

Data Path : Z:\HPCHEM1\BNA E\DATA\BE042318\
 Data File : BE096100.D
 Acq On : 24 Apr 2018 00:14
 Operator : SJ/JU
 Sample : J2434-01
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AB6

Manual Integrations
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Sohil
 4/24/2018 7:10:59 PM

Quant Time: Apr 24 14:49:16 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 24 06:59:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.38	152	2282	0.40	ng/ul	0.00
2) Naphthalene-d8	11.20	136	6599	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.97	164	3880	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.68	188	8524m	0.40	ng/ul	0.00
16) Chrysene-d12	21.77	240	7705m	0.40	ng/ul	0.00
20) Perylene-d12	24.38	264	10144	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.76	152	2407	0.20	ng/ul	0.00
14) Fluoranthene-d10	19.66	212	6491m	0.18	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	11.25	128	1784	0.097	ng/ul#	89
5) 2-Methylnaphthalene	12.83	142	1001	0.080	ng/ul	99
7) Acenaphthylene	14.70	152	5376	0.267	ng/ul	98
8) Acenaphthene	15.02	153	4072	0.282	ng/ul	93
9) Fluorene	15.99	166	8491	0.521	ng/ul#	89
12) Phenanthrene	17.72	178	144766m	5.762	ng/ul	
13) Anthracene	17.80	178	41602m	1.664	ng/ul	
15) Fluoranthene	19.68	202	273360m	7.997	ng/ul	
17) Pyrene	20.04	202	232996	8.899	ng/ul#	77
18) Benzo(a)anthracene	21.75	228	149912m	4.816	ng/ul	
19) Chrysene	21.80	228	94018	4.197	ng/ul	97
21) Benzo(b)fluoranthene	23.57	252	124348m	3.788	ng/ul	
22) Benzo(k)fluoranthene	23.62	252	40928m	1.252	ng/ul	
23) Benzo(a)pyrene	24.27	252	87538	2.764	ng/ul#	78
24) Indeno(1,2,3-cd)pyrene	27.17	276	55542	1.578	ng/ul#	74
25) Dibenzo(a,h)anthracene	27.18	278	14684	0.518	ng/ul	97
26) Benzo(a,h,i)perylene	28.05	276	53185	1.809	ng/ul#	93

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

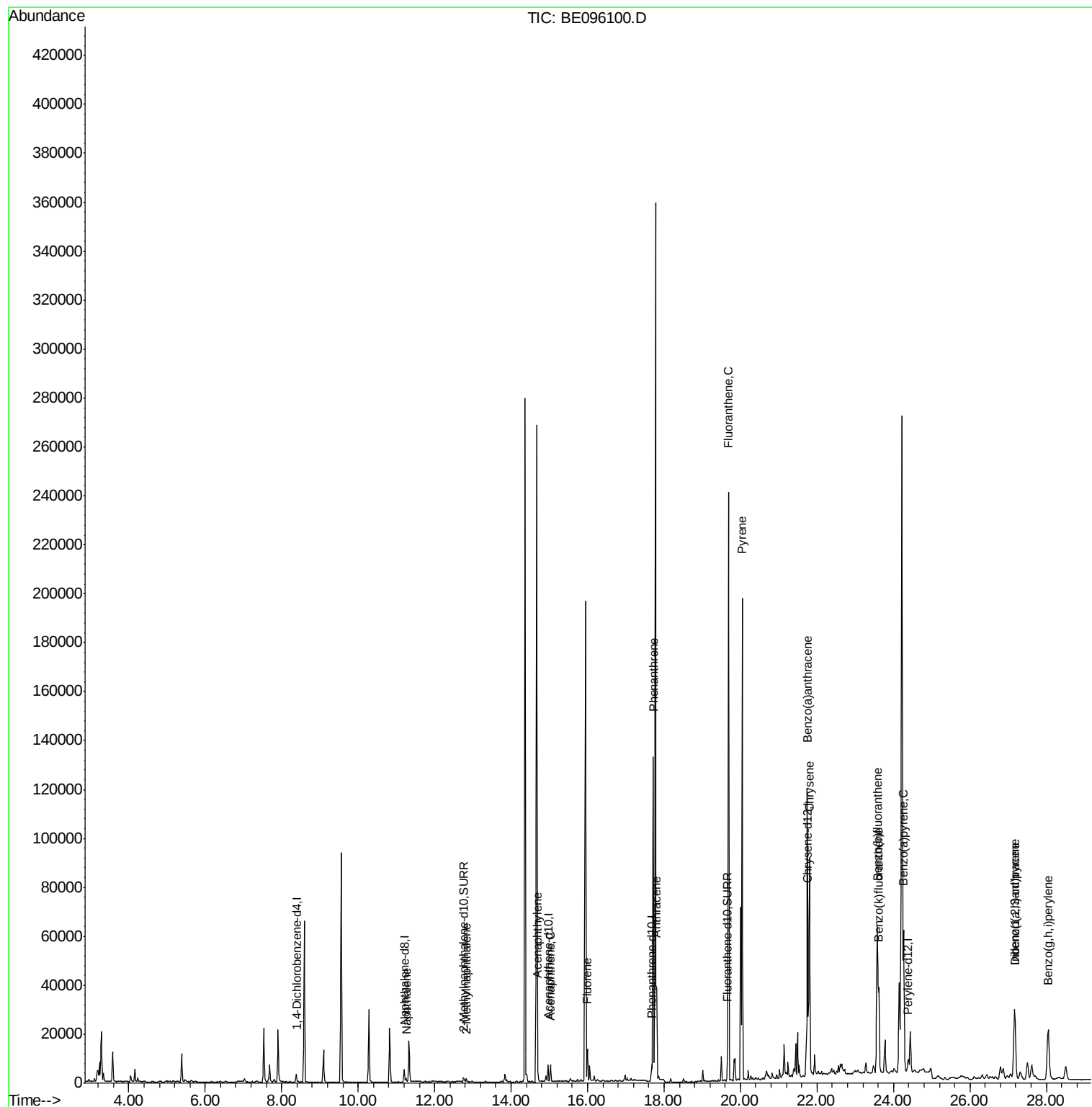
Data Path : Z:\HPCHEM1\BNA E\DATA\BE042318\
Data File : BE096100.D
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ALS Vial : 25 Sample Multiplier: 1

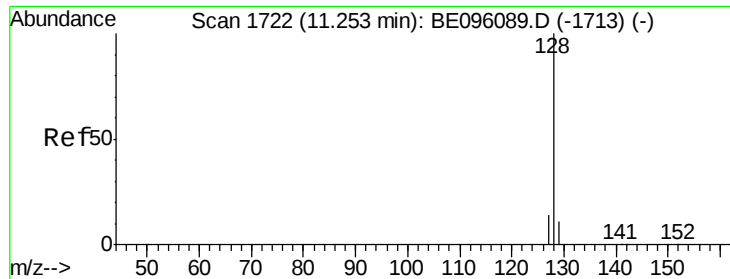
Instrument :
BNA_E
ClientSampleId :
C0AB6

