

Data Path : Z:\HPCHEM1\BNA E\DATA\BE032818\
 Data File : BE095903.D
 Acq On : 29 Mar 2018 6:51
 Operator : SJ/JU
 Sample : J2060-02
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AT2

Manual Integrations
 APPROVED

Sohil
 3/29/2018 5:19:11 PM

Quant Time: Mar 29 08:06:46 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	1951	0.40	ng/ul	0.00
2) Naphthalene-d8	11.24	136	5946	0.40	ng/ul	0.00
6) Acenaphthene-d10	15.00	164	3879	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.71	188	8153m	0.40	ng/ul	0.00
16) Chrysene-d12	21.80	240	7657m	0.40	ng/ul	0.01
20) Perylene-d12	24.43	264	9640m	0.40	ng/ul	0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.80	152	3082	0.31	ng/ul	0.00
14) Fluoranthene-d10	19.69	212	7592m	0.29	ng/ul	0.01
Target Compounds						
					Ovalue	
3) Naphthalene	11.29	128	9935	0.599	ng/ul#	88
5) 2-Methylnaphthalene	12.87	142	4211	0.365	ng/ul	99
7) Acenaphthylene	14.73	152	764	0.039	ng/ul#	73
8) Acenaphthene	15.07	153	18055	1.224	ng/ul	96
9) Fluorene	16.03	166	16491	1.030	ng/ul#	90
12) Phenanthrene	17.75	178	274141m	11.228	ng/ul	
13) Anthracene	17.84	178	84814m	3.715	ng/ul	
15) Fluoranthene	19.72	202	725314m	24.523	ng/ul	
17) Pyrene	20.07	202	664913	22.869	ng/ul#	78
18) Benzo(a)anthracene	21.78	228	451921m	18.292	ng/ul	
19) Chrysene	21.84	228	463240m	18.415	ng/ul	
21) Benzo(b)fluoranthene	23.62	252	655828m	19.640	ng/ul	
22) Benzo(k)fluoranthene	23.67	252	179362m	5.650	ng/ul	
23) Benzo(a)pyrene	24.32	252	444713m	14.587	ng/ul	
24) Indeno(1,2,3-cd)pyrene	27.26	276	296579m	8.773	ng/ul	
25) Dibenzo(a,h)anthracene	27.26	278	77390m	2.863	ng/ul	
26) Benzo(a,h,i)perylene	28.14	276	287512m	9.900	ng/ul	

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

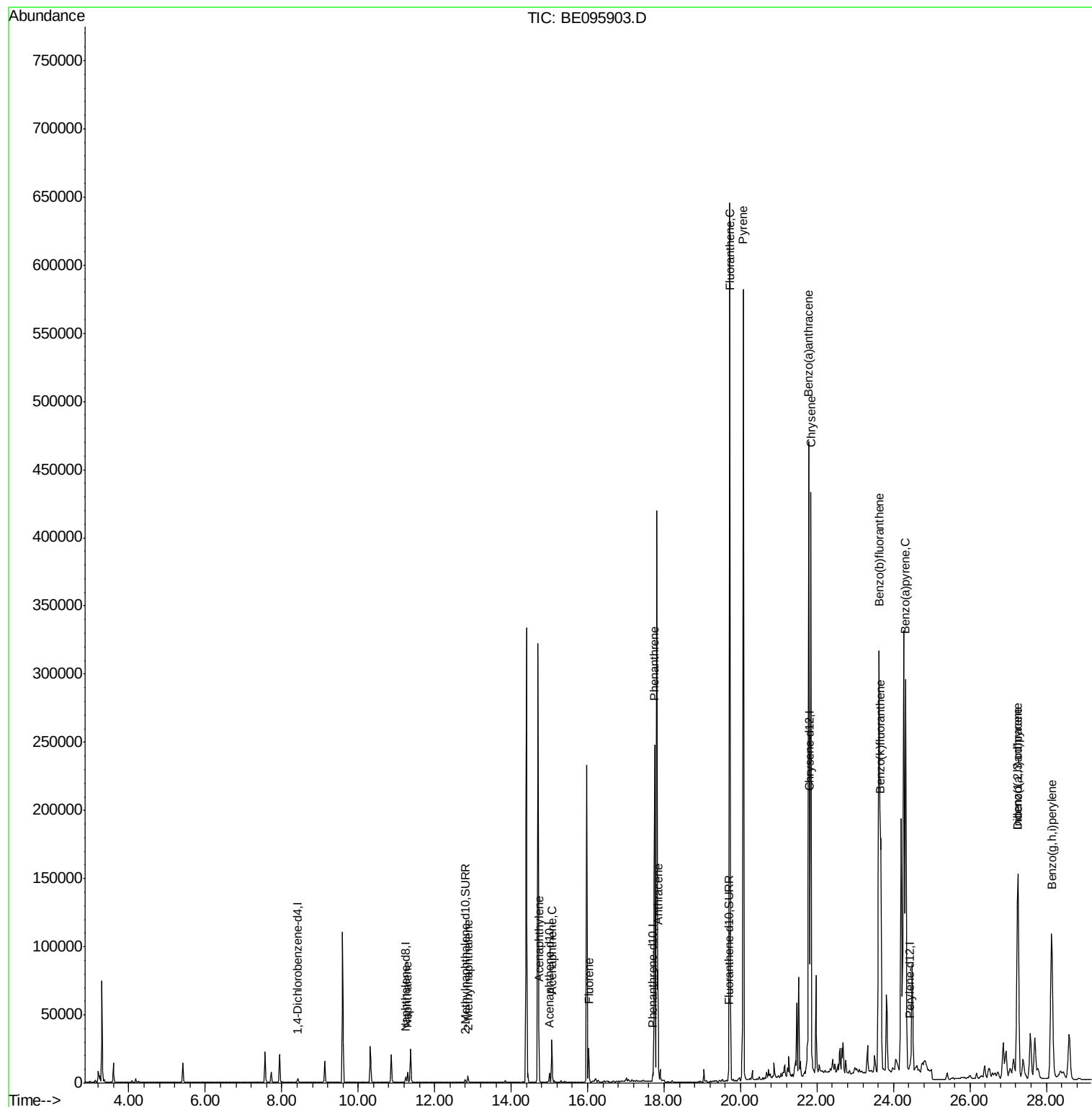
Data Path : Z:\HPCHEM1\BNA E\DATA\BE032818\
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ALS Vial : 33 Sample Multiplier: 1

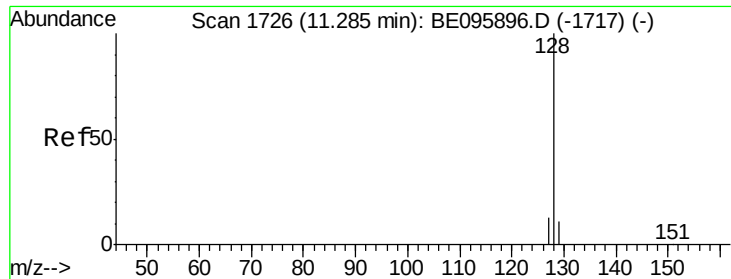
Instrument :
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C0AT2

