

Data Path : U:\HPCHEM1\BNA E\DATA\BE012018\
 Data File : BE095085.D
 Acq On : 20 Jan 2018 12:23
 Operator : SJ/JU
 Sample : J1216-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 B0AE6

Manual Integrations
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Sohil
 1/22/2018 5:22:29 PM

Quant Time: Jan 22 12:14:51 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE011918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 22 04:29:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.46	152	4296	0.40	ng/ul	0.00
2) Naphthalene-d8	11.28	136	14481	0.40	ng/ul	0.00
6) Acenaphthene-d10	15.04	164	9285	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.73	188	17979m	0.40	ng/ul	0.00
16) Chrysene-d12	21.83	240	18979	0.40	ng/ul	0.00
20) Perylene-d12	24.48	264	15531m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.84	152	8406	0.35	ng/ul	0.00
14) Fluoranthene-d10	19.72	212	21964	0.39	ng/ul	0.00
Target Compounds					Ovalue	
3) Naphthalene	11.33	128	5089	0.133	ng/ul#	91
5) 2-Methylnaphthalene	12.91	142	3112	0.116	ng/ul	98
7) Acenaphthylene	14.77	152	14481	0.348	ng/ul	97
8) Acenaphthene	15.10	153	8983	0.278	ng/ul	93
9) Fluorene	16.05	166	12527	0.363	ng/ul#	78
12) Phenanthrene	17.78	178	230057	4.819	ng/ul#	87
13) Anthracene	17.87	178	25120	0.603	ng/ul#	91
15) Fluoranthene	19.75	202	324344	5.316	ng/ul	84
17) Pyrene	20.10	202	326595	4.734	ng/ul#	80
18) Benzo(a)anthracene	21.81	228	132000	2.514	ng/ul#	86
19) Chrysene	21.87	228	123637	2.110	ng/ul	97
21) Benzo(b)fluoranthene	23.67	252	123606m	2.364	ng/ul	
22) Benzo(k)fluoranthene	23.71	252	43272m	0.897	ng/ul	
23) Benzo(a)pyrene	24.36	252	97350m	2.181	ng/ul	
24) Indeno(1,2,3-cd)pyrene	27.31	276	56378m	1.422	ng/ul	
25) Dibenzo(a,h)anthracene	27.32	278	14930m	0.527	ng/ul	
26) Benzo(a,h,i)perylene	28.19	276	48518m	1.231	ng/ul	

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

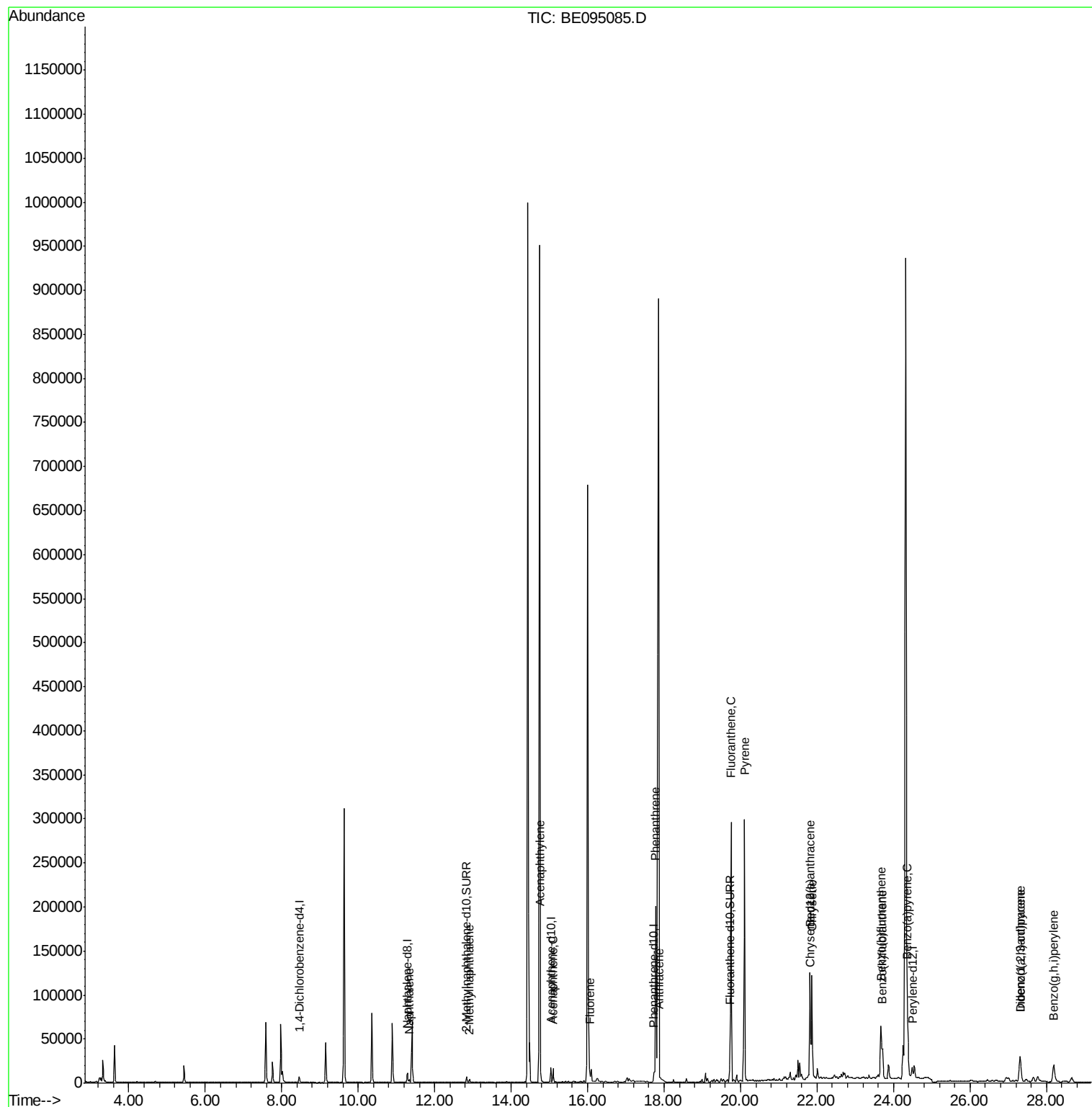
Data Path : U:\HPCHEM1\BNA E\DATA\BE012018\
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ALS Vial : 7 Sample Multiplier: 1

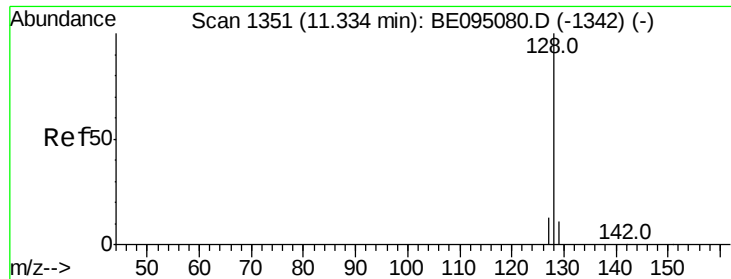
Instrument :
BNA_E
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Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE011918.M
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#3

