

Data Path : Z:\HPCHEM1\BNA E\DATA\BE042018\
 Data File : BE096073.D
 Acq On : 21 Apr 2018 10:45
 Operator : SJ/JU
 Sample : J2434-09
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AC4

Manual Integrations
 APPROVED

Sohil
 4/23/2018 6:44:36 PM

Quant Time: Apr 23 04:13:31 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 23 01:07:45 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.38	152	2135	0.40	ng/ul	0.00
2) Naphthalene-d8	11.20	136	6018	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.97	164	3516	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.68	188	7792m	0.40	ng/ul	0.00
16) Chrysene-d12	21.77	240	7320m	0.40	ng/ul	0.00
20) Perylene-d12	24.38	264	7575m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.76	152	1909	0.17	ng/ul	0.00
14) Fluoranthene-d10	19.66	212	5017m	0.16	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	11.25	128	8085	0.481	ng/ul#	88
5) 2-Methylnaphthalene	12.83	142	6264	0.550	ng/ul	100
7) Acenaphthylene	14.70	152	4175	0.229	ng/ul	97
8) Acenaphthene	15.03	153	2121	0.162	ng/ul	90
9) Fluorene	15.99	166	2738	0.185	ng/ul	91
12) Phenanthrene	17.72	178	76611m	3.336	ng/ul	
13) Anthracene	17.81	178	15469m	0.677	ng/ul	
15) Fluoranthene	19.69	202	252593m	8.083	ng/ul	
17) Pyrene	20.04	202	270235	10.864	ng/ul#	77
18) Benzo(a)anthracene	21.75	228	205974m	6.965	ng/ul	
19) Chrysene	21.81	228	166100	7.804	ng/ul	98
21) Benzo(b)fluoranthene	23.58	252	255244m	10.413	ng/ul	
22) Benzo(k)fluoranthene	23.62	252	91443m	3.745	ng/ul	
23) Benzo(a)pyrene	24.27	252	185200m	7.830	ng/ul	
24) Indeno(1,2,3-cd)pyrene	27.18	276	130392	4.960	ng/ul#	74
25) Dibenzo(a,h)anthracene	27.18	278	35150m	1.661	ng/ul	
26) Benzo(a,h,i)perylene	28.05	276	129825	5.913	ng/ul#	92

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

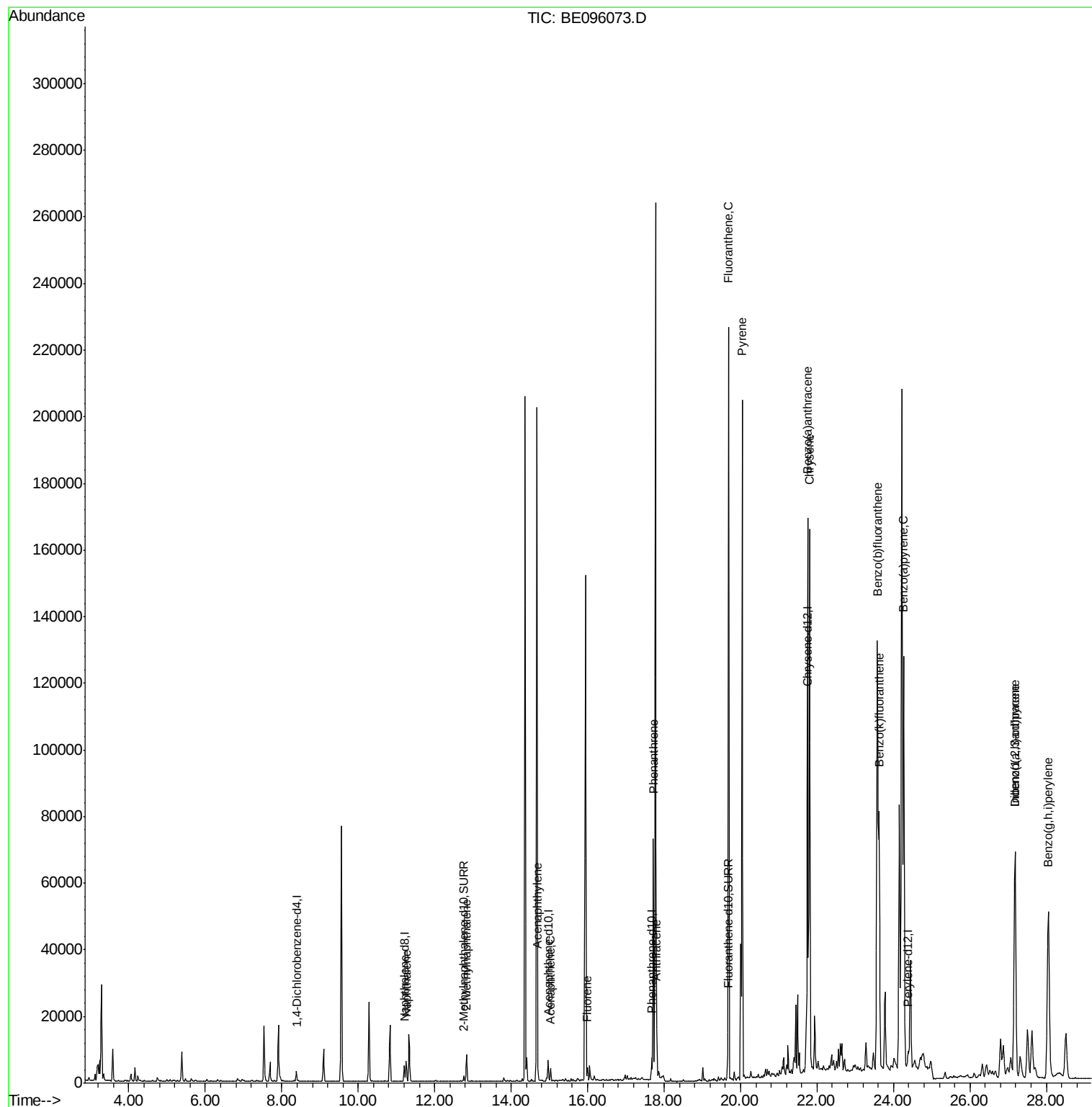
Data Path : Z:\HPCHEM1\BNA E\DATA\BE042018\
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ALS Vial : 30 Sample Multiplier: 1

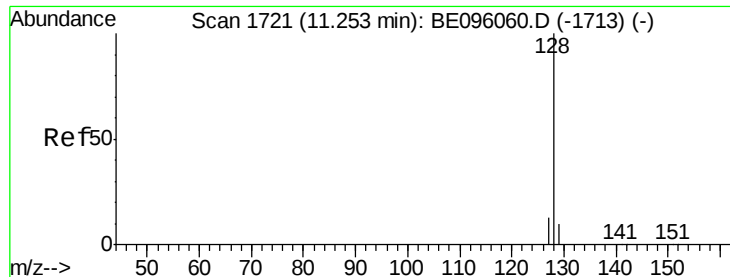
Instrument :
BNA_E
ClientSampled :
C0AC4

