

Data Path : Z:\HPCHEM1\BNA E\DATA\BE042318\
 Data File : BE096102.D
 Acq On : 24 Apr 2018 1:25
 Operator : SJ/JU
 Sample : J2434-06
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AC1

Manual Integrations
 APPROVED

Sohil
 4/24/2018 7:11:02 PM

Quant Time: Apr 24 15:16:20 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	2209	0.40	ng/ul	0.00
2) Naphthalene-d8	11.20	136	6181	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.97	164	3784	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.68	188	7820m	0.40	ng/ul	0.00
16) Chrysene-d12	21.77	240	7673m	0.40	ng/ul	0.00
20) Perylene-d12	24.40	264	7957m	0.40	ng/ul	0.03
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.76	152	2154	0.19	ng/ul	0.00
14) Fluoranthene-d10	19.66	212	5185m	0.16	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	11.25	128	29440	1.706	ng/ul#	89
5) 2-Methylnaphthalene	12.83	142	23012	1.966	ng/ul	100
7) Acenaphthylene	14.70	152	49999	2.549	ng/ul	96
8) Acenaphthene	15.03	153	5912	0.420	ng/ul#	90
9) Fluorene	15.99	166	8877	0.558	ng/ul	88
12) Phenanthrene	17.72	178	231621m	10.050	ng/ul	
13) Anthracene	17.81	178	105208m	4.587	ng/ul	
15) Fluoranthene	19.69	202	840185m	26.791	ng/ul	
17) Pyrene	20.05	202	1044012	40.042	ng/ul#	75
18) Benzo(a)anthracene	21.76	228	734233m	23.686	ng/ul	
19) Chrysene	21.82	228	689475	30.904	ng/ul	95
21) Benzo(b)fluoranthene	23.60	252	1264127m	49.096	ng/ul	
22) Benzo(k)fluoranthene	23.64	252	392556m	15.304	ng/ul	
23) Benzo(a)pyrene	24.29	252	603300	24.282	ng/ul#	76
24) Indeno(1,2,3-cd)pyrene	27.22	276	450076	16.300	ng/ul#	73
25) Dibenzo(a,h)anthracene	27.22	278	149133m	6.707	ng/ul	
26) Benzo(a,h,i)perylene	28.09	276	414836	17.986	ng/ul#	90