Naphthalene

Concen: 0.133 ng/ul

RT: 11.33 min Scan# 1351

Delta R.T. -0.00 min

Lab File: BE095085.D

Acq: 20 Jan 2018 12:23

Instrument :

BNA_E

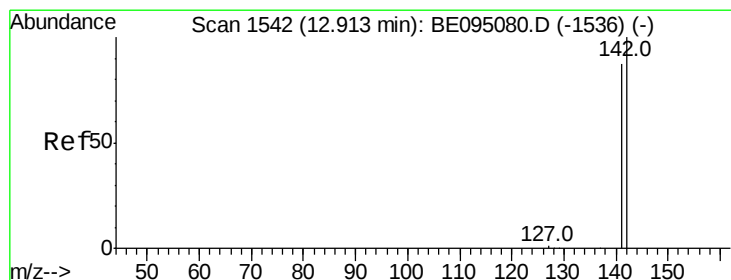
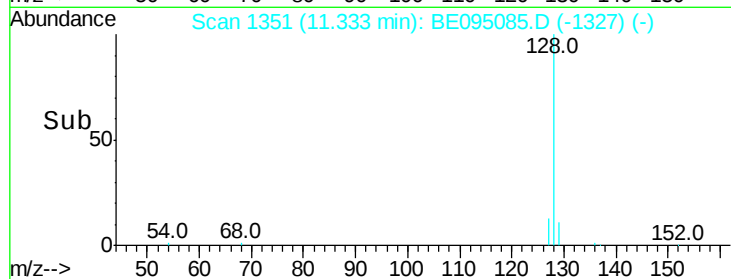
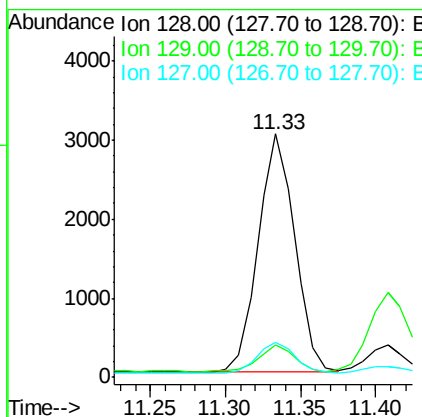
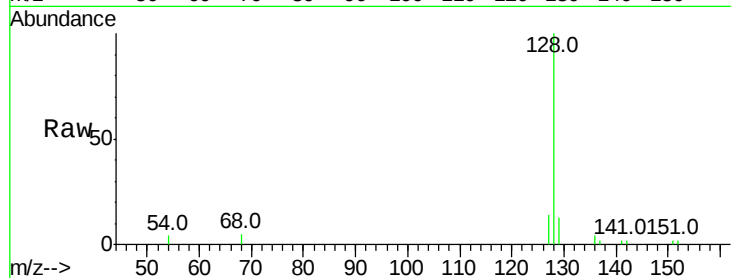
ClientSampled :

B0AE6

Tot Ion:	128	Resp:	5089
Ion Ratio	Lower	Upper	
128	100		
129	13.3	11.3	16.9
127	14.3	4.0	6.0#

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#5

2-Methylnaphthalene

Concen: 0.116 ng/ul

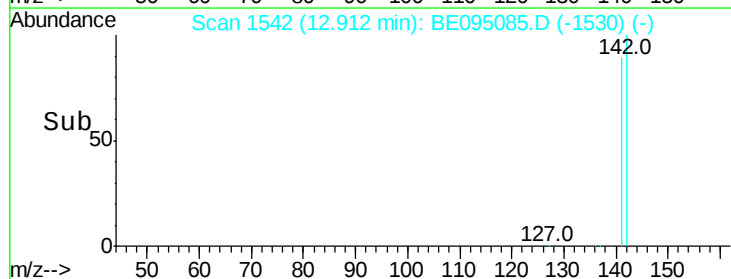
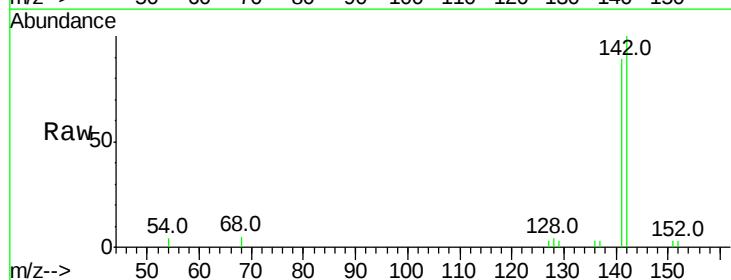
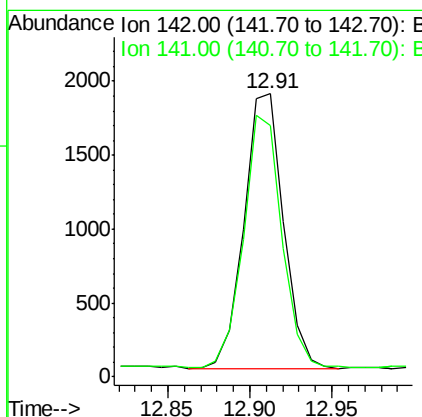
RT: 12.91 min Scan# 1542

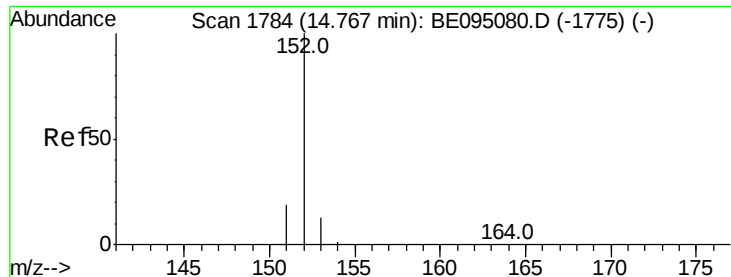
Delta R.T. -0.00 min

Lab File: BE095085.D

Acq: 20 Jan 2018 12:23

Tgt Ion:	142	Resp:	3112
Ion Ratio	Lower	Upper	
142	100		
141	89.0	72.6	108.8





#7

Acenaphthylene

Concen: 0.348 ng/ul

RT: 14.77 min Scan# 1784

Delta R.T. 0.00 min

Lab File: BE095085.D

Acq: 20 Jan 2018 12:23

Instrument :