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Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE040618.M
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#3

Naphthalene

Concen: 0.481 ng/ul

RT: 11.25 min Scan# 1722

Delta R.T. -0.00 min

Lab File: BE096073.D

Acq: 21 Apr 2018 10:45

Instrument :

BNA_E

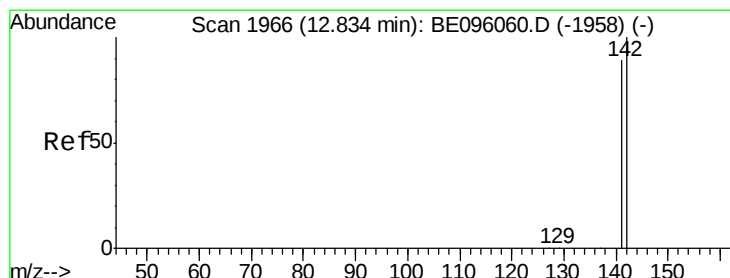
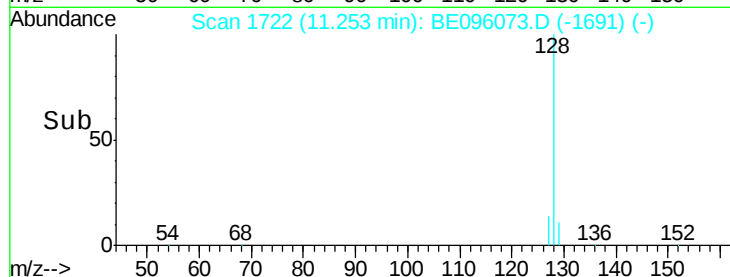
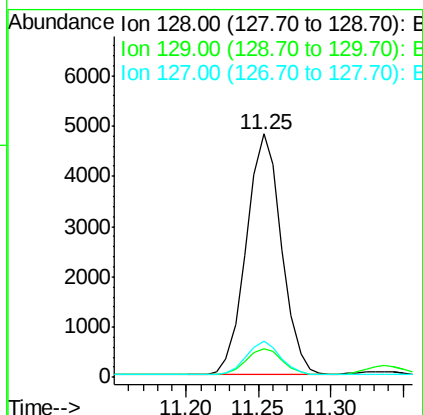
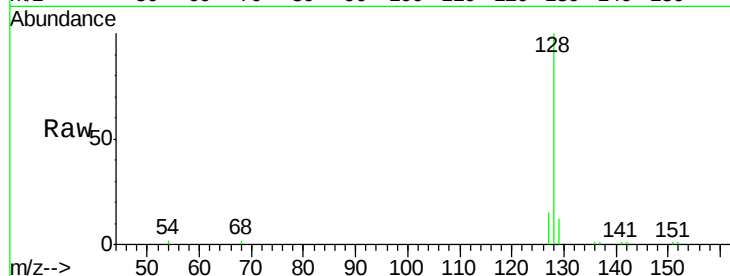
ClientSampled :

C0AC4

Tot Ion:	128	Resp:	8085
Ion Ratio	Lower	Upper	
128	100		
129	11.7	11.3	16.9
127	14.7	4.0	6.0#

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#5

2-Methylnaphthalene

Concen: 0.550 ng/ul

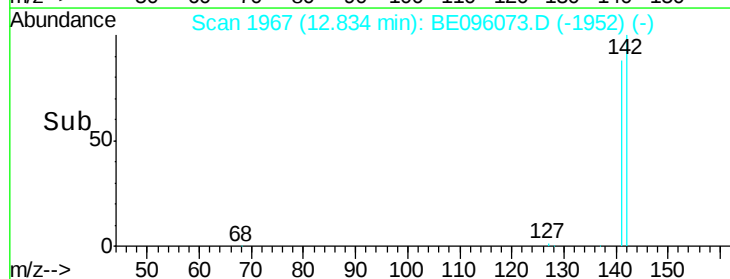
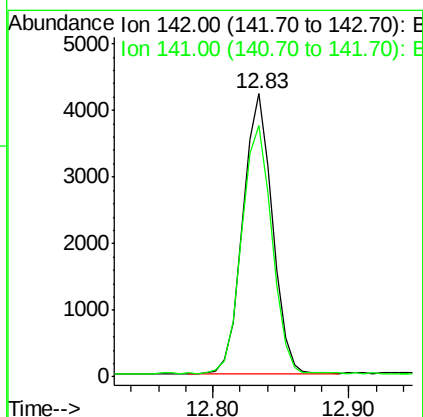
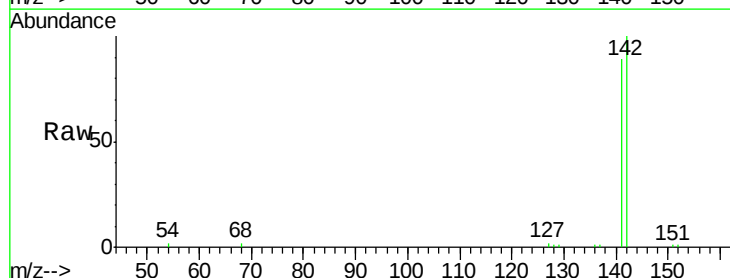
RT: 12.83 min Scan# 1967

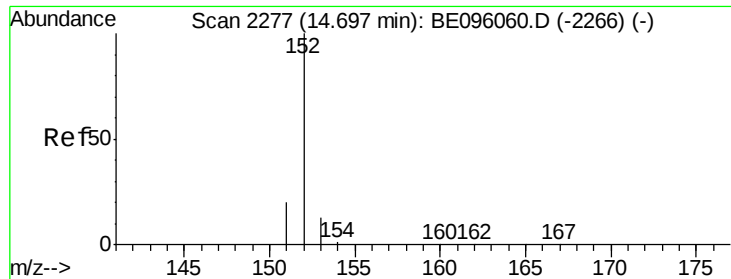
Delta R.T. -0.00 min

Lab File: BE096073.D

Acq: 21 Apr 2018 10:45

Tgt Ion:	142	Resp:	6264
Ion Ratio	Lower	Upper	
142	100		
141	90.7	72.6	108.8





#7

Acenaphthylene

Concen: 0.229 ng/ul

RT: 14.70 min Scan# 2277

Delta R.T. -0.00 min

Lab File: BE096073.D

Acq: 21 Apr 2018 10:45

Instrument :

