

Data Path : Z:\HPCHEM1\BNA E\DATA\BE032818\
 Data File : BE095898.D
 Acq On : 29 Mar 2018 3:52
 Operator : SJ/JU
 Sample : J1951-04
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AW1

Manual Integrations
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Sohil
 3/29/2018 5:18:56 PM

Quant Time: Mar 29 07:19:40 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	8.41	152	1899	0.40	ng/ul	0.00
2) Naphthalene-d8	11.24	136	5485	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.99	164	3612	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.70	188	8457m	0.40	ng/ul	0.00
16) Chrysene-d12	21.79	240	7971m	0.40	ng/ul	0.00
20) Perylene-d12	24.42	264	9104m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.79	152	2654	0.29	ng/ul	0.00
14) Fluoranthene-d10	19.68	212	7723m	0.29	ng/ul	0.00
Target Compounds					Ovalue	
3) Naphthalene	11.29	128	3016	0.197	ng/ul#	91
5) 2-Methylnaphthalene	12.86	142	1609	0.151	ng/ul	99
7) Acenaphthylene	14.72	152	2076	0.114	ng/ul#	93
8) Acenaphthene	15.06	153	11990	0.873	ng/ul	96
9) Fluorene	16.02	166	11524	0.773	ng/ul#	90
12) Phenanthrene	17.75	178	274683m	10.845	ng/ul	
13) Anthracene	17.83	178	54939m	2.320	ng/ul	
15) Fluoranthene	19.71	202	628317m	20.480	ng/ul	
17) Pyrene	20.07	202	576307	19.041	ng/ul#	77
18) Benzo(a)anthracene	21.77	228	352684m	13.713	ng/ul	
19) Chrysene	21.83	228	263982	10.081	ng/ul	98
21) Benzo(b)fluoranthene	23.61	252	344366m	10.920	ng/ul	
22) Benzo(k)fluoranthene	23.65	252	129560m	4.322	ng/ul	
23) Benzo(a)pyrene	24.30	252	249017m	8.649	ng/ul	
24) Indeno(1,2,3-cd)pyrene	27.22	276	171087m	5.359	ng/ul	
25) Dibenzo(a,h)anthracene	27.23	278	43299m	1.696	ng/ul	
26) Benzo(a,h,i)perylene	28.10	276	159661m	5.822	ng/ul	

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

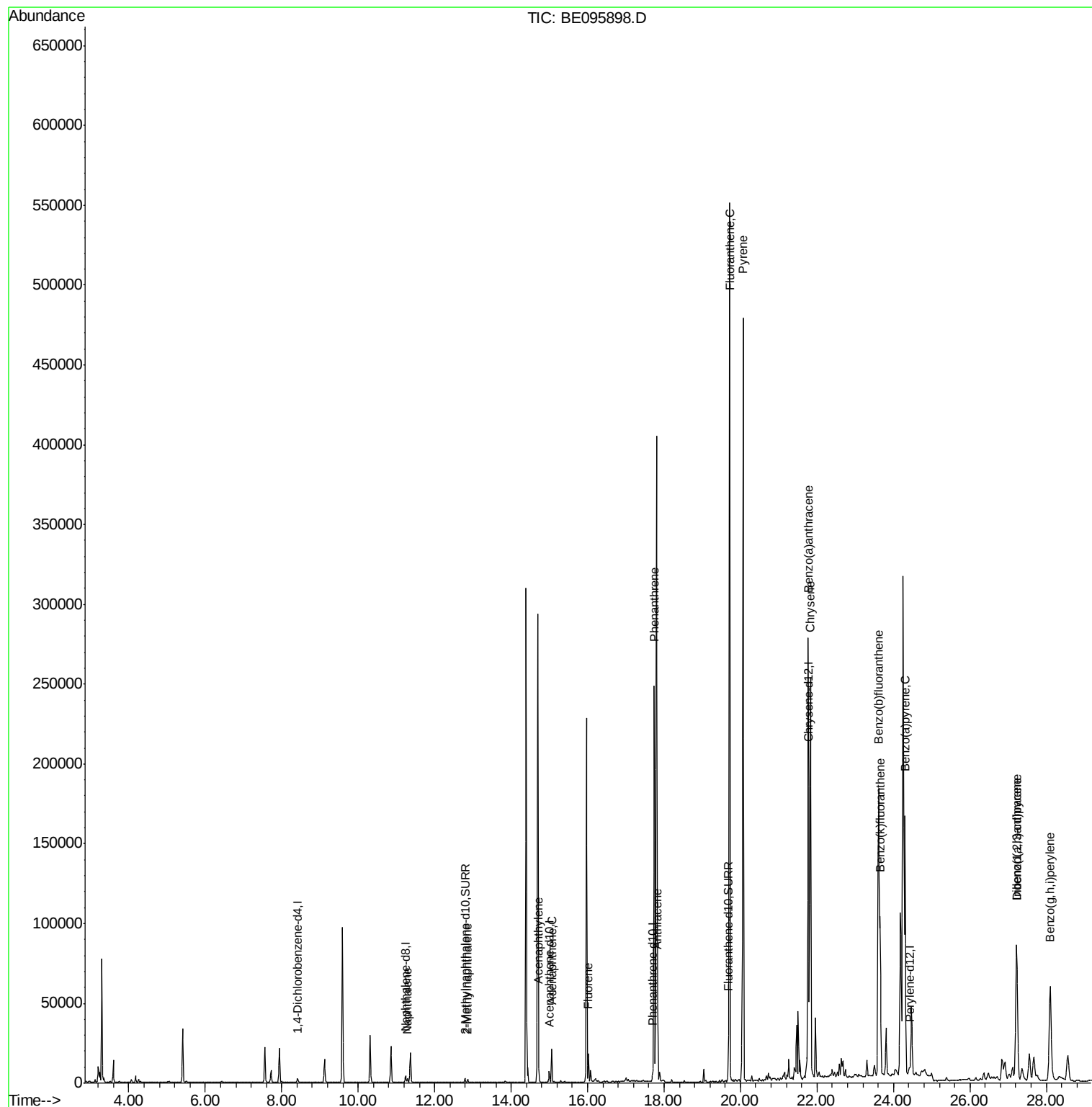
Data Path : Z:\HPCHEM1\BNA E\DATA\BE032818\
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Misc :
ALS Vial : 28 Sample Multiplier: 1

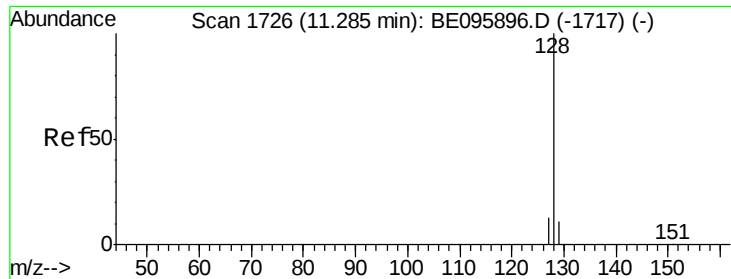
Instrument :
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Quant Time: Mar 29 07:19:40 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE031318.M
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#3

