

Data Path : Z:\HPCHEM1\BNA E\DATA\BE042018\
 Data File : BE096070.D
 Acq On : 21 Apr 2018 8:57
 Operator : SJ/JU
 Sample : J2434-05
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AC0

Manual Integrations
 APPROVED

Sohil
 4/23/2018 6:44:31 PM

Quant Time: Apr 23 03:51:44 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	2113	0.40	ng/ul	0.00
2) Naphthalene-d8	11.21	136	6085	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.97	164	3613	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.68	188	7746m	0.40	ng/ul	0.00
16) Chrysene-d12	21.77	240	7269m	0.40	ng/ul	0.00
20) Perylene-d12	24.38	264	8009	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.76	152	2521	0.22	ng/ul	0.00
14) Fluoranthene-d10	19.66	212	6420m	0.20	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	11.25	128	572	0.034	ng/ul#	69
5) 2-Methylnaphthalene	12.83	142	464	0.040	ng/ul	98
7) Acenaphthylene	14.70	152	662	0.035	ng/ul#	80
8) Acenaphthene	15.03	153	461	0.034	ng/ul#	88
9) Fluorene	15.99	166	517	0.034	ng/ul#	83
12) Phenanthrene	17.72	178	14341m	0.628	ng/ul	
13) Anthracene	17.80	178	2746m	0.121	ng/ul	
15) Fluoranthene	19.69	202	44985m	1.448	ng/ul	
17) Pyrene	20.04	202	37361	1.513	ng/ul#	79
18) Benzo(a)anthracene	21.74	228	23982m	0.817	ng/ul	
19) Chrysene	21.81	228	19782	0.936	ng/ul	96
21) Benzo(b)fluoranthene	23.57	252	27539m	1.063	ng/ul	
22) Benzo(k)fluoranthene	23.62	252	9378m	0.363	ng/ul	
23) Benzo(a)pyrene	24.27	252	19938	0.797	ng/ul#	84
24) Indeno(1,2,3-cd)pyrene	27.17	276	13214	0.475	ng/ul#	73
25) Dibenzo(a,h)anthracene	27.17	278	3330	0.149	ng/ul#	71
26) Benzo(a,h,i)perylene	28.05	276	14414	0.621	ng/ul	93

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

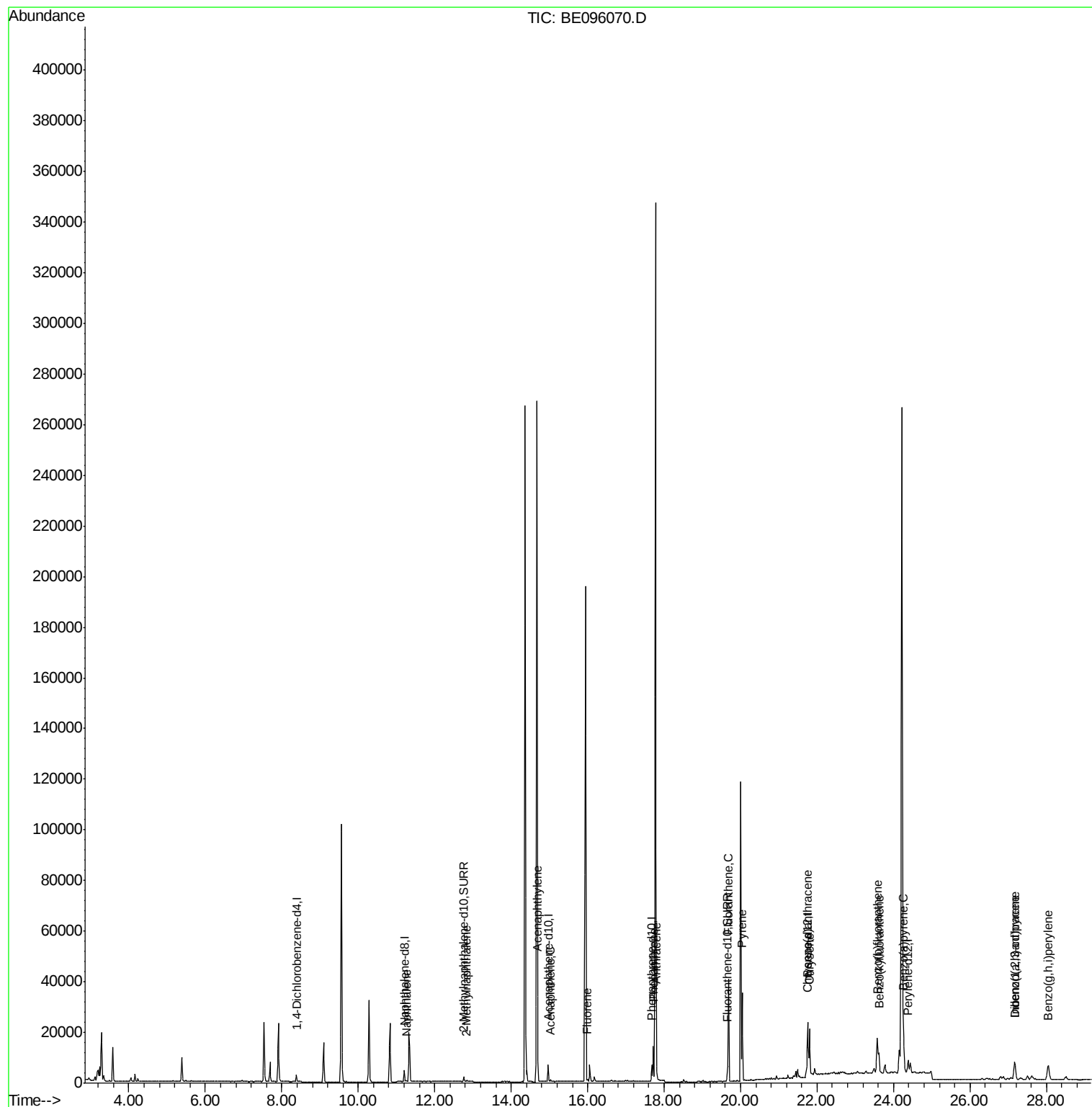
Data Path : Z:\HPCHEM1\BNA E\DATA\BE042018\
Data File : BE096070.D
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Operator : SJ/JU
Sample : J2434-05
Misc :
ALS Vial : 27 Sample Multiplier: 1

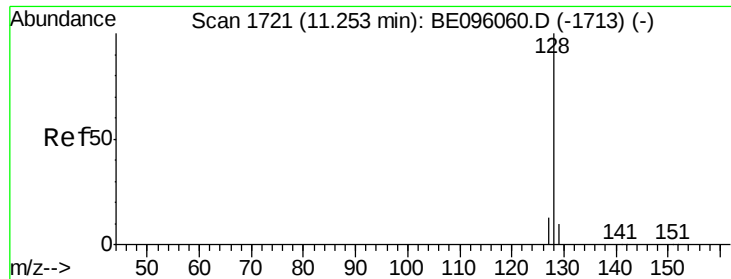
Instrument :
BNA_E
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Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE040618.M
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#3

Naphthalene

Concen: 0.034 ng/ul

RT: 11.25 min Scan# 1722

Delta R.T. 0.00 min

Lab File: BE096070.D

Acq: 21 Apr 2018 8:57

Instrument :

