

Data Path : Z:\HPCHEM1\BNA E\DATA\BE032818\
 Data File : BE095900.D
 Acq On : 29 Mar 2018 5:03
 Operator : SJ/JU
 Sample : J1951-01
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AS2

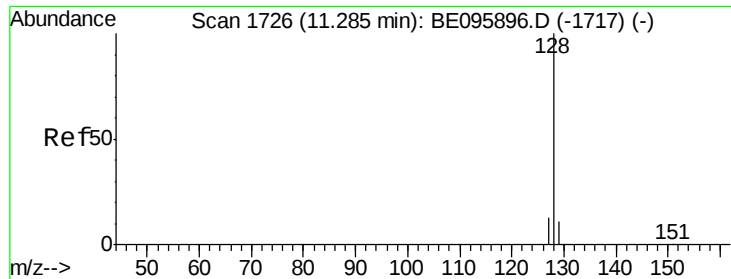
Manual Integrations
 APPROVED

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 3/29/2018 5:19:02 PM

Quant Time: Mar 29 07:38:59 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 29 07:00:13 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.42	152	1830	0.40	ng/ul	0.00
2) Naphthalene-d8	11.24	136	5608	0.40	ng/ul	0.00
6) Acenaphthene-d10	15.00	164	3621	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.70	188	8075m	0.40	ng/ul	0.00
16) Chrysene-d12	21.80	240	7883m	0.40	ng/ul	0.00
20) Perylene-d12	24.43	264	8088m	0.40	ng/ul	0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.79	152	2056	0.22	ng/ul	0.00
14) Fluoranthene-d10	19.68	212	5351m	0.21	ng/ul	0.00
Target Compounds						
					Ovalue	
3) Naphthalene	11.29	128	5014	0.320	ng/ul#	90
5) 2-Methylnaphthalene	12.87	142	1691	0.155	ng/ul	98
7) Acenaphthylene	14.73	152	783	0.043	ng/ul#	78
8) Acenaphthene	15.06	153	17159	1.246	ng/ul	95
9) Fluorene	16.03	166	10371	0.694	ng/ul	91
12) Phenanthrene	17.75	178	166739m	6.895	ng/ul	
13) Anthracene	17.84	178	43674m	1.931	ng/ul	
15) Fluoranthene	19.71	202	386954m	13.209	ng/ul	
17) Pyrene	20.07	202	385187	12.868	ng/ul#	78
18) Benzo(a)anthracene	21.77	228	285369m	11.219	ng/ul	
19) Chrysene	21.83	228	214551m	8.285	ng/ul	
21) Benzo(b)fluoranthene	23.61	252	309375m	11.043	ng/ul	
22) Benzo(k)fluoranthene	23.66	252	104703m	3.931	ng/ul	
23) Benzo(a)pyrene	24.31	252	227033m	8.876	ng/ul	
24) Indeno(1,2,3-cd)pyrene	27.24	276	155746	5.491	ng/ul#	72
25) Dibenzo(a,h)anthracene	27.24	278	40098m	1.768	ng/ul	
26) Benzo(a,h,i)perylene	28.11	276	151586	6.221	ng/ul#	91

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



#3

Naphthalene

Concen: 0.320 ng/ul

RT: 11.29 min Scan# 1727

Delta R.T. 0.01 min

Lab File: BE095900.D

Acq: 29 Mar 2018 5:03

Instrument :

BNA_E

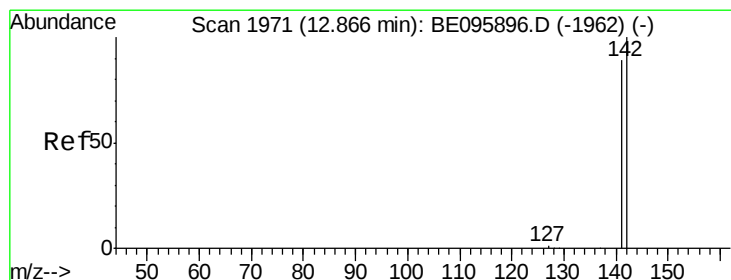
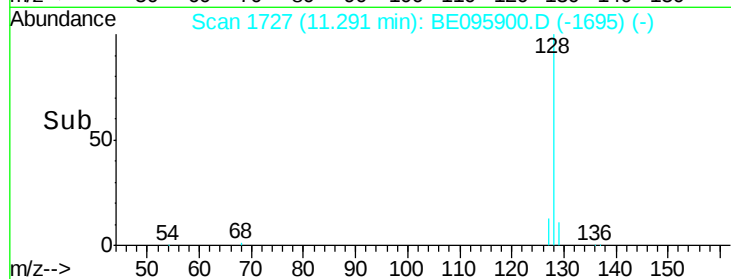
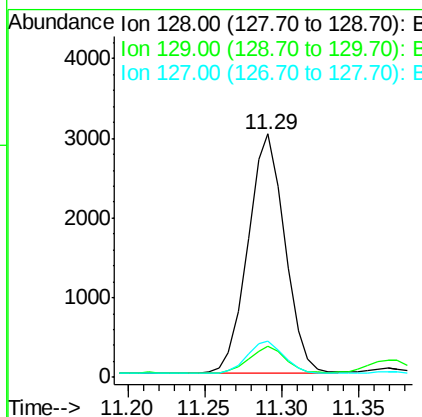
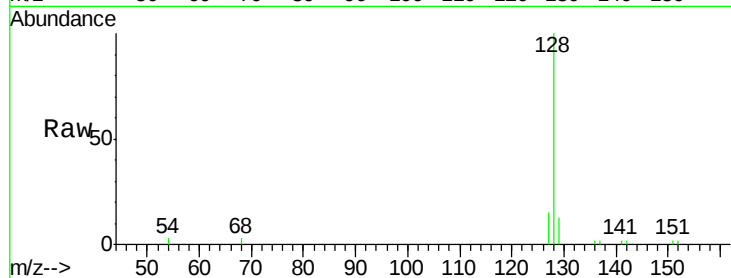
ClientSampleId :

C0AS2

Tot Ion:	128	Resp:	5014
Ion Ratio	Lower	Upper	
128	100		
129	12.7	11.3	16.9
127	14.7	4.0	6.0#