BNA_E

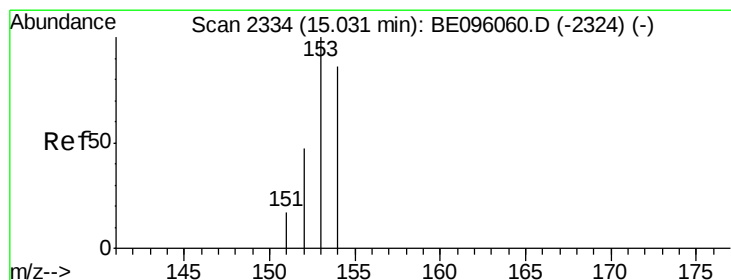
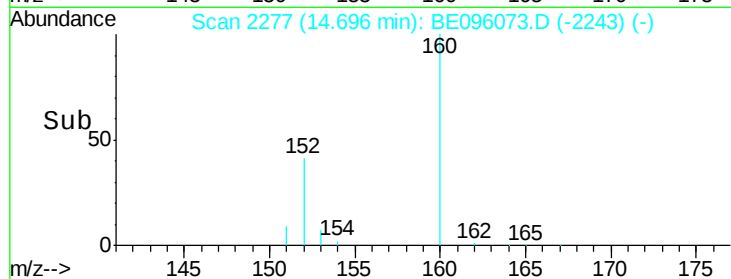
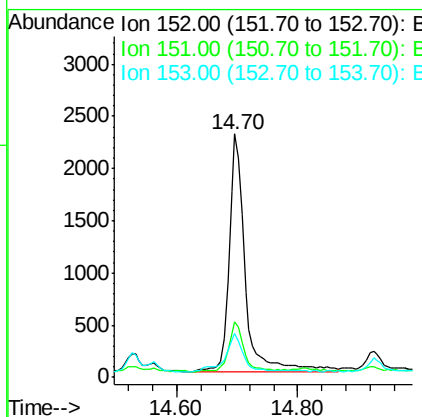
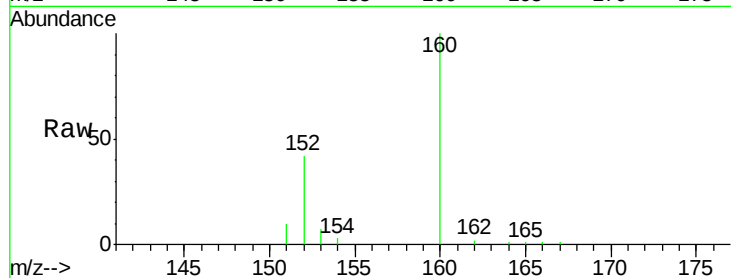
ClientSampleId :

C0AC4

Tot Ion:	152	Resp:	4175
Ion Ratio	Lower	Upper	
152	100		
151	22.7	17.1	25.7
153	17.8	12.8	19.2

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#8

Acenaphthene

Concen: 0.162 ng/ul

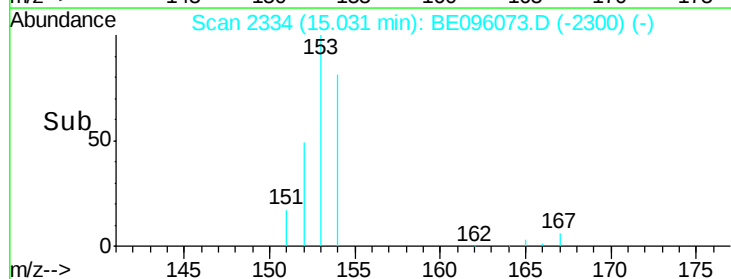
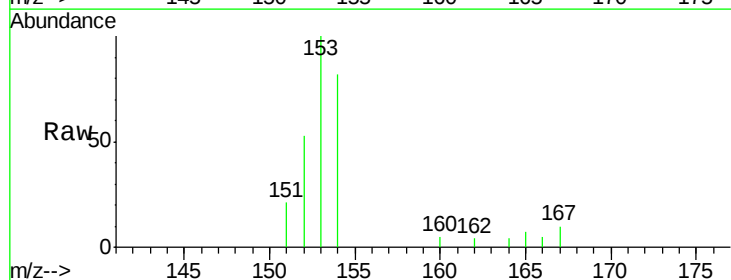
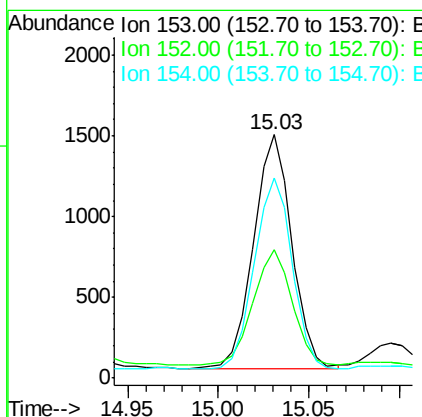
RT: 15.03 min Scan# 2334

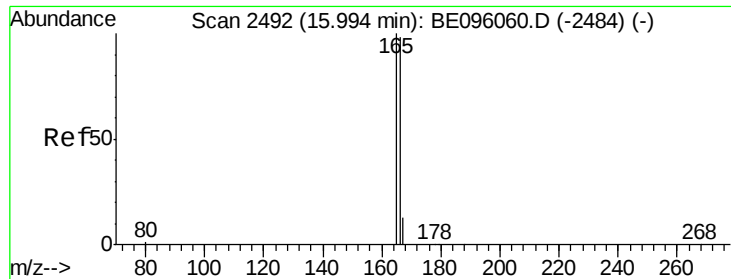
Delta R.T. -0.00 min

Lab File: BE096073.D

Acq: 21 Apr 2018 10:45

Tgt Ion:	153	Resp:	2121
Ion Ratio	Lower	Upper	
153	100		
152	52.6	36.0	54.0
154	82.0	72.0	108.0





#9

Fluorene

Concen: 0.185 ng/ul

RT: 15.99 min Scan# 2492

Delta R.T. 0.00 min

Lab File: BE096073.D

Acq: 21 Apr 2018 10:45

Instrument :

BNA_E

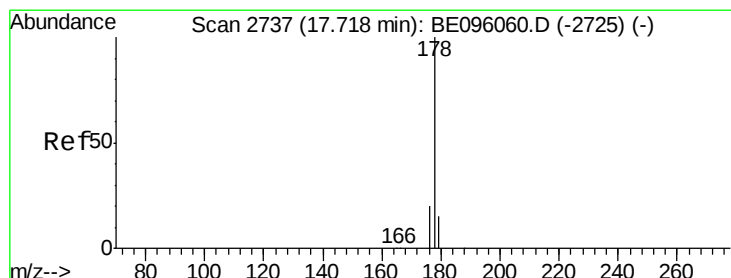
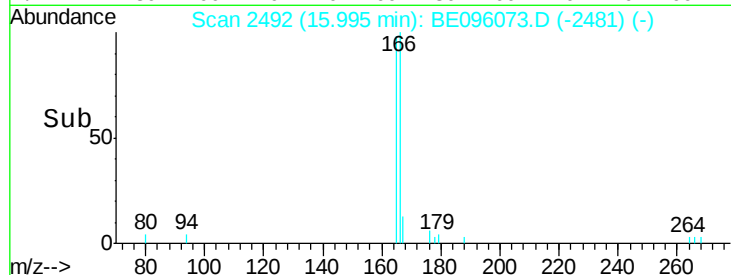
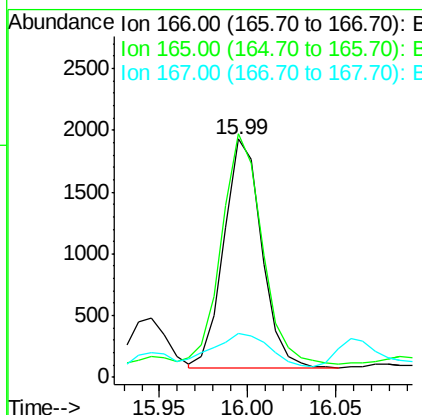
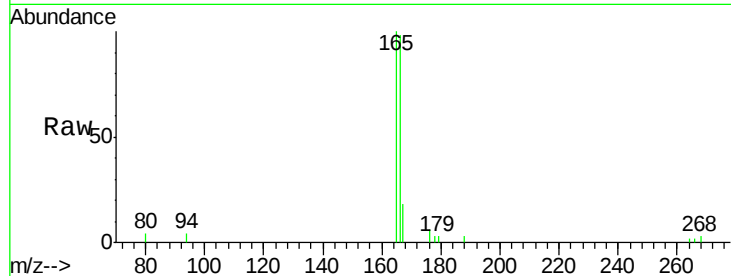
ClientSampleId :