BNA_E

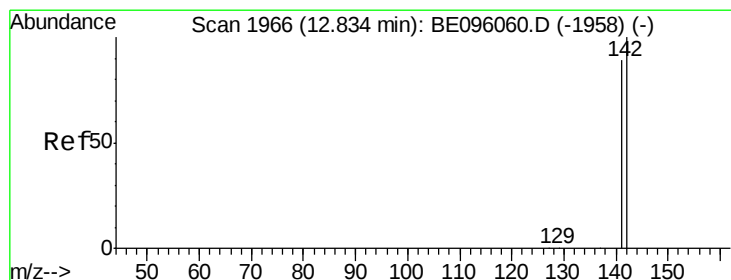
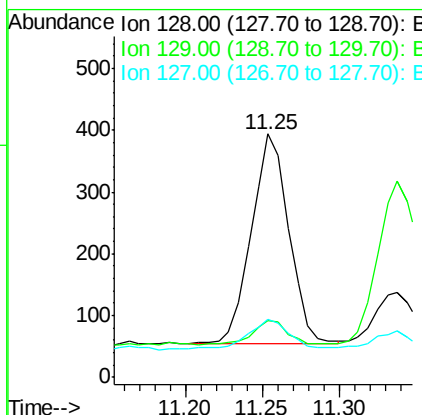
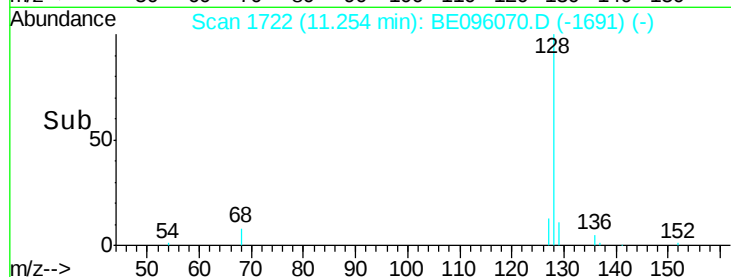
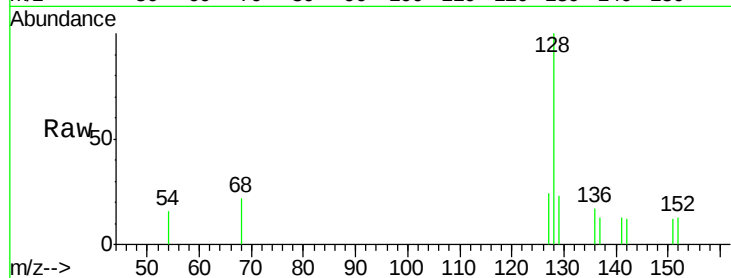
ClientSampled :

C0AC0

Tot Ion:	128	Resp:	572
Ion Ratio	Lower	Upper	
128	100		
129	23.4	11.3	16.9#
127	23.6	4.0	6.0#

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#5

2-Methylnaphthalene

Concen: 0.040 ng/ul

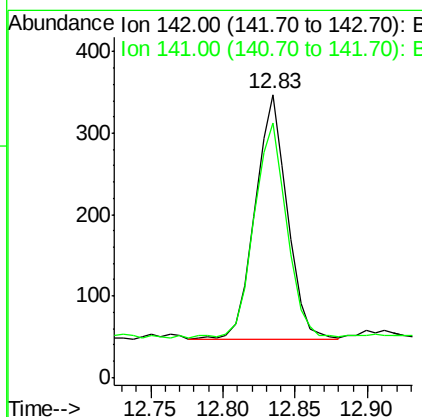
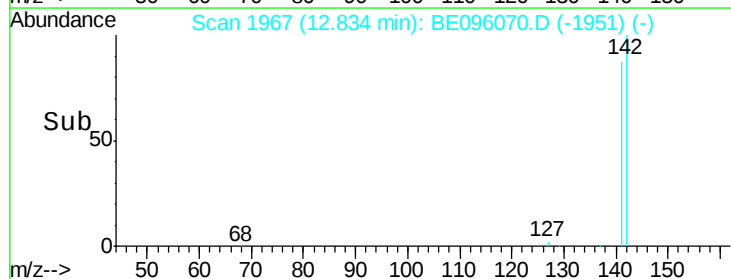
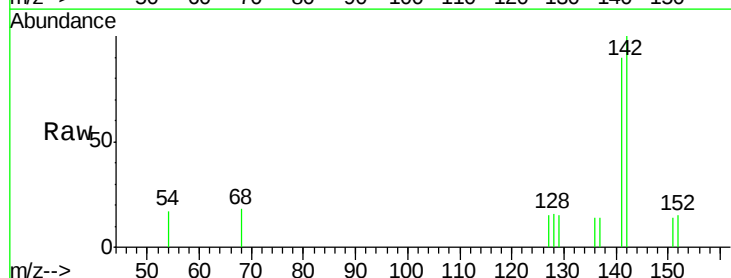
RT: 12.83 min Scan# 1967

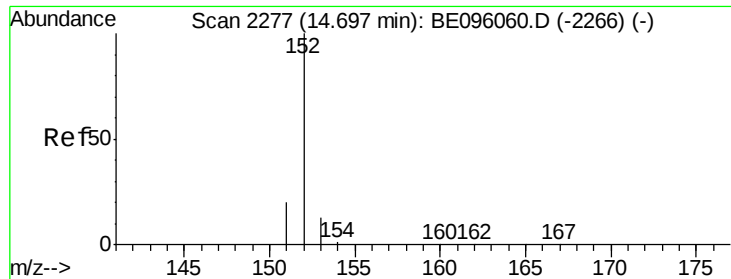
Delta R.T. 0.00 min

Lab File: BE096070.D

Acq: 21 Apr 2018 8:57

Tgt Ion:	142	Resp:	464
Ion Ratio	Lower	Upper	
142	100		
141	89.2	72.6	108.8





#7

Acenaphthylene

Concen: 0.035 ng/ul

RT: 14.70 min Scan# 2277

Delta R.T. -0.00 min

Lab File: BE096070.D

Acq: 21 Apr 2018 8:57

Instrument :