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Quant Time: Apr 24 14:49:16 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 24 06:59:54 2018
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#3

Naphthalene

Concen: 0.097 ng/ul

RT: 11.25 min Scan# 1721

Delta R.T. -0.00 min

Lab File: BE096100.D

Acq: 24 Apr 2018 00:14

Instrument :

BNA_E

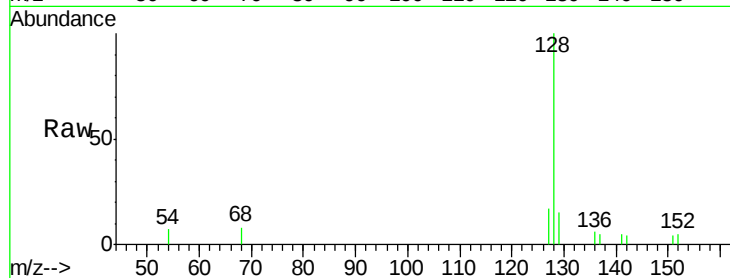
ClientSampled :

C0AB6

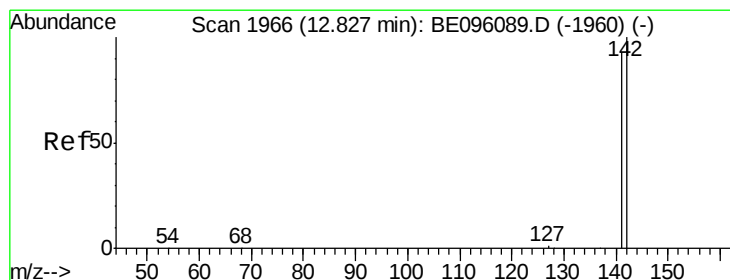
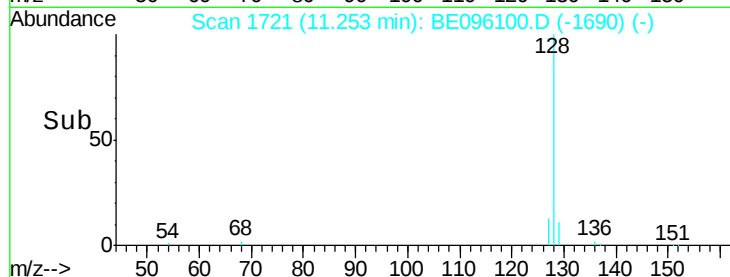
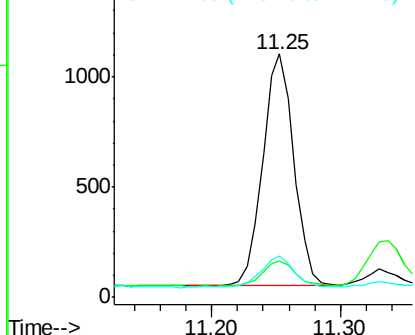
Tot Ion:	128	Resp:	1784
Ion Ratio	Lower	Upper	
128	100		
129	15.1	11.3	16.9
127	16.8	4.0	6.0#

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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: 0.080 ng/ul

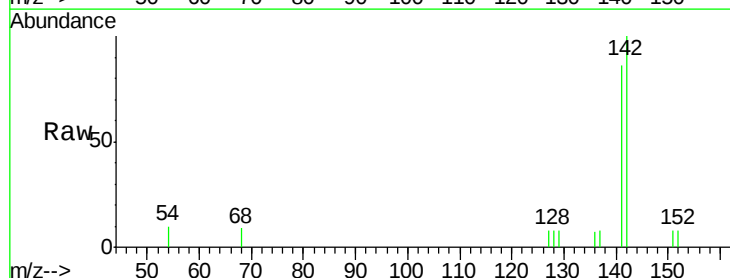
RT: 12.83 min Scan# 1966

Delta R.T. 0.01 min

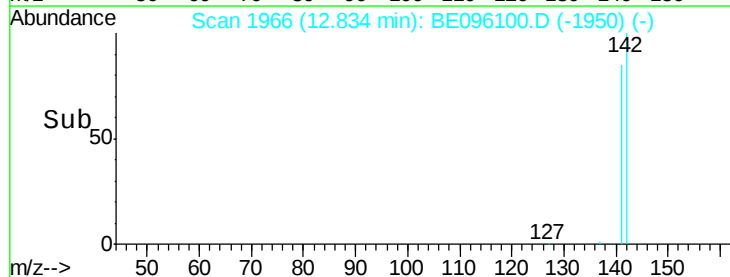
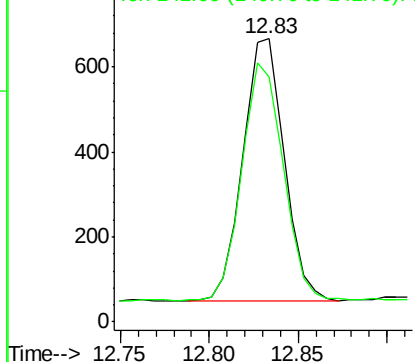
Lab File: BE096100.D

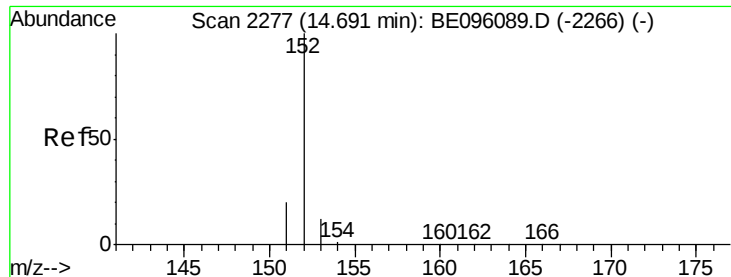
Acq: 24 Apr 2018 00:14

Tgt Ion:	142	Resp:	1001
Ion Ratio	Lower	Upper	
142	100		
141	91.6	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: 0.267 ng/ul

RT: 14.70 min Scan# 2277

Delta R.T. 0.01 min

Lab File: BE096100.D

Acq: 24 Apr 2018 00:14

Instrument :