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Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE031318.M
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#3

Naphthalene

Concen: 0.599 ng/ul

RT: 11.29 min Scan# 1727

Delta R.T. 0.01 min

Lab File: BE095903.D

Acq: 29 Mar 2018 6:51

Instrument :

BNA_E

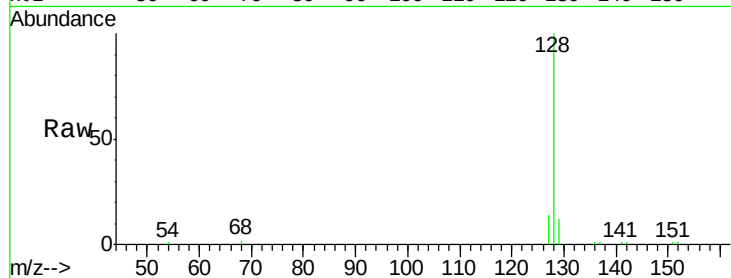
ClientSampleId :

C0AT2

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.7	11.3	16.9
127	14.4	4.0	6.0

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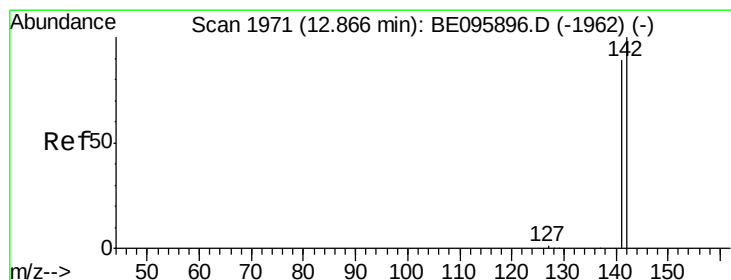
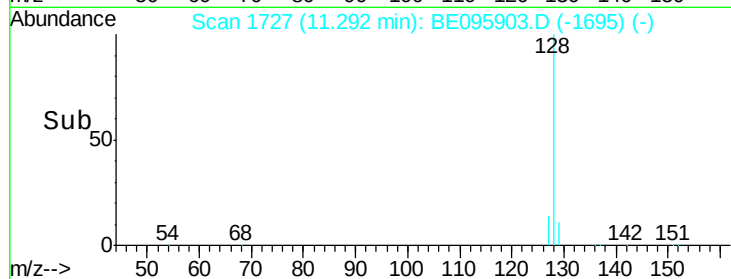
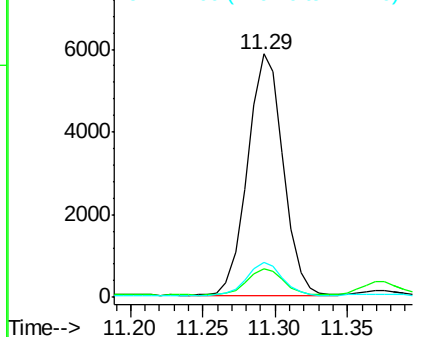
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#5

2-Methylnaphthalene

Concen: 0.365 ng/ul

RT: 12.87 min Scan# 1972

Delta R.T. 0.01 min

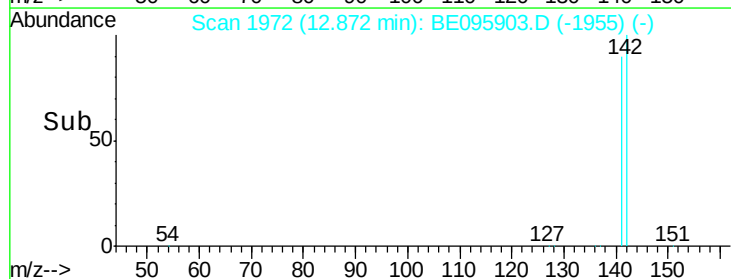
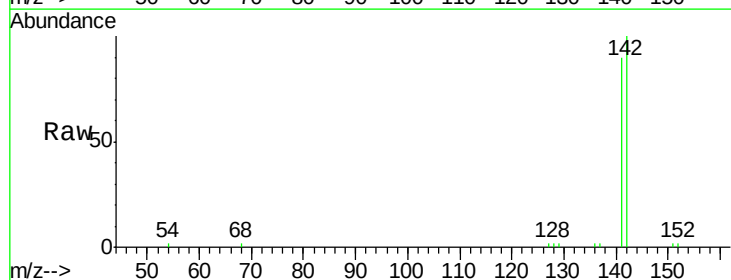
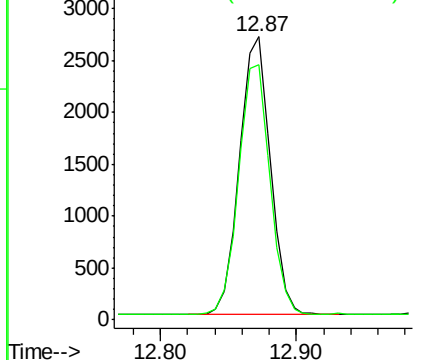
Lab File: BE095903.D

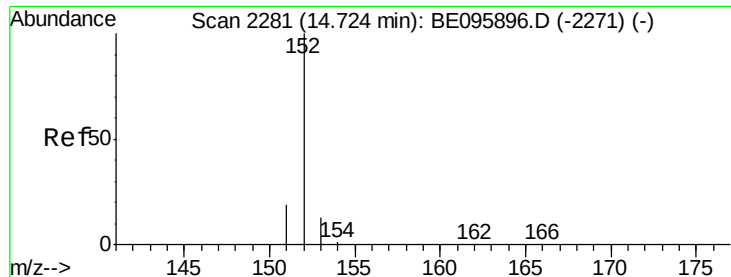
Acq: 29 Mar 2018 6:51

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.8	72.6	108.8

Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.039 ng/ul

RT: 14.73 min Scan# 2283

Delta R.T. 0.01 min

Lab File: BE095903.D

Acq: 29 Mar 2018 6:51

Instrument :