BNA_E

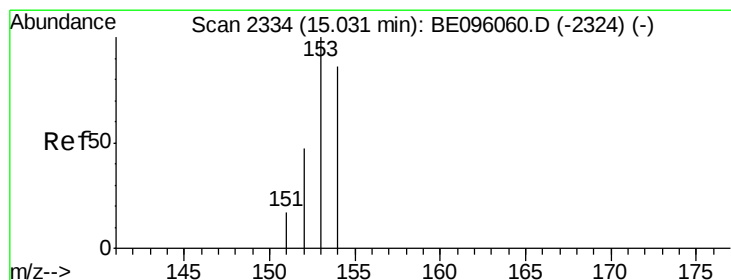
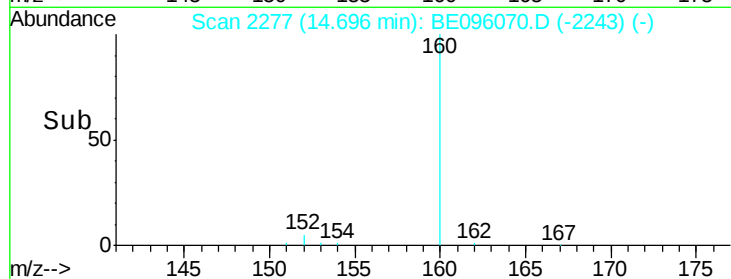
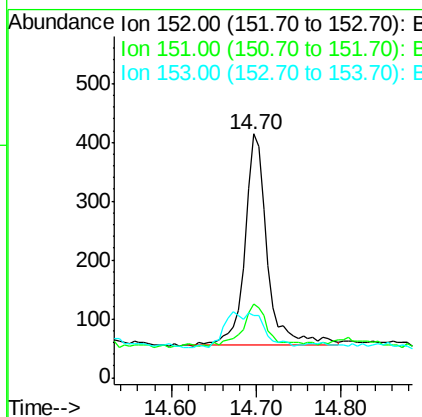
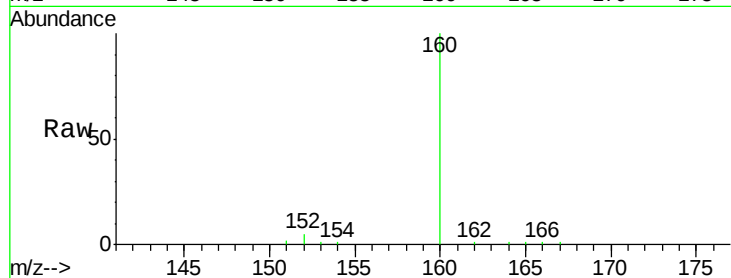
ClientSampled :

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Tot Ion:	152	Resp:	662
Ion Ratio	Lower	Upper	
152	100		
151	30.2	17.1	25.7#
153	25.4	12.8	19.2#

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#8

Acenaphthene

Concen: 0.034 ng/ul

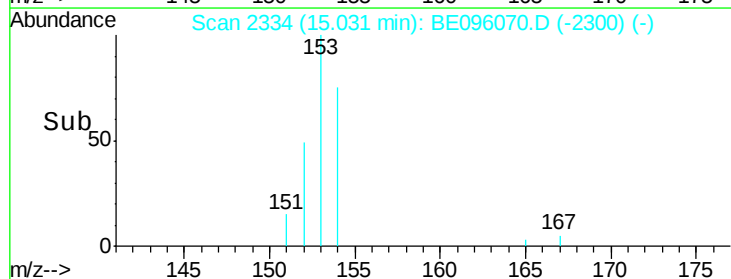
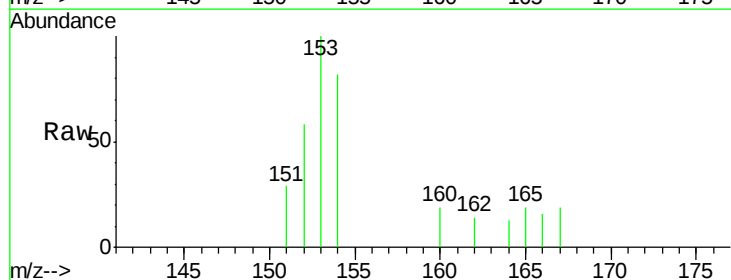
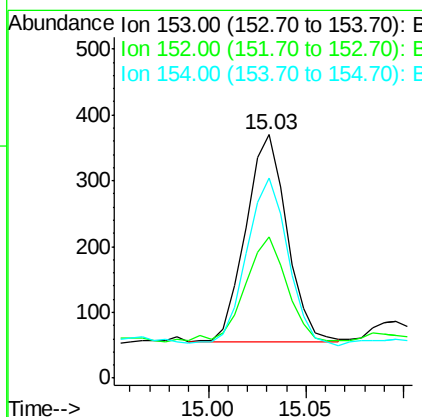
RT: 15.03 min Scan# 2334

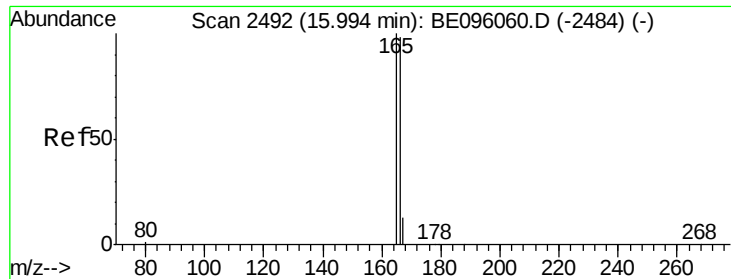
Delta R.T. -0.00 min

Lab File: BE096070.D

Acq: 21 Apr 2018 8:57

Tgt Ion:	153	Resp:	461
Ion Ratio	Lower	Upper	
153	100		
152	57.8	36.0	54.0#
154	82.4	72.0	108.0





#9

Fluorene

Concen: 0.034 ng/ul

RT: 15.99 min Scan# 2492

Delta R.T. 0.00 min

Lab File: BE096070.D

Acq: 21 Apr 2018 8:57

Instrument :

BNA_E

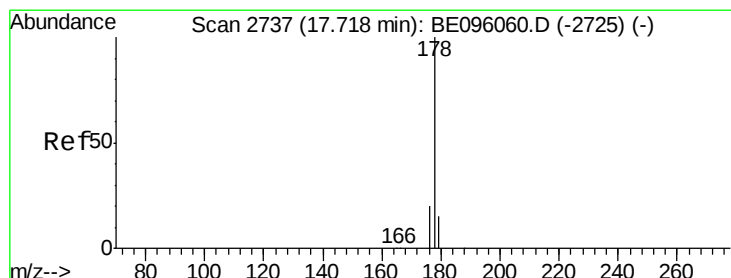
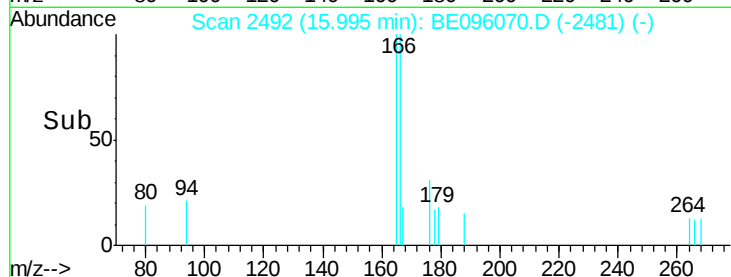
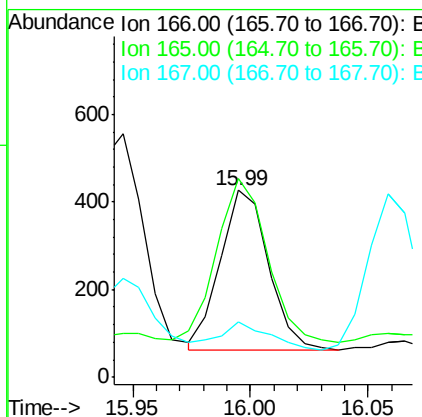
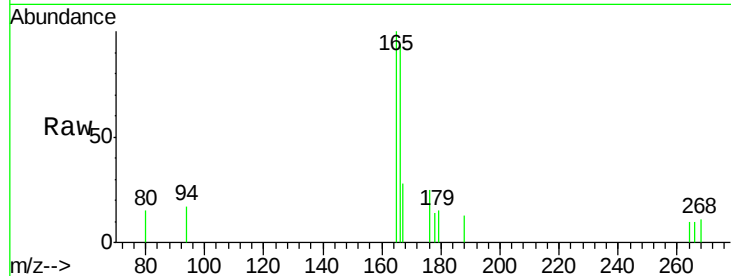
ClientSampleId :