Naphthalene

Concen: 0.197 ng/ul

RT: 11.29 min Scan# 1726

Delta R.T. 0.00 min

Lab File: BE095898.D

Acq: 29 Mar 2018 3:52

Instrument :

BNA_E

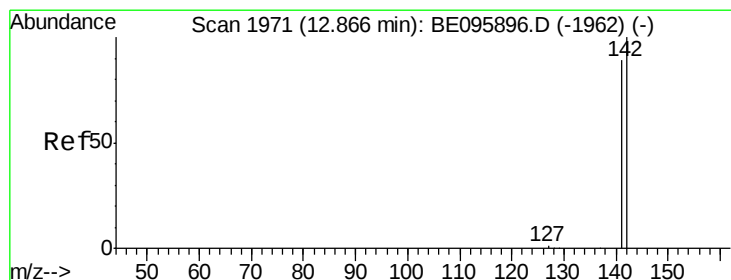
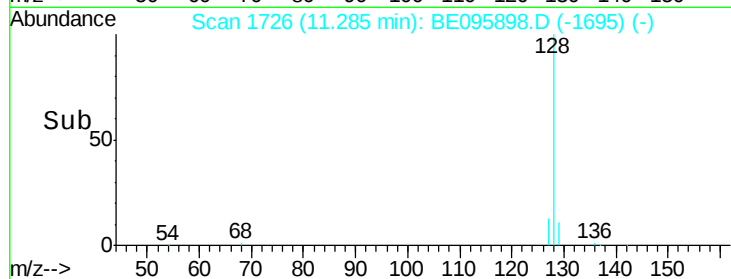
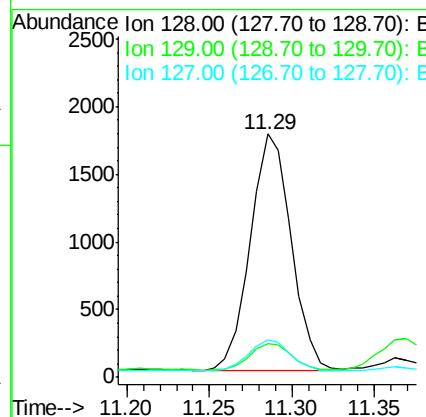
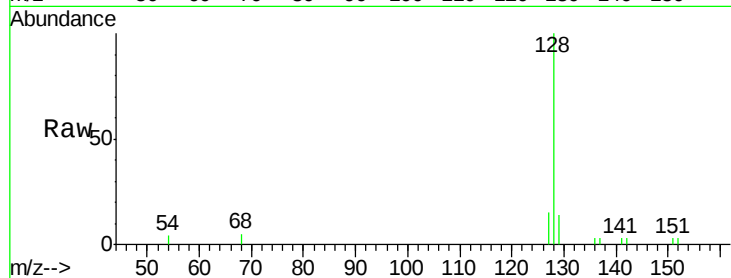
ClientSampleId :

C0AW1

Tot Ion:	128	Resp:	3016
Ion Ratio	Lower	Upper	
128	100		
129	14.0	11.3	16.9
127	15.5	4.0	6.0#

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#5

2-Methylnaphthalene

Concen: 0.151 ng/ul

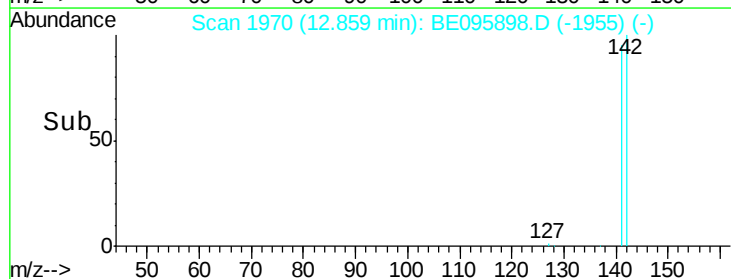
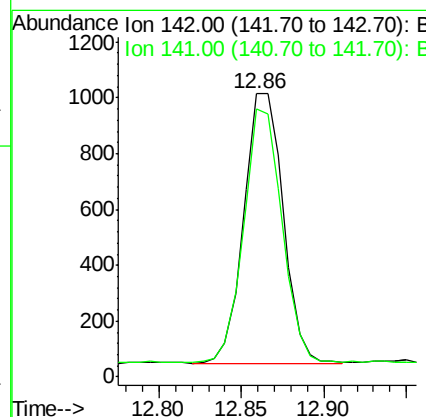
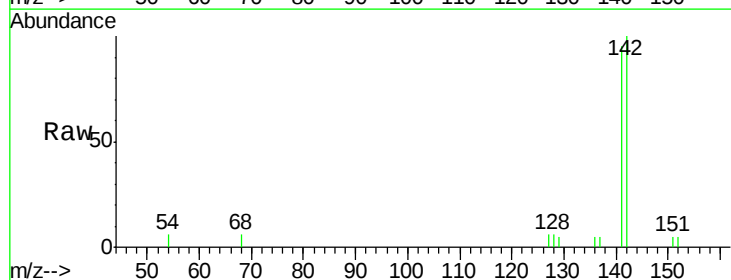
RT: 12.86 min Scan# 1970

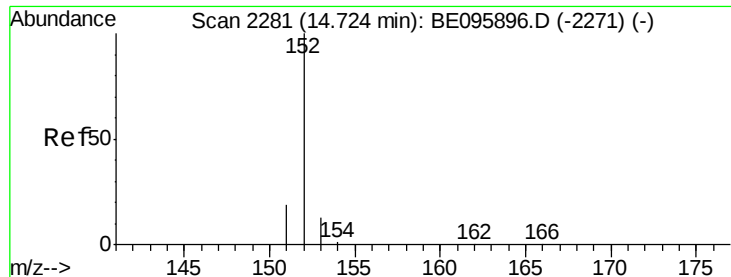
Delta R.T. -0.01 min

Lab File: BE095898.D

Acq: 29 Mar 2018 3:52

Tgt Ion:	142	Resp:	1609
Ion Ratio	Lower	Upper	
142	100		
141	91.3	72.6	108.8





#7

Acenaphthylene

Concen: 0.114 ng/ul

RT: 14.72 min Scan# 2281

Delta R.T. 0.00 min

Lab File: BE095898.D

Acq: 29 Mar 2018 3:52

Instrument :