BNA_E

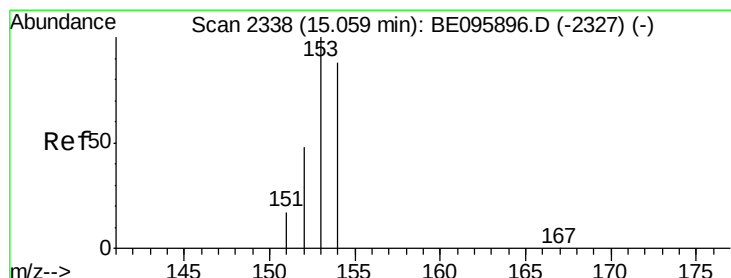
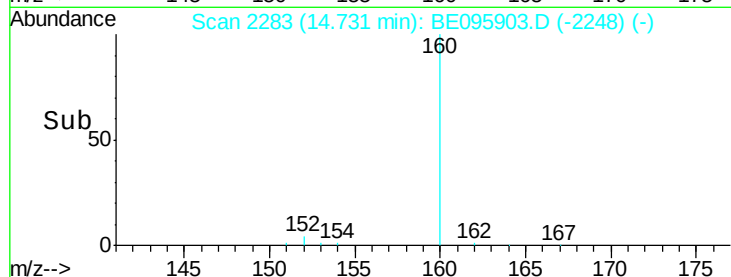
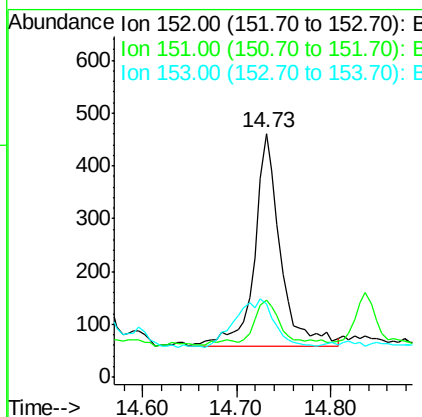
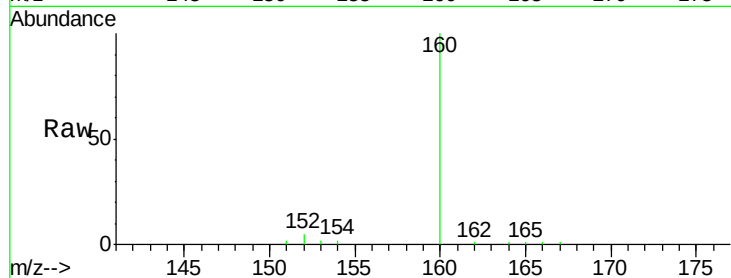
ClientSampleId :

C0AT2

Tot Ion:	152	Resp:	764
Ion Ratio	Lower	Upper	
152	100		
151	31.9	17.1	25.7#
153	30.2	12.8	19.2#

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#8

Acenaphthene

Concen: 1.224 ng/ul

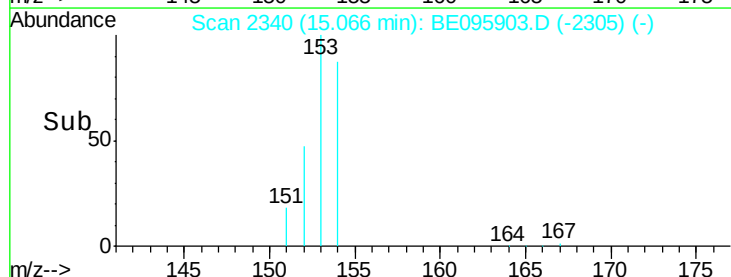
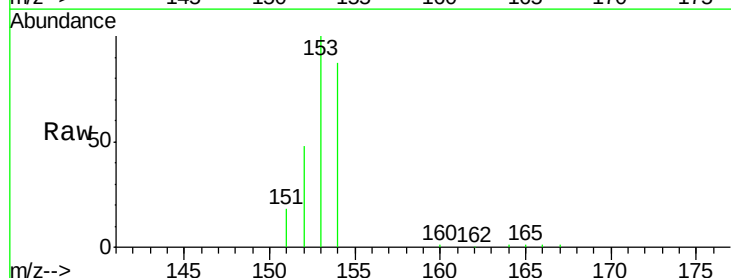
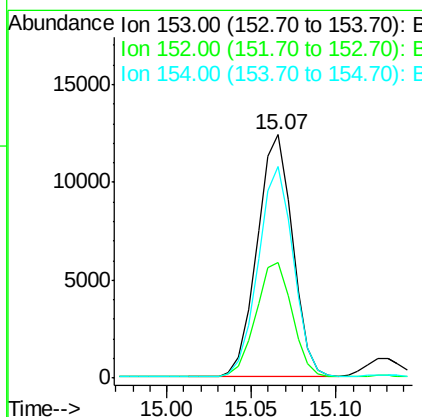
RT: 15.07 min Scan# 2340

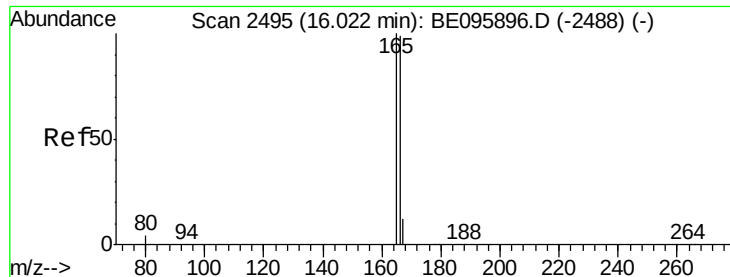
Delta R.T. 0.01 min

Lab File: BE095903.D

Acq: 29 Mar 2018 6:51

Tgt Ion:	153	Resp:	18055
Ion Ratio	Lower	Upper	
153	100		
152	47.6	36.0	54.0
154	86.9	72.0	108.0





#9

Fluorene

Concen: 1.030 ng/ul

RT: 16.03 min Scan# 2497

Delta R.T. 0.01 min

Lab File: BE095903.D

Acq: 29 Mar 2018 6:51

Instrument :

BNA_E

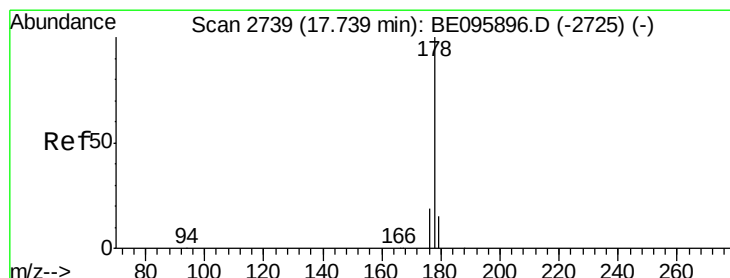
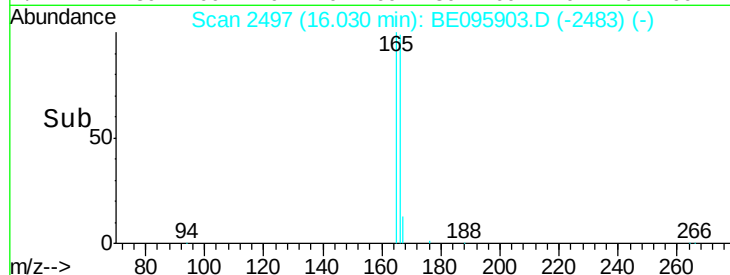
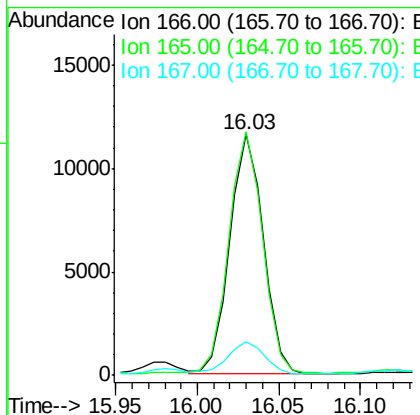
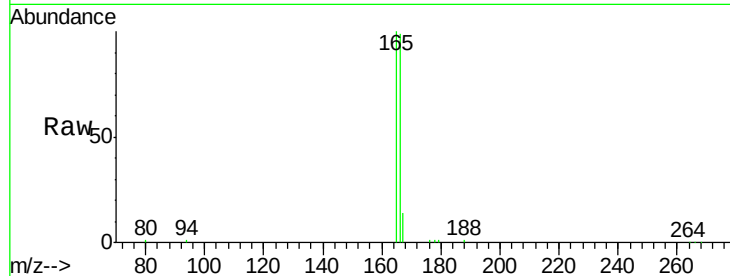
ClientSampleId :