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#5

2-Methylnaphthalene

Concen: 0.155 ng/ul

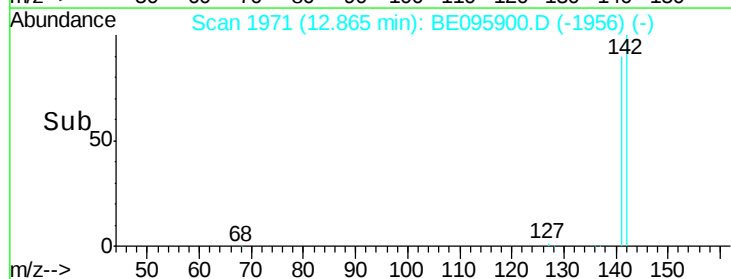
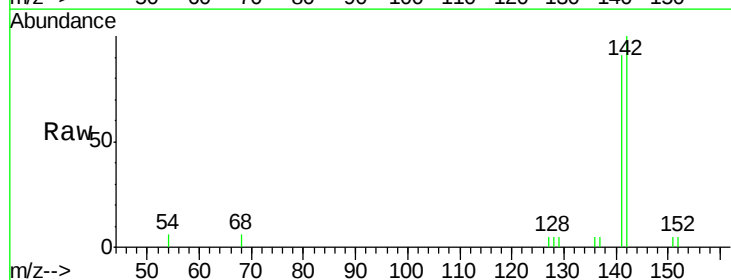
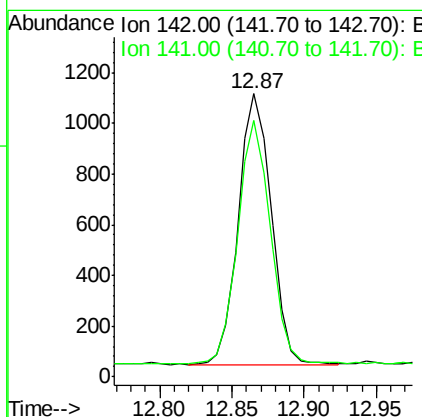
RT: 12.87 min Scan# 1971

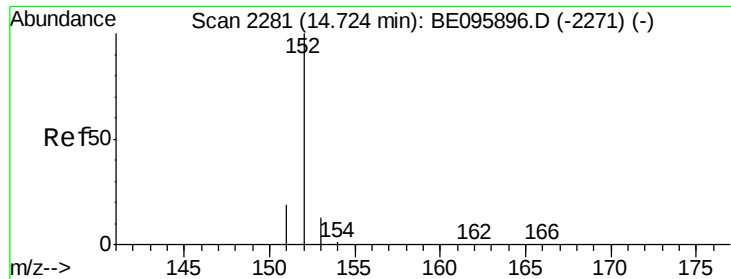
Delta R.T. -0.00 min

Lab File: BE095900.D

Acq: 29 Mar 2018 5:03

Tgt Ion:	142	Resp:	1691
Ion Ratio	Lower	Upper	
142	100		
141	89.1	72.6	108.8





#7

Acenaphthylene

Concen: 0.043 ng/ul

RT: 14.73 min Scan# 2283

Delta R.T. 0.01 min

Lab File: BE095900.D

Acq: 29 Mar 2018 5:03

Instrument :

BNA_E

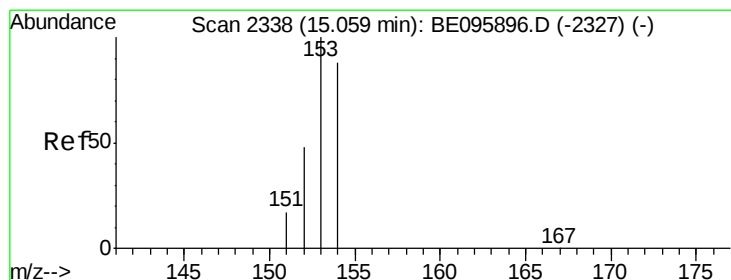
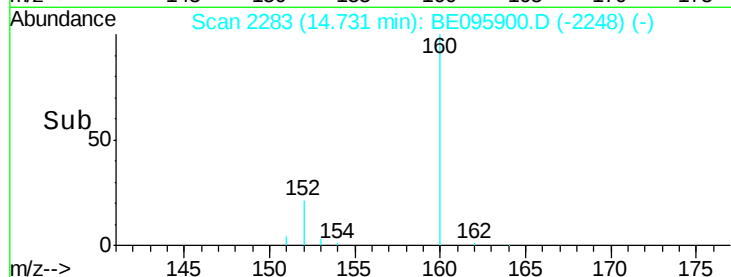
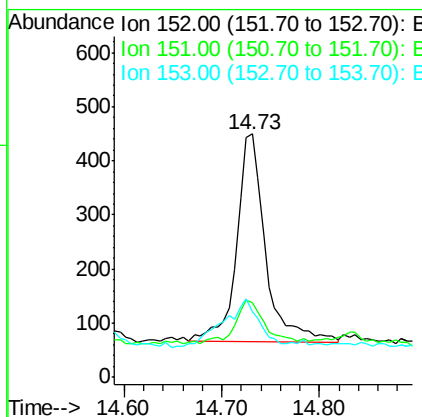
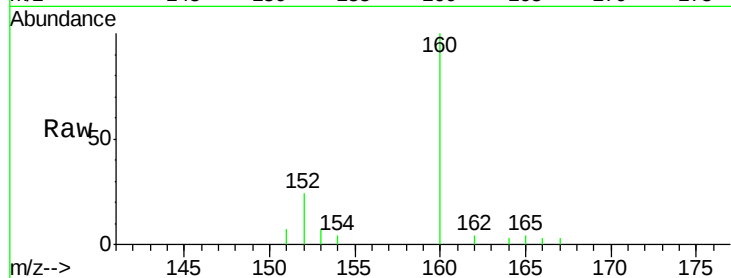
ClientSampleId :

C0AS2

Tot Ion:	152	Resp:	783
Ion Ratio	Lower	Upper	
152	100		
151	30.7	17.1	25.7#
153	27.1	12.8	19.2#