BNA_E

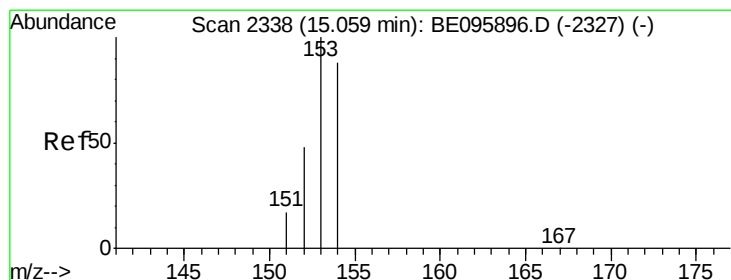
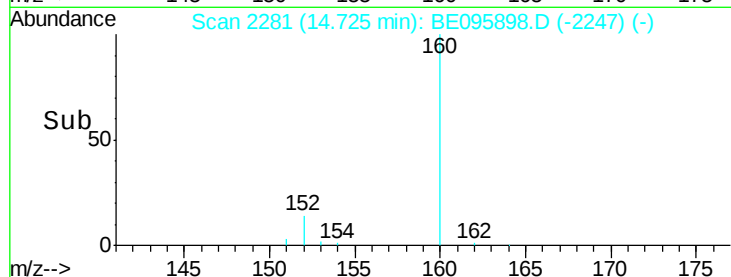
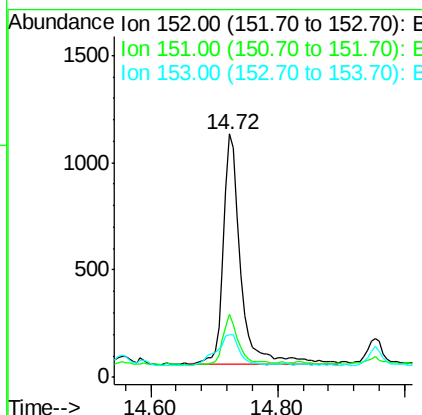
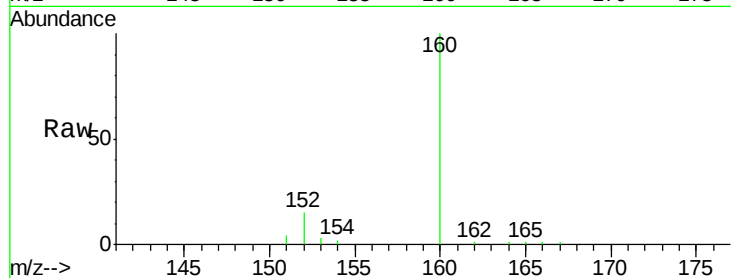
ClientSampleId :

C0AW1

Tot Ion	Ratio	Lower	Upper
152	100		
151	26.1	17.1	25.7#
153	17.7	12.8	19.2

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#8

Acenaphthene

Concen: 0.873 ng/ul

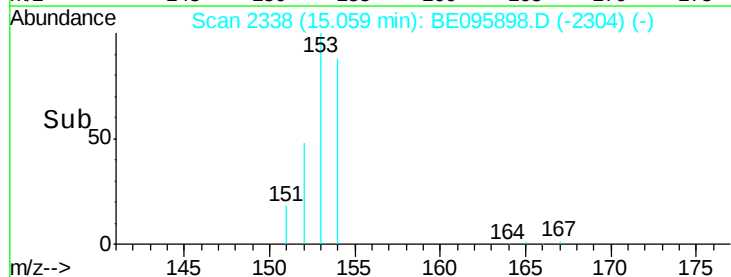
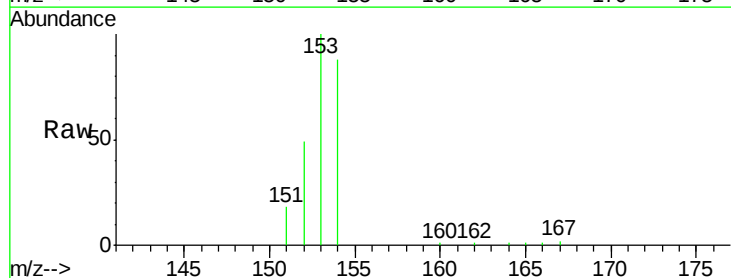
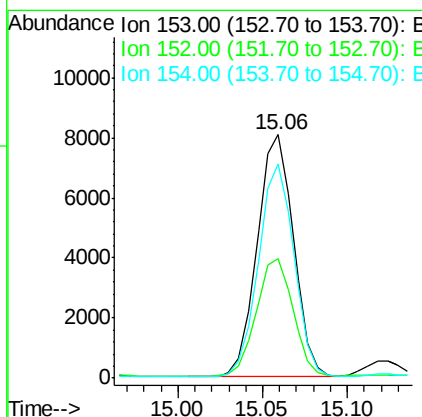
RT: 15.06 min Scan# 2338

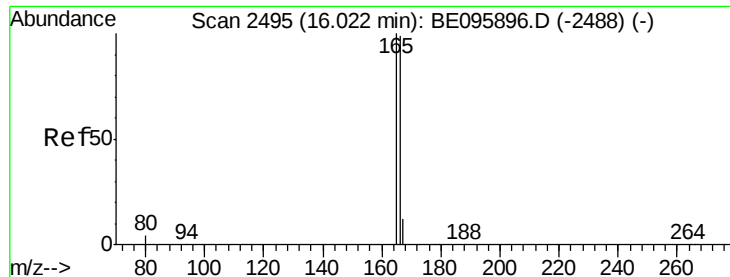
Delta R.T. 0.00 min

Lab File: BE095898.D

Acq: 29 Mar 2018 3:52

Tgt Ion	Ratio	Lower	Upper
153	100		
152	48.8	36.0	54.0
154	87.8	72.0	108.0





#9

Fluorene

Concen: 0.773 ng/ul

RT: 16.02 min Scan# 2495

Delta R.T. 0.00 min

Lab File: BE095898.D

Acq: 29 Mar 2018 3:52

Instrument :

BNA_E

ClientSampleId :

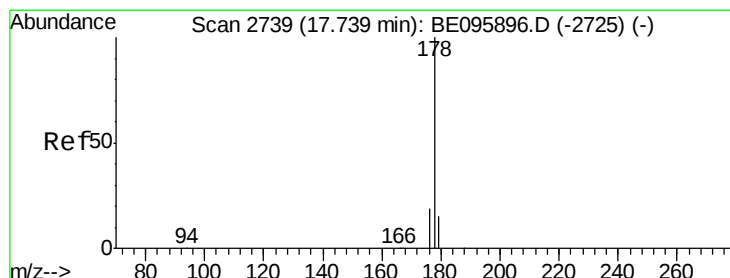
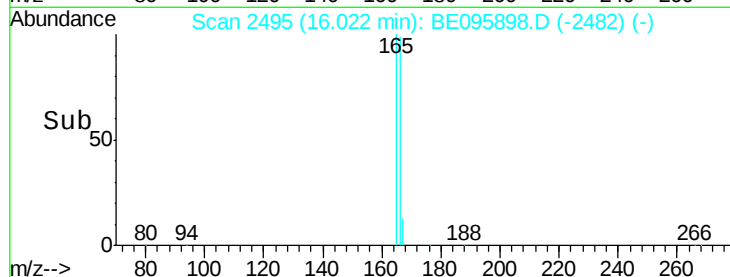
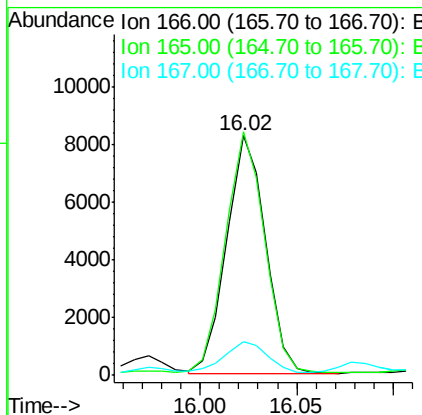
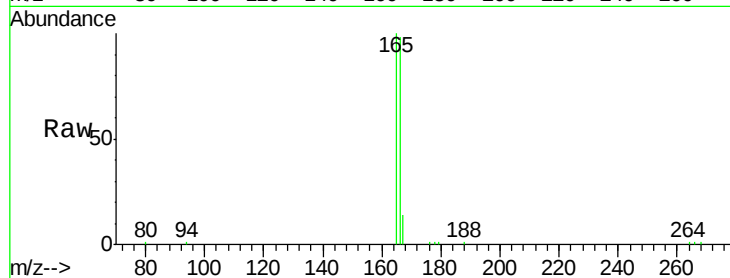
C0AW1