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

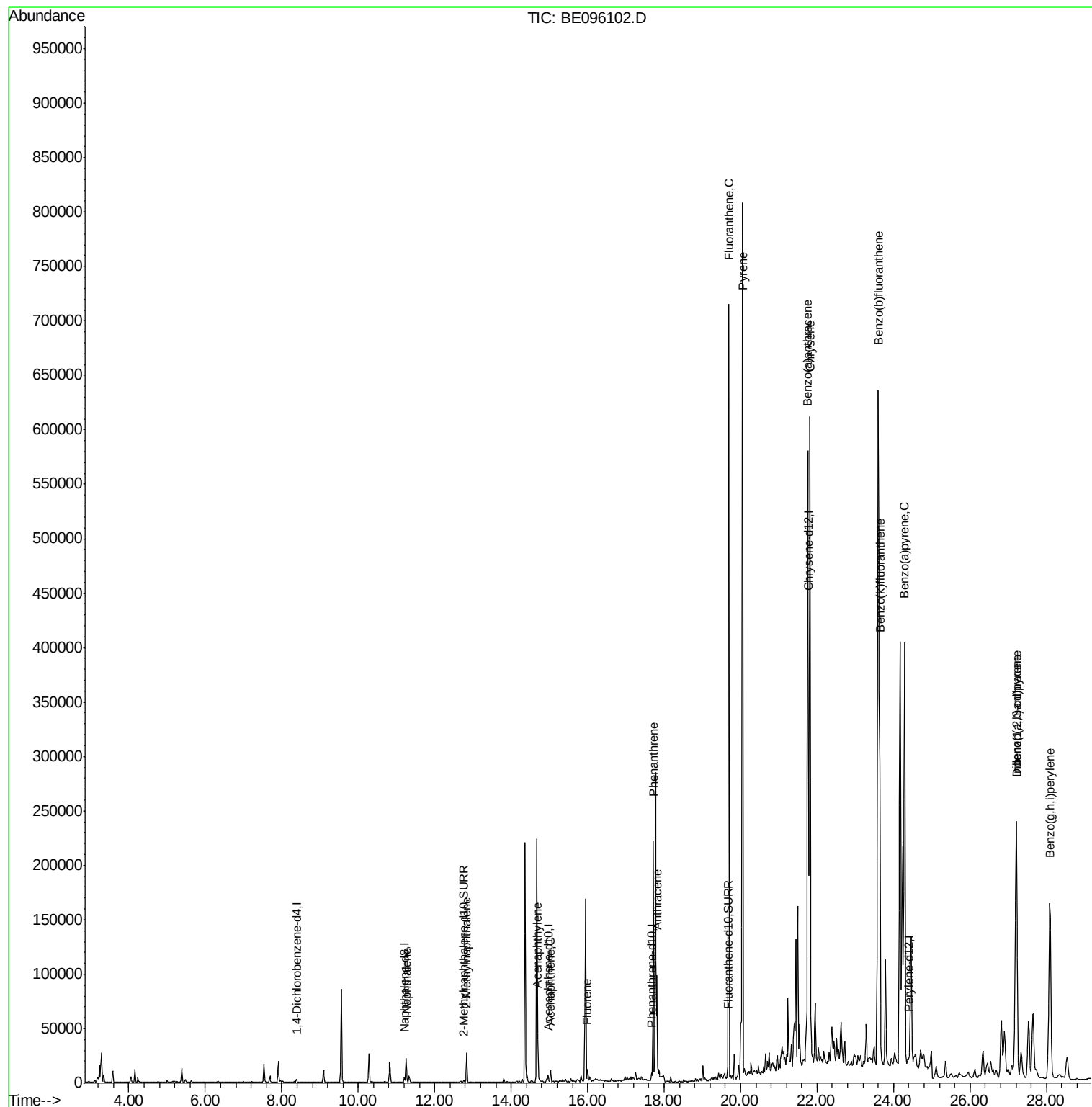
Data Path : Z:\HPCHEM1\BNA E\DATA\BE042318\
Data File : BE096102.D
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Sample : J2434-06
Misc :
ALS Vial : 27 Sample Multiplier: 1

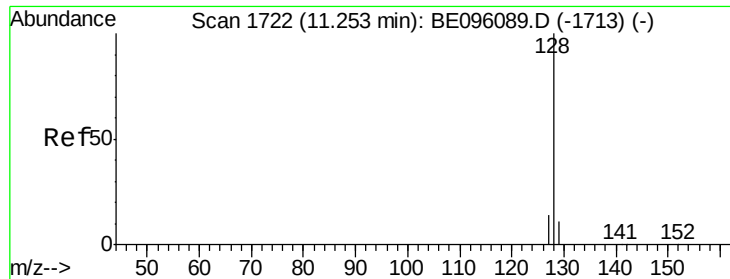
Instrument :
BNA_E
ClientSampleId :
C0AC1