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#8

Acenaphthene

Concen: 1.246 ng/ul

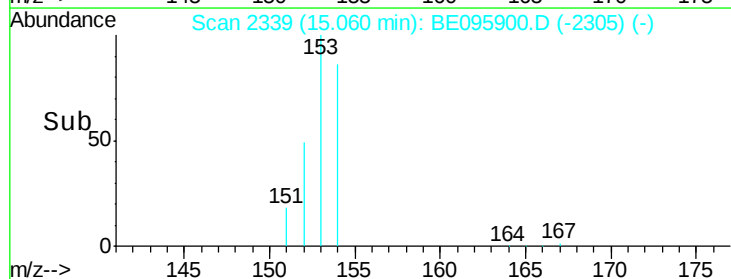
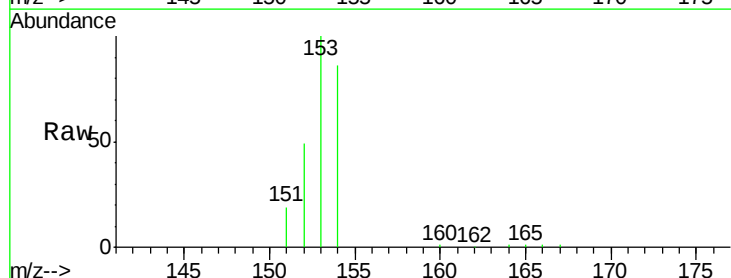
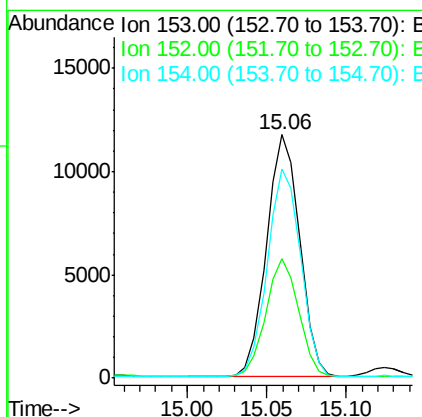
RT: 15.06 min Scan# 2339

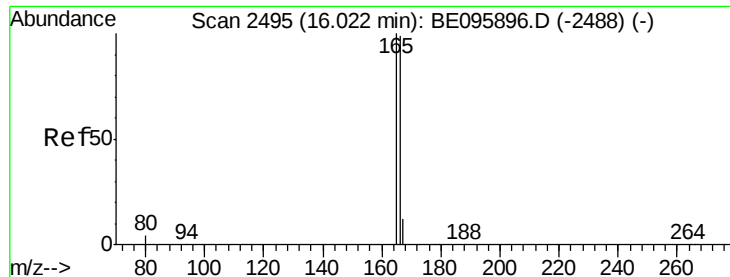
Delta R.T. 0.00 min

Lab File: BE095900.D

Acq: 29 Mar 2018 5:03

Tgt Ion:	153	Resp:	17159
Ion Ratio	Lower	Upper	
153	100		
152	49.2	36.0	54.0
154	86.0	72.0	108.0





#9

Fluorene

Concen: 0.694 ng/ul

RT: 16.03 min Scan# 2497

Delta R.T. 0.01 min

Lab File: BE095900.D

Acq: 29 Mar 2018 5:03

Instrument :

BNA_E

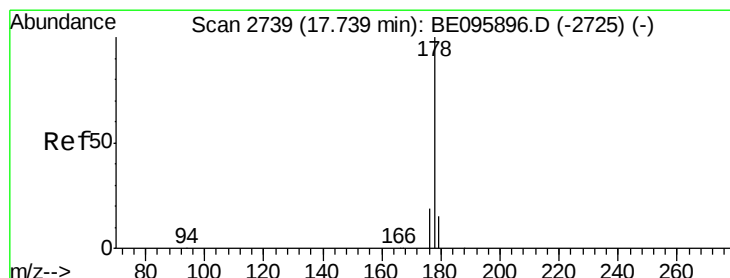
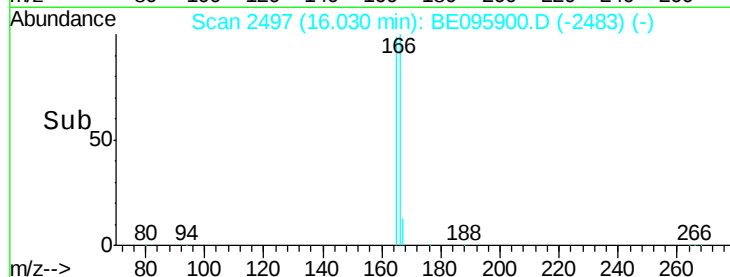
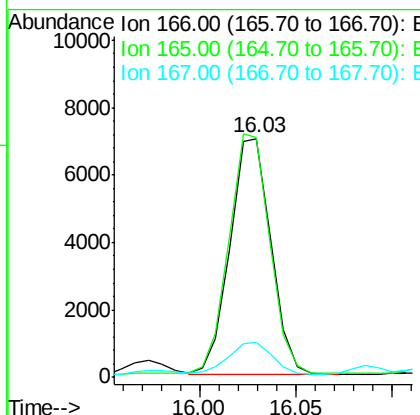
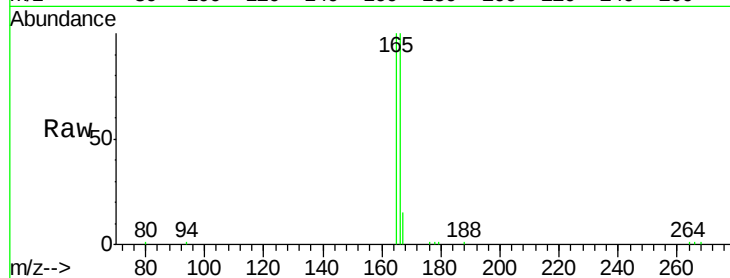
ClientSampleId :

C0AS2

Tot Ion	Ratio	Lower	Upper
166	100		
165	100.1	73.4	110.2
167	14.7	14.6	22.0

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#12

Phenanthrene

Concen: 6.895 ng/ul m

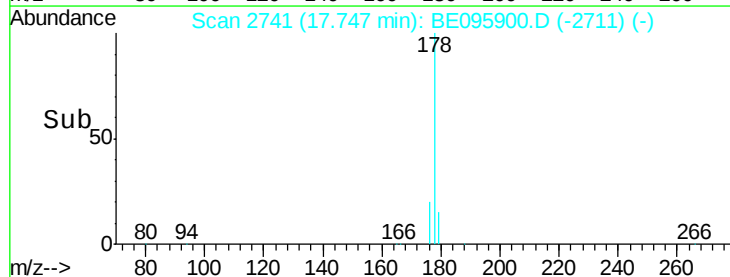
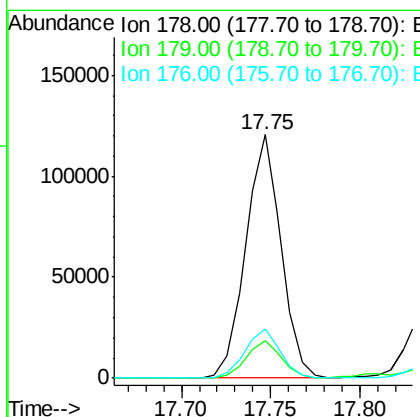
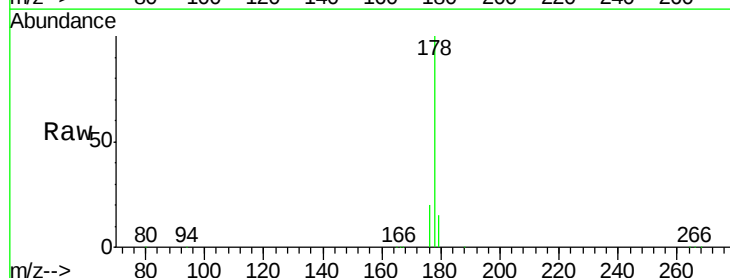
RT: 17.75 min Scan# 2741