Tot Ion	Ratio	Lower	Upper
166	100		
165	101.7	73.4	110.2
167	14.3	14.6	22.0

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#12

Phenanthrene

Concen: 10.845 ng/ul m

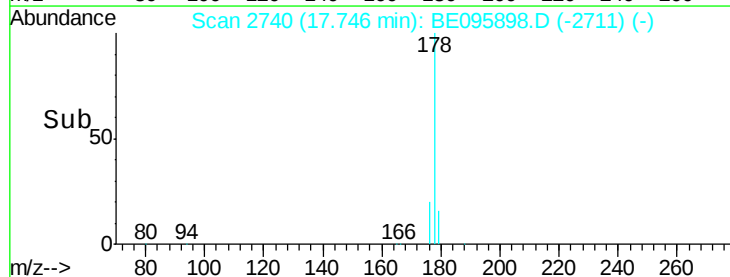
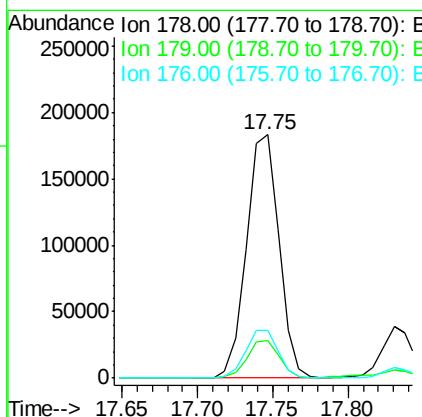
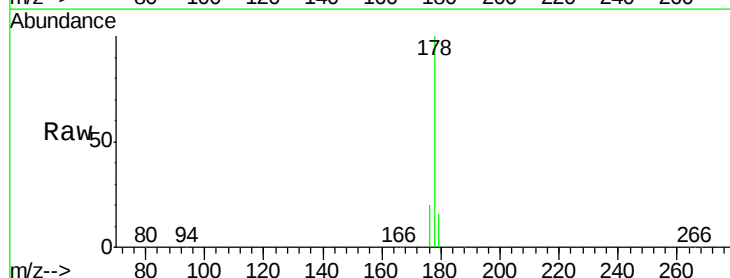
RT: 17.75 min Scan# 2740

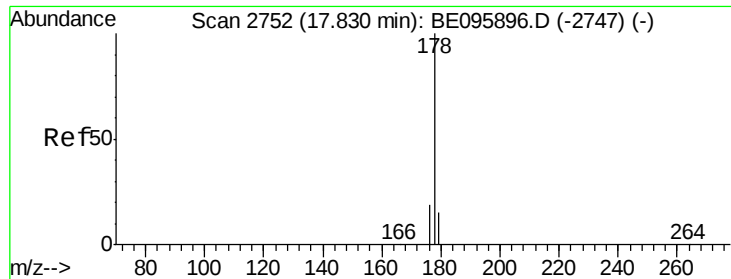
Delta R.T. 0.01 min

Lab File: BE095898.D

Acq: 29 Mar 2018 3:52

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.6	18.4	27.6
176	19.6	13.6	20.4





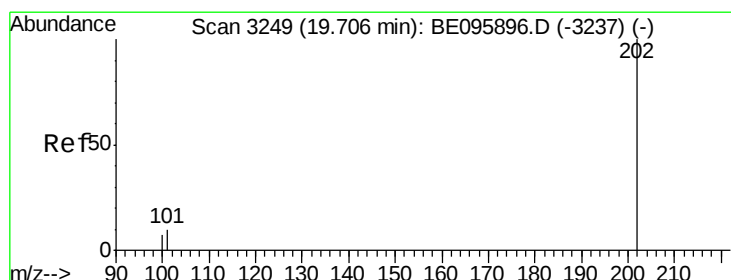
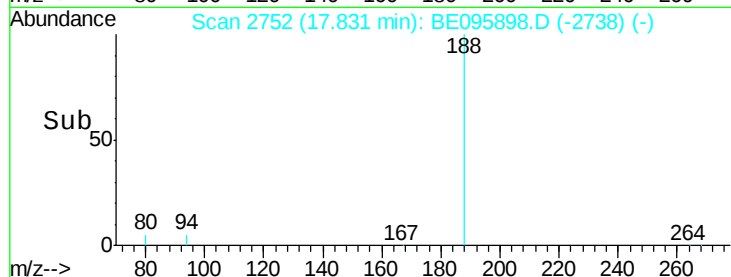
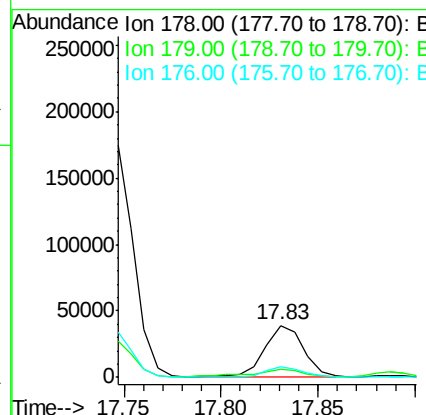
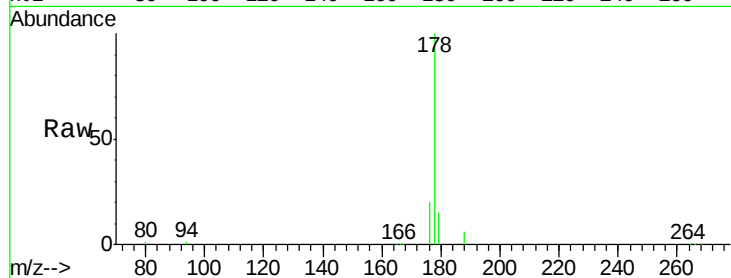
#13
 Anthracene
 Concen: 2.320 ng/ul m
 RT: 17.83 min Scan# 2752
 Delta R.T. 0.00 min
 Lab File: BE095898.D
 Acq: 29 Mar 2018 3:52

Instrument :
 BNA_E
 ClientSampleId :
 C0AW1

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.1	18.1	27.1#
176	19.7	14.7	22.1