C0AC4

Tot Ion	Ratio	Lower	Upper
166	100		
165	102.2	73.4	110.2
167	18.2	14.6	22.0

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#12

Phenanthrene

Concen: 3.336 ng/ul m

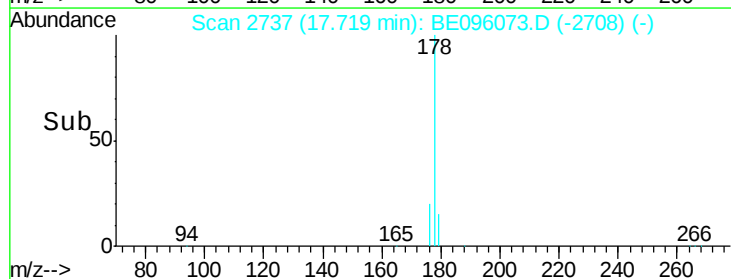
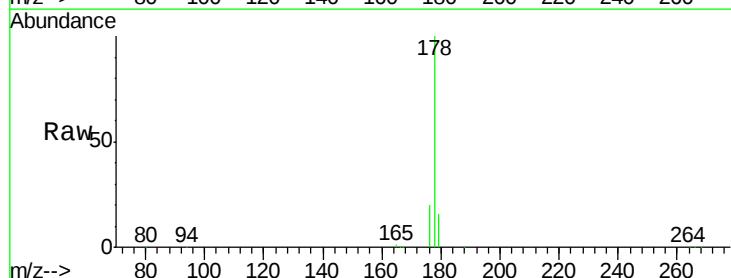
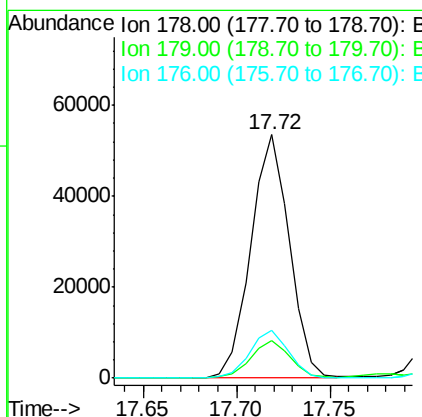
RT: 17.72 min Scan# 2737

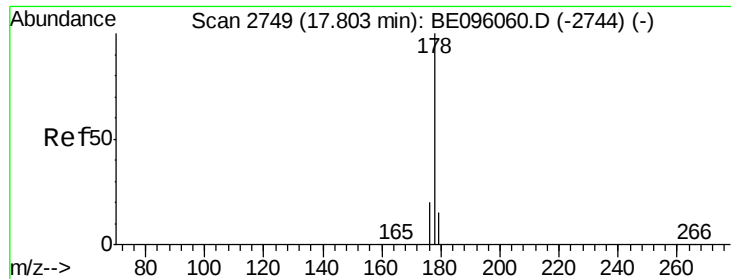
Delta R.T. 0.00 min

Lab File: BE096073.D

Acq: 21 Apr 2018 10:45

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.5	18.4	27.6#
176	19.9	13.6	20.4





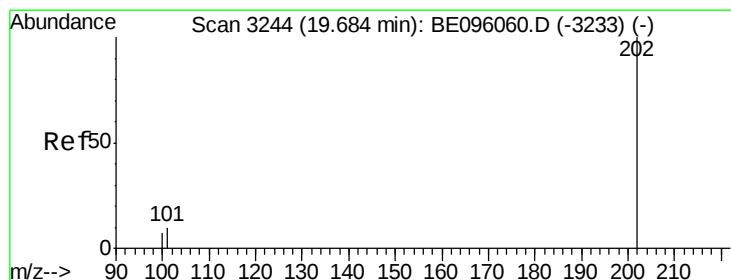
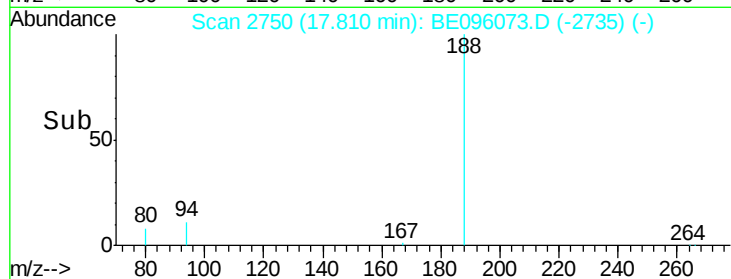
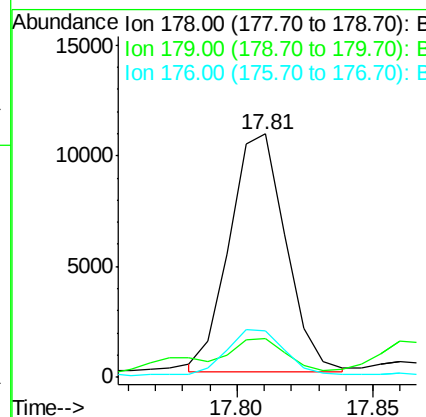
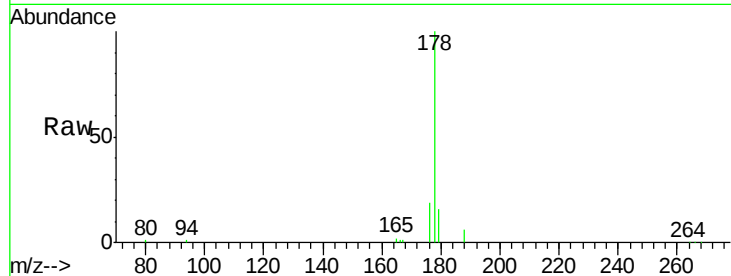
#13
 Anthracene
 Concen: 0.677 ng/ul m
 RT: 17.81 min Scan# 2750
 Delta R.T. 0.01 min
 Lab File: BE096073.D
 Acq: 21 Apr 2018 10:45