C0AT2

Tot Ion	Ratio	Lower	Upper
166	100		
165	101.1	73.4	110.2
167	14.1	14.6	22.0

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#12

Phenanthrene

Concen: 11.228 ng/ul m

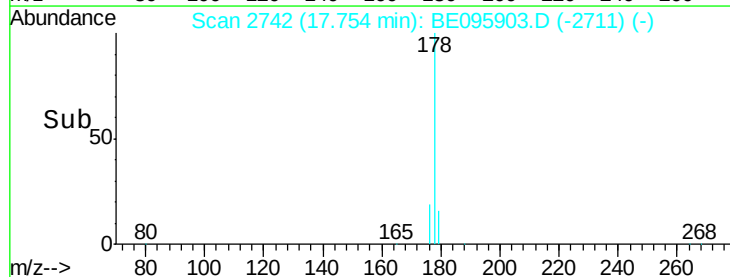
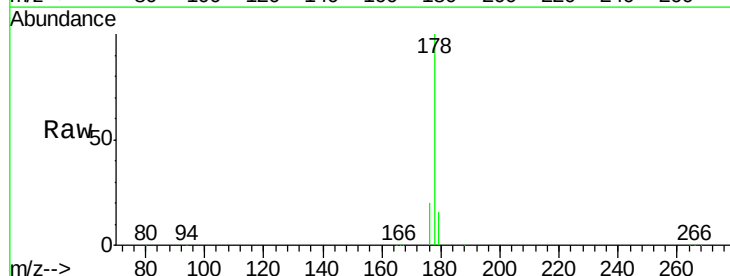
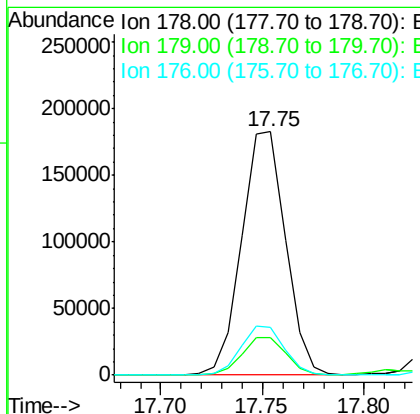
RT: 17.75 min Scan# 2742

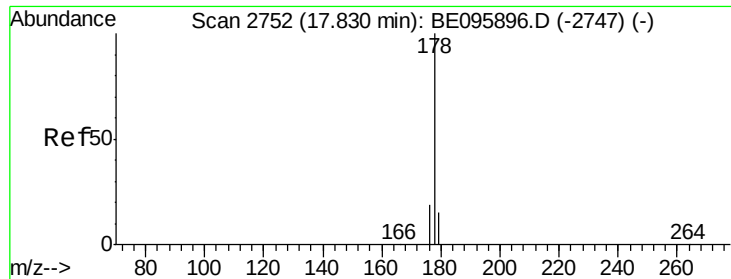
Delta R.T. 0.02 min

Lab File: BE095903.D

Acq: 29 Mar 2018 6:51

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.6	18.4	27.6
176	19.5	13.6	20.4





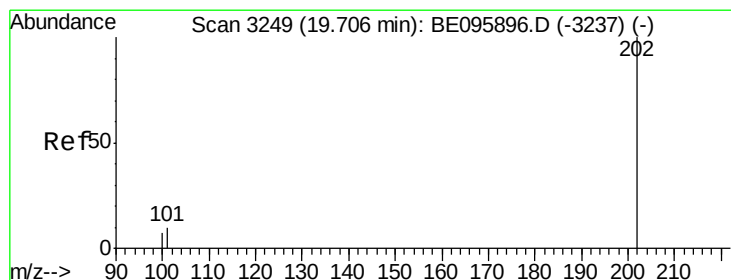
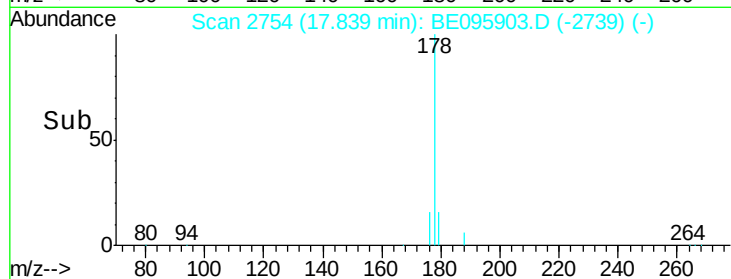
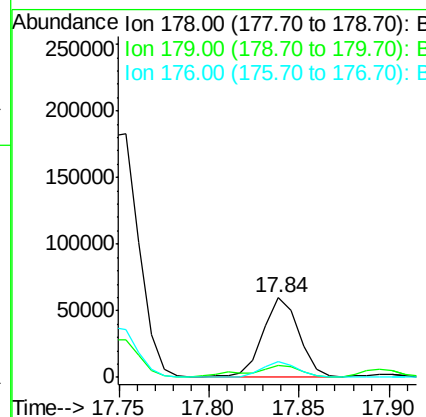
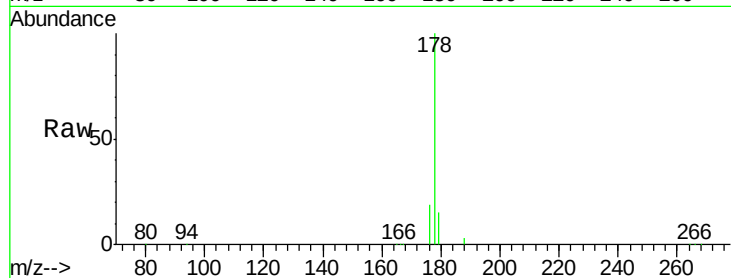
#13
 Anthracene
 Concen: 3.715 ng/ul m
 RT: 17.84 min Scan# 2754
 Delta R.T. 0.01 min
 Lab File: BE095903.D
 Acq: 29 Mar 2018 6:51