BNA_E

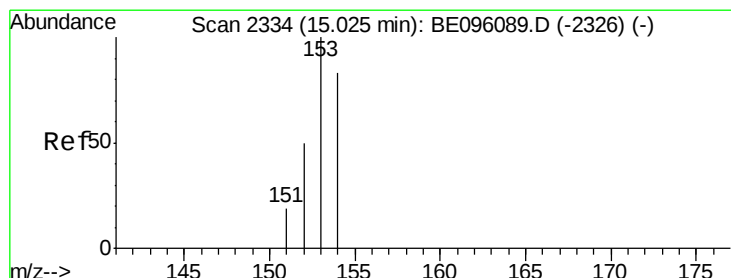
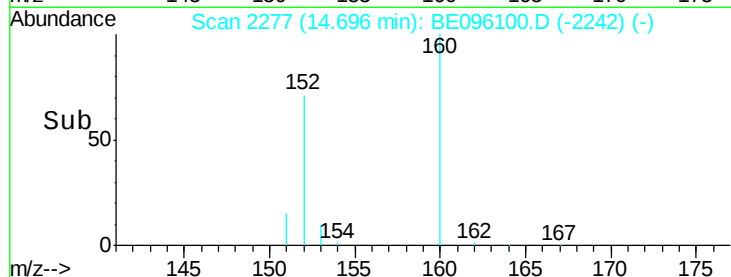
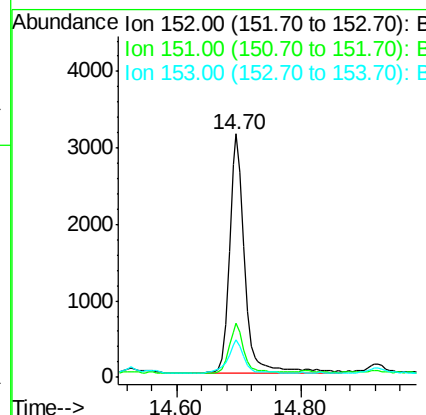
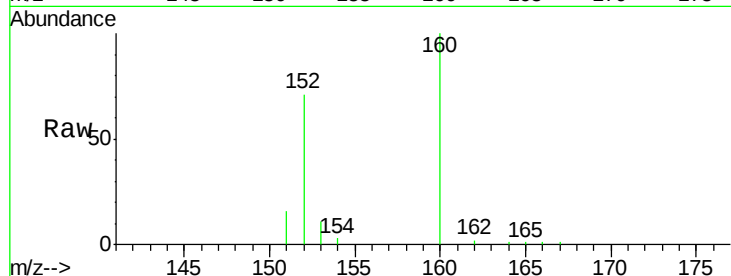
ClientSampleId :

C0AB6

Tot Ion:	152	Resp:	5376
Ion	Ratio	Lower	Upper
152	100		
151	22.2	17.1	25.7
153	15.2	12.8	19.2

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#8

Acenaphthene

Concen: 0.282 ng/ul

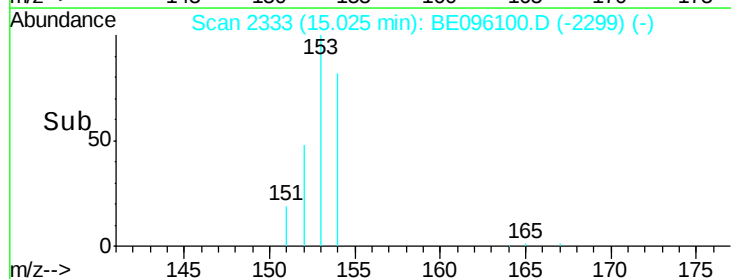
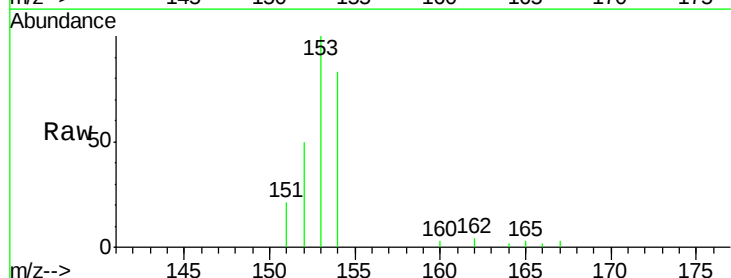
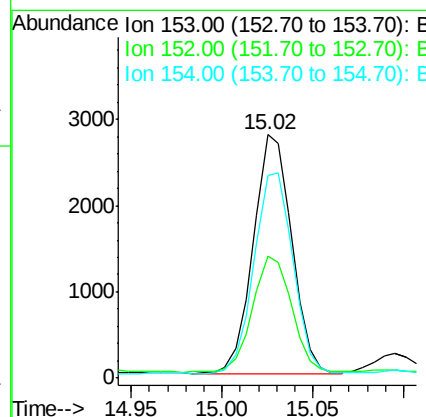
RT: 15.02 min Scan# 2333

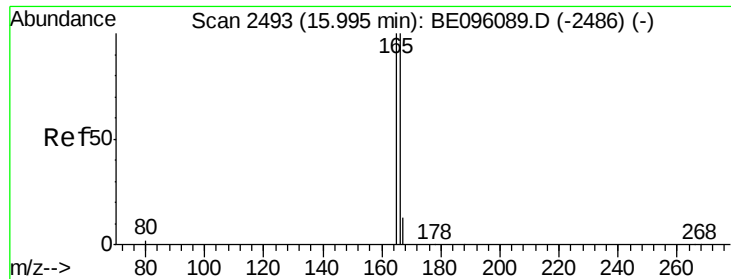
Delta R.T. -0.00 min

Lab File: BE096100.D

Acq: 24 Apr 2018 00:14

Tgt Ion:	153	Resp:	4072
Ion	Ratio	Lower	Upper
153	100		
152	50.0	36.0	54.0
154	83.3	72.0	108.0





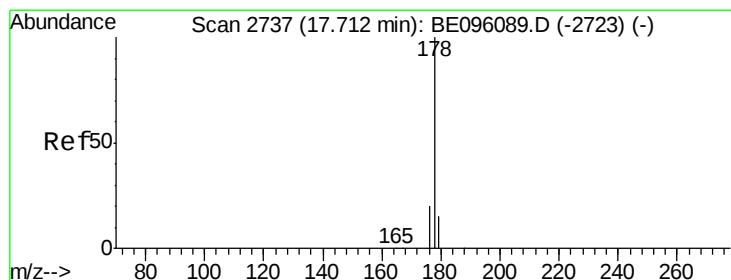
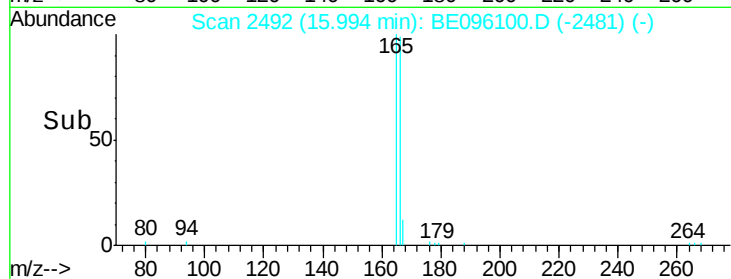
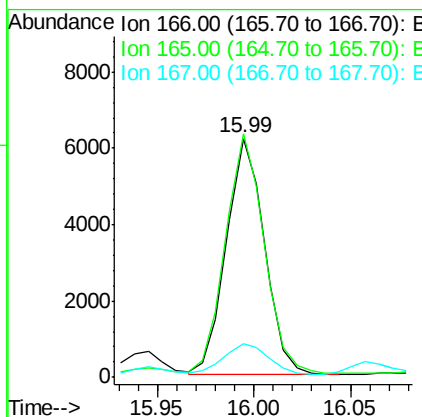
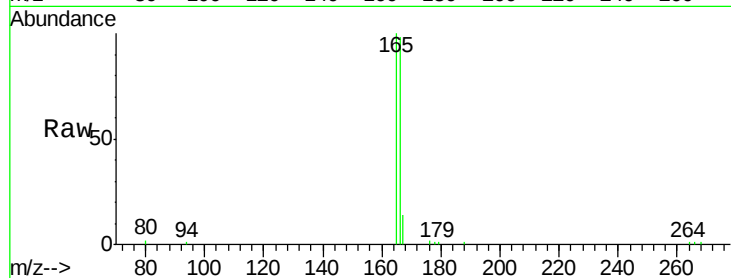
#9
Fluorene
 Concen: 0.521 ng/ul
 RT: 15.99 min Scan# 2492
 Delta R.T. -0.00 min
 Lab File: BE096100.D
 Acq: 24 Apr 2018 00:14