BNA_E

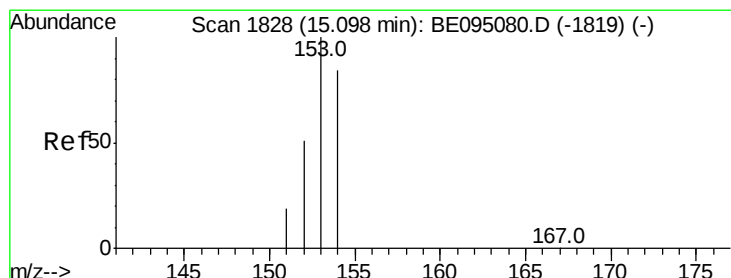
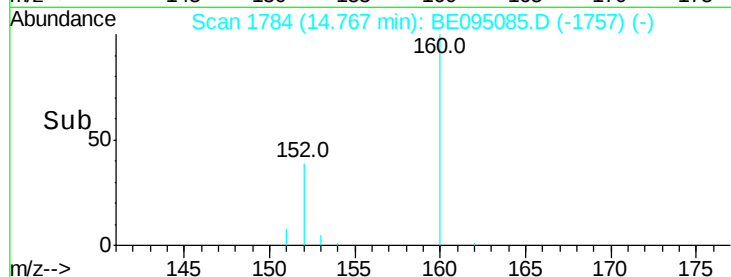
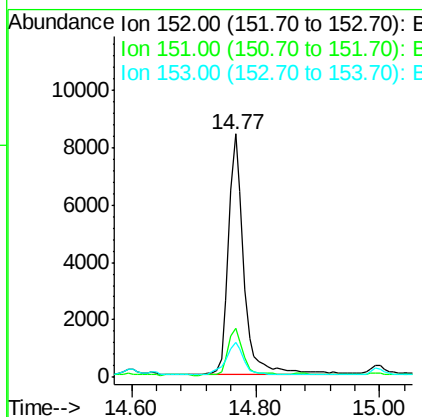
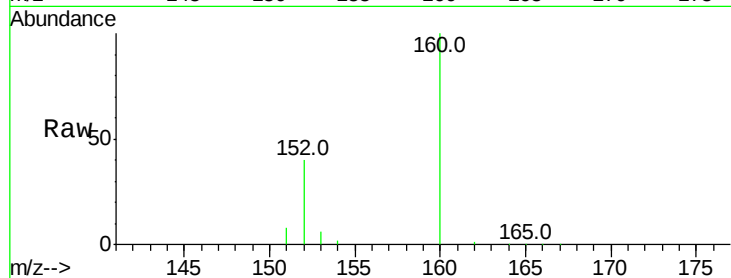
ClientSampleId :

B0AE6

Tot Ion:	152	Resp:	14481
Ion Ratio	Lower	Upper	
152	100		
151	20.3	17.1	25.7
153	14.4	12.8	19.2

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#8

Acenaphthene

Concen: 0.278 ng/ul

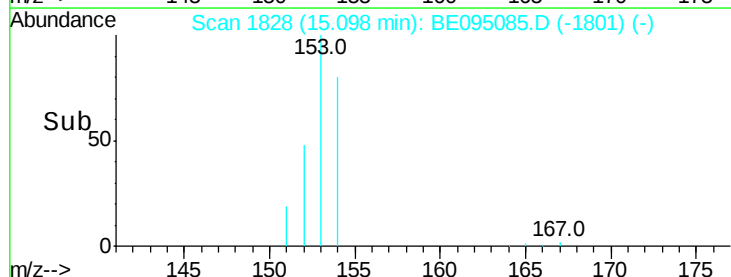
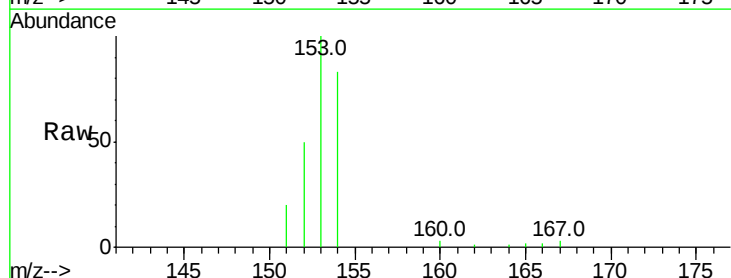
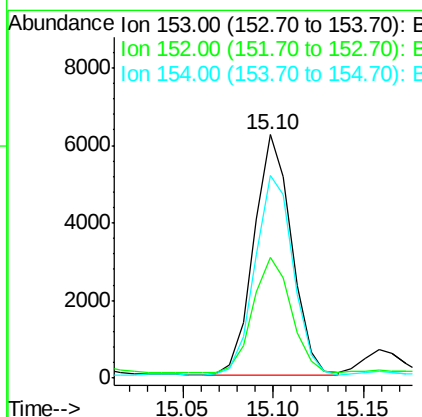
RT: 15.10 min Scan# 1828

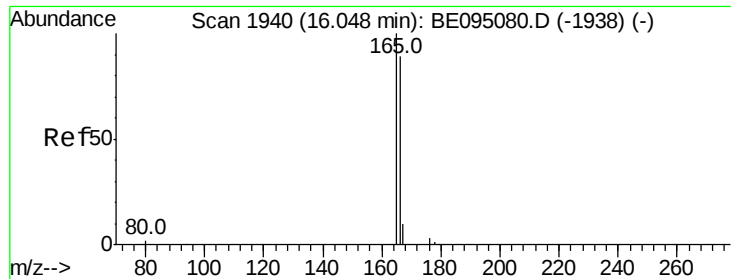
Delta R.T. 0.00 min

Lab File: BE095085.D

Acq: 20 Jan 2018 12:23

Tgt Ion:	153	Resp:	8983
Ion Ratio	Lower	Upper	
153	100		
152	49.8	36.0	54.0
154	83.3	72.0	108.0





#9

Fluorene

Concen: 0.363 ng/ul

RT: 16.05 min Scan# 1940

Delta R.T. -0.00 min

Lab File: BE095085.D

Acq: 20 Jan 2018 12:23

Instrument :

BNA_E

ClientSampleId :

B0AE6

Tot Ion:166 Resp: 12527

Ion Ratio Lower Upper

166 100

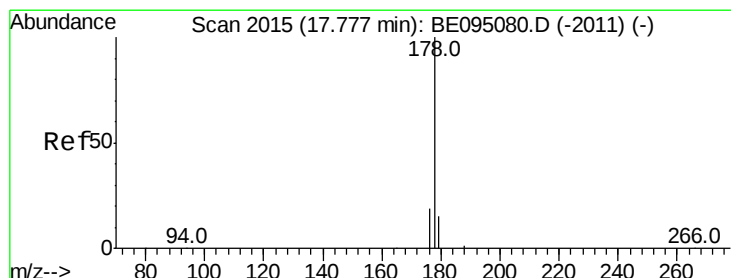
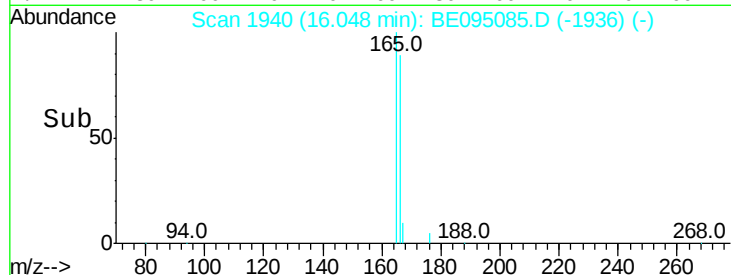
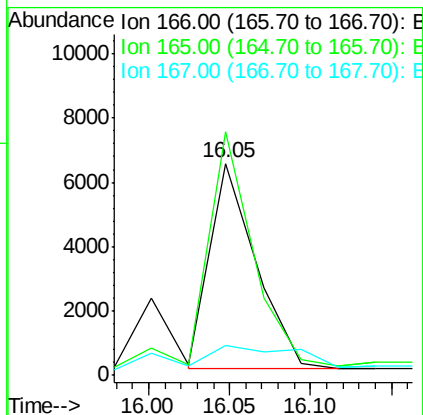
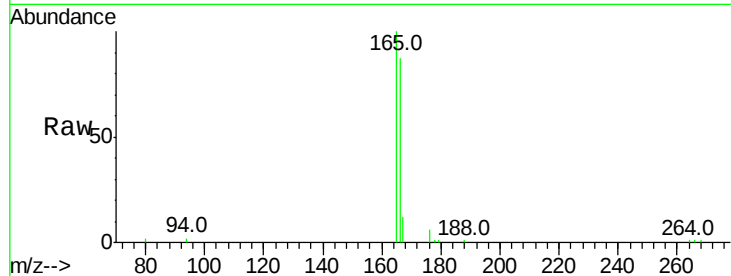
165 114.7 73.4 110.2#

