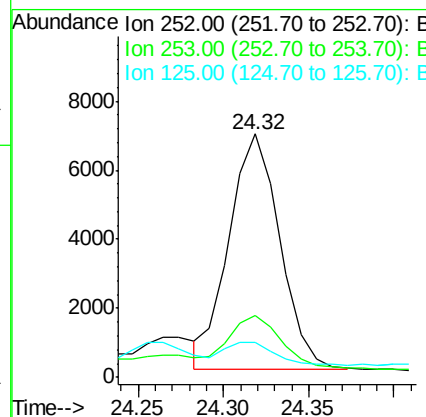
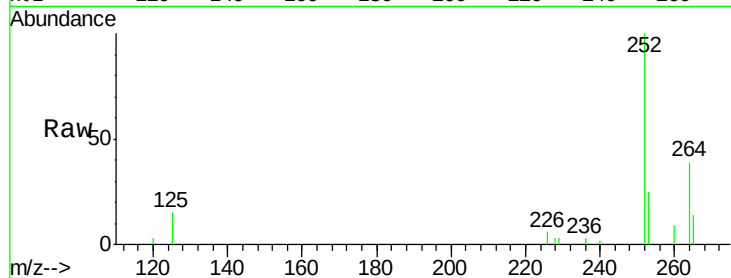
#23
Benzo(a)pyrene
Concen: 0.433 ng/ul m
RT: 24.32 min Scan# 2991
Delta R.T. 0.01 min
Lab File: BE095312.D
Acq: 31 Jan 2018 11:59

Instrument :
BNA_E
ClientSampleId :
F6B42

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.5	28.5	42.7#
125	14.5	18.1	27.1#

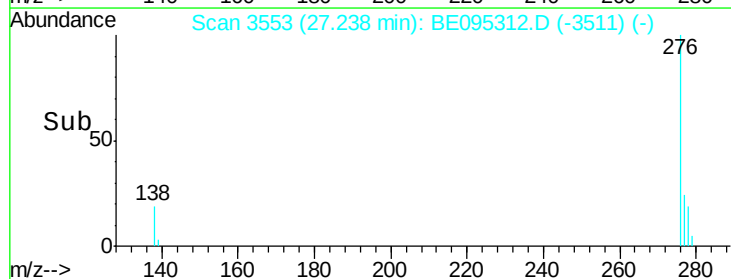
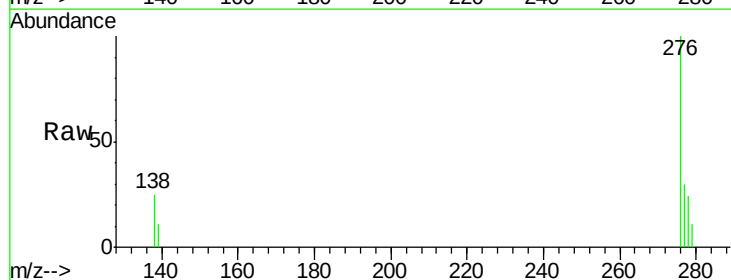
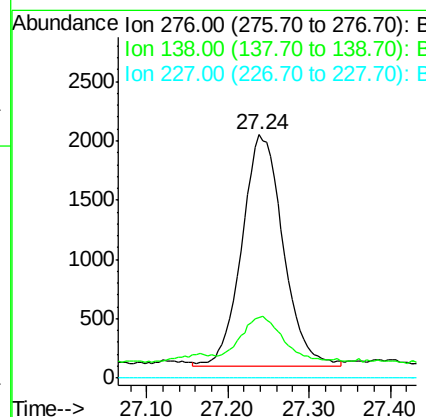
Manual Integrations
APPROVED

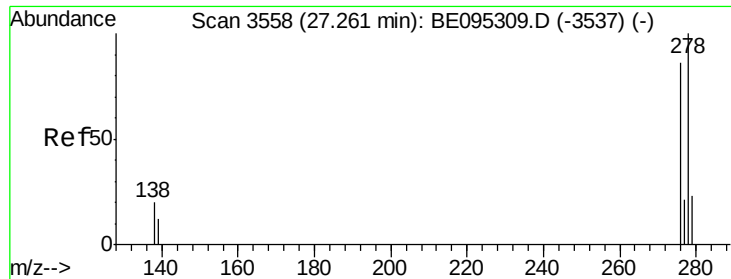
Sohil
1/31/2018 8:29:02 PM



#24
Indeno(1,2,3-cd)pyrene
Concen: 0.194 ng/ul m
RT: 27.24 min Scan# 3553
Delta R.T. -0.01 min
Lab File: BE095312.D
Acq: 31 Jan 2018 11:59