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Tot Ion	Ratio	Lower	Upper
166	100		
165	106.8	73.4	110.2
167	29.8	14.6	22.0

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#12

Phenanthrene

Concen: 0.628 ng/ul m

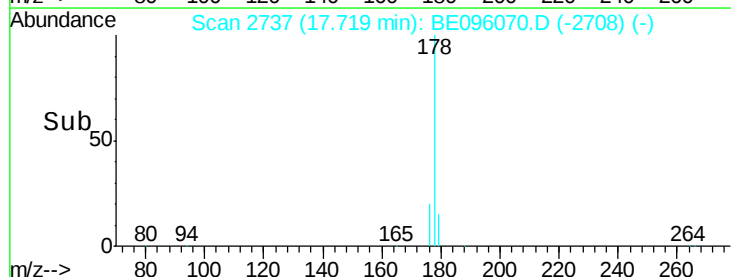
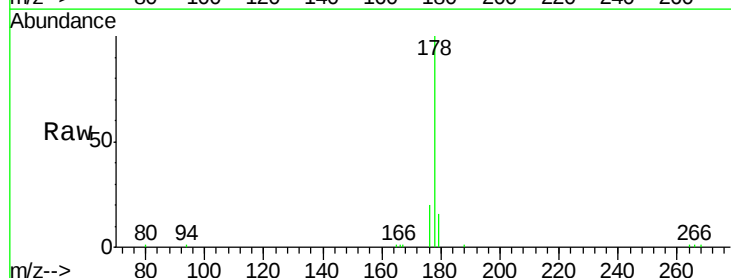
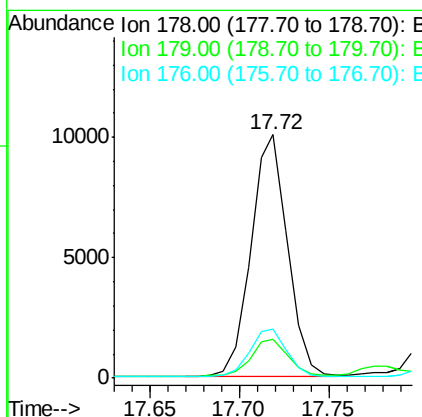
RT: 17.72 min Scan# 2737

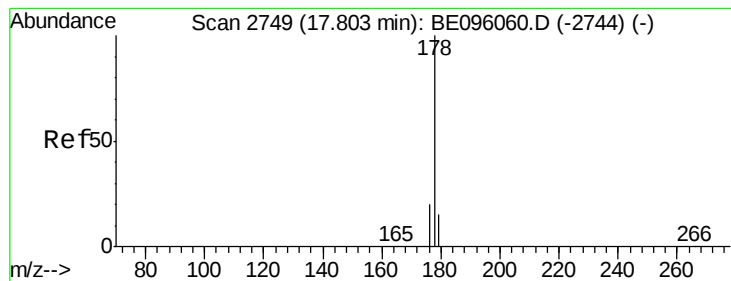
Delta R.T. 0.00 min

Lab File: BE096070.D

Acq: 21 Apr 2018 8:57

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.1	18.4	27.6
176	20.2	13.6	20.4





#13

Anthracene

Concen: 0.121 ng/ul m

RT: 17.80 min Scan# 2749

Delta R.T. 0.00 min

Lab File: BE096070.D

Acq: 21 Apr 2018 8:57

Instrument :

BNA_E

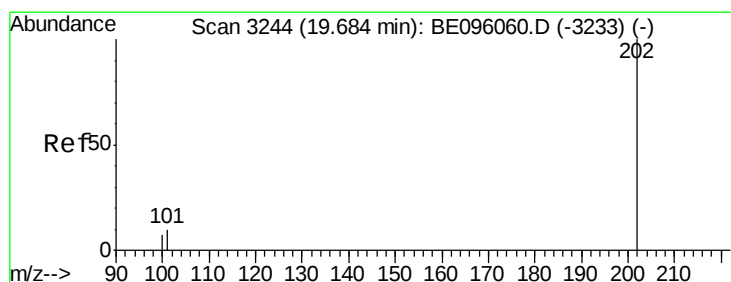
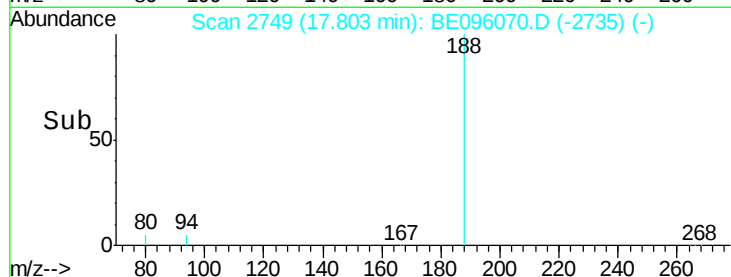
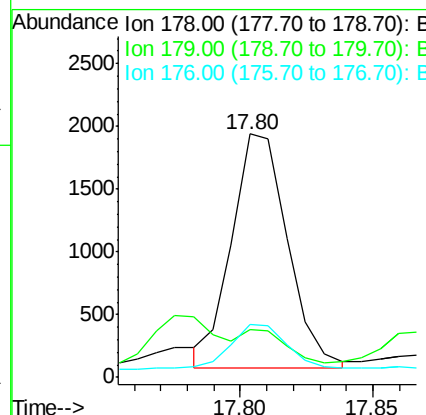
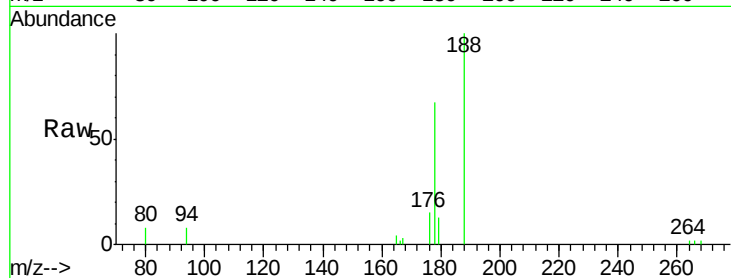
ClientSampled :

C0AC0

Tot Ion:	178	Resp:	2746
Ion Ratio	Lower	Upper	
178	100		
179	19.5	18.1	27.1
176	21.8	14.7	22.1