167 14.1 14.6 22.0#

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#12

Phenanthrene

Concen: 4.819 ng/ul

RT: 17.78 min Scan# 2015

Delta R.T. -0.00 min

Lab File: BE095085.D

Acq: 20 Jan 2018 12:23

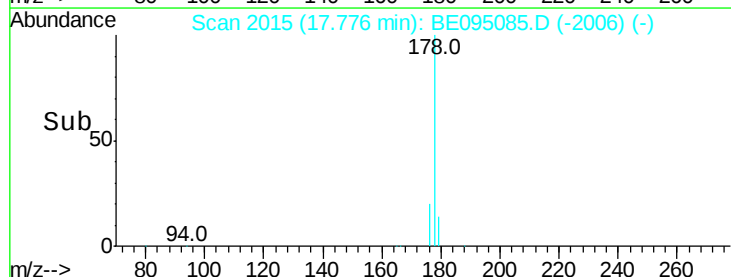
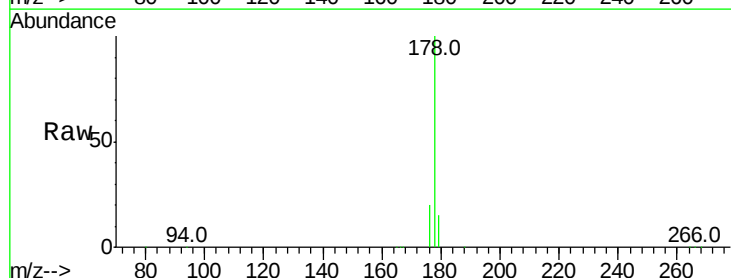
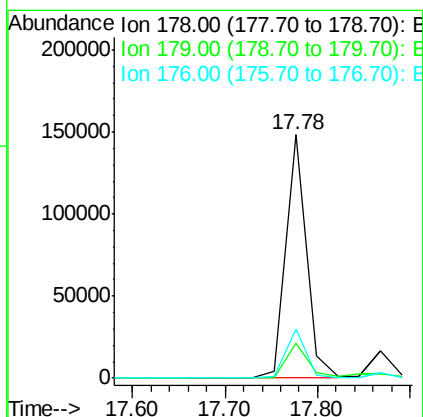
Tgt Ion:178 Resp: 230057

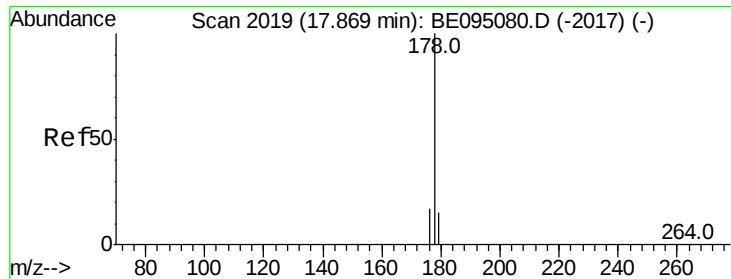
Ion Ratio Lower Upper

178 100

179 14.6 18.4 27.6#

176 20.1 13.6 20.4





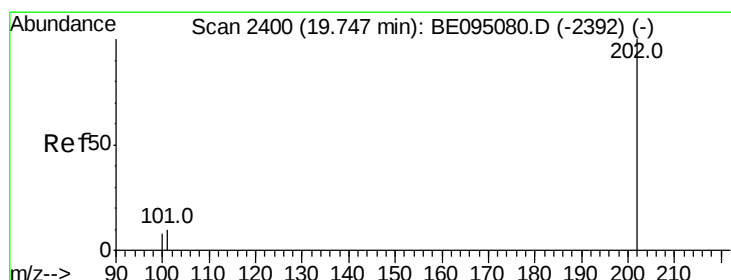
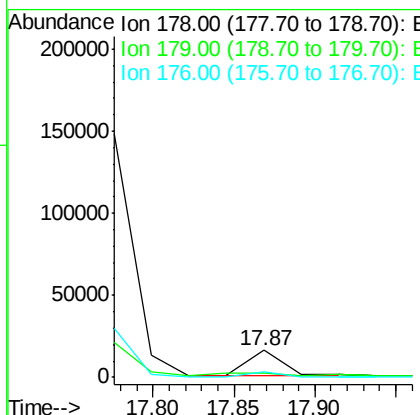
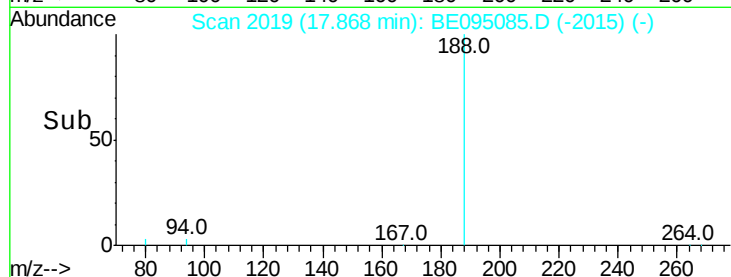
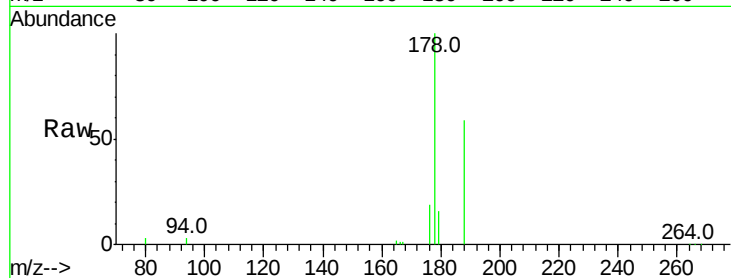
#13
 Anthracene
 Concen: 0.603 ng/ul
 RT: 17.87 min Scan# 2019
 Delta R.T. -0.00 min
 Lab File: BE095085.D
 Acq: 20 Jan 2018 12:23