Instrument :
 BNA_E
 ClientSampleId :
 C0AB6

Tot Ion	Ratio	Lower	Upper
166	100		
165	102.0	73.4	110.2
167	14.0	14.6	22.0

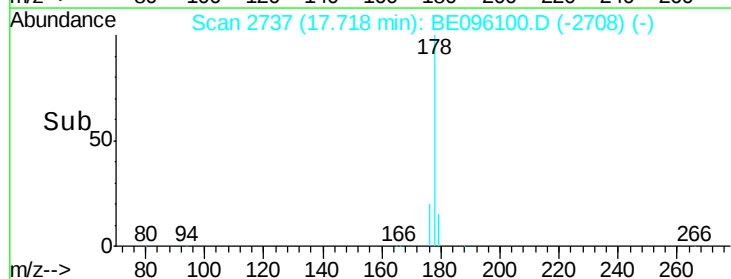
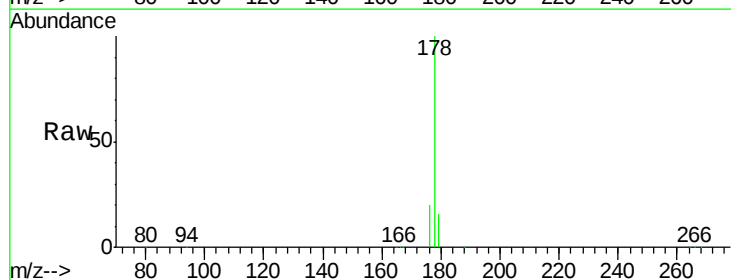
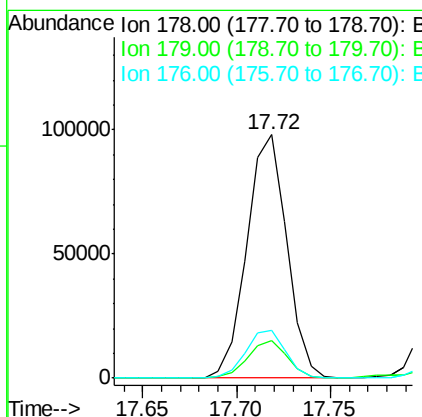
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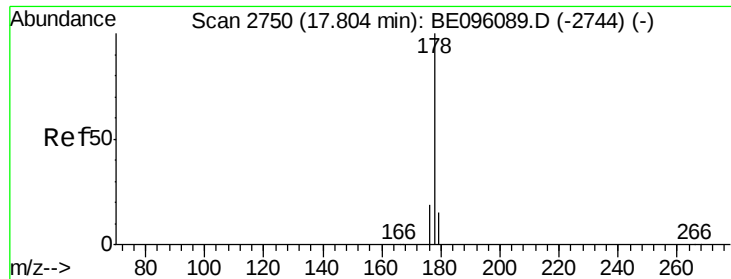
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#12
Phenanthrene
 Concen: 5.762 ng/ul m
 RT: 17.72 min Scan# 2737
 Delta R.T. 0.01 min
 Lab File: BE096100.D
 Acq: 24 Apr 2018 00:14

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.5	18.4	27.6
176	19.8	13.6	20.4





#13

Anthracene

Concen: 1.664 ng/ul m

RT: 17.80 min Scan# 2749

Delta R.T. -0.00 min

Lab File: BE096100.D

Acq: 24 Apr 2018 00:14

Instrument :

BNA_E

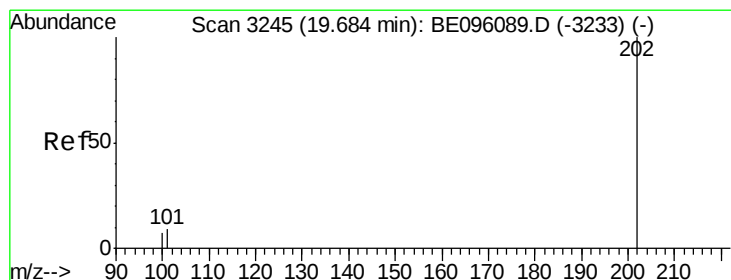
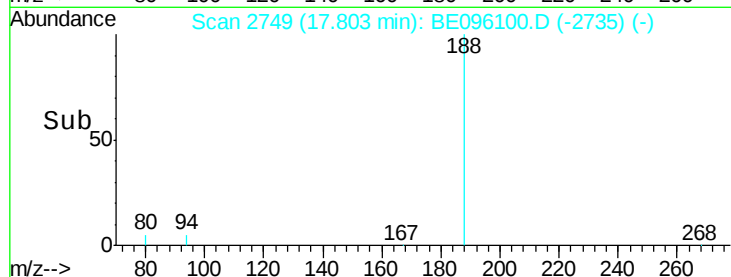
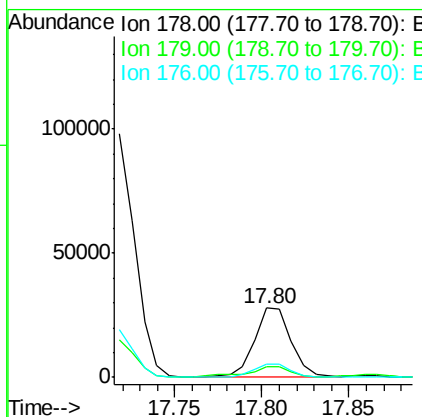
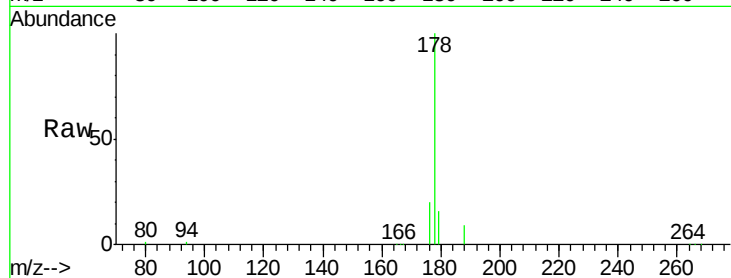
ClientSampled :

C0AB6

Tot Ion:178 Resp: 41602
 Ion Ratio Lower Upper
 178 100
 179 15.5 18.1 27.1#
 176 19.8 14.7 22.1