Instrument :
 BNA_E
 ClientSampleId :
 C0AC4

Tot Ion	Ratio	Lower	Upper
178	100		
179	16.1	18.1	27.1#
176	19.1	14.7	22.1

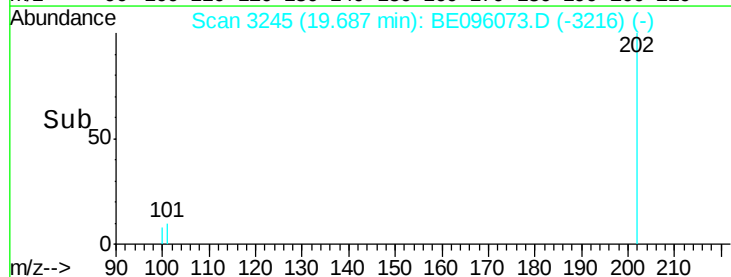
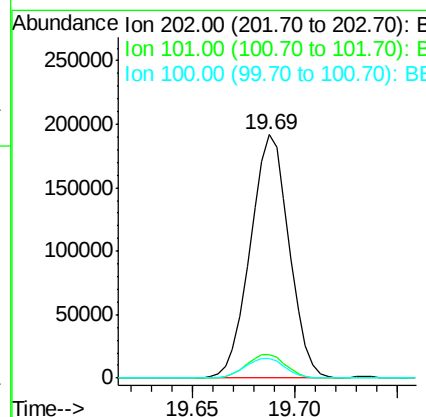
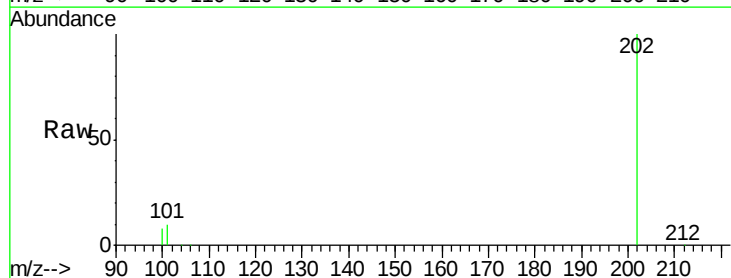
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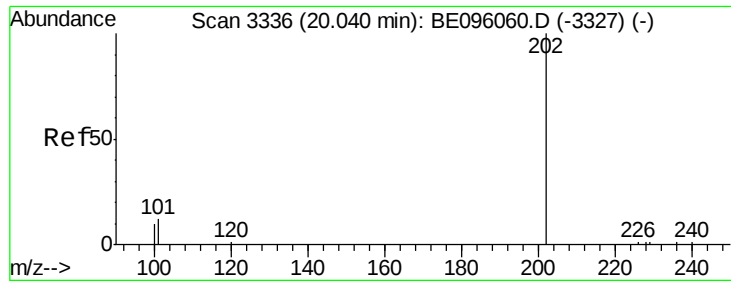
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#15
 Fluoranthene
 Concen: 8.083 ng/ul m
 RT: 19.69 min Scan# 3245
 Delta R.T. 0.00 min
 Lab File: BE096073.D
 Acq: 21 Apr 2018 10:45

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.9	0.0	30.3
100	8.2	0.0	39.5





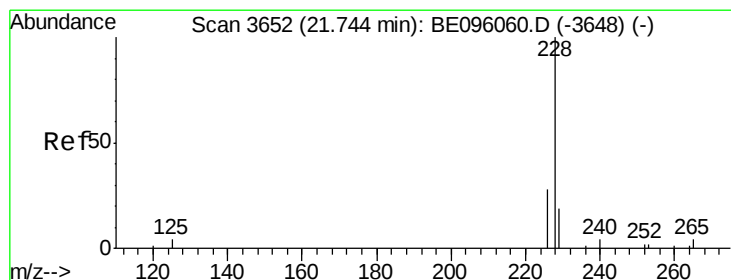
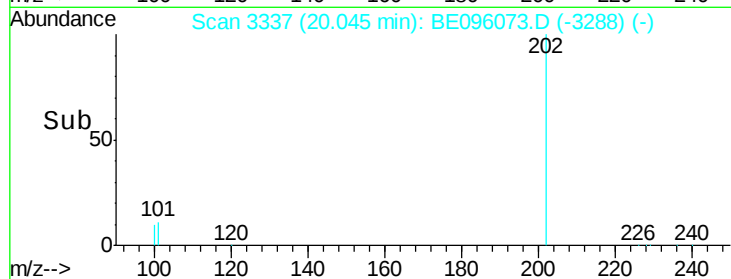
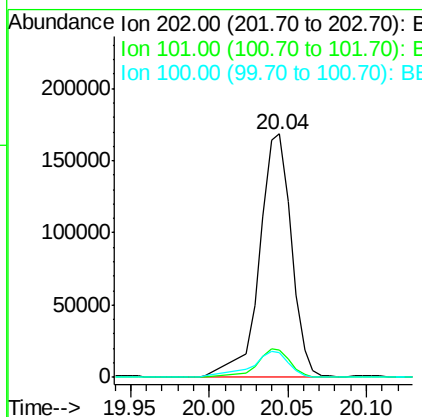
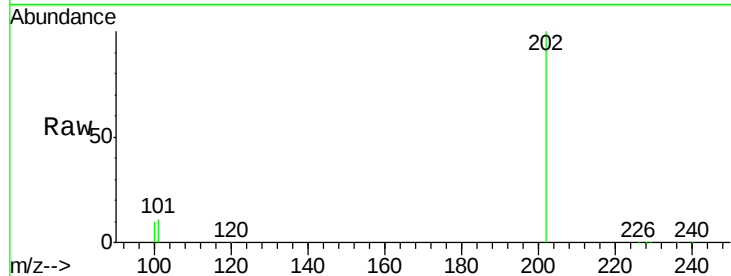
#17
Pvrene
Concen: 10.864 ng/ul
RT: 20.04 min Scan# 3337
Delta R.T. 0.00 min
Lab File: BE096073.D
Acq: 21 Apr 2018 10:45

Instrument :
BNA_E
ClientSampleId :
C0AC4

Tot Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	11.2	18.2	27.4#
100	9.9	15.6	23.4#