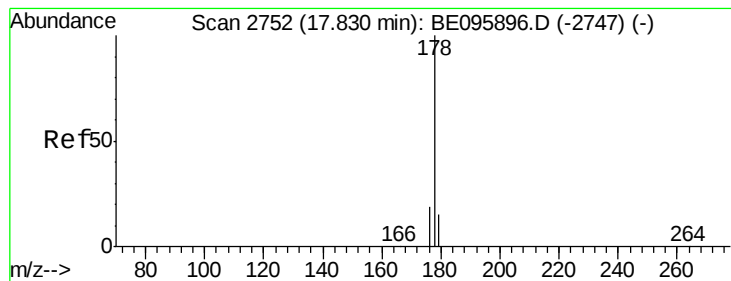
Delta R.T. 0.01 min

Lab File: BE095900.D

Acq: 29 Mar 2018 5:03

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.4	18.4	27.6#
176	20.0	13.6	20.4





#13

Anthracene

Concen: 1.931 ng/ul m

RT: 17.84 min Scan# 2754

Delta R.T. 0.01 min

Lab File: BE095900.D

Acq: 29 Mar 2018 5:03

Instrument :

BNA_E

ClientSampleId :

C0AS2

Tot Ion:178 Resp: 43674

Ion Ratio Lower Upper

178 100

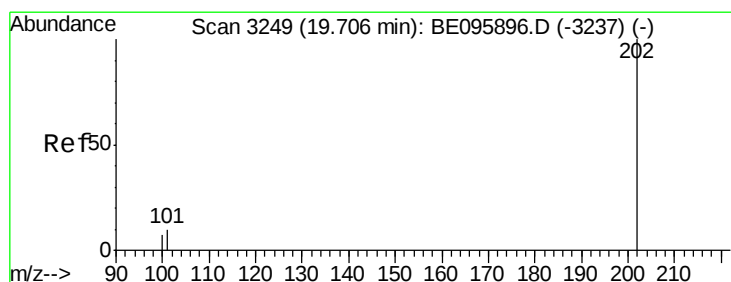
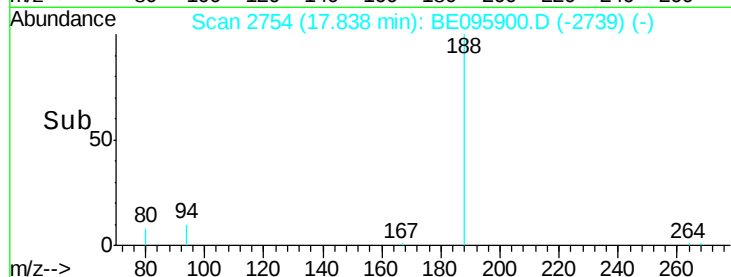
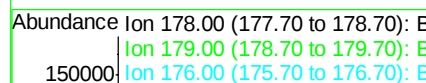
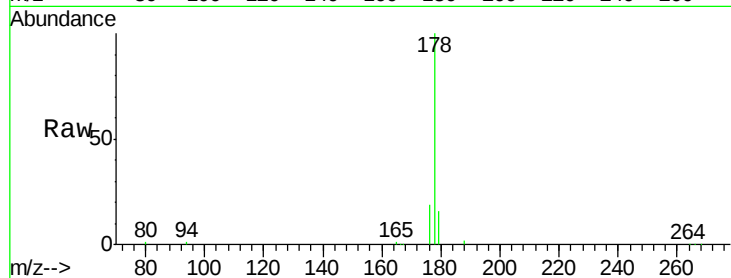
179 15.9 18.1 27.1#

176 19.0 14.7 22.1

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#15

Fluoranthene

Concen: 13.209 ng/ul m

RT: 19.71 min Scan# 3252

Delta R.T. 0.01 min

Lab File: BE095900.D

Acq: 29 Mar 2018 5:03

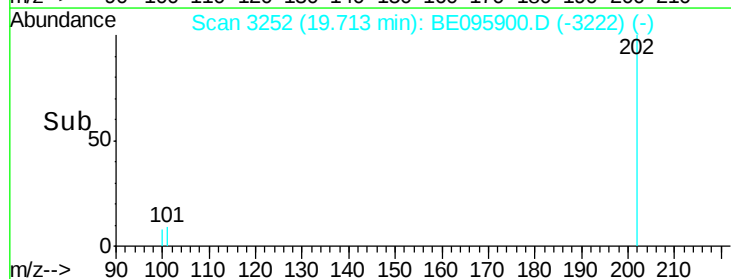
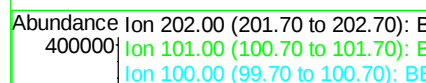
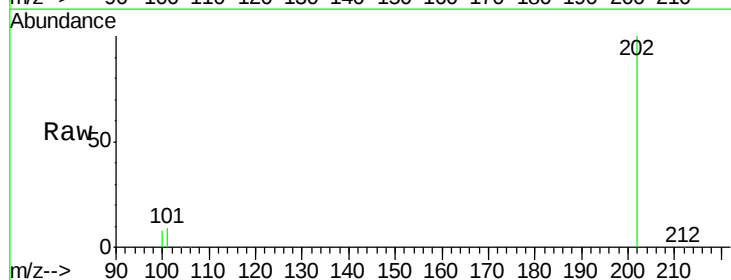
Tgt Ion:202 Resp: 386954