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#15

Fluoranthene

Concen: 7.997 ng/ul m

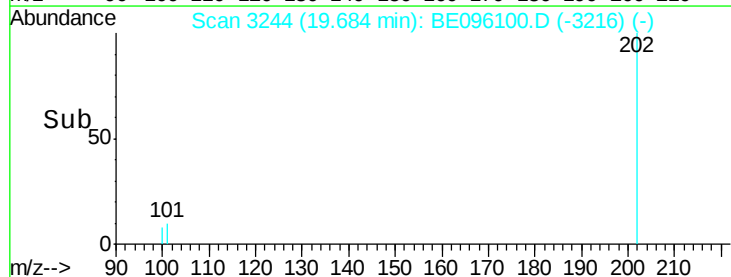
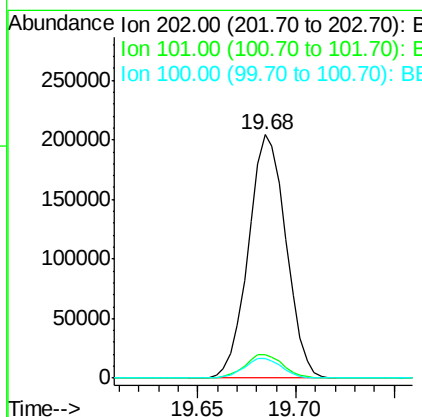
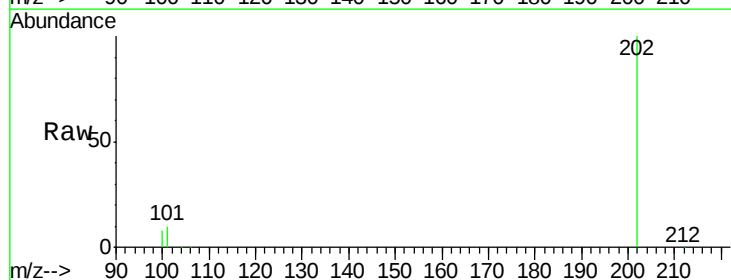
RT: 19.68 min Scan# 3244

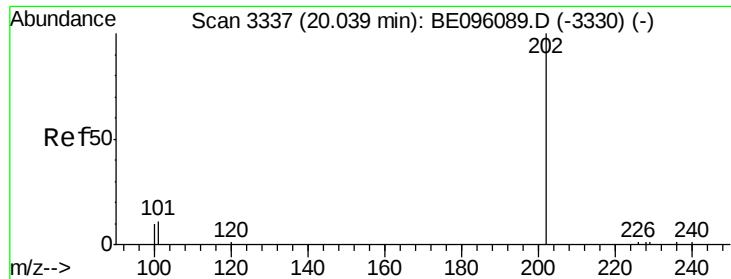
Delta R.T. 0.00 min

Lab File: BE096100.D

Acq: 24 Apr 2018 00:14

Tgt Ion:202 Resp: 273360
 Ion Ratio Lower Upper
 202 100
 101 9.8 0.0 30.3
 100 8.1 0.0 39.5





#17

Pvrene

Concen: 8.899 ng/ul

RT: 20.04 min Scan# 3337

Delta R.T. 0.00 min

Lab File: BE096100.D

Acq: 24 Apr 2018 00:14

Instrument :

BNA_E

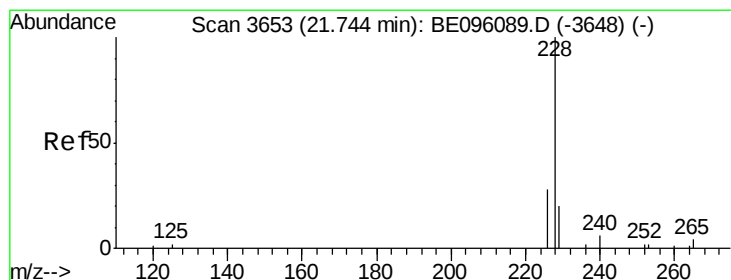
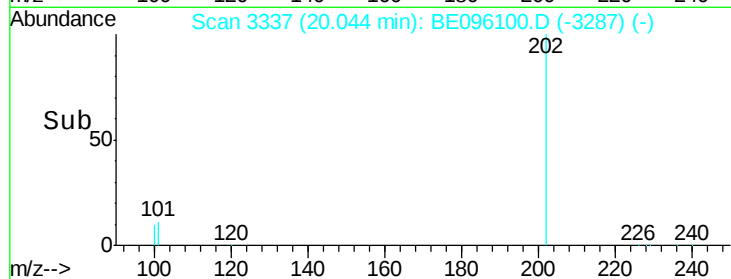
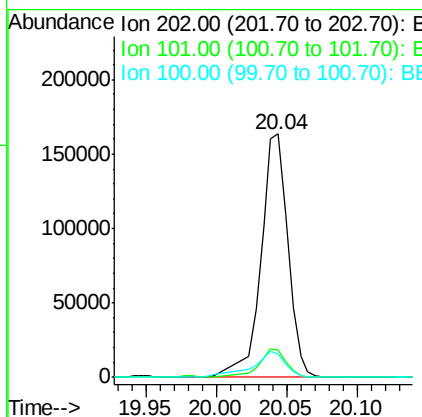
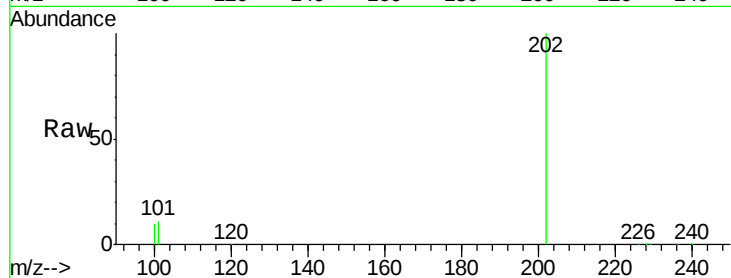
ClientSampleId :

C0AB6

Tot Ion:	202	Resp:	232996
Ion Ratio	Lower	Upper	
202	100		
101	11.0	18.2	27.4#
100	9.6	15.6	23.4#

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#18

Benzo(a)anthracene

Concen: 4.816 ng/ul m

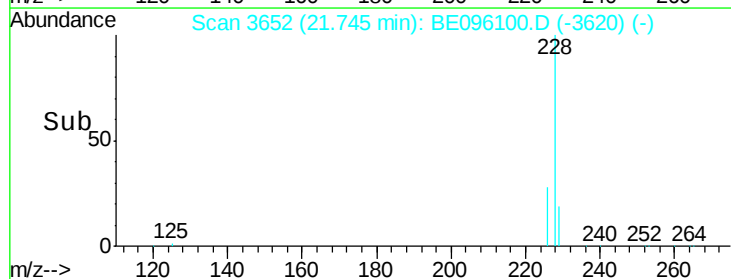
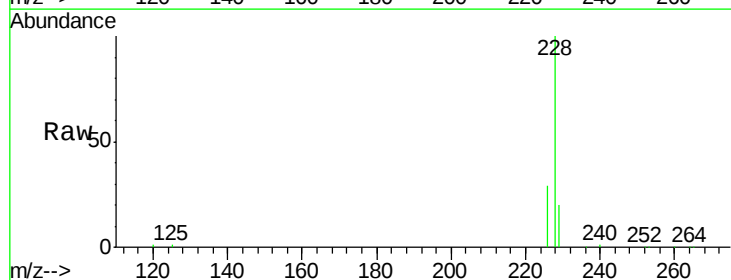
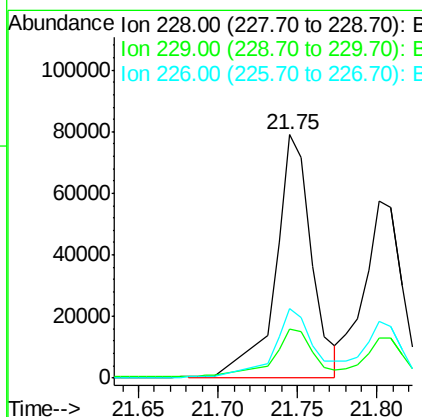
RT: 21.75 min Scan# 3652