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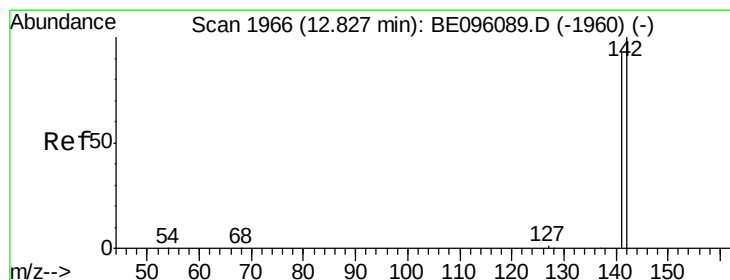
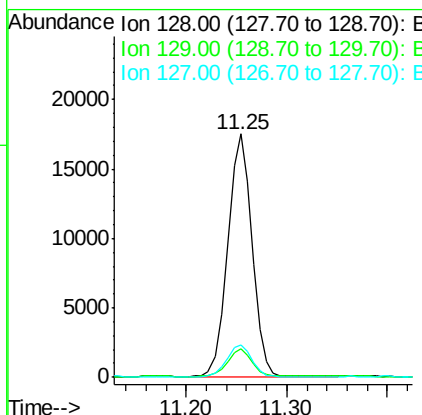
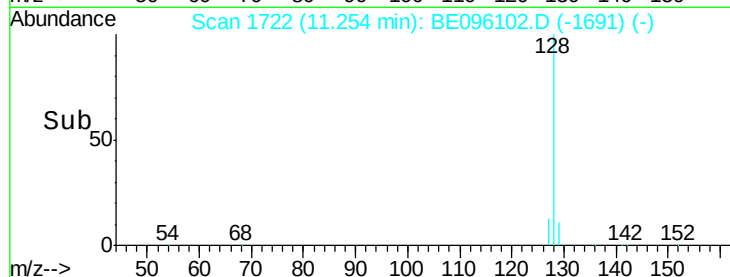
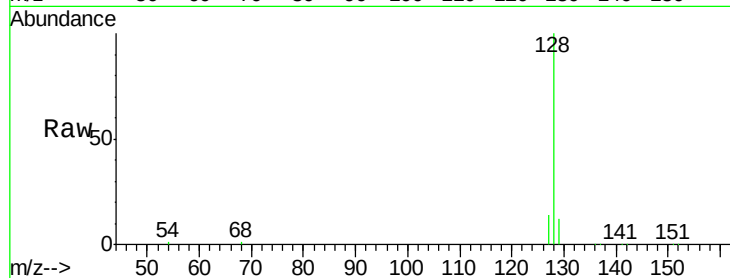
#3
Naphthalene
Concen: 1.706 ng/ul
RT: 11.25 min Scan# 1722
Delta R.T. 0.00 min
Lab File: BE096102.D
Acq: 24 Apr 2018 1:25

Instrument :
BNA_E
ClientSampleId :
C0AC1

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.5	11.3	16.9
127	13.6	4.0	6.0

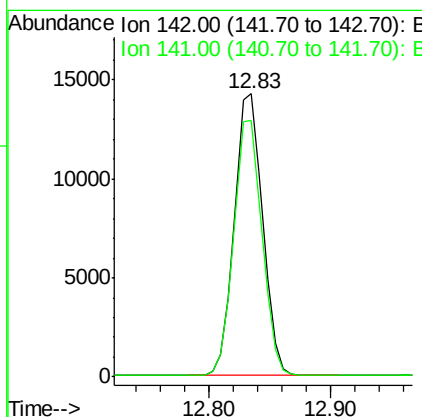
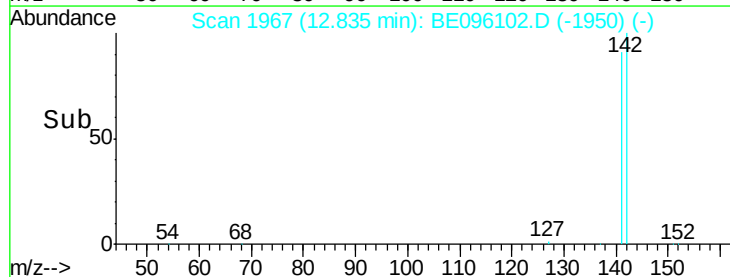
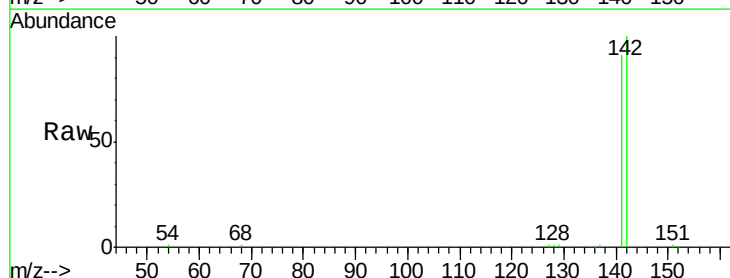
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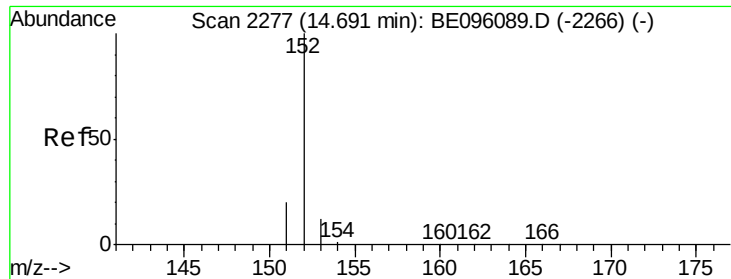
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#5
2-Methylnaphthalene
Concen: 1.966 ng/ul
RT: 12.83 min Scan# 1967
Delta R.T. 0.01 min
Lab File: BE096102.D
Acq: 24 Apr 2018 1:25