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#15

Fluoranthene

Concen: 1.448 ng/ul m

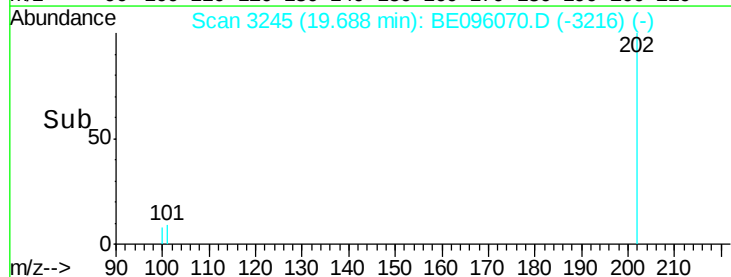
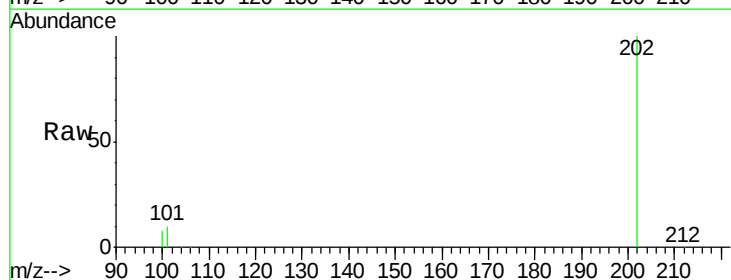
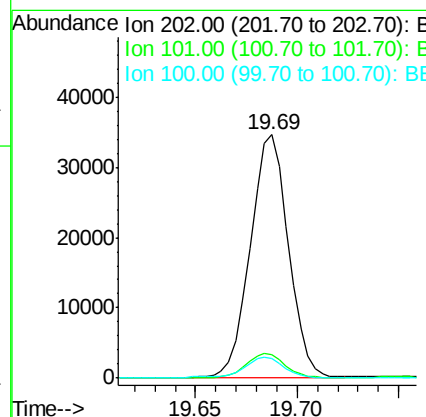
RT: 19.69 min Scan# 3245

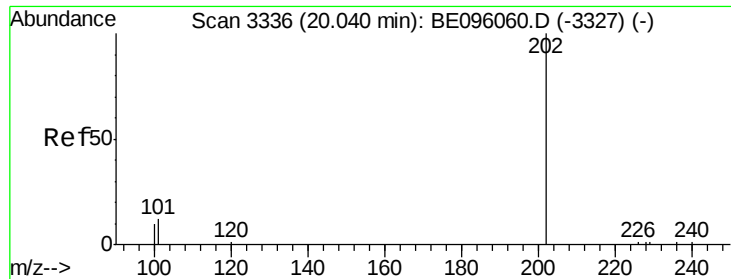
Delta R.T. 0.00 min

Lab File: BE096070.D

Acq: 21 Apr 2018 8:57

Tgt Ion:	202	Resp:	44985
Ion Ratio	Lower	Upper	
202	100		
101	9.7	0.0	30.3
100	7.9	0.0	39.5





#17

Pvrene

Concen: 1.513 ng/ul

RT: 20.04 min Scan# 3337

Delta R.T. -0.00 min

Lab File: BE096070.D

Acq: 21 Apr 2018 8:57

Instrument :

BNA_E

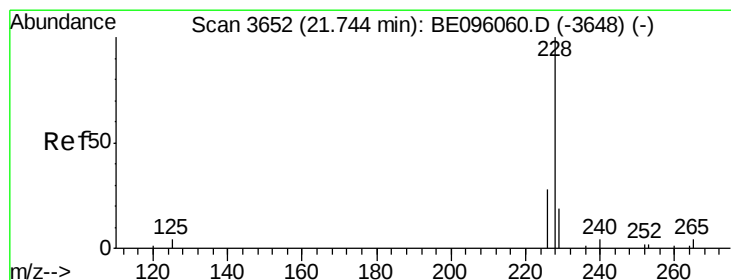
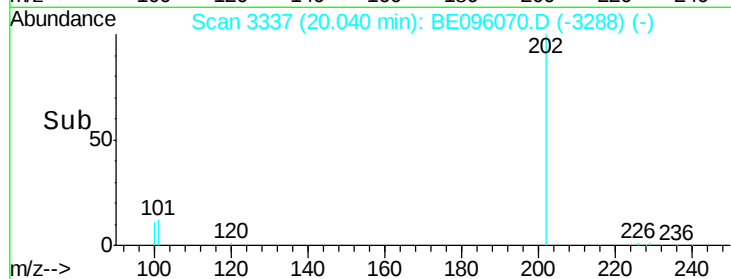
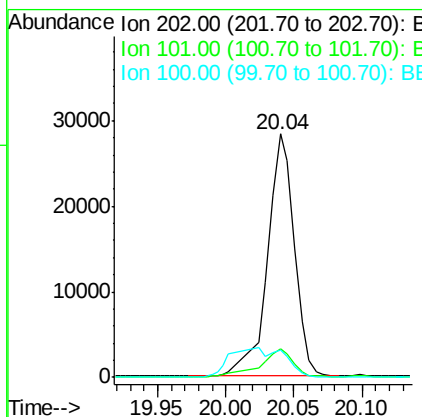
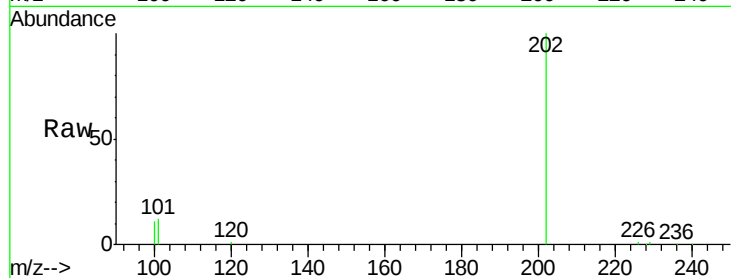
ClientSampled :

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Tot Ion:	202	Resp:	37361
Ion Ratio	Lower	Upper	
202	100		
101	12.0	18.2	27.4#
100	11.0	15.6	23.4#

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#18

Benzo(a)anthracene

Concen: 0.817 ng/ul m

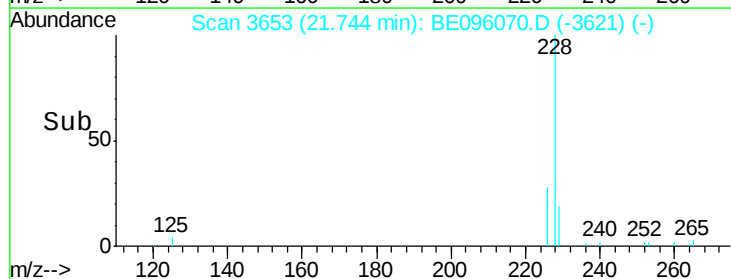
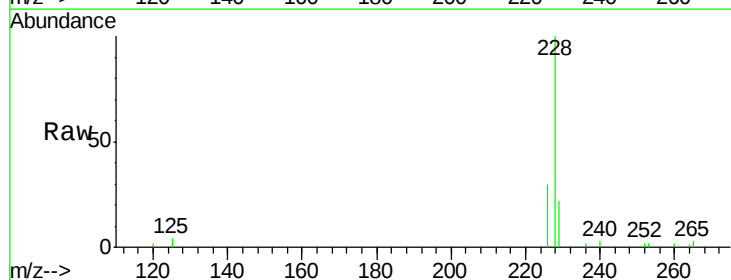
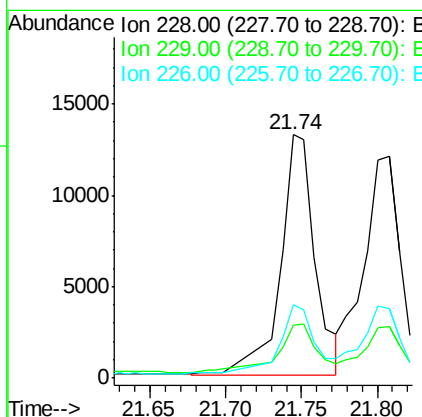
RT: 21.74 min Scan# 3653