Instrument :
 BNA_E
 ClientSampleId :
 B0AE6

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.7	18.1	27.1#
176	19.1	14.7	22.1

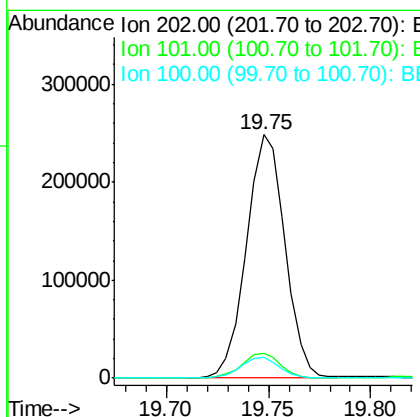
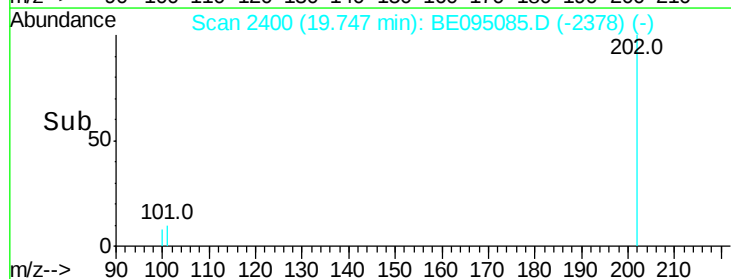
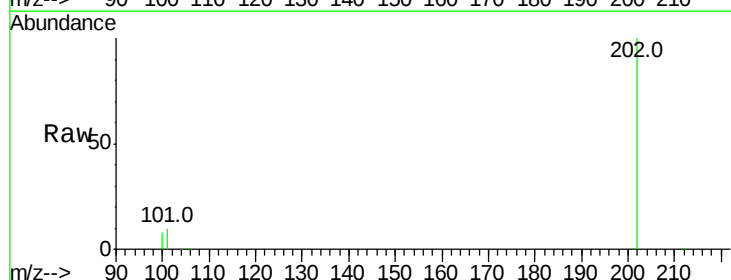
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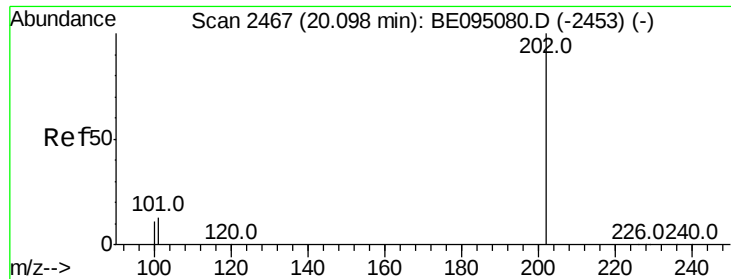
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#15
 Fluoranthene
 Concen: 5.316 ng/ul
 RT: 19.75 min Scan# 2400
 Delta R.T. 0.00 min
 Lab File: BE095085.D
 Acq: 20 Jan 2018 12:23

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.4	0.0	30.3
100	8.4	0.0	39.5





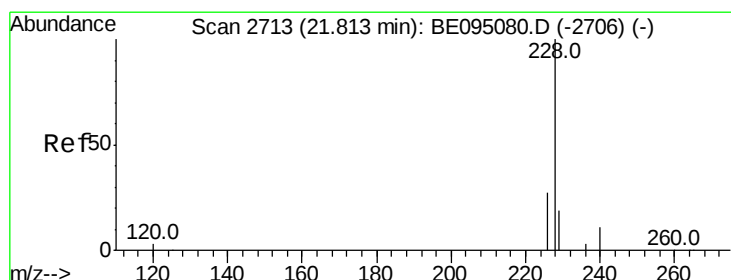
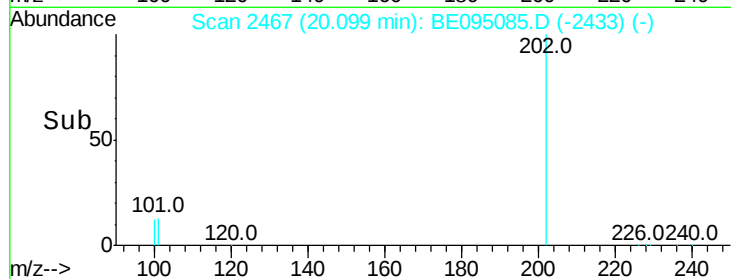
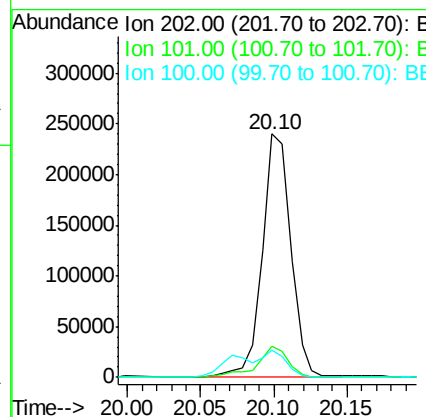
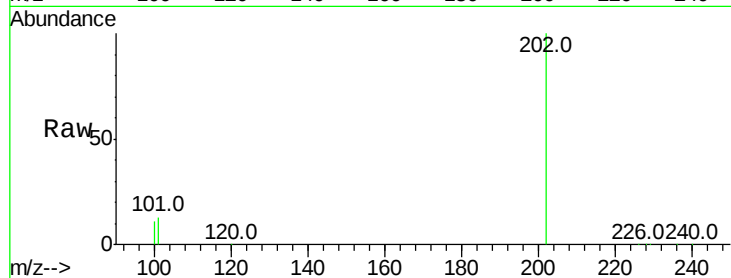
#17
Pvrene
Concen: 4.734 ng/ul
RT: 20.10 min Scan# 2467
Delta R.T. 0.00 min
Lab File: BE095085.D
Acq: 20 Jan 2018 12:23

Instrument :
BNA_E
ClientSampleId :
B0AE6

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	12.6	18.2	27.4#
100	11.5	15.6	23.4#