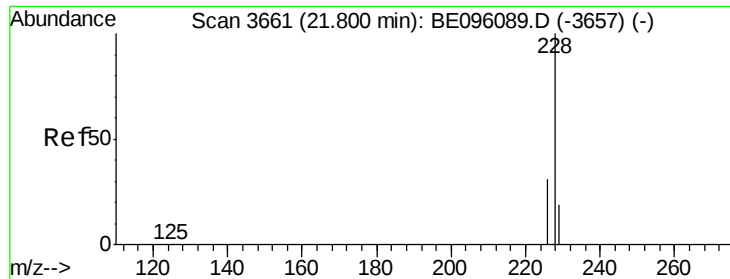
Delta R.T. 0.00 min

Lab File: BE096100.D

Acq: 24 Apr 2018 00:14

Tgt Ion:	228	Resp:	149912
Ion Ratio	Lower	Upper	
228	100		
229	20.2	22.8	34.2#
226	28.7	17.0	25.6#





#19

Chrysene

Concen: 4.197 ng/ul

RT: 21.80 min Scan# 3660

Delta R.T. 0.00 min

Lab File: BE096100.D

Acq: 24 Apr 2018 00:14

Instrument :

BNA_E

ClientSampled :

C0AB6

Tot Ion:228 Resp: 94018

Ion Ratio Lower Upper

228 100

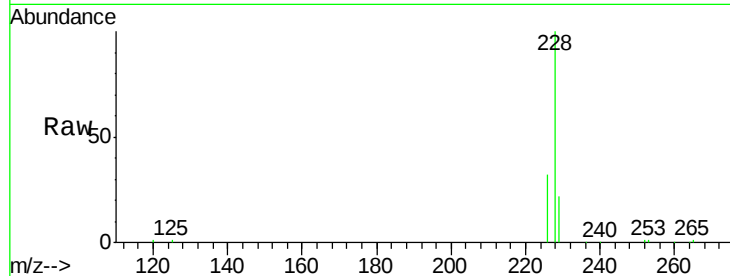
226 32.1 23.4 35.0

229 22.4 17.7 26.5

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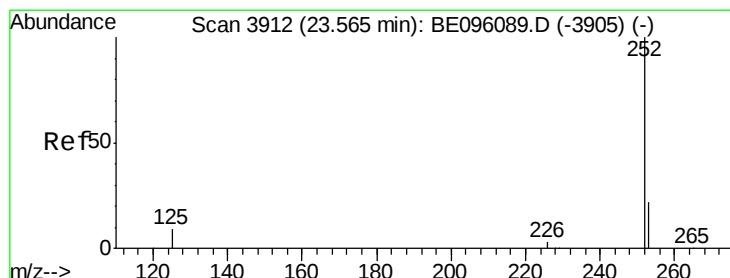
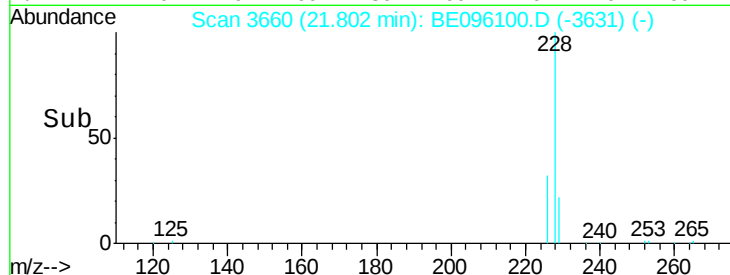
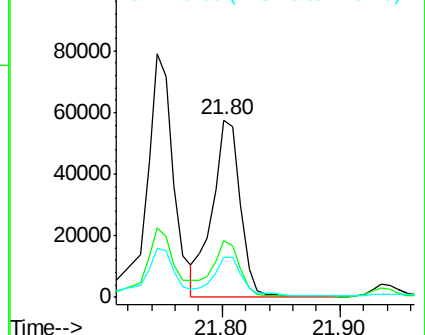
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Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#21

Benzo(b)fluoranthene

Concen: 3.788 ng/ul m

RT: 23.57 min Scan# 3912

Delta R.T. 0.01 min

Lab File: BE096100.D

Acq: 24 Apr 2018 00:14

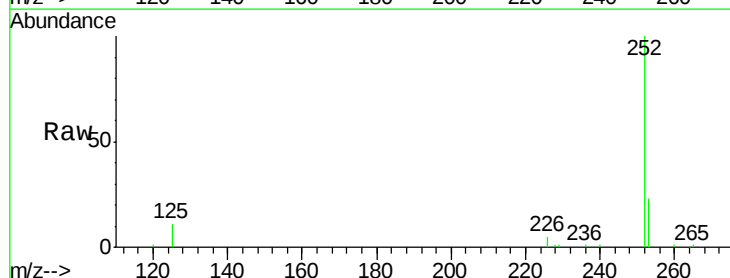
Tgt Ion:252 Resp: 124348

Ion Ratio Lower Upper

252 100

253 23.1 0.0 64.2

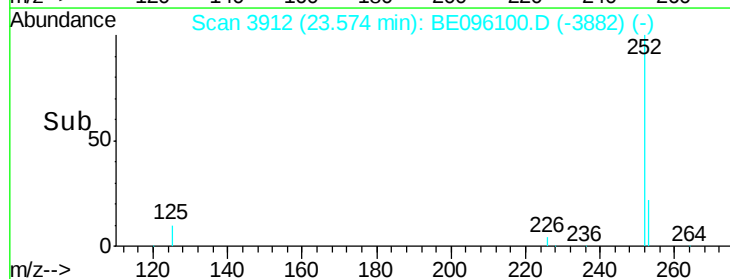
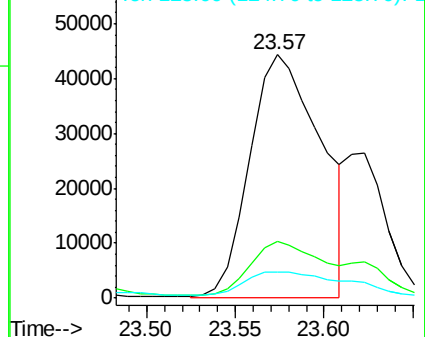
125 10.9 0.0 35.0