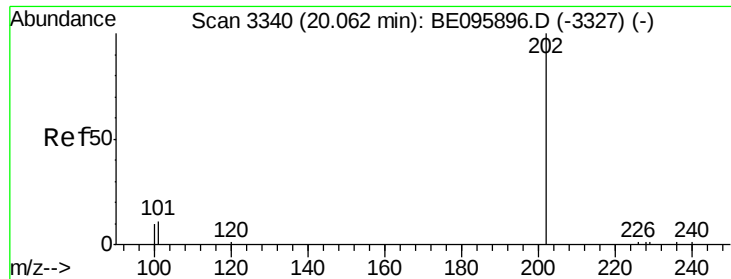
Ion Ratio Lower Upper

202 100

101 9.4 0.0 30.3

100 7.8 0.0 39.5





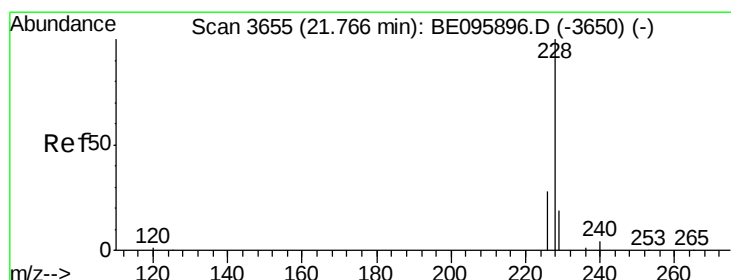
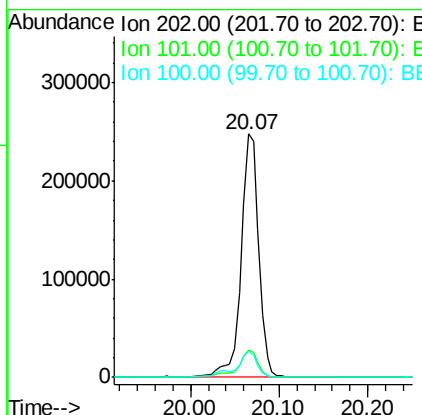
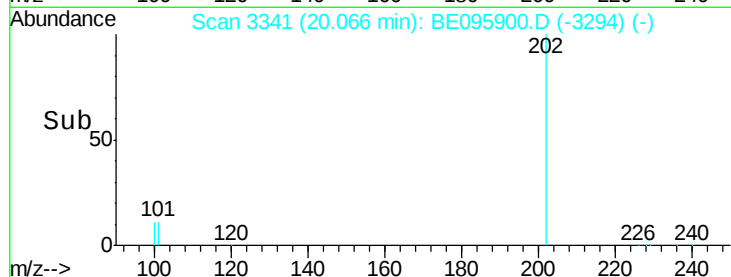
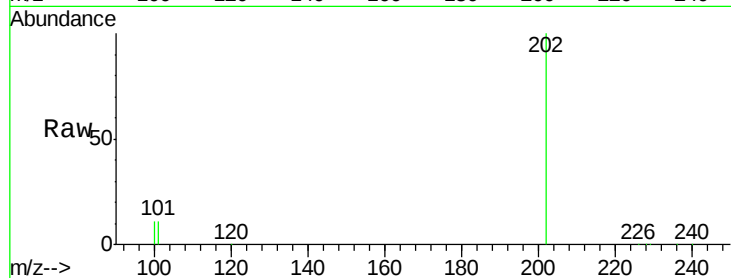
#17
Pvrene
Concen: 12.868 ng/ul
RT: 20.07 min Scan# 3341
Delta R.T. 0.00 min
Lab File: BE095900.D
Acq: 29 Mar 2018 5:03

Instrument :
BNA_E
ClientSampleId :
C0AS2

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	11.5	18.2	27.4#
100	10.6	15.6	23.4#

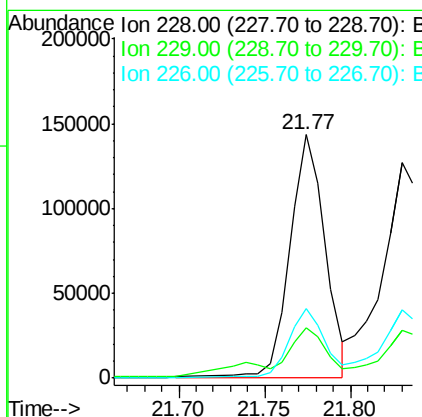
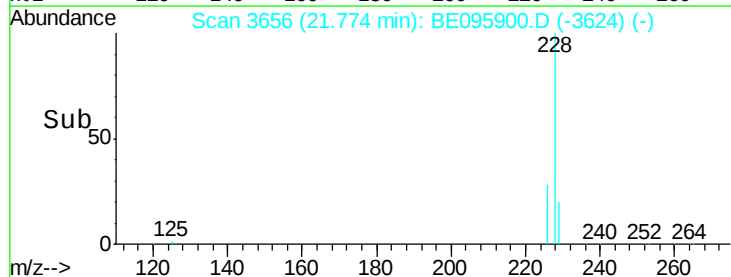
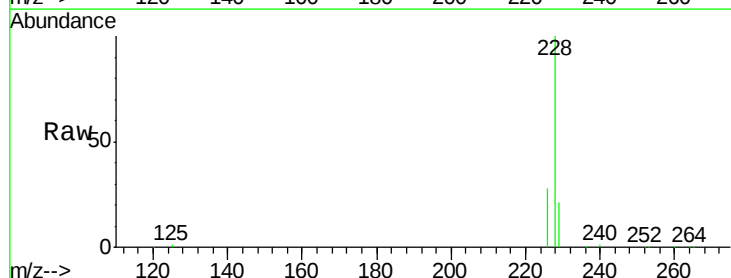
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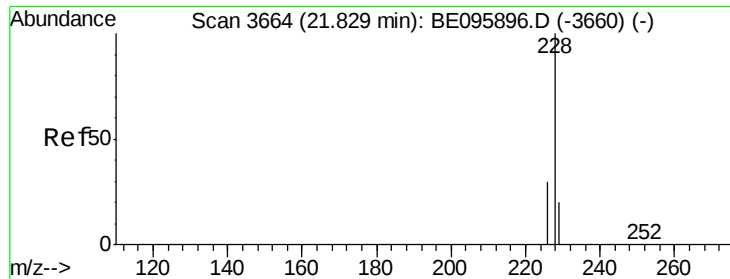
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#18
Benzo(a)anthracene
Concen: 11.219 ng/ul m
RT: 21.77 min Scan# 3656
Delta R.T. 0.01 min
Lab File: BE095900.D
Acq: 29 Mar 2018 5:03

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	20.7	22.8	34.2#
226	28.4	17.0	25.6#





#19

Chrysene

Concen: 8.285 ng/ul m

RT: 21.83 min Scan# 3664

Delta R.T. 0.00 min

Lab File: BE095900.D

Acq: 29 Mar 2018 5:03

Instrument :