Tgt Ion	Ratio	Lower	Upper
276	100		
138	0.4	28.0	42.0#
227	0.0	8.0	12.0#





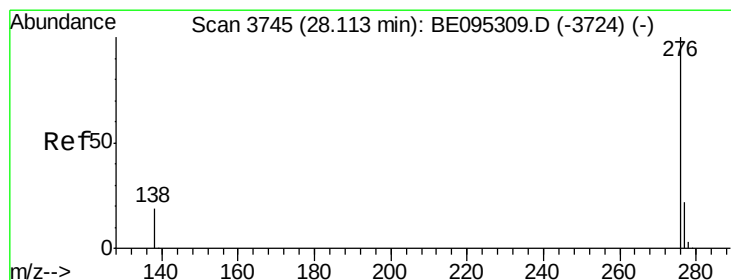
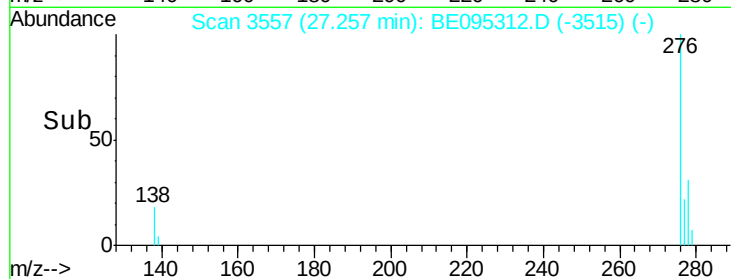
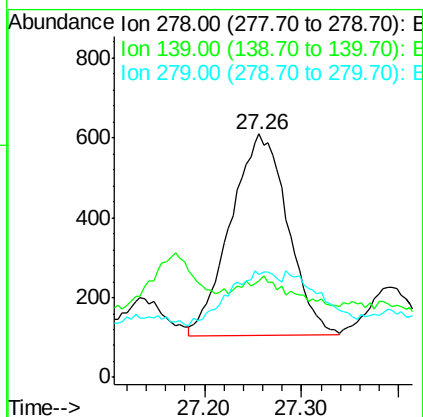
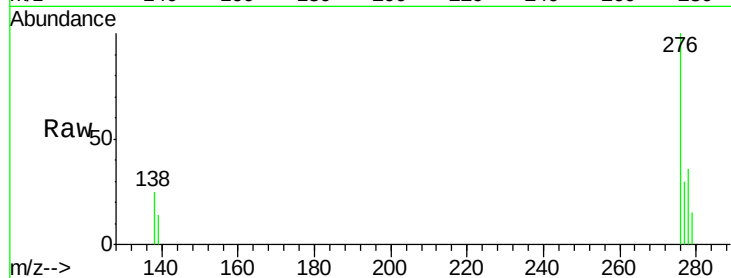
#25
Dibenzo(a,h)anthracene
Concen: 0.071 ng/ul m
RT: 27.26 min Scan# 3557
Delta R.T. -0.01 min
Lab File: BE095312.D
Acq: 31 Jan 2018 11:59

Instrument :
BNA_E
ClientSampleId :
F6B42

Tot Ion	Ratio	Lower	Upper
278	100		
139	39.7	17.4	26.0#
279	42.1	25.9	38.9#

Manual Integrations
APPROVED

Sohil
1/31/2018 8:29:02 PM



#26
Benzo(g,h,i)perylene
Concen: 0.187 ng/ul m
RT: 28.11 min Scan# 3745
Delta R.T. -0.00 min
Lab File: BE095312.D
Acq: 31 Jan 2018 11:59

Tgt Ion	Ratio	Lower	Upper
276	100		
138	26.5	21.8	32.8
277	29.6	20.5	30.7