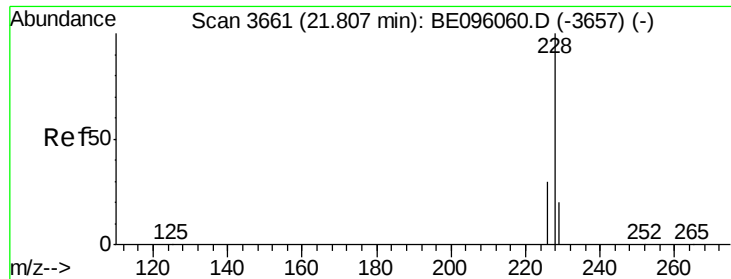
Delta R.T. 0.00 min

Lab File: BE096070.D

Acq: 21 Apr 2018 8:57

Tgt Ion:	228	Resp:	23982
Ion Ratio	Lower	Upper	
228	100		
229	21.8	22.8	34.2#
226	30.1	17.0	25.6#





#19

Chrysene

Concen: 0.936 ng/ul

RT: 21.81 min Scan# 3662

Delta R.T. 0.00 min

Lab File: BE096070.D

Acq: 21 Apr 2018 8:57

Instrument :

BNA_E

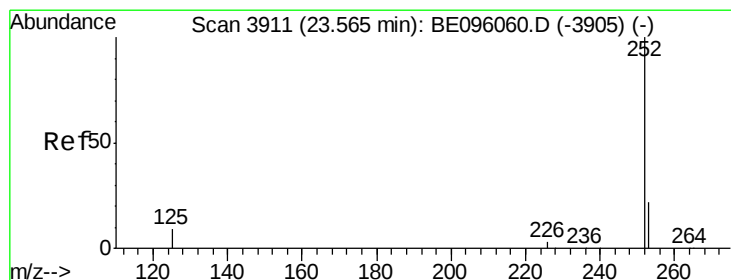
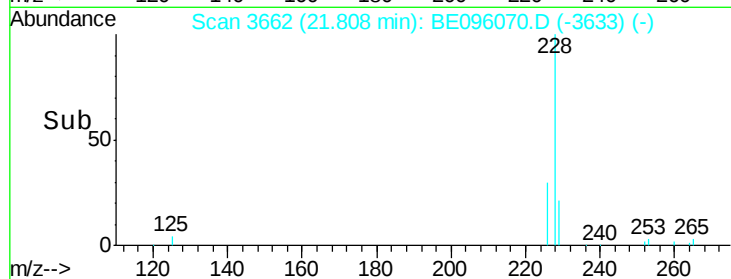
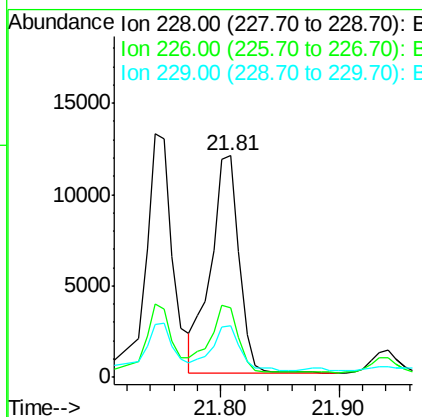
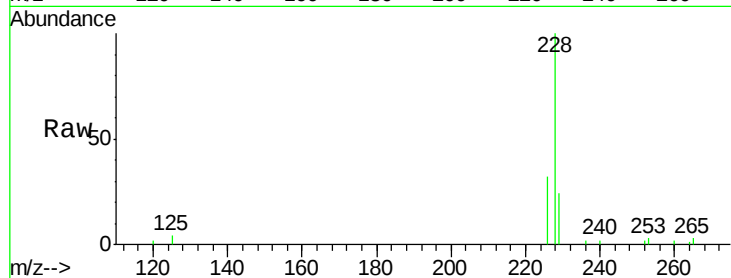
ClientSampleId :

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Tot Ion:	228	Resp:	19782
Ion Ratio	Lower	Upper	
228	100		
226	31.7	23.4	35.0
229	23.5	17.7	26.5

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#21

Benzo(b)fluoranthene

Concen: 1.063 ng/ul m

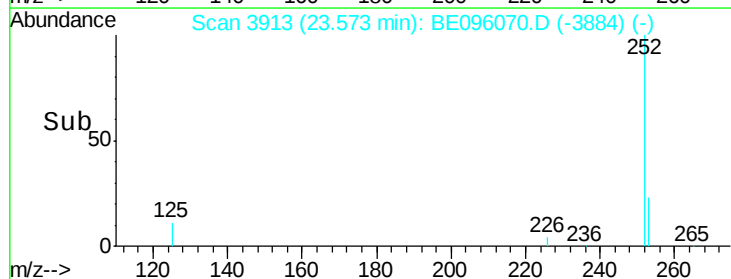
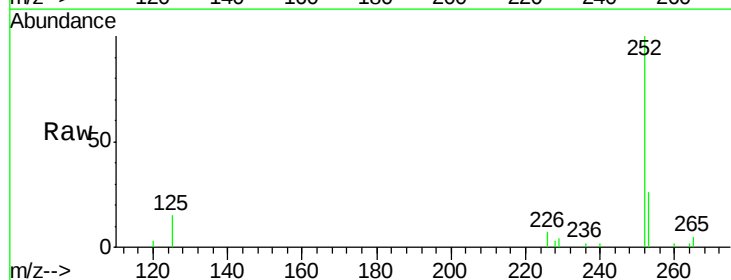
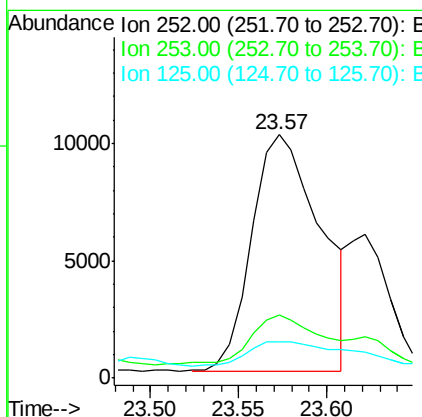
RT: 23.57 min Scan# 3913

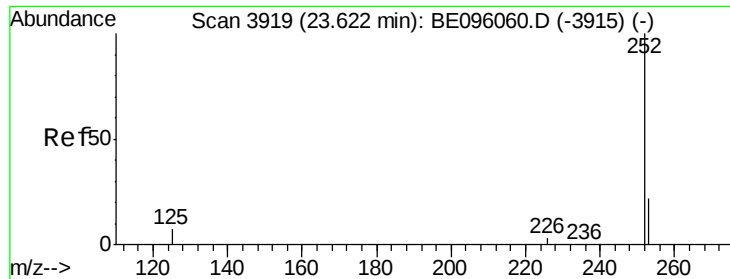
Delta R.T. 0.01 min

Lab File: BE096070.D

Acq: 21 Apr 2018 8:57

Tgt Ion:	252	Resp:	27539
Ion Ratio	Lower	Upper	
252	100		
253	26.1	0.0	64.2
125	15.1	0.0	35.0