BNA_E

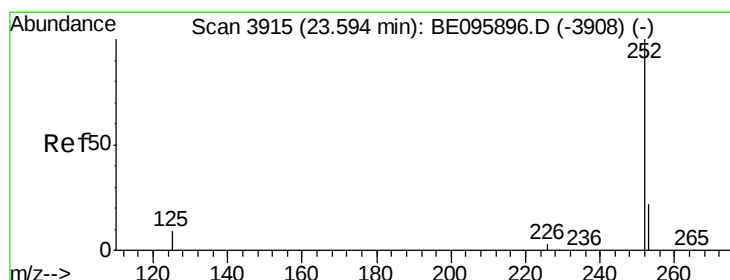
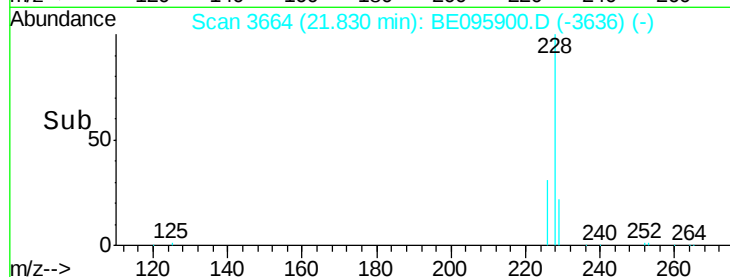
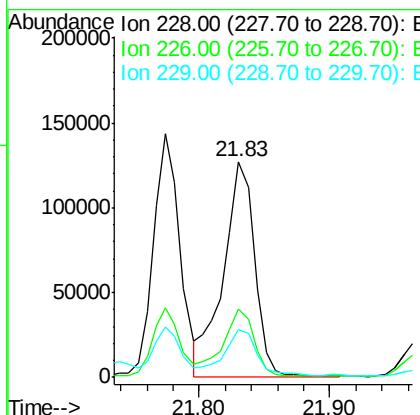
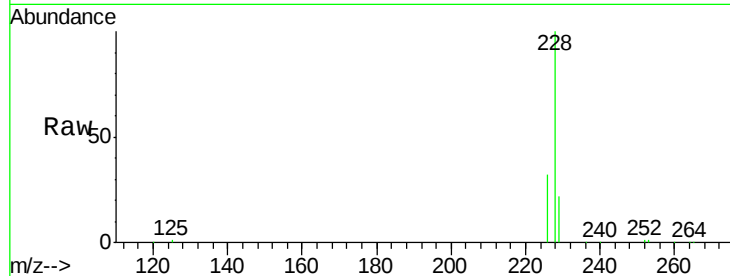
ClientSampled :

C0AS2

Tot Ion:	228	Resp:	214551
Ion Ratio	Lower	Upper	
228	100		
226	31.6	23.4	35.0
229	22.2	17.7	26.5

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#21

Benzo(b)fluoranthene

Concen: 11.043 ng/ul m

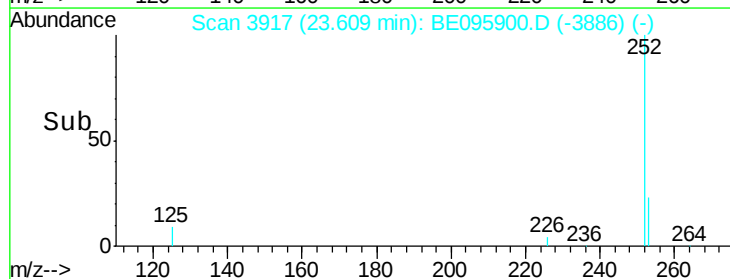
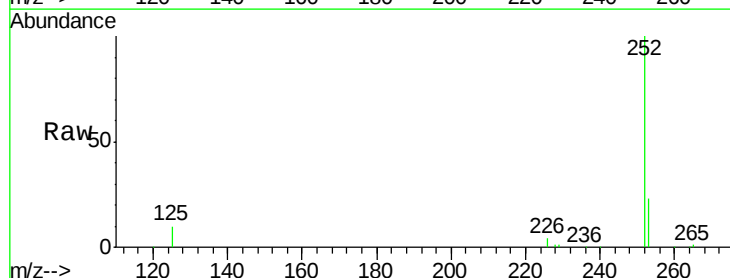
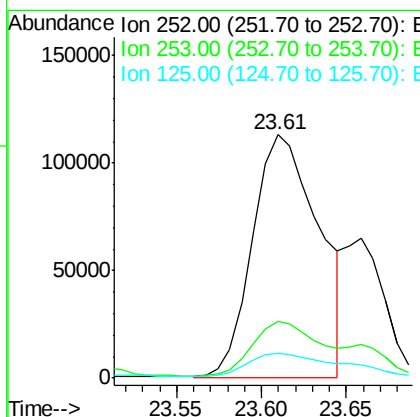
RT: 23.61 min Scan# 3917

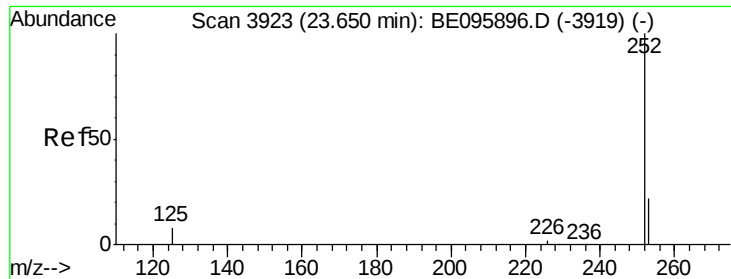
Delta R.T. 0.02 min

Lab File: BE095900.D

Acq: 29 Mar 2018 5:03

Tgt Ion:	252	Resp:	309375
Ion Ratio	Lower	Upper	
252	100		
253	23.1	0.0	64.2
125	10.1	0.0	35.0