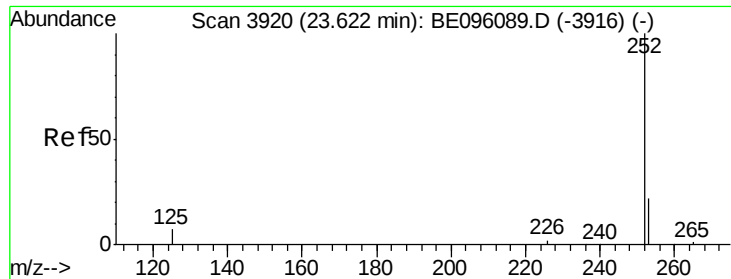


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#22

Benzo(k)fluoranthene

Concen: 1.252 ng/ul m

RT: 23.62 min Scan# 3919

Delta R.T. 0.00 min

Lab File: BE096100.D

Acq: 24 Apr 2018 00:14

Instrument :

BNA_E

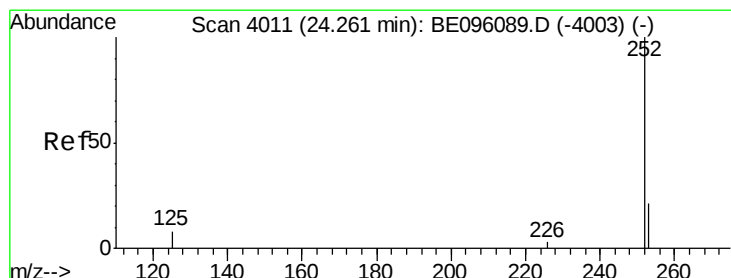
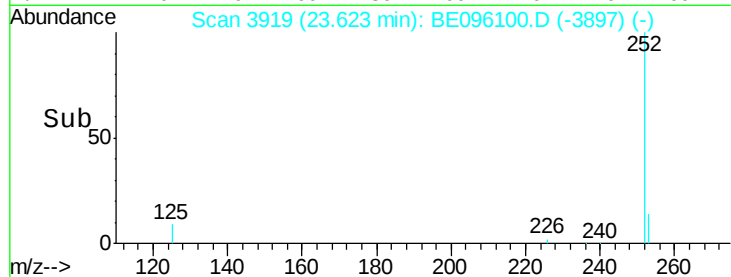
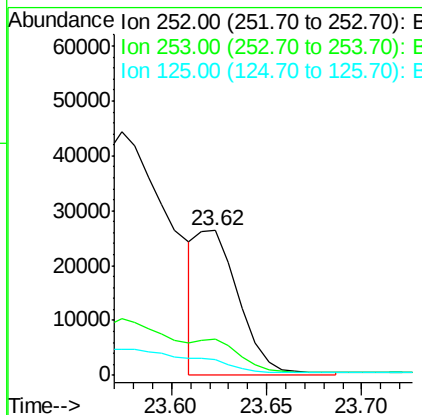
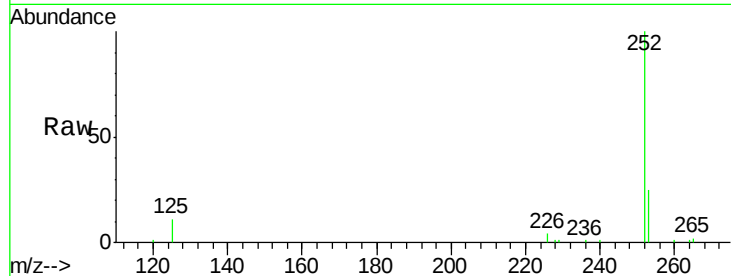
ClientSampleId :

C0AB6

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.8	24.5	36.7
125	10.8	13.7	20.5#

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#23

Benzo(a)pyrene

Concen: 2.764 ng/ul

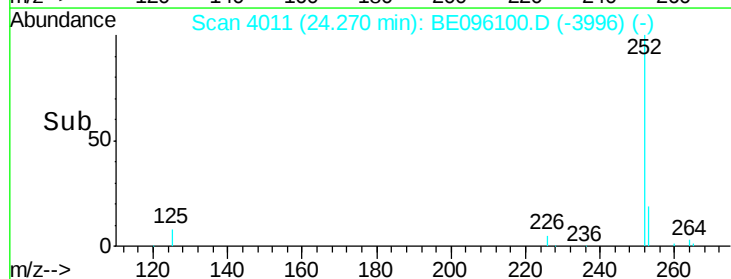
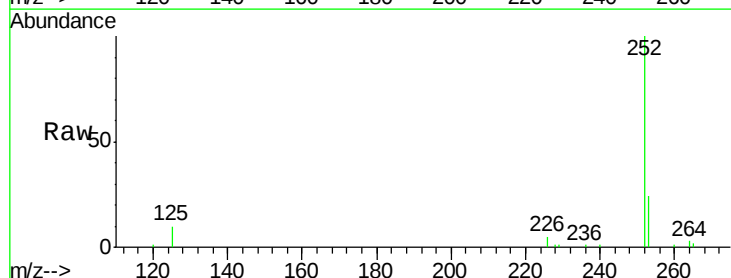
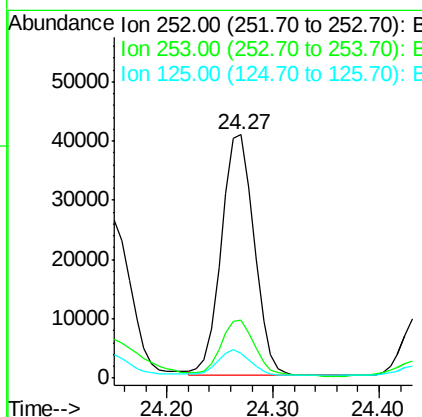
RT: 24.27 min Scan# 4011

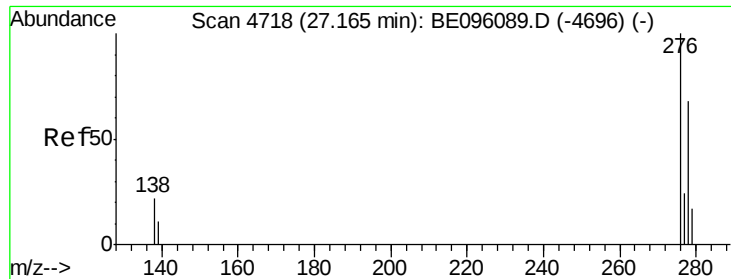
Delta R.T. 0.01 min

Lab File: BE096100.D

Acq: 24 Apr 2018 00:14

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.6	28.5	42.7#
125	10.4	18.1	27.1#