Instrument :
 BNA_E
 ClientSampled :
 C0AT2

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.4	18.1	27.1#
176	19.3	14.7	22.1

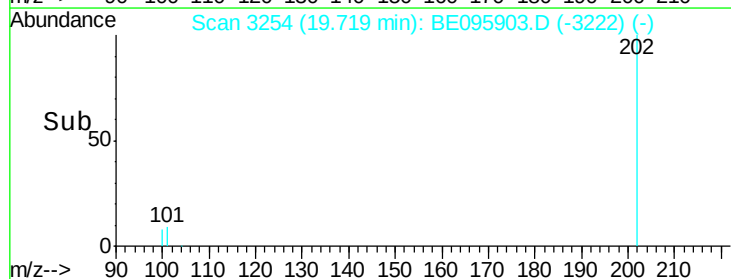
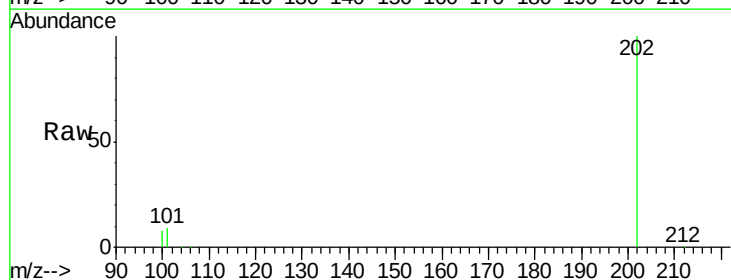
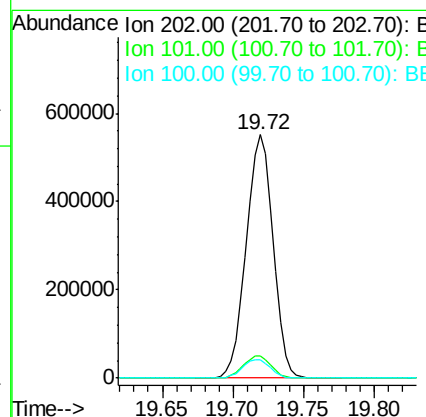
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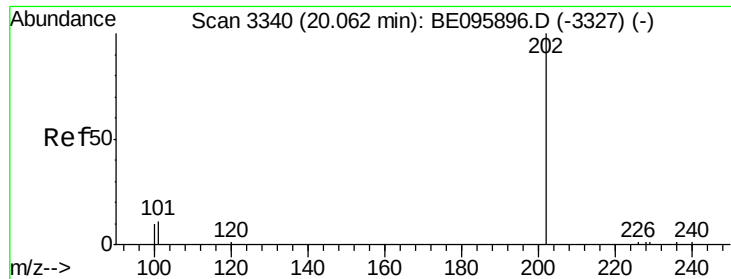
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#15
 Fluoranthene
 Concen: 24.523 ng/ul m
 RT: 19.72 min Scan# 3254
 Delta R.T. 0.01 min
 Lab File: BE095903.D
 Acq: 29 Mar 2018 6:51

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.2	0.0	30.3
100	7.7	0.0	39.5





#17

Pvrene

Concen: 22.869 ng/ul

RT: 20.07 min Scan# 3342

Delta R.T. 0.01 min

Lab File: BE095903.D

Acq: 29 Mar 2018 6:51

Instrument :

BNA_E

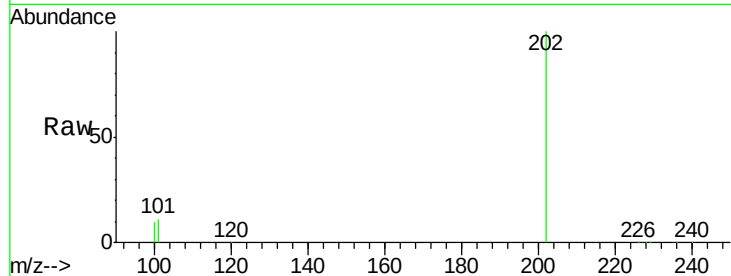
ClientSampleId :

C0AT2

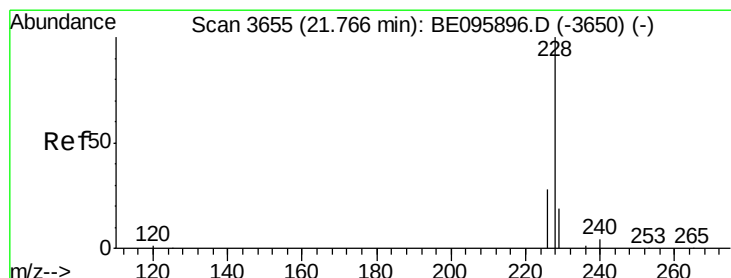
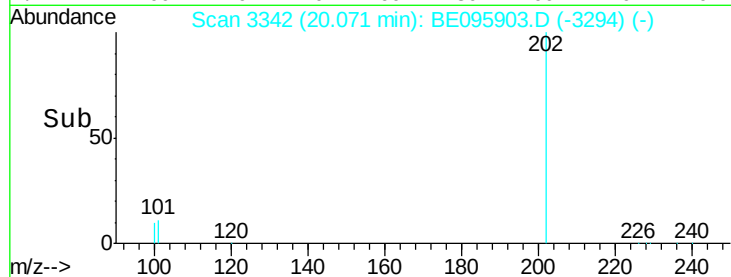
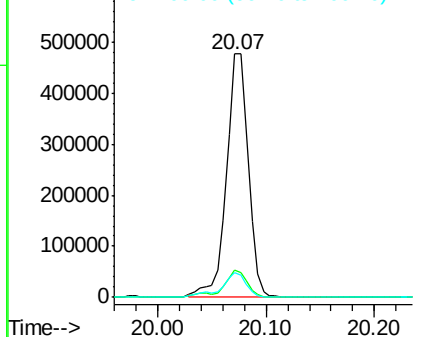
Tot Ion:	202	Resp:	664913
Ion Ratio	Lower	Upper	
202	100		
101	11.3	18.2	27.4#
100	10.4	15.6	23.4#