#22

Benzo(k)fluoranthene

Concen: 3.931 ng/ul m

RT: 23.66 min Scan# 3924

Delta R.T. 0.01 min

Lab File: BE095900.D

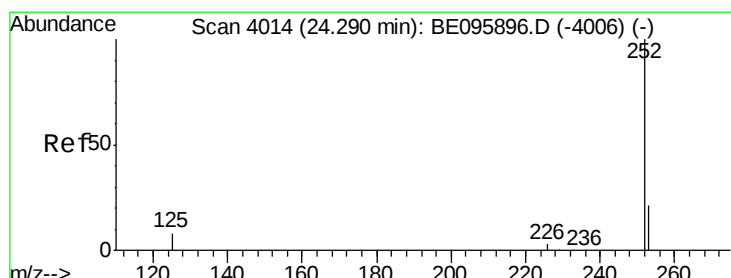
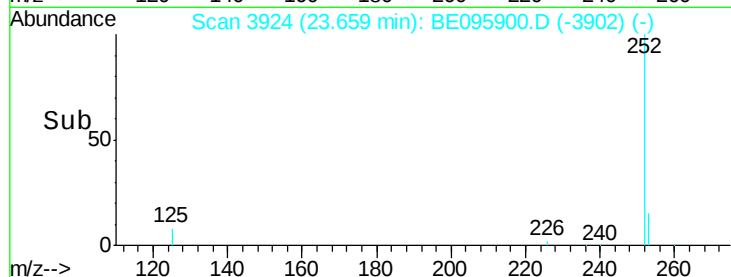
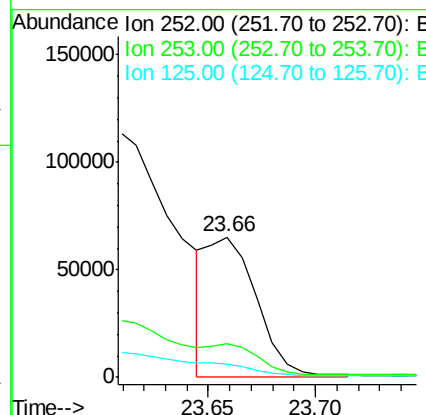
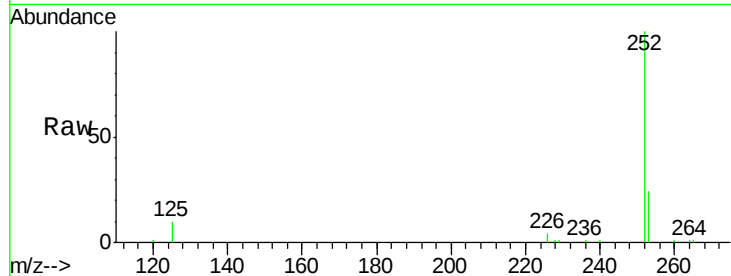
Acq: 29 Mar 2018 5:03

Instrument :
BNA_E
ClientSampled :
C0AS2

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.8	24.5	36.7#
125	9.8	13.7	20.5#

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#23

Benzo(a)pyrene

Concen: 8.876 ng/ul m

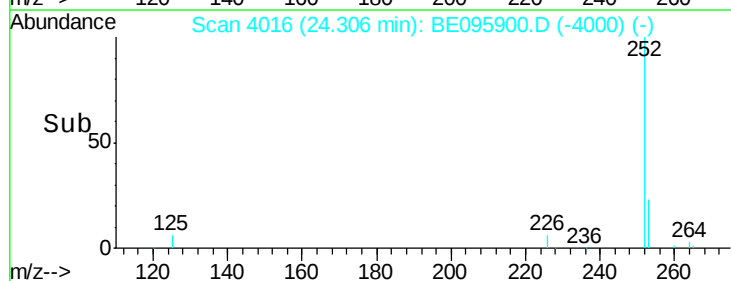
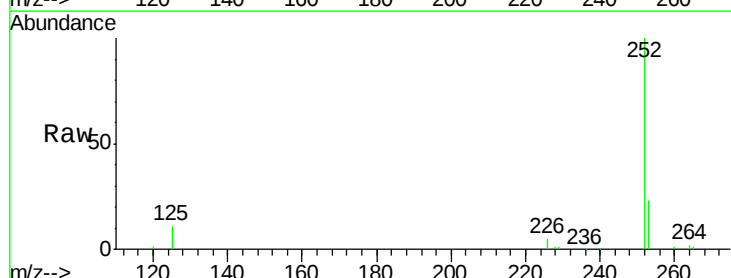
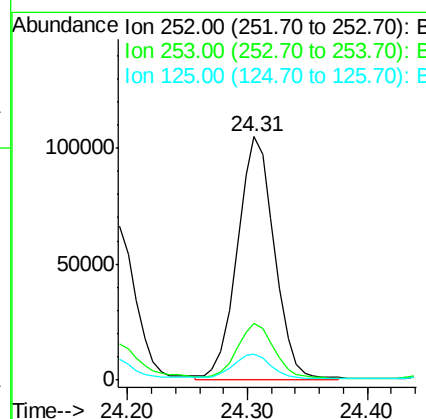
RT: 24.31 min Scan# 4016

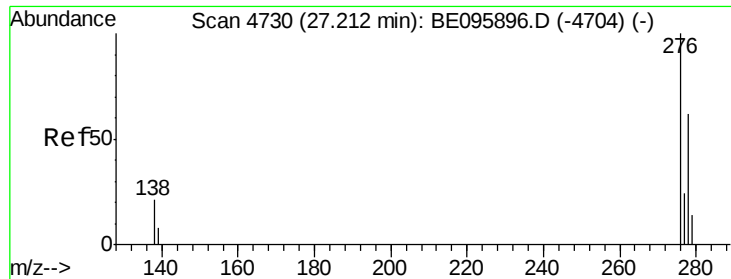
Delta R.T. 0.02 min

Lab File: BE095900.D

Acq: 29 Mar 2018 5:03

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	28.5	42.7#
125	10.8	18.1	27.1#





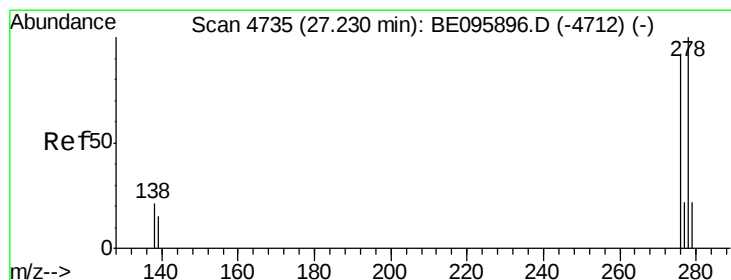
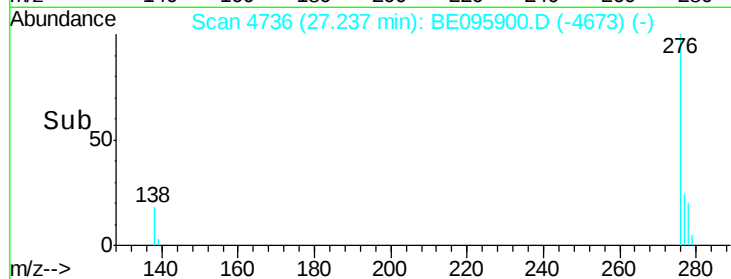
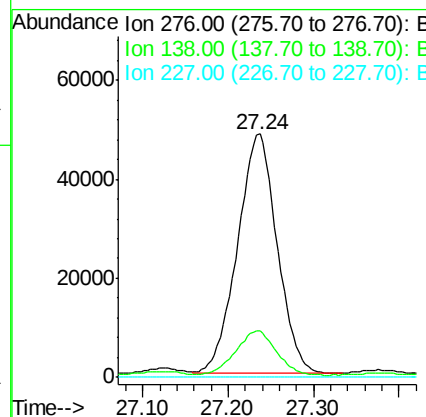
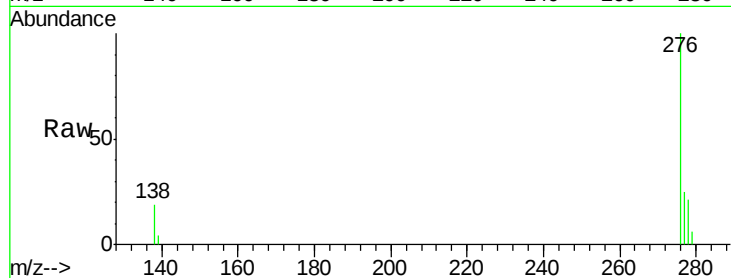
#24
Indeno(1,2,3-cd)pyrene
Concen: 5.491 ng/ul
RT: 27.24 min Scan# 4736
Delta R.T. 0.03 min
Lab File: BE095900.D
Acq: 29 Mar 2018 5:03