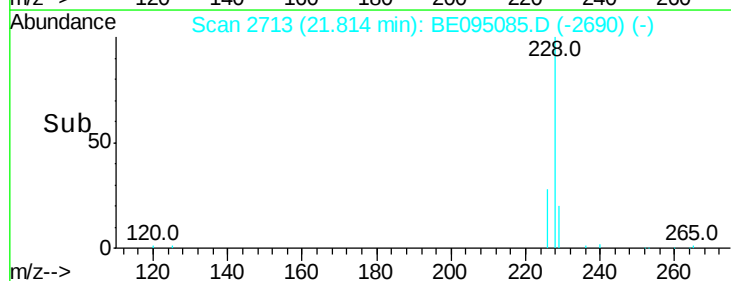
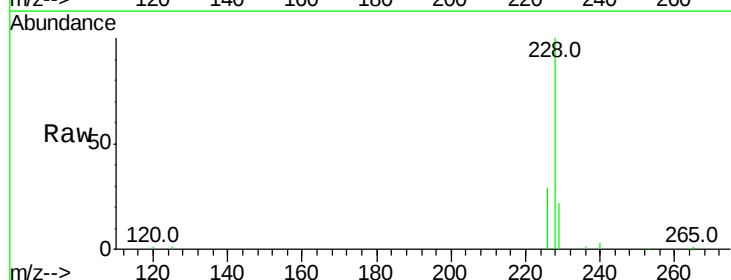
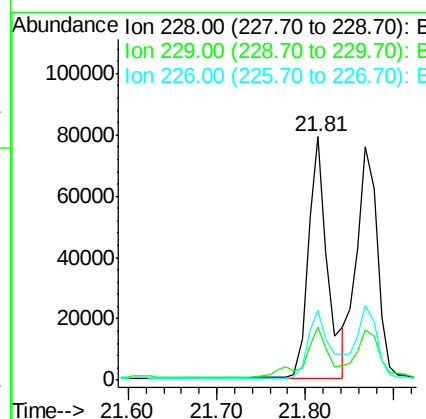
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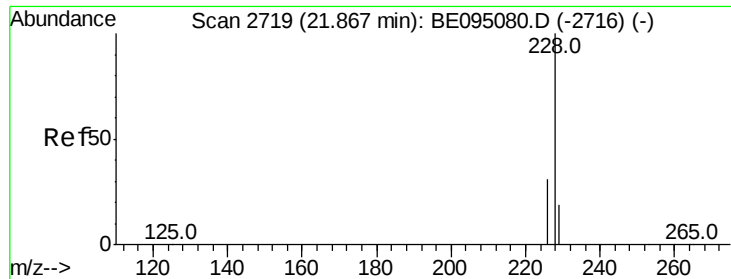
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#18
Benzo(a)anthracene
Concen: 2.514 ng/ul
RT: 21.81 min Scan# 2713
Delta R.T. 0.00 min
Lab File: BE095085.D
Acq: 20 Jan 2018 12:23

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	21.9	22.8	34.2#
226	28.6	17.0	25.6#





#19

Chrysene

Concen: 2.110 ng/ul

RT: 21.87 min Scan# 2719

Delta R.T. 0.00 min

Lab File: BE095085.D

Acq: 20 Jan 2018 12:23

Instrument :

BNA_E

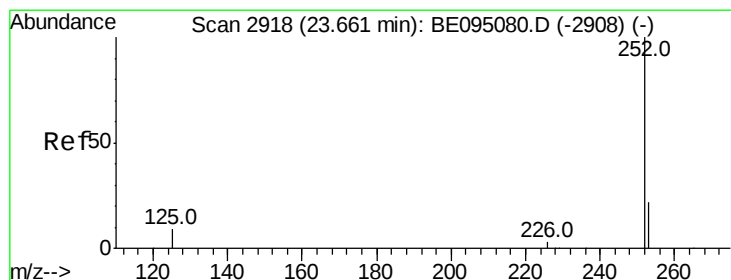
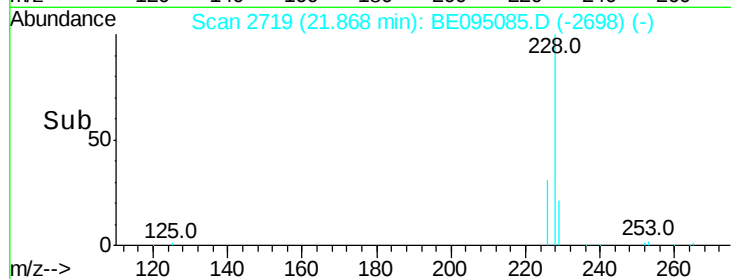
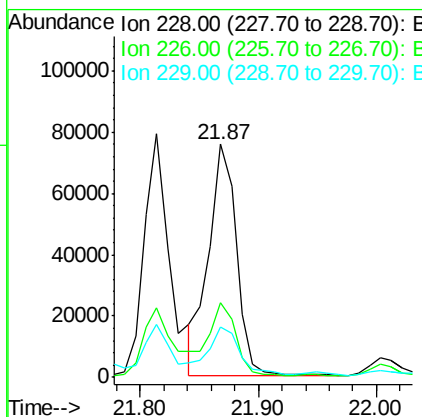
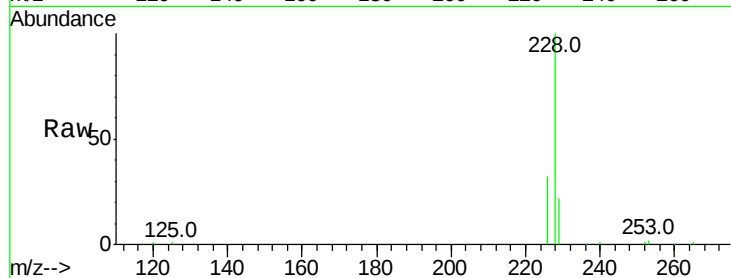
ClientSampled :

B0AE6

Tot Ion:	228	Resp:	123637
Ion Ratio	Lower	Upper	
228	100		
226	32.0	23.4	35.0
229	21.8	17.7	26.5

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#21

Benzo(b)fluoranthene

Concen: 2.364 ng/ul m

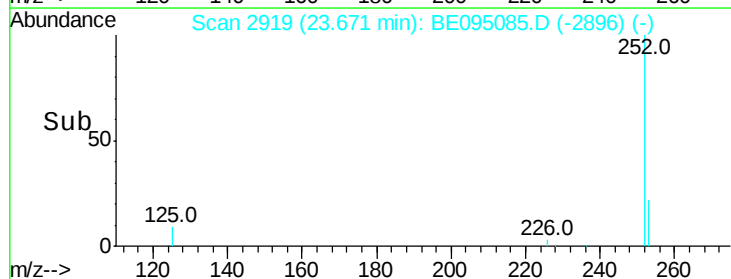
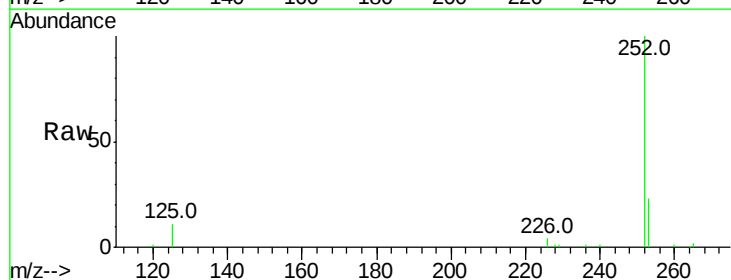
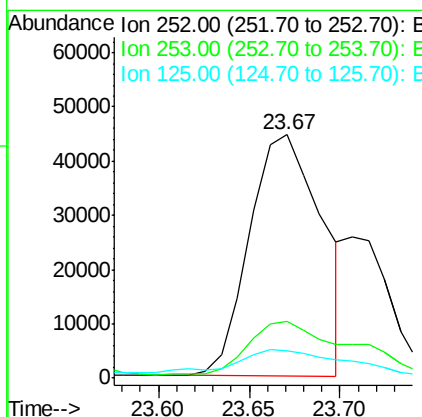
RT: 23.67 min Scan# 2919