#22

Benzo(k)fluoranthene

Concen: 0.363 ng/ul m

RT: 23.62 min Scan# 3920

Delta R.T. 0.00 min

Lab File: BE096070.D

Acq: 21 Apr 2018 8:57

Instrument :

BNA_E

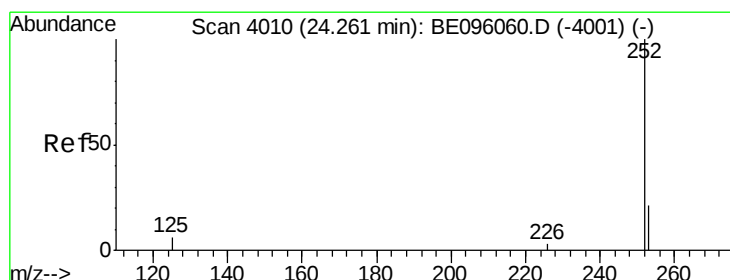
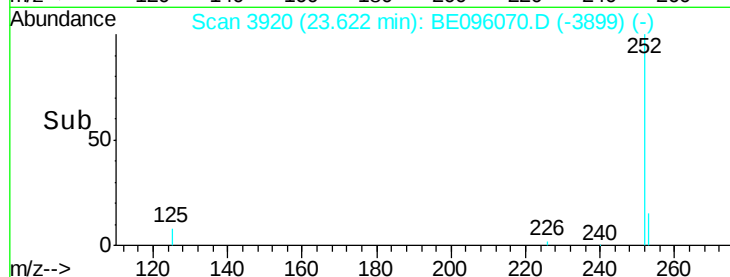
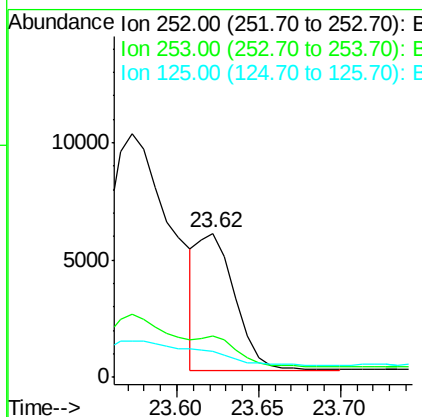
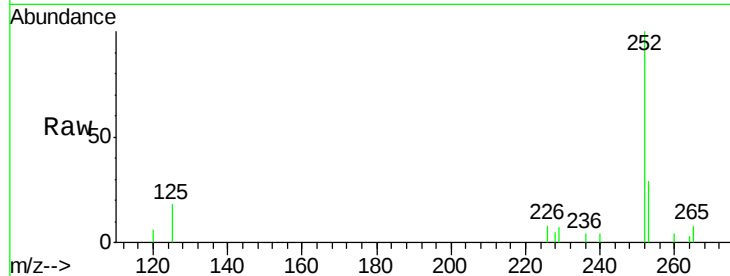
ClientSampleId :

C0AC0

Tot Ion	Ratio	Lower	Upper
252	100		
253	29.0	24.5	36.7
125	18.2	13.7	20.5

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#23

Benzo(a)pyrene

Concen: 0.797 ng/ul

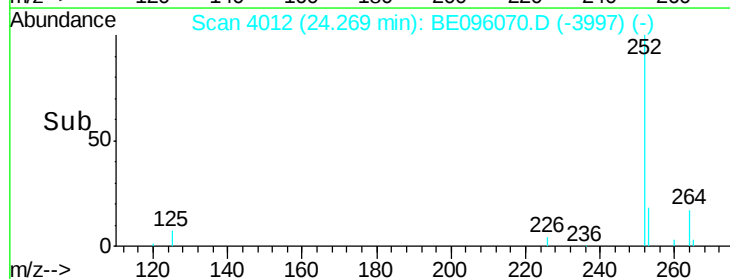
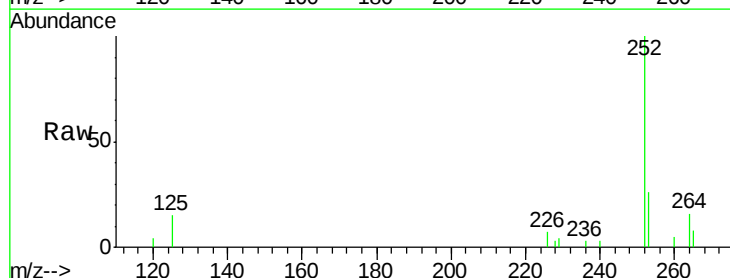
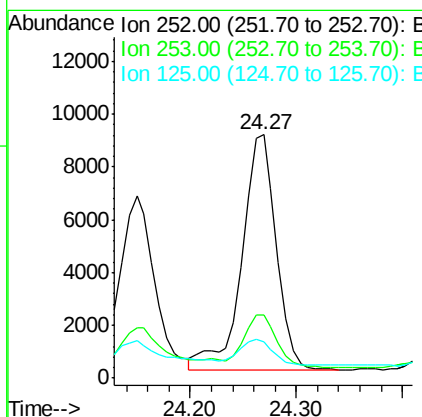
RT: 24.27 min Scan# 4012

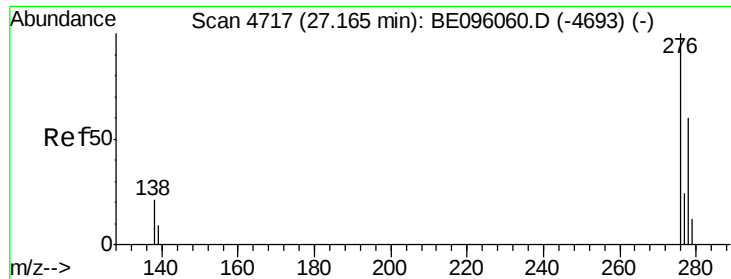
Delta R.T. 0.01 min

Lab File: BE096070.D

Acq: 21 Apr 2018 8:57

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.8	28.5	42.7#
125	14.9	18.1	27.1#