Instrument :
BNA_E
ClientSampleId :
C0AS2

Tot Ion	Ratio	Lower	Upper
276	100		
138	18.9	28.0	42.0#
227	0.0	8.0	12.0#

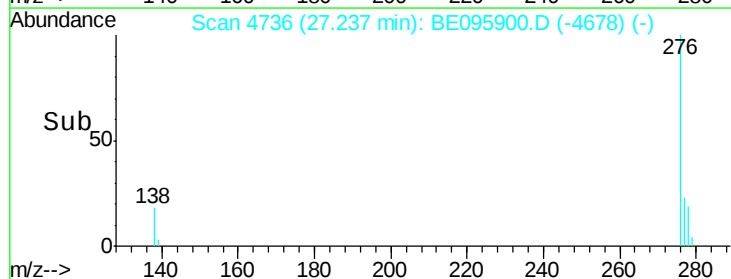
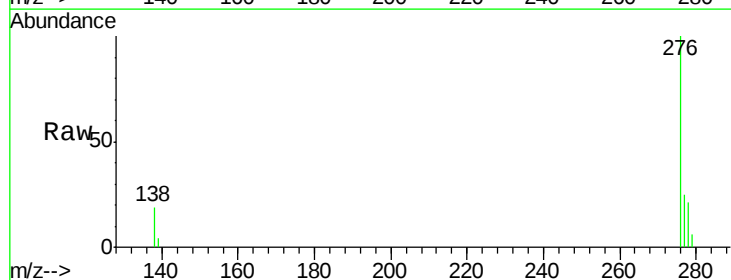
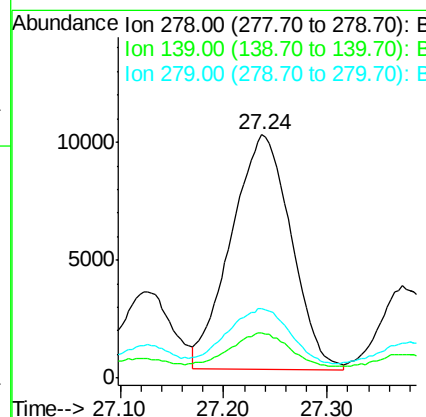
Manual Integrations
APPROVED

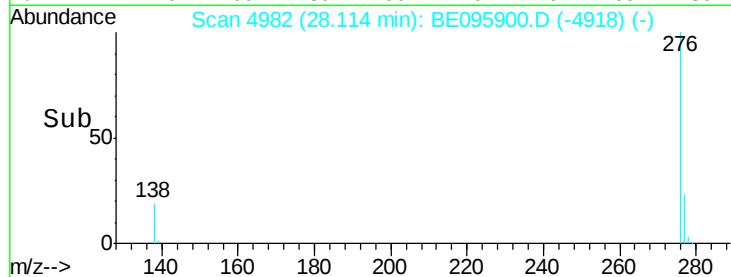
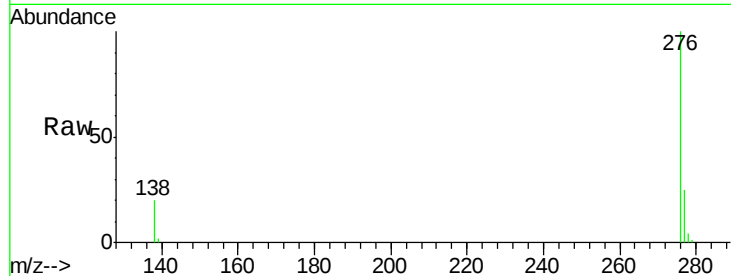
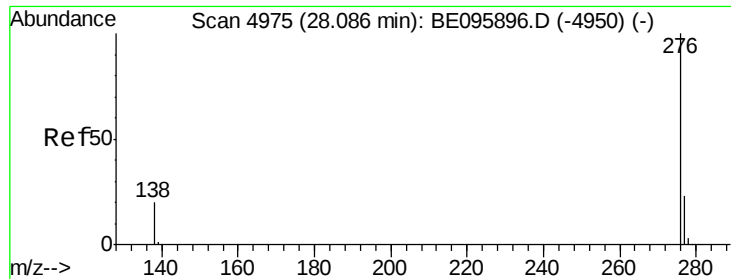
Sohil
3/29/2018 5:19:02 PM



#25
Dibenzo(a,h)anthracene
Concen: 1.768 ng/ul m
RT: 27.24 min Scan# 4736
Delta R.T. 0.01 min
Lab File: BE095900.D
Acq: 29 Mar 2018 5:03

Tgt Ion	Ratio	Lower	Upper
278	100		
139	18.5	17.4	26.0
279	28.5	25.9	38.9





#26
Benzo(a,h,i)perylene
Concen: 6.221 ng/ul
RT: 28.11 min Scan# 4982
Delta R.T. 0.03 min
Lab File: BE095900.D
Acq: 29 Mar 2018 5:03

Instrument :
BNA_E
ClientSampleId :
C0AS2

Tot Ion	Ratio	Lower	Upper
276	100		
138	19.6	21.8	32.8#
277	24.7	20.5	30.7

Manual Integrations
APPROVED

Sohil
3/29/2018 5:19:02 PM