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): E



#18

Benzo(a)anthracene

Concen: 18.292 ng/ul m

RT: 21.78 min Scan# 3657

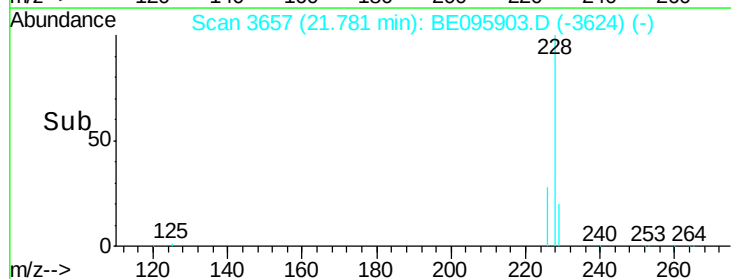
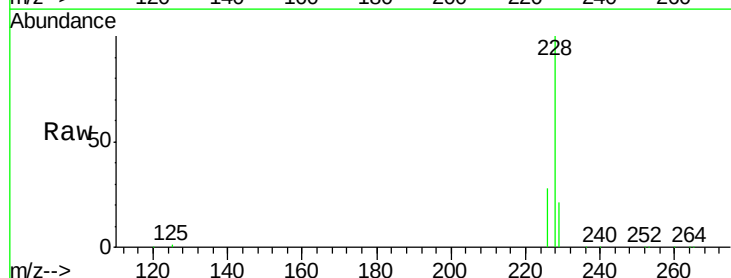
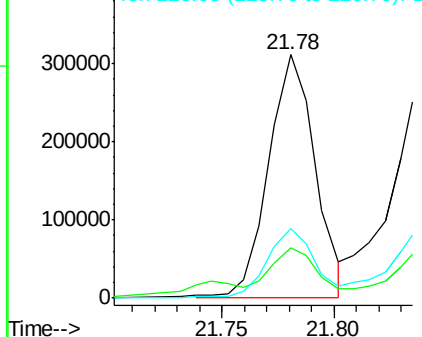
Delta R.T. 0.01 min

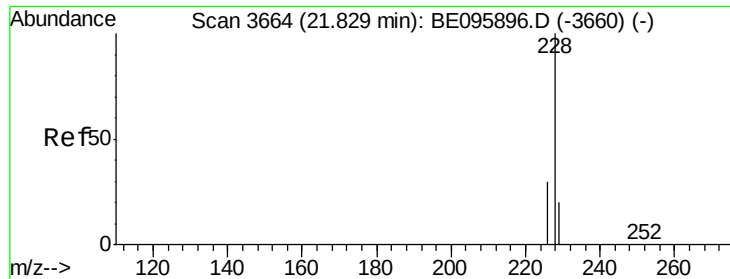
Lab File: BE095903.D

Acq: 29 Mar 2018 6:51

Tgt Ion:	228	Resp:	451921
Ion Ratio	Lower	Upper	
228	100		
229	20.5	22.8	34.2#
226	28.5	17.0	25.6#

Abundance Ion 228.00 (227.70 to 228.70): E
Ion 229.00 (228.70 to 229.70): E
Ion 226.00 (225.70 to 226.70): E





#19

Chrysene

Concen: 18.415 ng/ul m

RT: 21.84 min Scan# 3665

Delta R.T. 0.01 min

Lab File: BE095903.D

Acq: 29 Mar 2018 6:51

Instrument :

BNA_E

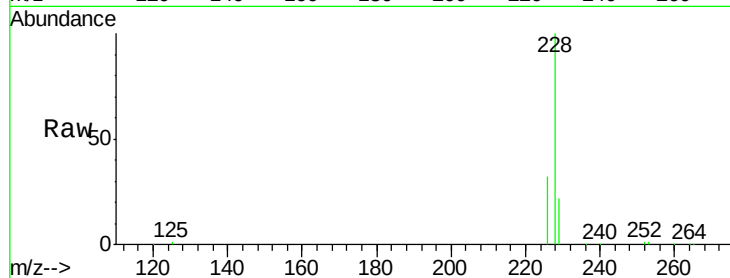
ClientSampleId :

C0AT2

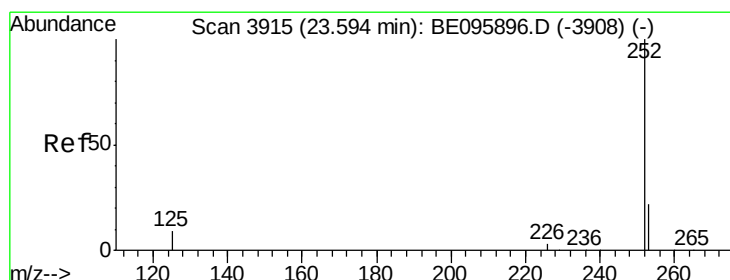
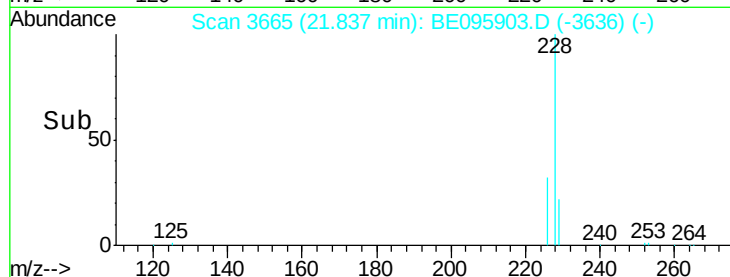
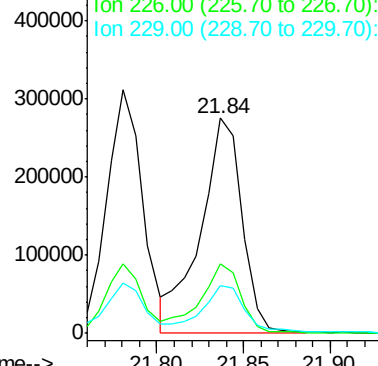
Tot Ion:	228	Resp:	463240
Ion Ratio	Lower	Upper	
228	100		
226	32.1	23.4	35.0
229	22.1	17.7	26.5

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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: 19.640 ng/ul m

RT: 23.62 min Scan# 3919

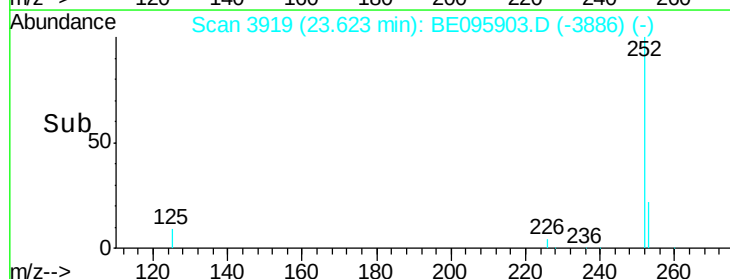
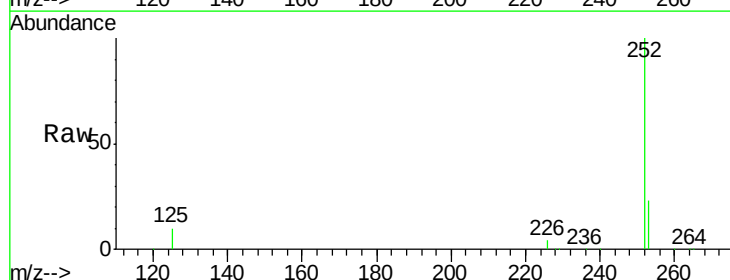
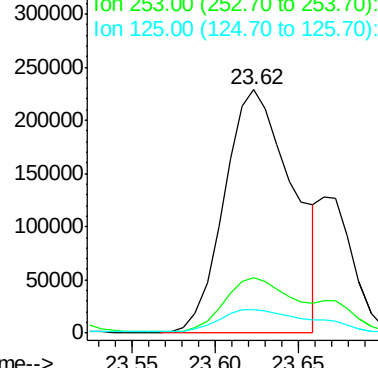
Delta R.T. 0.03 min