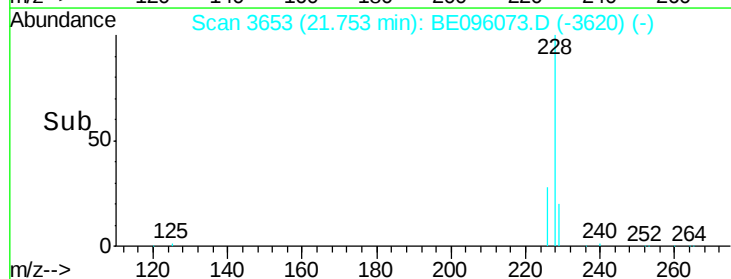
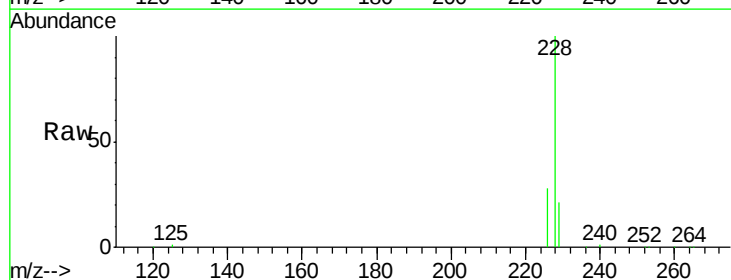
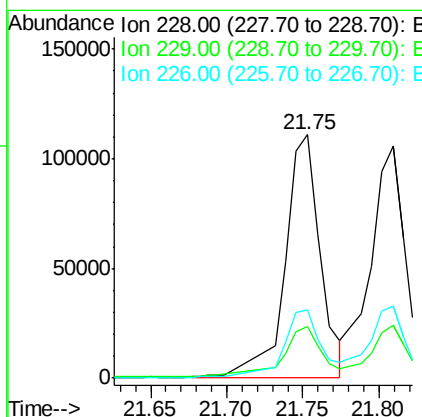
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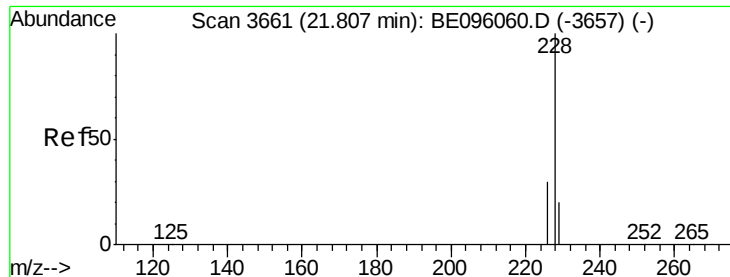
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#18
Benzo(a)anthracene
Concen: 6.965 ng/ul m
RT: 21.75 min Scan# 3653
Delta R.T. 0.01 min
Lab File: BE096073.D
Acq: 21 Apr 2018 10:45

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	21.1	22.8	34.2#
226	27.9	17.0	25.6#





#19

Chrysene

Concen: 7.804 ng/ul

RT: 21.81 min Scan# 3661

Delta R.T. 0.00 min

Lab File: BE096073.D

Acq: 21 Apr 2018 10:45

Instrument :

BNA_E

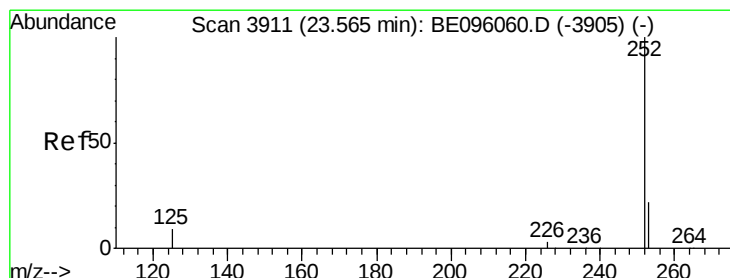
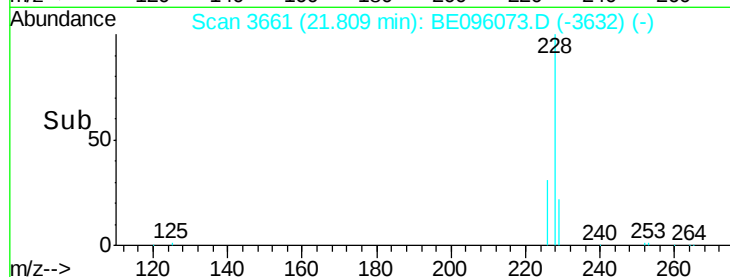
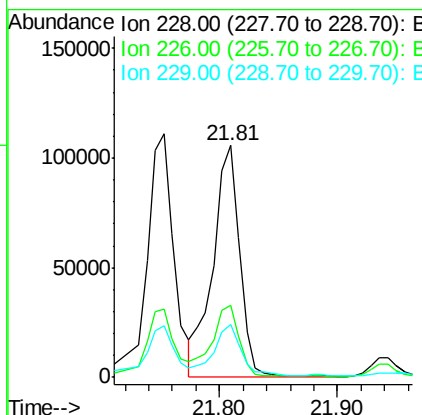
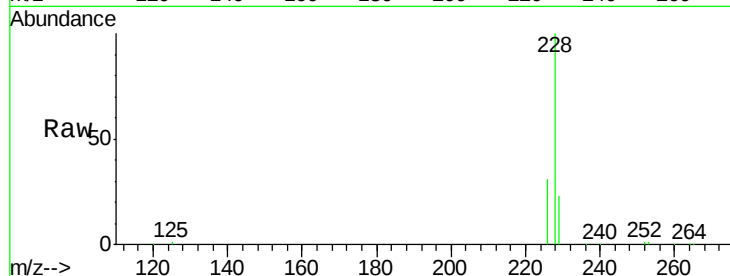
ClientSampled :

C0AC4

Tot Ion:	228	Resp:	166100
Ion Ratio	Lower	Upper	
228	100		
226	30.9	23.4	35.0
229	22.8	17.7	26.5

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#21

Benzo(b)fluoranthene

Concen: 10.413 ng/ul m

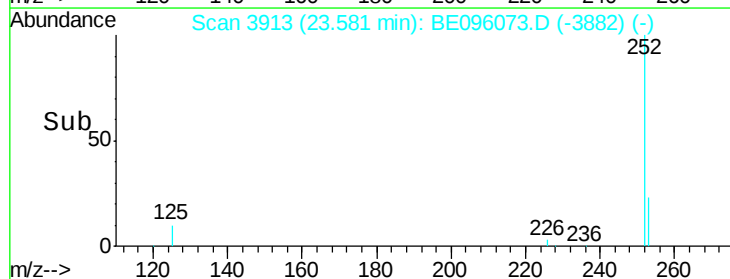
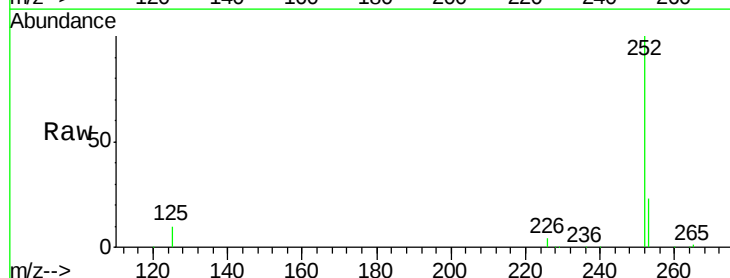
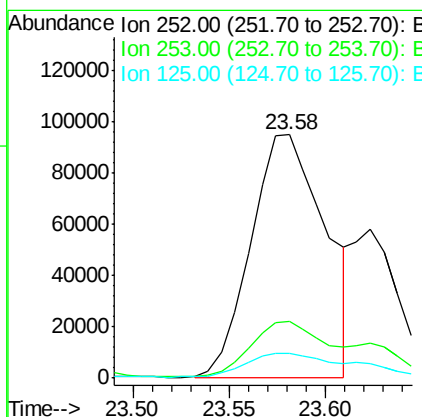
RT: 23.58 min Scan# 3913