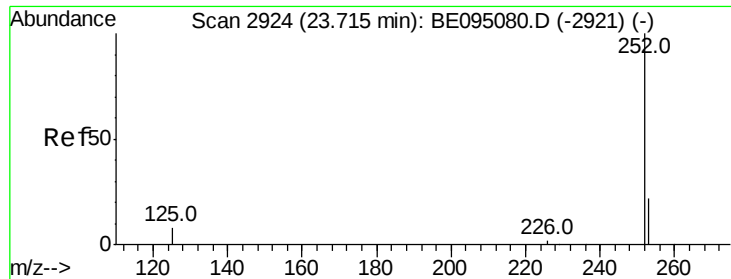
Delta R.T. 0.01 min

Lab File: BE095085.D

Acq: 20 Jan 2018 12:23

Tgt Ion:	252	Resp:	123606
Ion Ratio	Lower	Upper	
252	100		
253	23.4	0.0	64.2
125	11.3	0.0	35.0





#22

Benzo(k)fluoranthene

Concen: 0.897 ng/ul m

RT: 23.71 min Scan# 2923

Delta R.T. -0.01 min

Lab File: BE095085.D

Acq: 20 Jan 2018 12:23

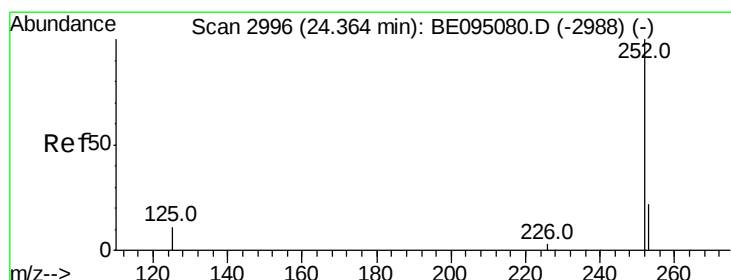
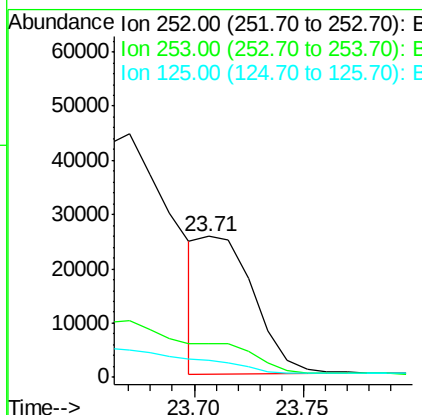
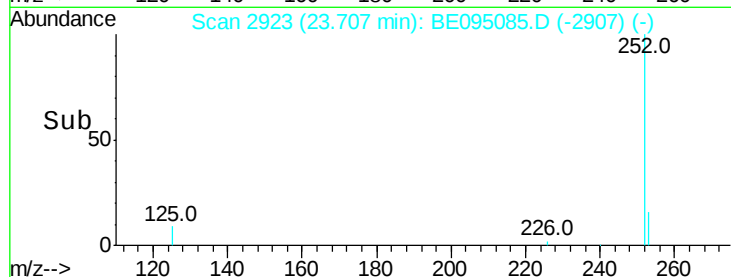
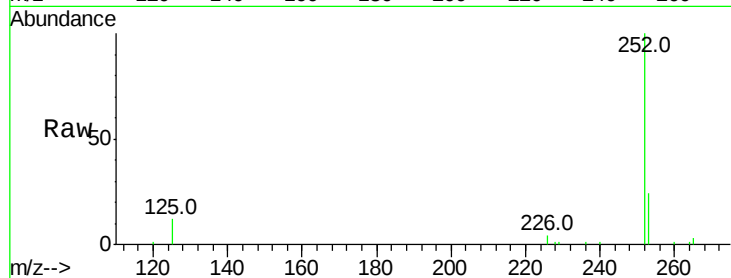
Instrument :
BNA_E
ClientSampled :
B0AE6

Tot Ion:252 Resp: 43272

Ion	Ratio	Lower	Upper
252	100		
253	23.8	24.5	36.7#
125	12.4	13.7	20.5#

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#23

Benzo(a)pyrene

Concen: 2.181 ng/ul m

RT: 24.36 min Scan# 2996

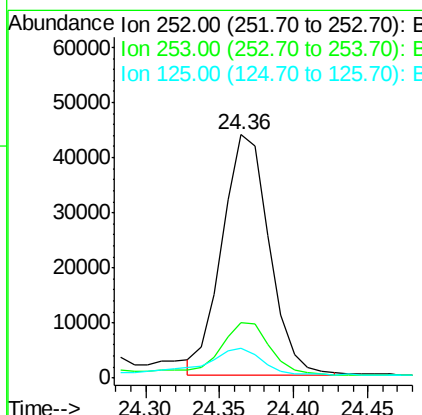
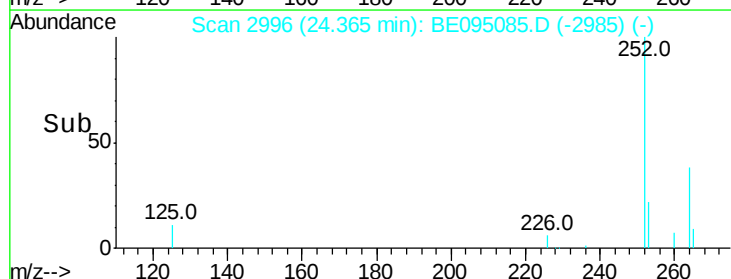
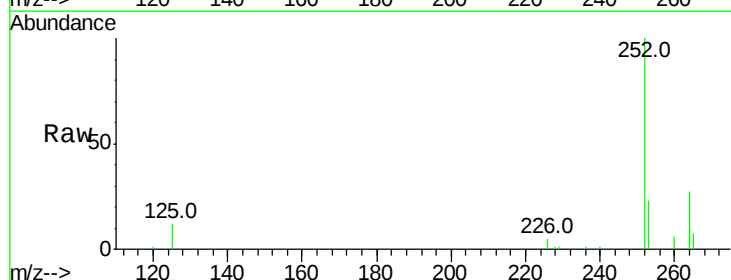
Delta R.T. 0.00 min