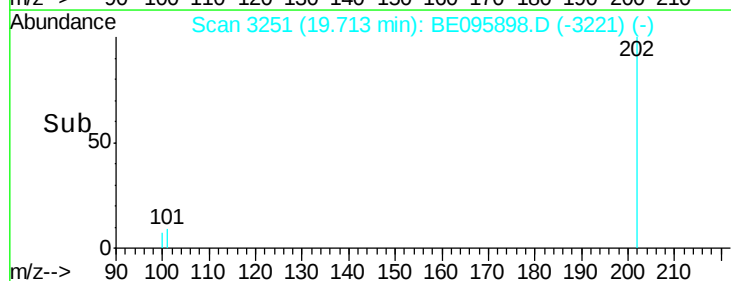
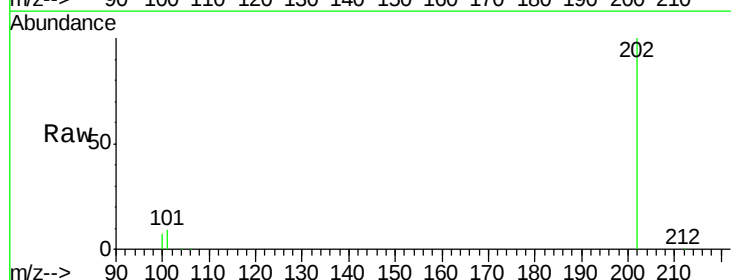
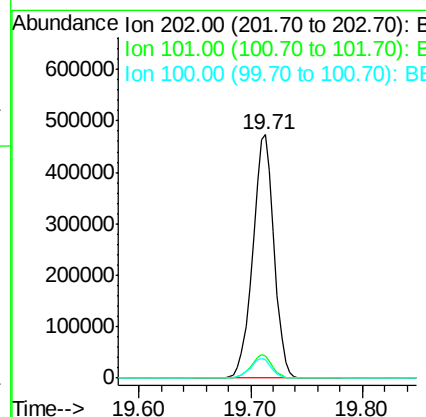
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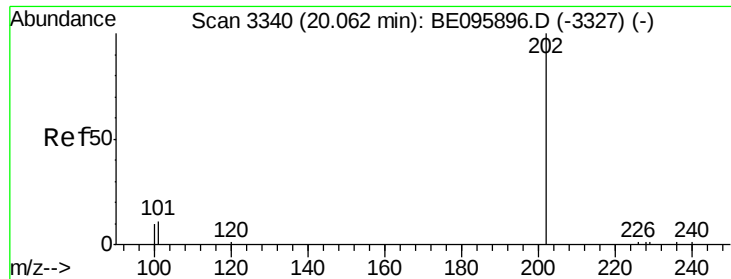
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#15
 Fluoranthene
 Concen: 20.480 ng/ul m
 RT: 19.71 min Scan# 3251
 Delta R.T. 0.01 min
 Lab File: BE095898.D
 Acq: 29 Mar 2018 3:52

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.1	0.0	30.3
100	7.4	0.0	39.5





#17

Pvrene

Concen: 19.041 ng/ul

RT: 20.07 min Scan# 3340

Delta R.T. 0.00 min

Lab File: BE095898.D

Acq: 29 Mar 2018 3:52

Instrument :

BNA_E

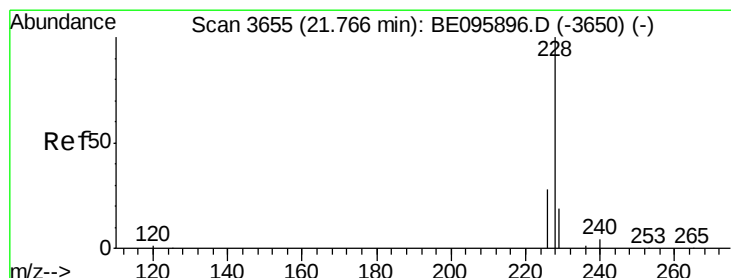
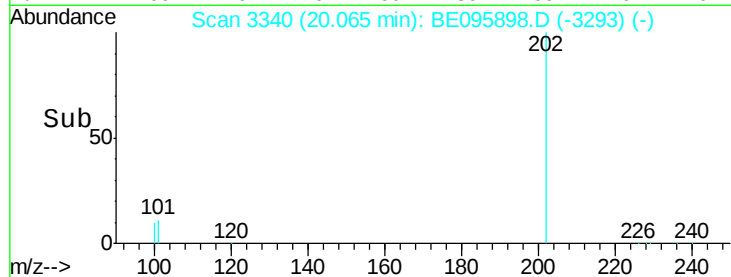
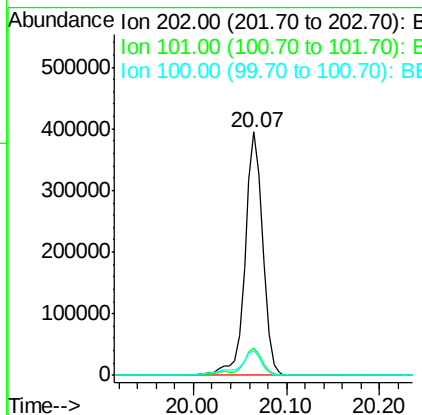
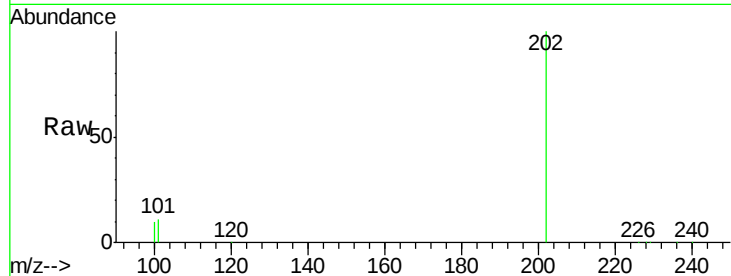
ClientSampled :

C0AW1

Tot Ion:	202	Resp:	576307
Ion Ratio	Lower	Upper	
202	100		
101	11.1	18.2	27.4#
100	10.0	15.6	23.4#

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#18

Benzo(a)anthracene

Concen: 13.713 ng/ul m

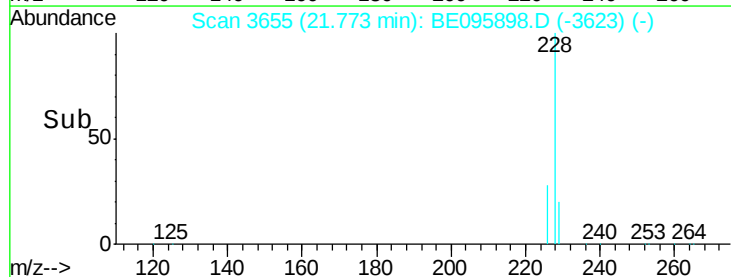
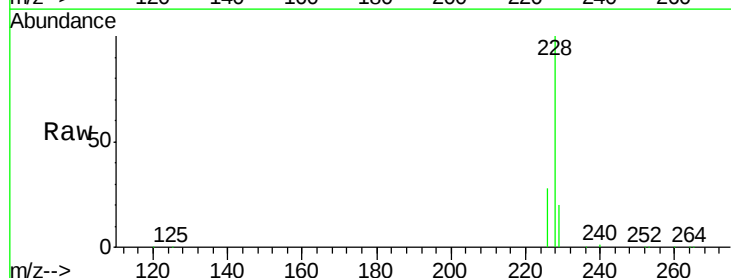
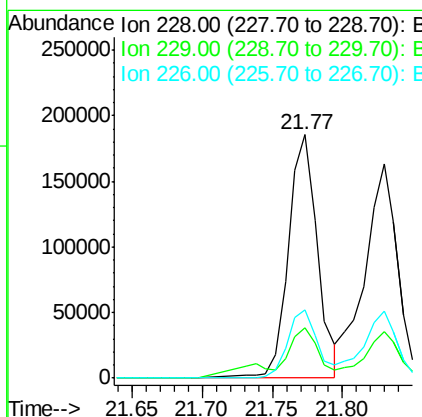
RT: 21.77 min Scan# 3655