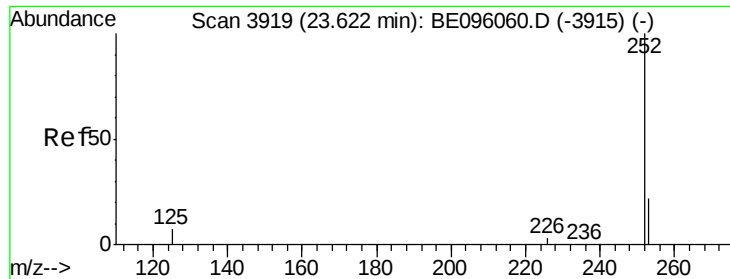
Delta R.T. 0.02 min

Lab File: BE096073.D

Acq: 21 Apr 2018 10:45

Tgt Ion:	252	Resp:	255244
Ion Ratio	Lower	Upper	
252	100		
253	23.1	0.0	64.2
125	10.2	0.0	35.0





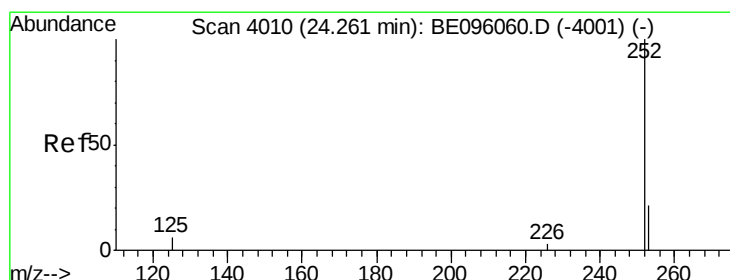
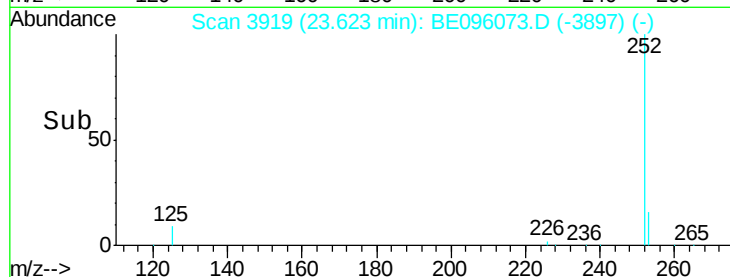
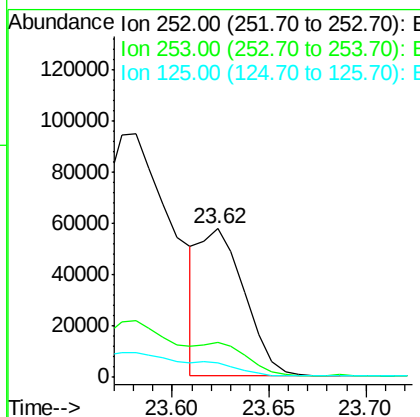
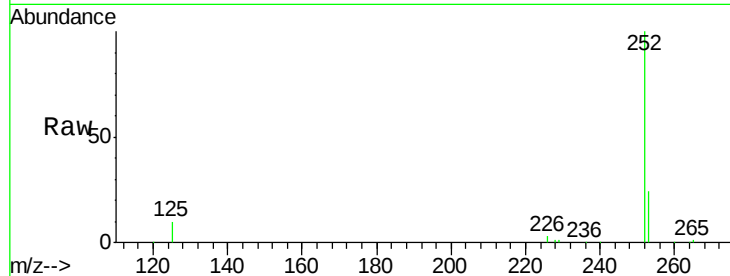
#22
Benzo(k)fluoranthene
Concen: 3.745 ng/ul m
RT: 23.62 min Scan# 3919
Delta R.T. 0.00 min
Lab File: BE096073.D
Acq: 21 Apr 2018 10:45

Instrument :
BNA_E
ClientSampleId :
C0AC4

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.6	24.5	36.7#
125	9.8	13.7	20.5#

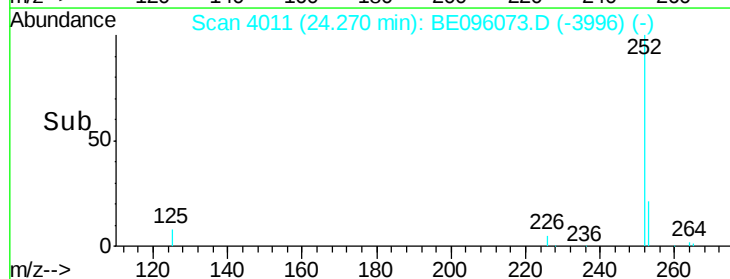
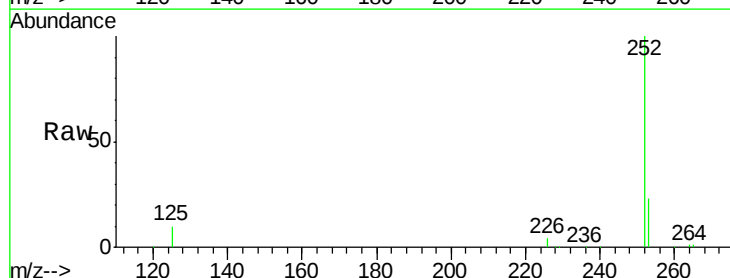
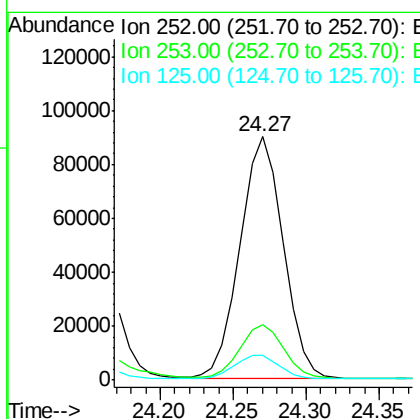
Manual Integrations
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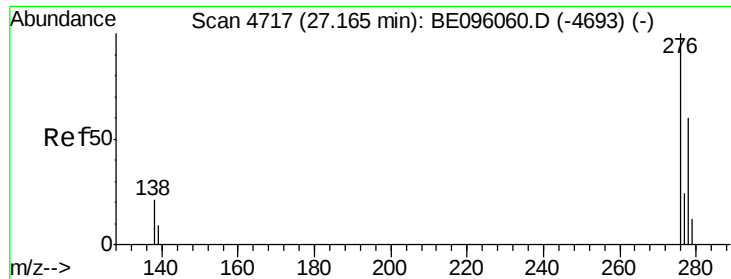
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#23
Benzo(a)pyrene
Concen: 7.830 ng/ul m
RT: 24.27 min Scan# 4011
Delta R.T. 0.01 min
Lab File: BE096073.D
Acq: 21 Apr 2018 10:45