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.9	72.6	108.8





#7

Acenaphthylene

Concen: 2.549 ng/ul

RT: 14.70 min Scan# 2278

Delta R.T. 0.01 min

Lab File: BE096102.D

Acq: 24 Apr 2018 1:25

Instrument :

BNA_E

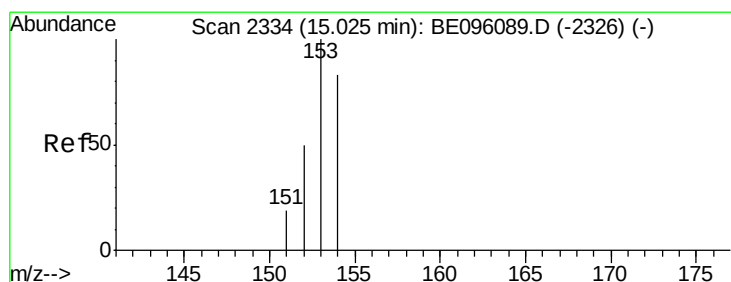
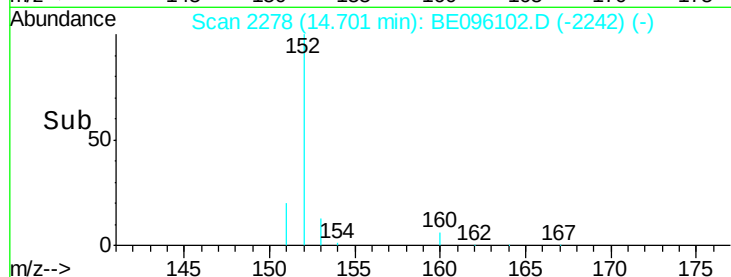
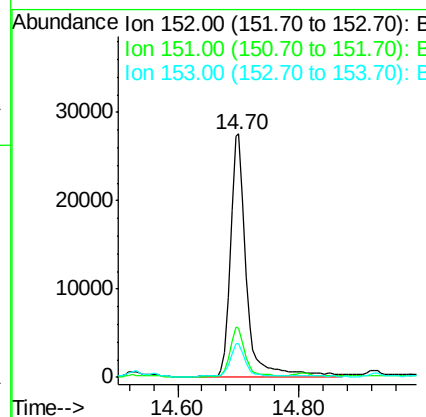
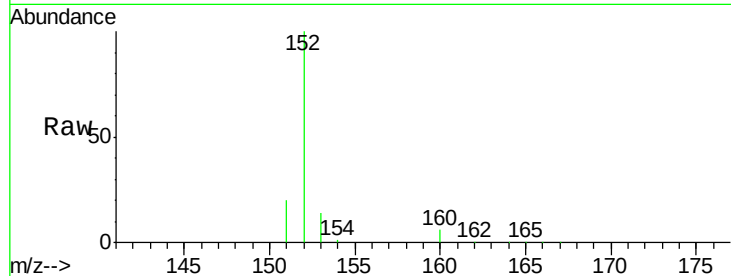
ClientSampled :

C0AC1

Tot Ion:	152	Resp:	49999
Ion Ratio	Lower	Upper	
152	100		
151	20.4	17.1	25.7
153	13.7	12.8	19.2