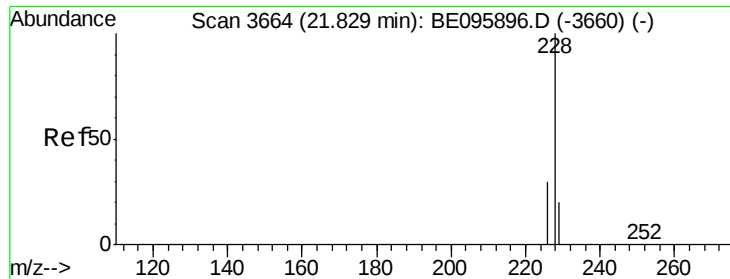
Delta R.T. 0.01 min

Lab File: BE095898.D

Acq: 29 Mar 2018 3:52

Tgt Ion:	228	Resp:	352684
Ion Ratio	Lower	Upper	
228	100		
229	20.4	22.8	34.2#
226	27.8	17.0	25.6#





#19

Chrysene

Concen: 10.081 ng/ul

RT: 21.83 min Scan# 3663

Delta R.T. 0.00 min

Lab File: BE095898.D

Acq: 29 Mar 2018 3:52

Instrument :

BNA_E

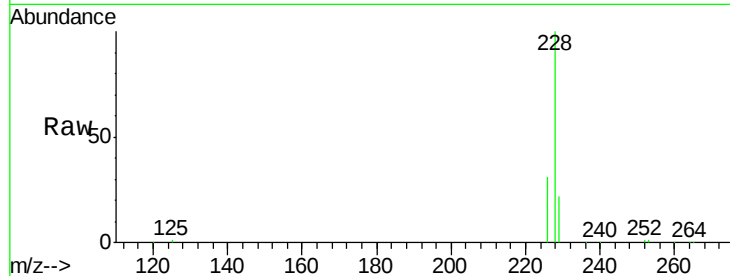
ClientSampled :

C0AW1

Tot Ion:	228	Resp:	263982
Ion Ratio	Lower	Upper	
228	100		
226	31.0	23.4	35.0
229	22.0	17.7	26.5

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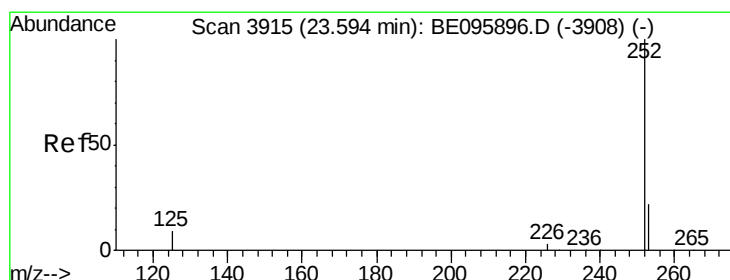
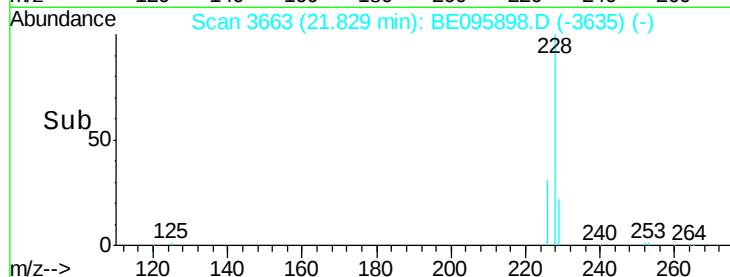
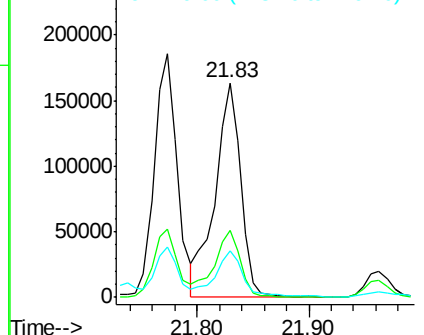
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Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#21

Benzo(b)fluoranthene

Concen: 10.920 ng/ul m

RT: 23.61 min Scan# 3916

Delta R.T. 0.01 min

Lab File: BE095898.D

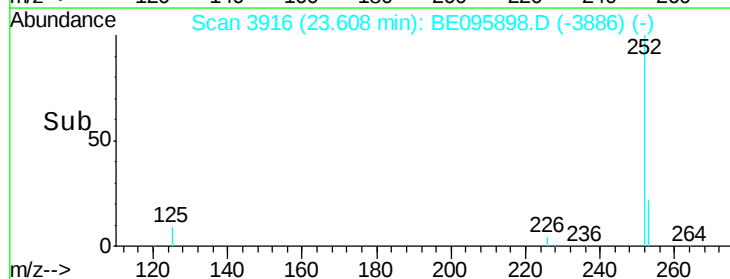
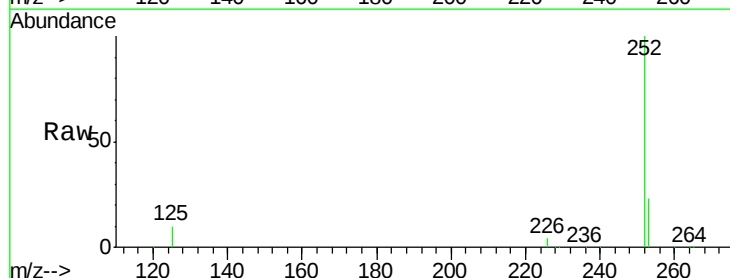
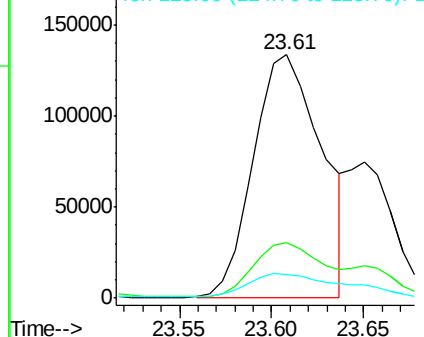
Acq: 29 Mar 2018 3:52

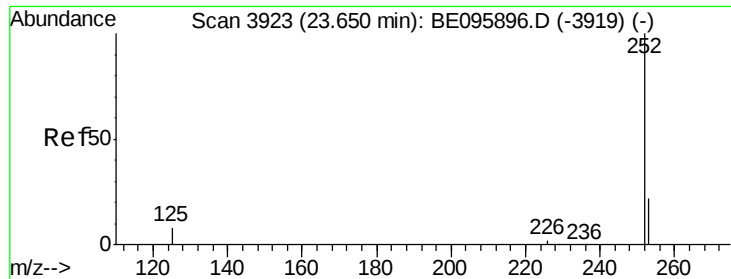
Tgt Ion:	252	Resp:	344366
Ion Ratio	Lower	Upper	
252	100		
253	22.5	0.0	64.2
125	9.8	0.0	35.0

Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#22

Benzo(k)fluoranthene

Concen: 4.322 ng/ul m

RT: 23.65 min Scan# 3922

Delta R.T. 0.00 min

Lab File: BE095898.D

Acq: 29 Mar 2018 3:52

Instrument :

BNA_E

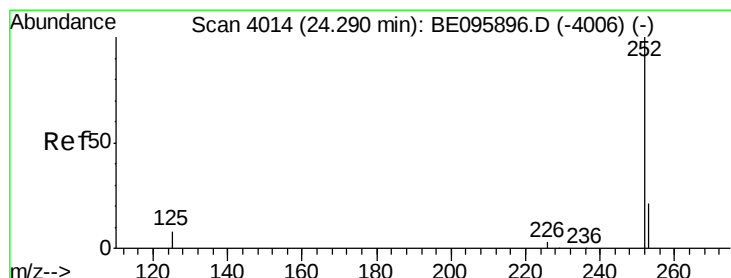
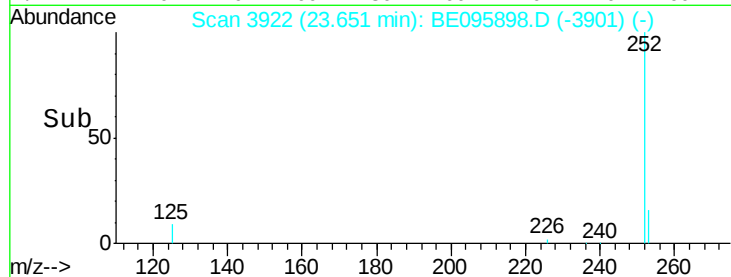
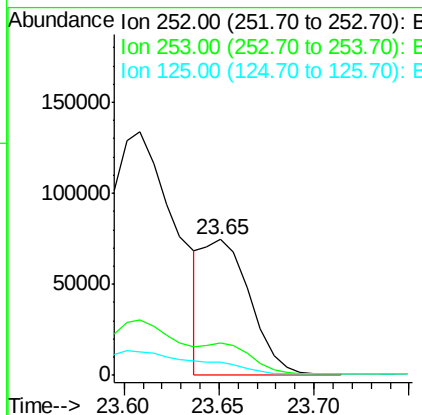
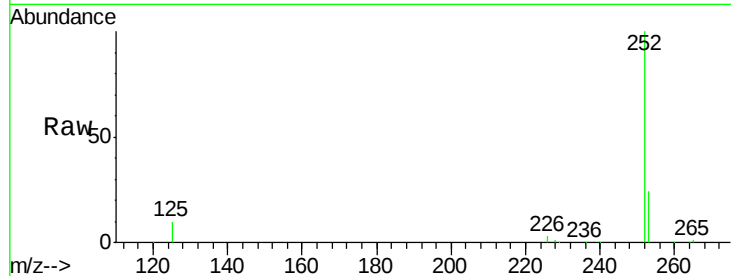
ClientSampleId :

C0AW1

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.5	24.5	36.7#
125	9.9	13.7	20.5#

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#23

Benzo(a)pyrene

Concen: 8.649 ng/ul m

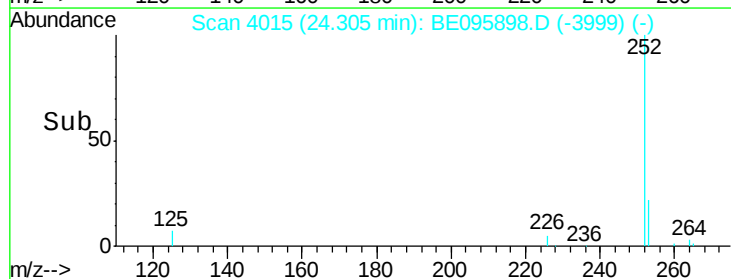
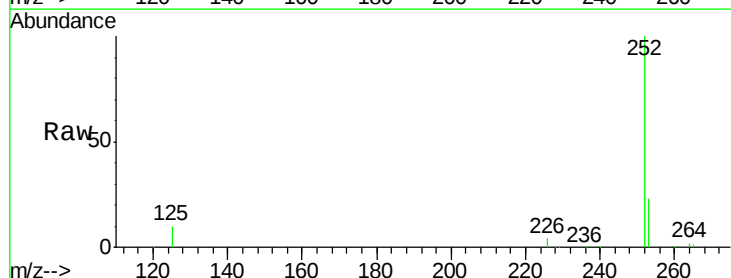
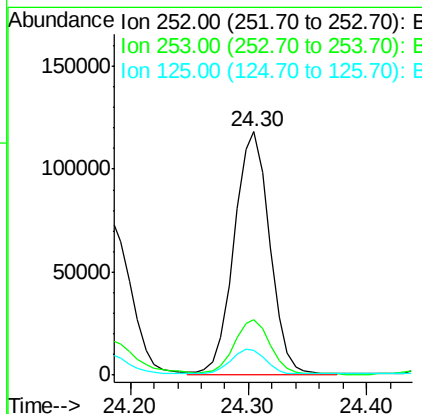
RT: 24.30 min Scan# 4015

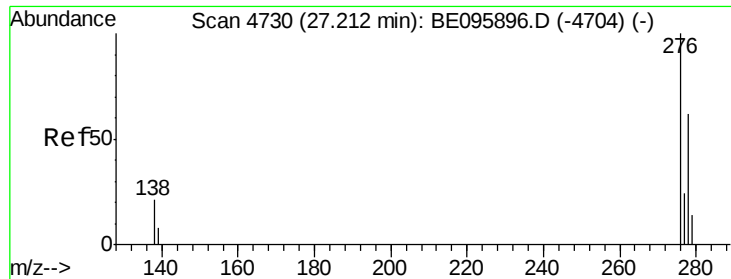
Delta R.T. 0.01 min

Lab File: BE095898.D

Acq: 29 Mar 2018 3:52

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	28.5	42.7#
125	10.0	18.1	27.1#