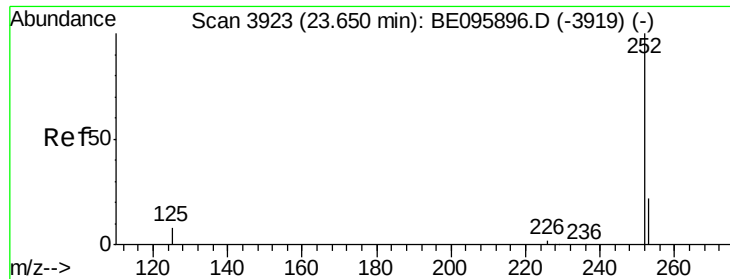
Lab File: BE095903.D

Acq: 29 Mar 2018 6:51

Tgt Ion:	252	Resp:	655828
Ion Ratio	Lower	Upper	
252	100		
253	22.6	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





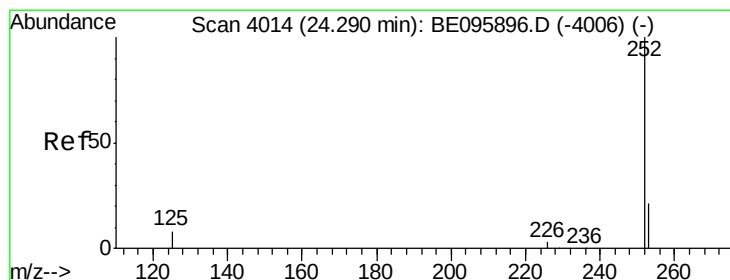
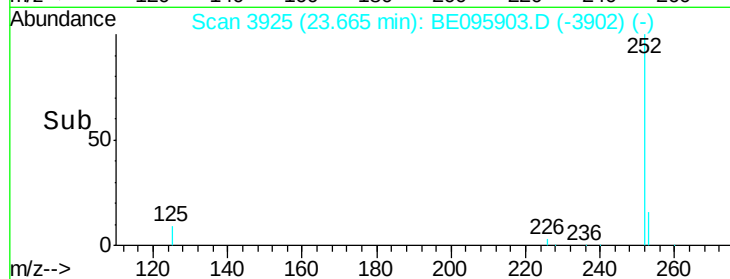
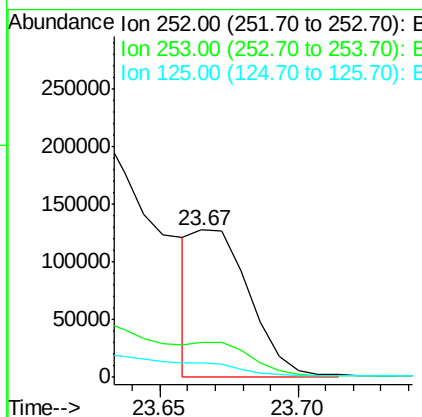
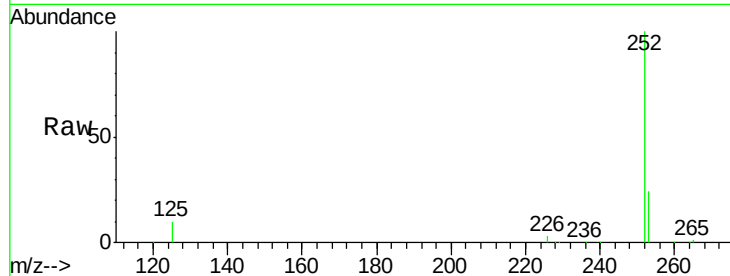
#22
Benzo(k)fluoranthene
Concen: 5.650 ng/ul m
RT: 23.67 min Scan# 3925
Delta R.T. 0.01 min
Lab File: BE095903.D
Acq: 29 Mar 2018 6:51

Instrument :
BNA_E
ClientSampleId :
C0AT2

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.7	24.5	36.7#
125	10.1	13.7	20.5#

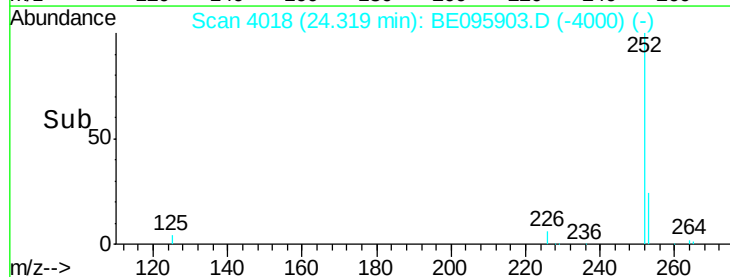
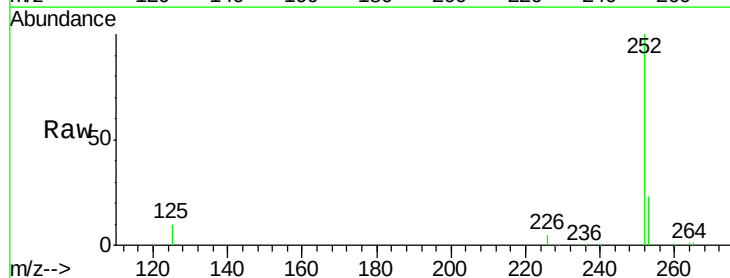
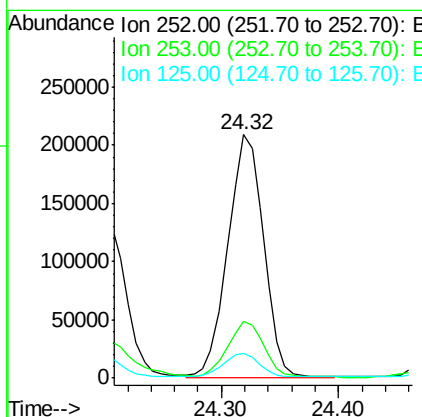
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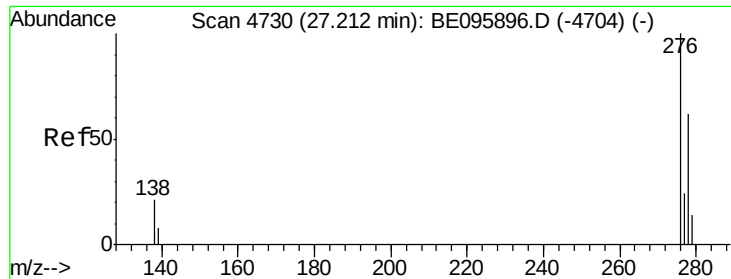
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#23
Benzo(a)pyrene
Concen: 14.587 ng/ul m
RT: 24.32 min Scan# 4018
Delta R.T. 0.03 min
Lab File: BE095903.D
Acq: 29 Mar 2018 6:51