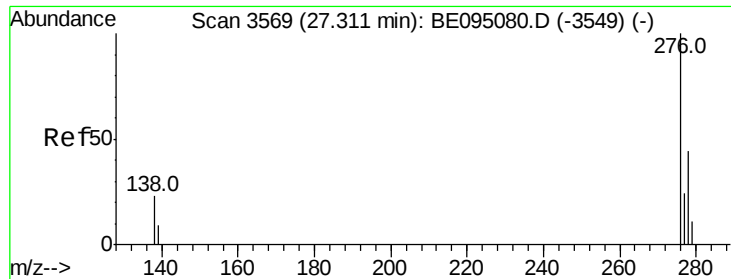
Lab File: BE095085.D

Acq: 20 Jan 2018 12:23

Tgt Ion:252 Resp: 97350

Ion	Ratio	Lower	Upper
252	100		
253	22.9	28.5	42.7#
125	12.3	18.1	27.1#





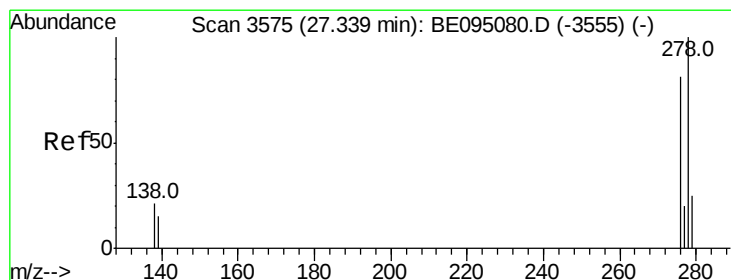
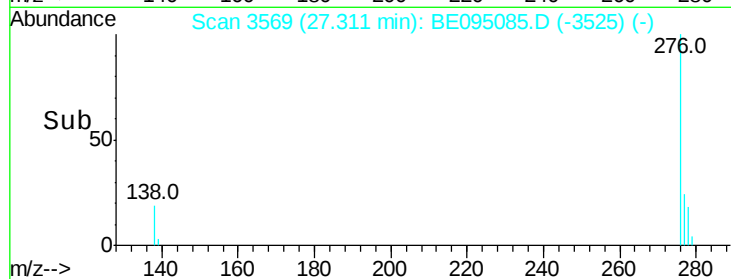
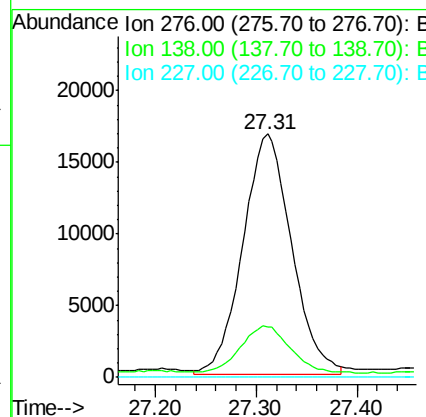
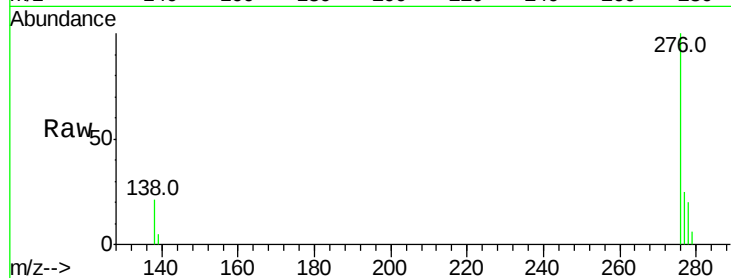
#24
Indeno(1,2,3-cd)pyrene
Concen: 1.422 ng/ul m
RT: 27.31 min Scan# 3569
Delta R.T. -0.00 min
Lab File: BE095085.D
Acq: 20 Jan 2018 12:23

Instrument :
BNA_E
ClientSampleId :
B0AE6

Tot Ion	Ratio	Lower	Upper
276	100		
138	0.9	28.0	42.0#
227	0.0	8.0	12.0#

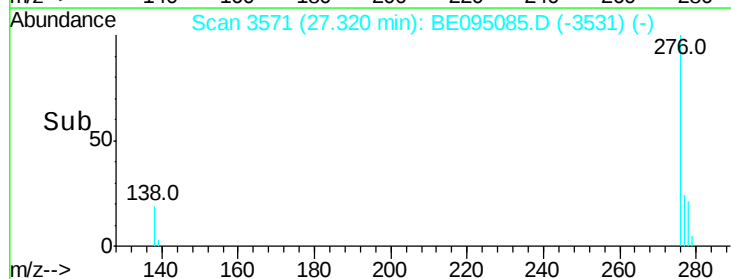
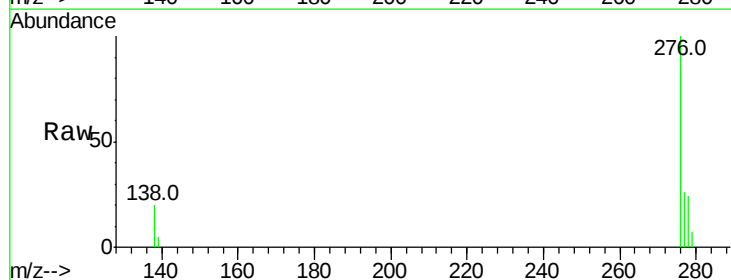
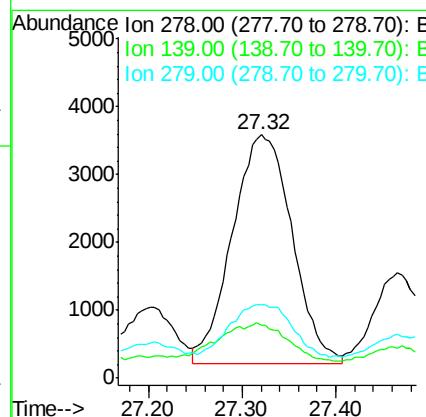
Manual Integrations
APPROVED

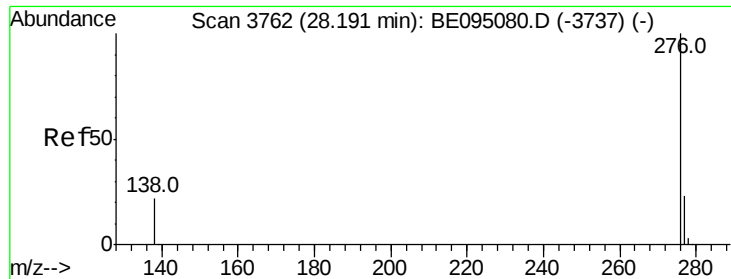
Sohil
1/22/2018 5:22:29 PM



#25
Dibenzo(a,h)anthracene
Concen: 0.527 ng/ul m
RT: 27.32 min Scan# 3571
Delta R.T. -0.02 min
Lab File: BE095085.D
Acq: 20 Jan 2018 12:23

Tgt Ion	Ratio	Lower	Upper
278	100		
139	21.8	17.4	26.0
279	30.1	25.9	38.9





#26

Benzo(a,h,i)perylene

Concen: 1.231 ng/ul m

RT: 28.19 min Scan# 3762

Delta R.T. -0.00 min

Lab File: BE095085.D

Acq: 20 Jan 2018 12:23

Instrument :

BNA_E

ClientSampleId :

B0AE6

Tot Ion: 276 Resp: 48518

Ion Ratio Lower Upper

276 100

138 21.7 21.8 32.8#

277 24.7 20.5 30.7

Manual Integrations
APPROVED

Sohil

1/22/2018 5:22:29 PM