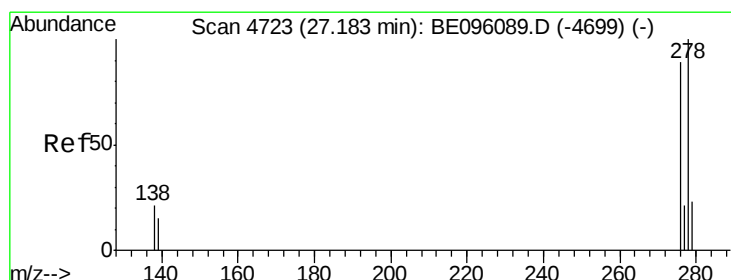
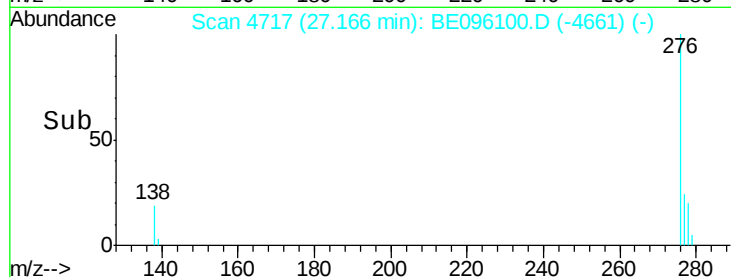
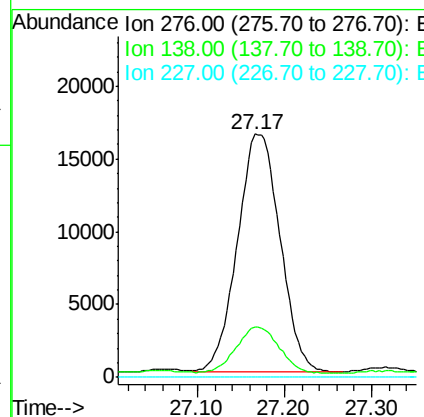
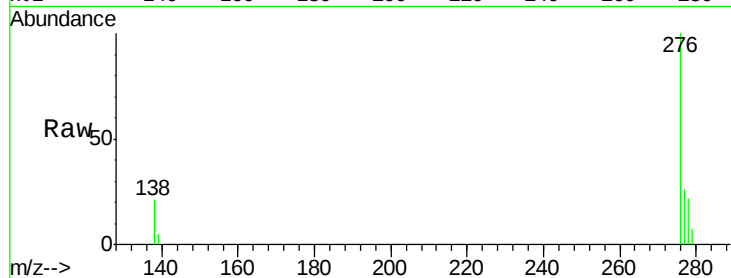
#24
Indeno(1,2,3-cd)pyrene
Concen: 1.578 ng/ul
RT: 27.17 min Scan# 4717
Delta R.T. 0.00 min
Lab File: BE096100.D
Acq: 24 Apr 2018 00:14

Instrument :
BNA_E
ClientSampled :
C0AB6

Tot Ion	Ratio	Lower	Upper
276	100		
138	19.8	28.0	42.0#
227	0.0	8.0	12.0#

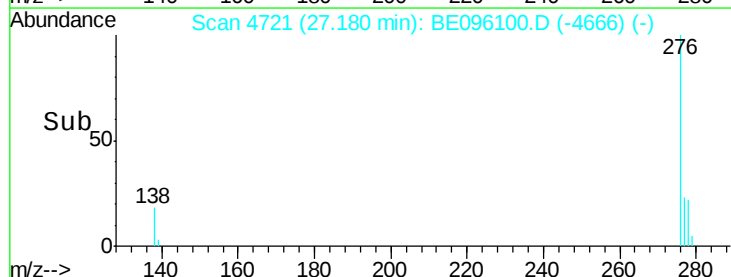
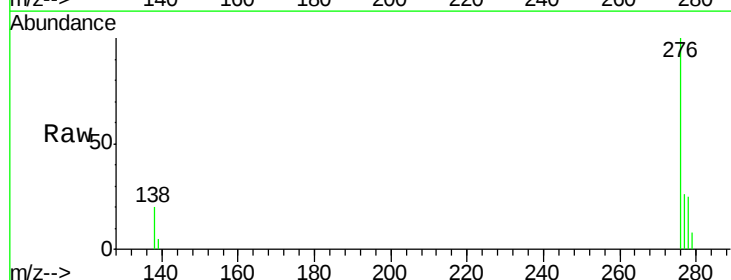
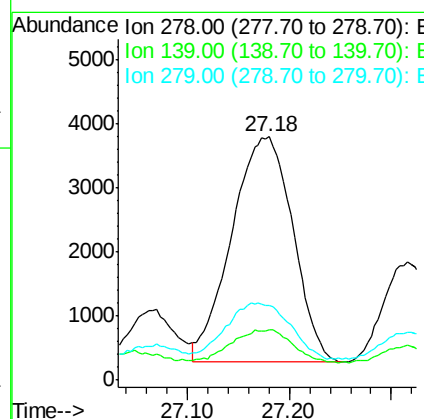
Manual Integrations
APPROVED

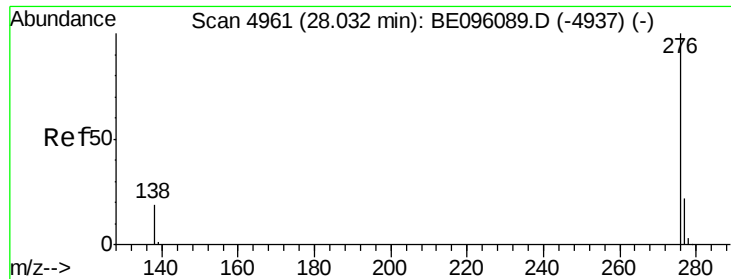
Sohil
4/24/2018 7:10:59 PM



#25
Dibenzo(a,h)anthracene
Concen: 0.518 ng/ul
RT: 27.18 min Scan# 4721
Delta R.T. -0.00 min
Lab File: BE096100.D
Acq: 24 Apr 2018 00:14

Tgt Ion	Ratio	Lower	Upper
278	100		
139	20.8	17.4	26.0
279	30.7	25.9	38.9





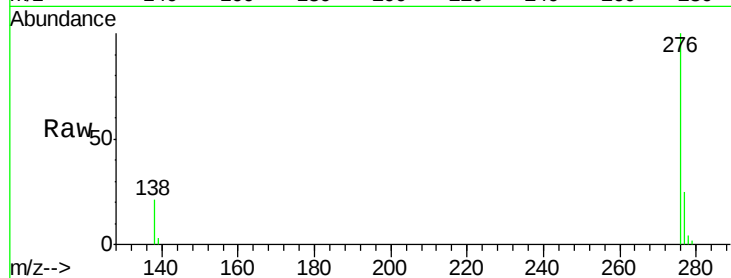
#26
 Benzo(a,h,i)perylene
 Concen: 1.809 ng/ul
 RT: 28.05 min Scan# 4964
 Delta R.T. 0.02 min
 Lab File: BE096100.D
 Acq: 24 Apr 2018 00:14

Instrument :
 BNA_E
 ClientSampleId :
 C0AB6

Tot Ion	Ratio	Lower	Upper
276	100		
138	20.7	21.8	32.8#
277	25.2	20.5	30.7

Manual Integrations
 APPROVED

Sohil
 4/24/2018 7:10:59 PM



Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