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	28.5	42.7#
125	10.2	18.1	27.1#





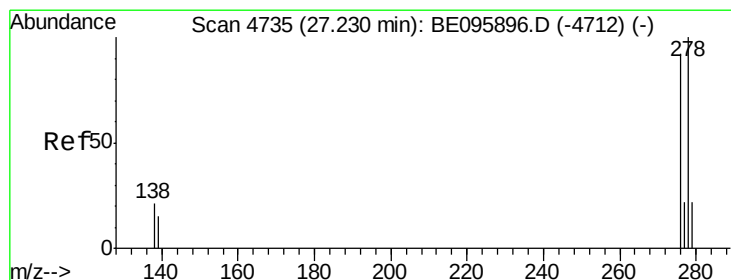
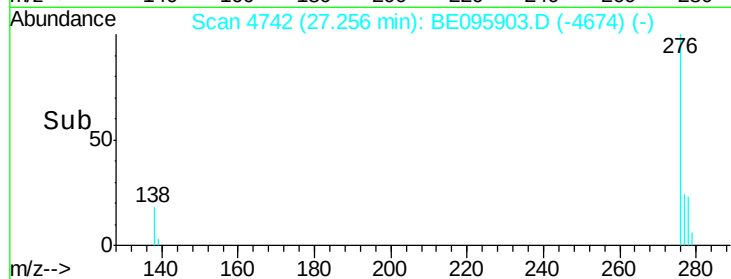
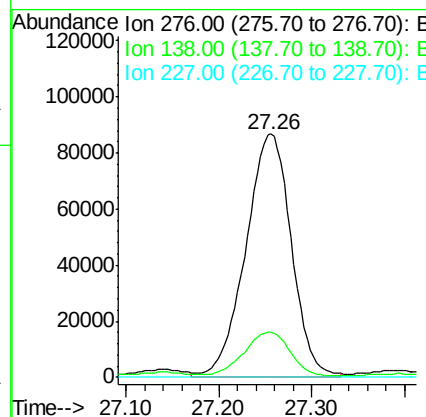
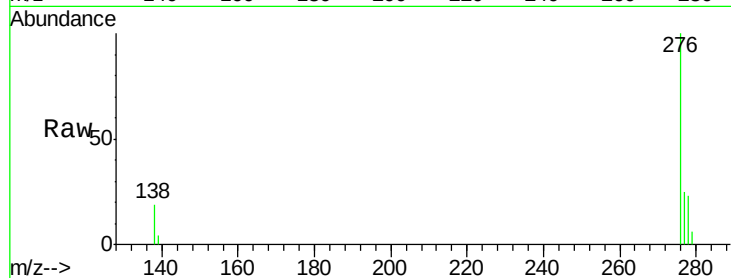
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 8.773 ng/ul m
 RT: 27.26 min Scan# 4742
 Delta R.T. 0.04 min
 Lab File: BE095903.D
 Acq: 29 Mar 2018 6:51

Instrument :
 BNA_E
 ClientSampleId :
 C0AT2

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

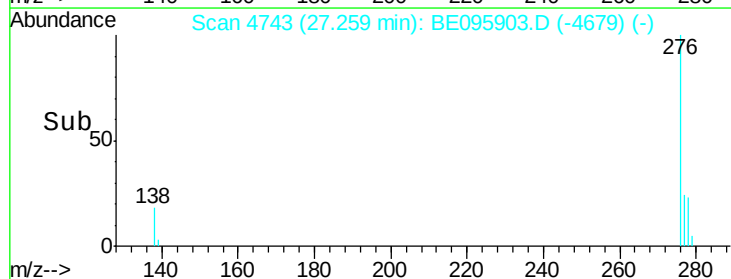
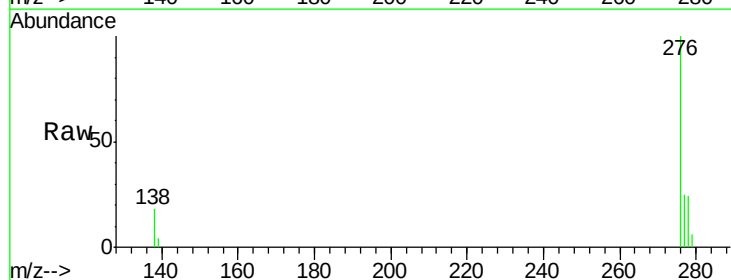
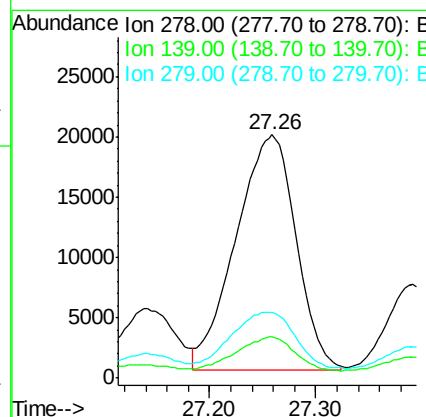
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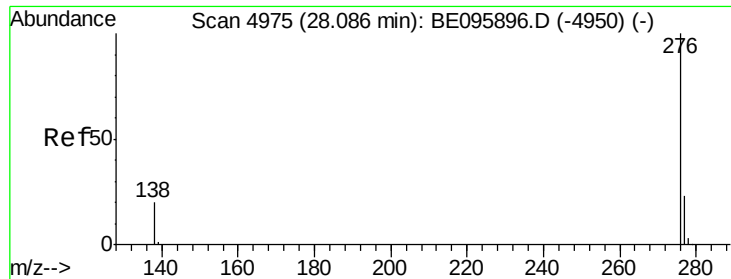
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#25
 Dibenzo(a,h)anthracene
 Concen: 2.863 ng/ul m
 RT: 27.26 min Scan# 4743
 Delta R.T. 0.03 min
 Lab File: BE095903.D
 Acq: 29 Mar 2018 6:51

Tgt Ion	Ratio	Resp Lower	Upper
278	100		
139	16.7	17.4	26.0#
279	27.2	25.9	38.9





#26
 Benzo(a,h,i)perylene
 Concen: 9.900 ng/ul m
 RT: 28.14 min Scan# 4990
 Delta R.T. 0.05 min
 Lab File: BE095903.D
 Acq: 29 Mar 2018 6:51

Instrument :
 BNA_E
 ClientSampleId :
 C0AT2

Tot Ion	Ratio	Lower	Upper
276	100		
138	19.0	21.8	32.8#
277	24.5	20.5	30.7

Manual Integrations
 APPROVED

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