Manual Integrations
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#8

Acenaphthene

Concen: 0.420 ng/ul

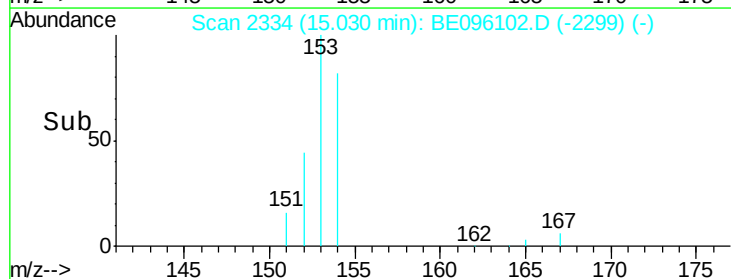
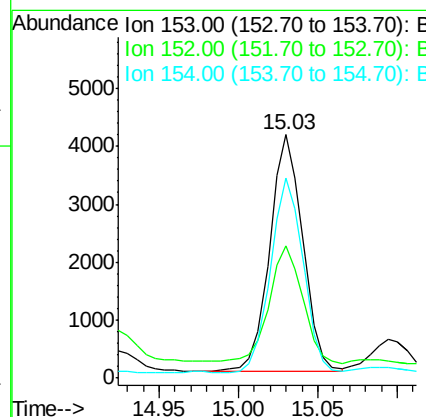
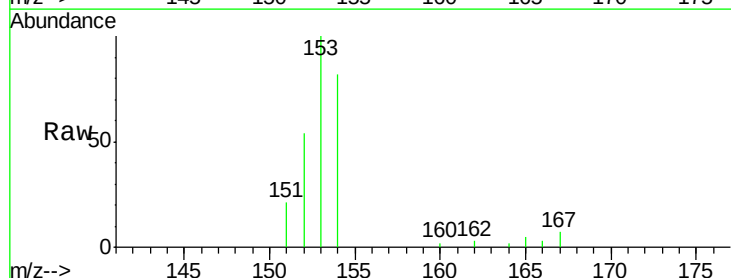
RT: 15.03 min Scan# 2334

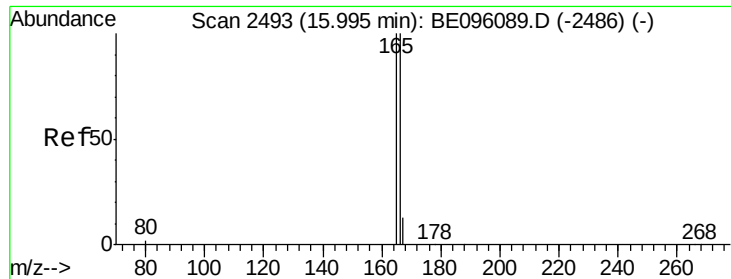
Delta R.T. 0.00 min

Lab File: BE096102.D

Acq: 24 Apr 2018 1:25

Tgt Ion:	153	Resp:	5912
Ion Ratio	Lower	Upper	
153	100		
152	54.3	36.0	54.0#
154	82.3	72.0	108.0





#9

Fluorene

Concen: 0.558 ng/ul

RT: 15.99 min Scan# 2492

Delta R.T. -0.00 min

Lab File: BE096102.D

Acq: 24 Apr 2018 1:25

Instrument :

BNA_E

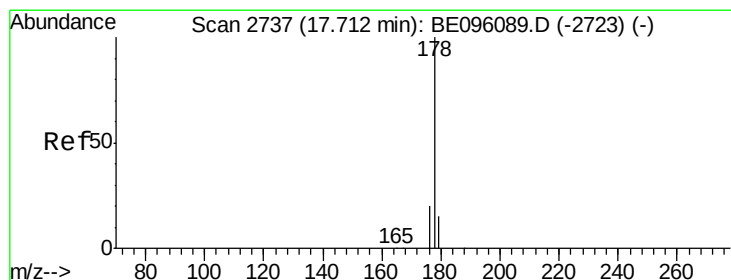
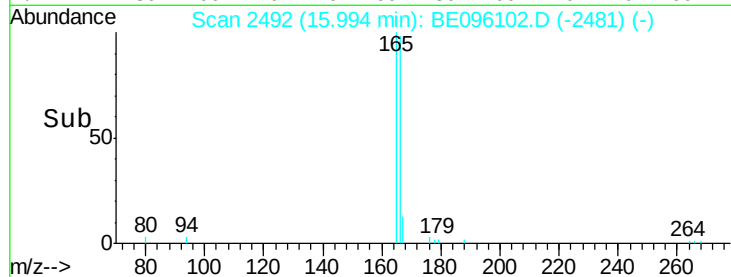
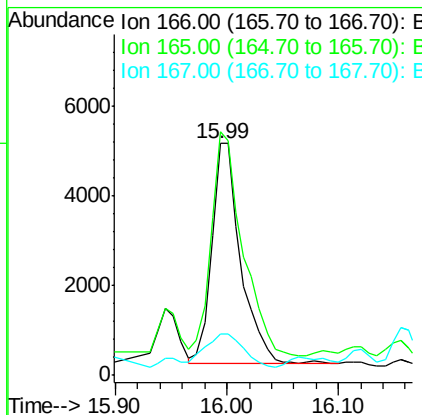
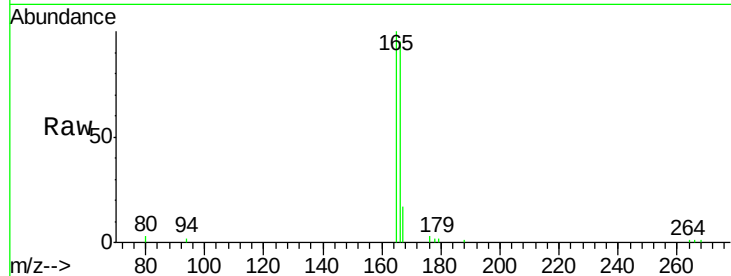
ClientSampleId :