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	28.5	42.7#
125	10.0	18.1	27.1#





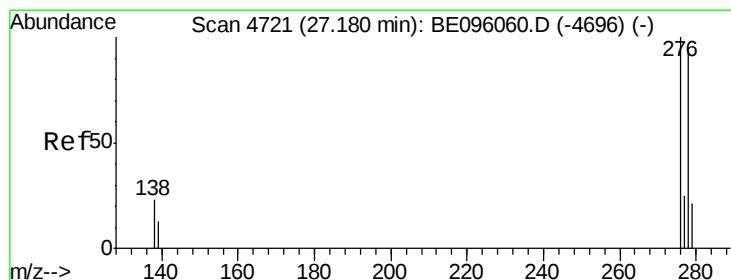
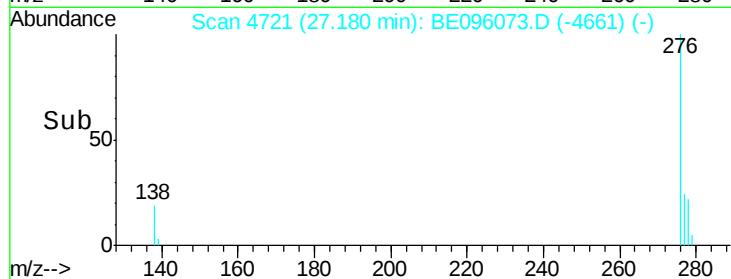
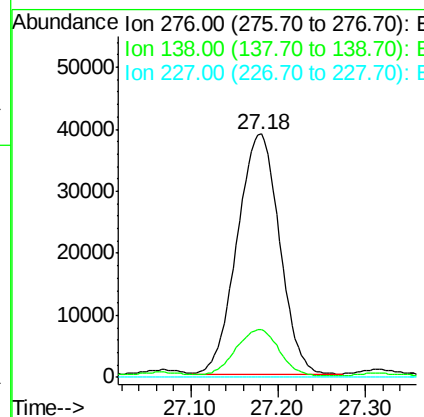
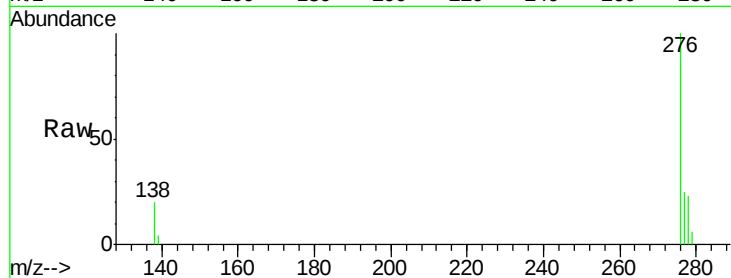
#24
Indeno(1,2,3-cd)pyrene
Concen: 4.960 ng/ul
RT: 27.18 min Scan# 4721
Delta R.T. 0.01 min
Lab File: BE096073.D
Acq: 21 Apr 2018 10:45

Instrument :
BNA_E
ClientSampled :
C0AC4

Tot Ion	Ratio	Resp	Lower	Upper
276	100	130392		
138	19.7	28.0	42.0#	
227	0.0	8.0	12.0#	

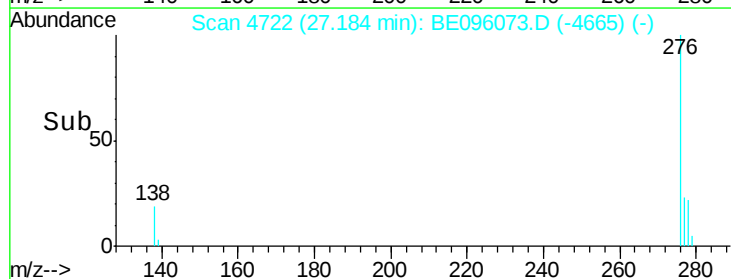
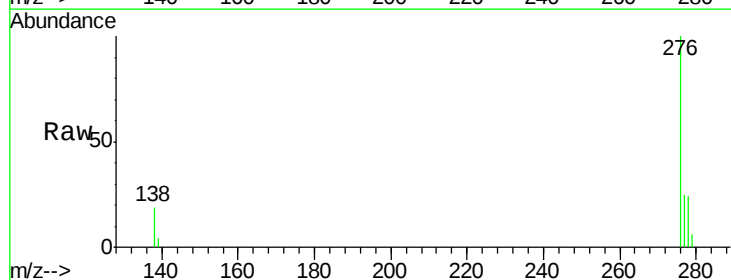
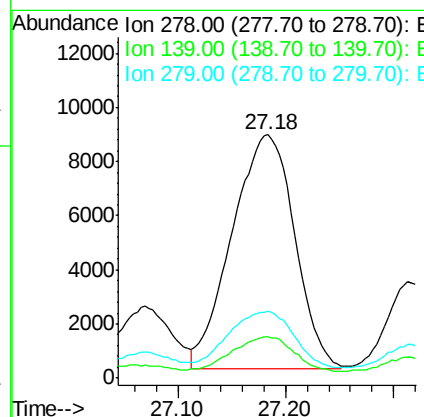
Manual Integrations
APPROVED

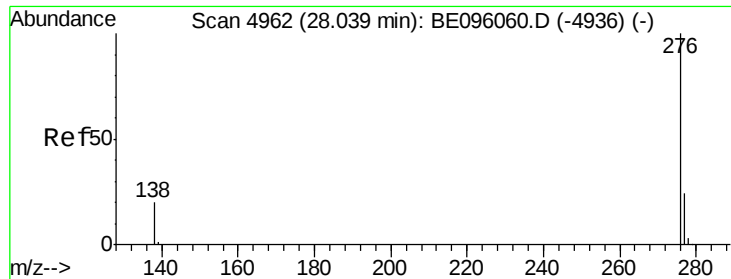
Sohil
4/23/2018 6:44:36 PM



#25
Dibenzo(a,h)anthracene
Concen: 1.661 ng/ul m
RT: 27.18 min Scan# 4722
Delta R.T. 0.00 min
Lab File: BE096073.D
Acq: 21 Apr 2018 10:45

Tgt Ion	Ratio	Resp	Lower	Upper
278	100	35150		
139	17.0	17.4	26.0#	
279	27.5	25.9	38.9	





#26
 Benzo(a,h,i)perylene
 Concen: 5.913 ng/ul
 RT: 28.05 min Scan# 4965
 Delta R.T. 0.01 min
 Lab File: BE096073.D
 Acq: 21 Apr 2018 10:45

Instrument :
 BNA_E
 ClientSampleId :
 C0AC4

Tot Ion	Ratio	Lower	Upper
276	100		
138	20.0	21.8	32.8#
277	24.3	20.5	30.7

Manual Integrations
 APPROVED

Sohil
 4/23/2018 6:44:36 PM