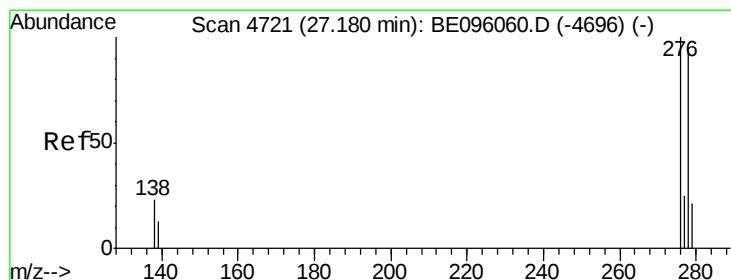
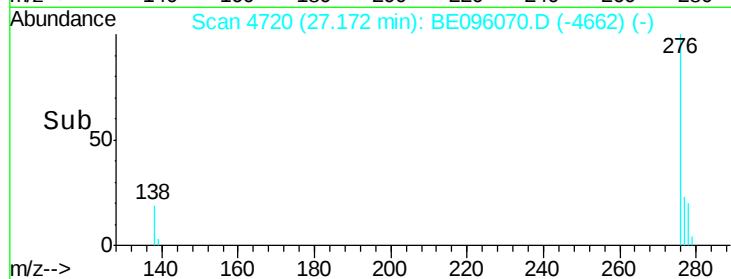
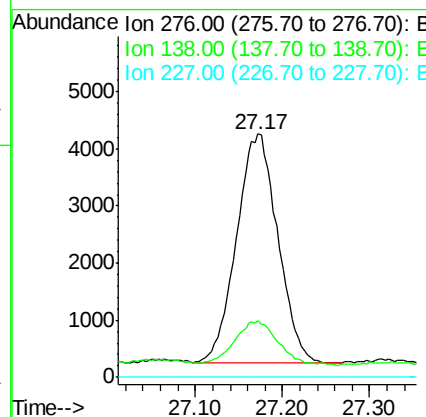
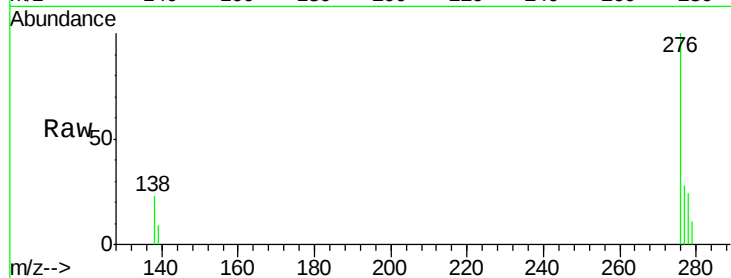
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.475 ng/ul
 RT: 27.17 min Scan# 4720
 Delta R.T. 0.01 min
 Lab File: BE096070.D
 Acq: 21 Apr 2018 8:57

Instrument :
 BNA_E
 ClientSampled :
 C0AC0

Tot Ion	Ratio	Lower	Upper
276	100		
138	19.6	28.0	42.0#
227	0.0	8.0	12.0#

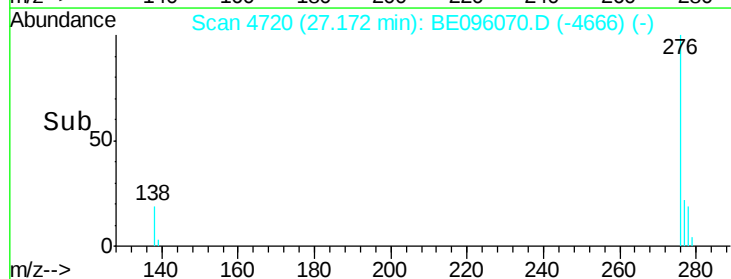
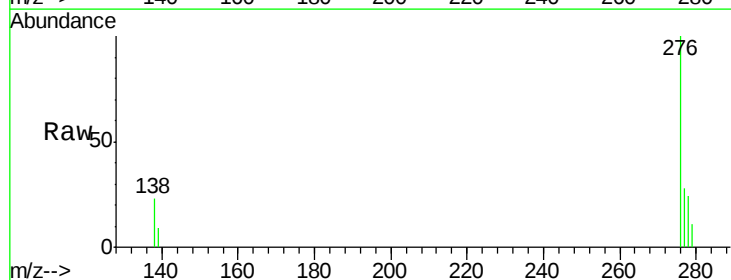
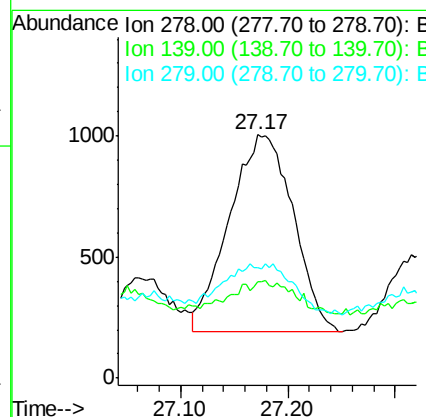
Manual Integrations
 APPROVED

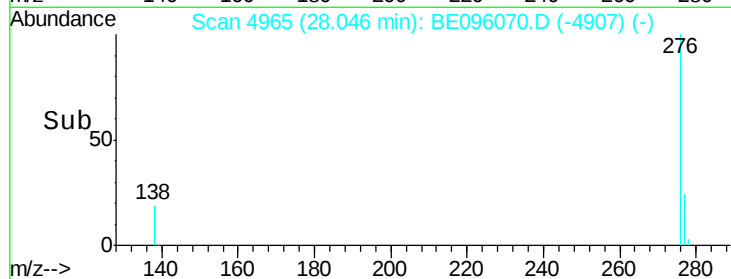
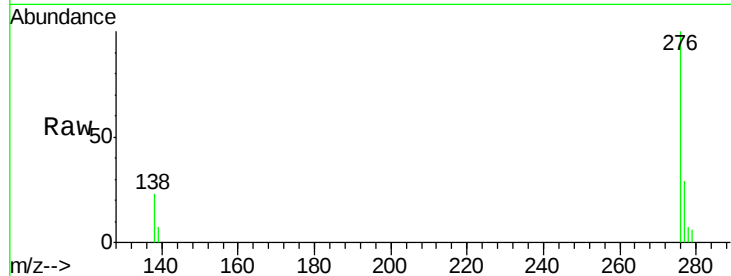
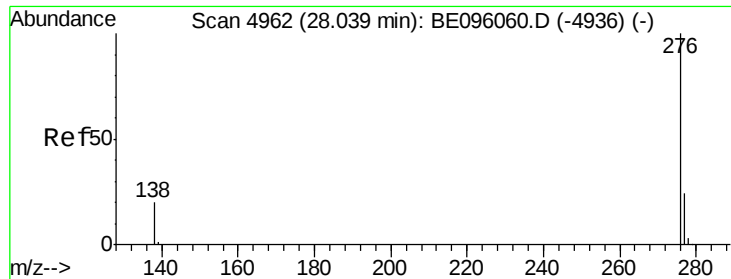
Sohil
 4/23/2018 6:44:31 PM



#25
 Dibenzo(a,h)anthracene
 Concen: 0.149 ng/ul
 RT: 27.17 min Scan# 4720
 Delta R.T. -0.01 min
 Lab File: BE096070.D
 Acq: 21 Apr 2018 8:57

Tgt Ion	Ratio	Lower	Upper
278	100		
139	39.8	17.4	26.0#
279	45.3	25.9	38.9#





#26
 Benzo(a,h,i)perylene
 Concen: 0.621 ng/ul
 RT: 28.05 min Scan# 4965
 Delta R.T. 0.01 min
 Lab File: BE096070.D
 Acq: 21 Apr 2018 8:57

Instrument :
 BNA_E
 ClientSampleId :
 C0AC0

Tot Ion	Ratio	Lower	Upper
276	100		
138	23.4	21.8	32.8
277	28.7	20.5	30.7

Manual Integrations
 APPROVED

Sohil
 4/23/2018 6:44:31 PM