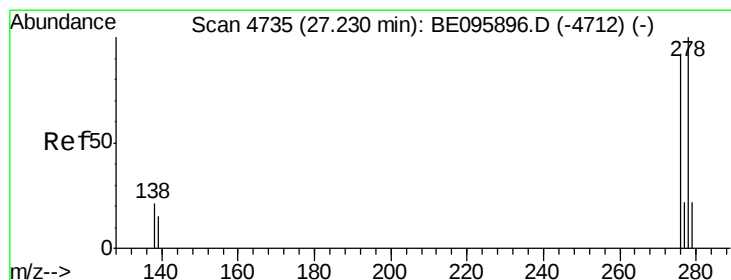
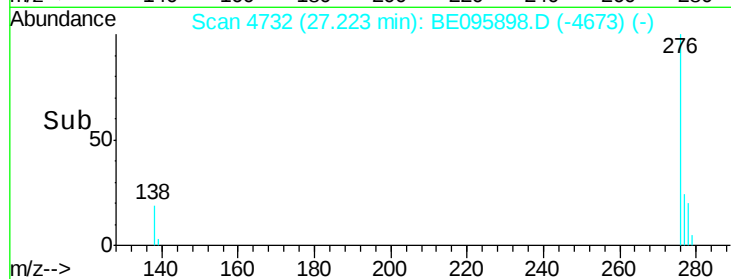
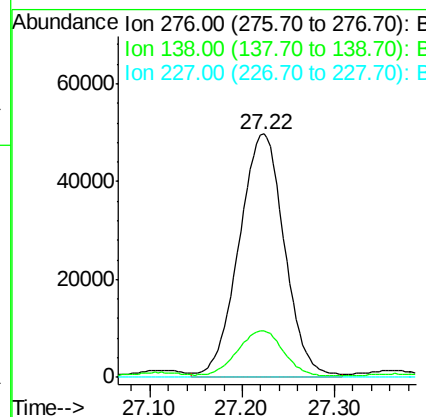
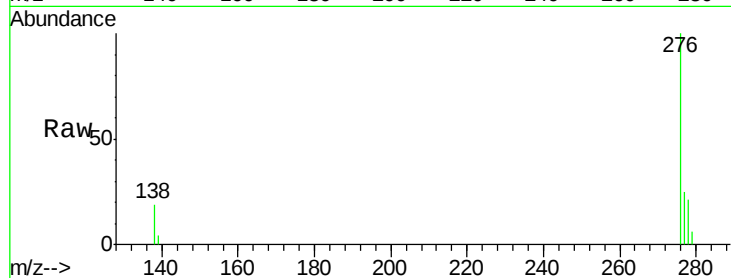
#24
Indeno(1,2,3-cd)pyrene
Concen: 5.359 ng/ul m
RT: 27.22 min Scan# 4732
Delta R.T. 0.01 min
Lab File: BE095898.D
Acq: 29 Mar 2018 3:52

Instrument :
BNA_E
ClientSampleId :
C0AW1

Tot Ion	Ratio	Resp	Lower	Upper
276	100	171087		
138	1.1	28.0	42.0#	
227	0.0	8.0	12.0#	

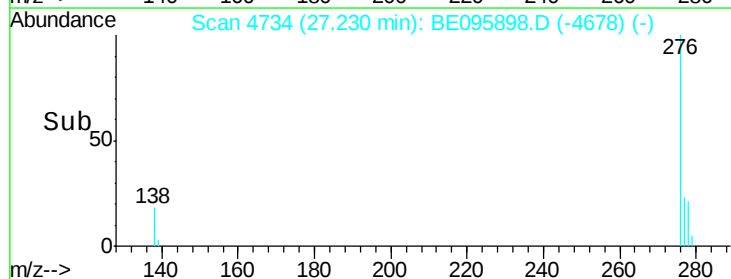
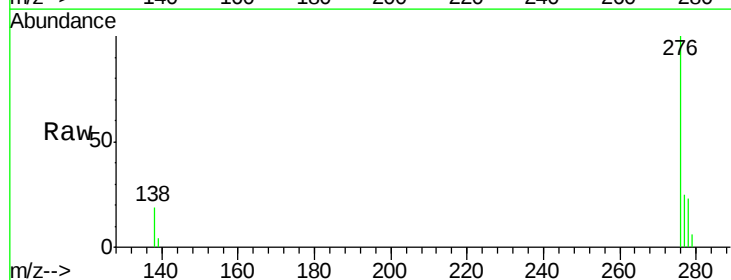
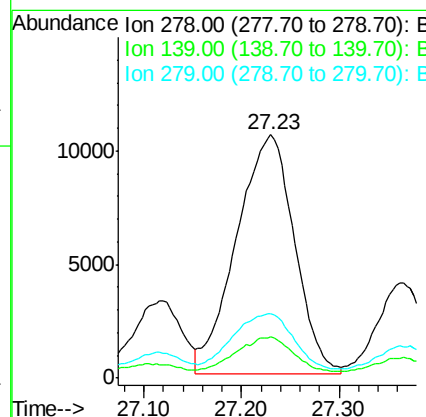
Manual Integrations
APPROVED

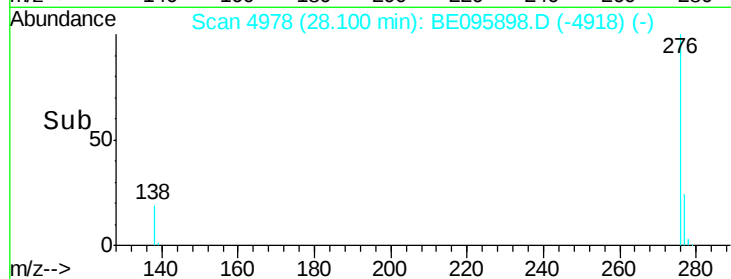
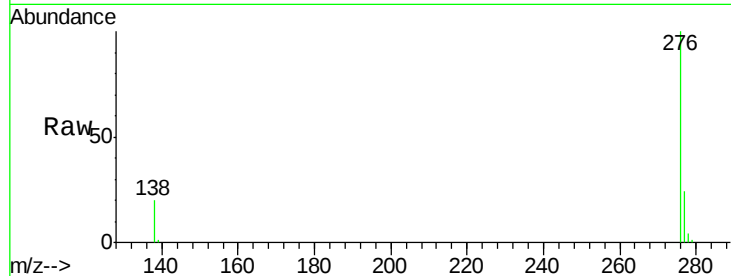
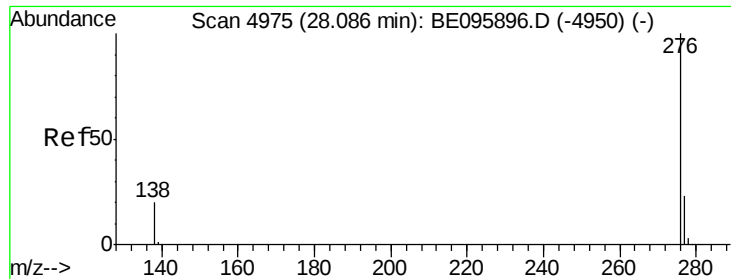
Sohil
3/29/2018 5:18:56 PM



#25
Dibenzo(a,h)anthracene
Concen: 1.696 ng/ul m
RT: 27.23 min Scan# 4734
Delta R.T. 0.00 min
Lab File: BE095898.D
Acq: 29 Mar 2018 3:52

Tgt Ion	Ratio	Resp	Lower	Upper
278	100	43299		
139	16.8	17.4	26.0#	
279	26.4	25.9	38.9	





#26

Benzo(a,h,i)perylene

Concen: 5.822 ng/ul m

RT: 28.10 min Scan# 4978

Delta R.T. 0.01 min

Lab File: BE095898.D

Acq: 29 Mar 2018 3:52

Instrument :

BNA_E

ClientSampleId :

C0AW1

Tot Ion	Ratio	Lower	Upper
276	100		
138	19.7	21.8	32.8#
277	24.3	20.5	30.7

Manual Integrations
APPROVED

Sohil
3/29/2018 5:18:56 PM