C0AC1

Tot Ion:	166	Resp:	8877
Ion Ratio	Lower	Upper	
166	100		
165	105.0	73.4	110.2
167	17.8	14.6	22.0

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#12

Phenanthrene

Concen: 10.050 ng/ul m

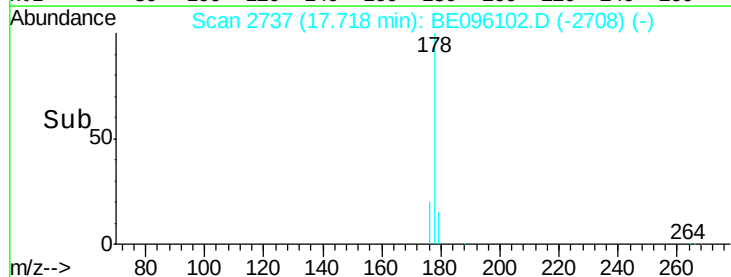
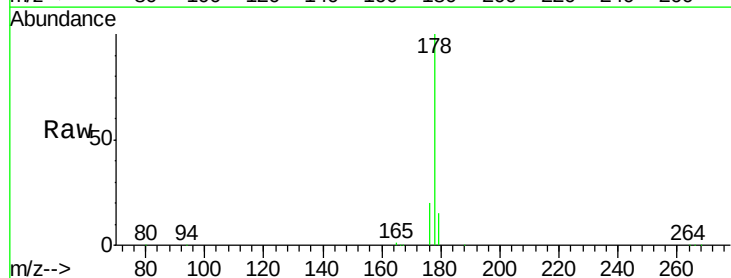
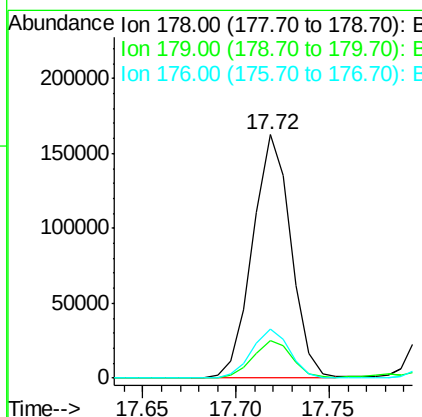
RT: 17.72 min Scan# 2737

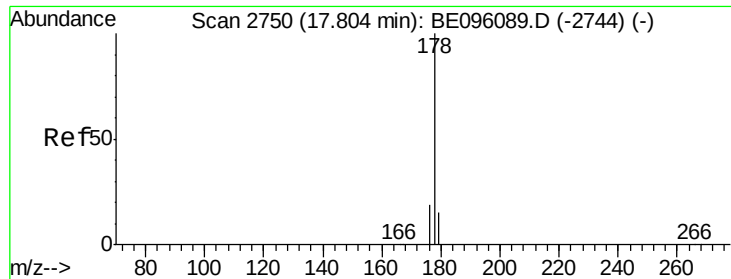
Delta R.T. 0.01 min

Lab File: BE096102.D

Acq: 24 Apr 2018 1:25

Tgt Ion:	178	Resp:	231621
Ion Ratio	Lower	Upper	
178	100		
179	15.4	18.4	27.6#
176	20.2	13.6	20.4





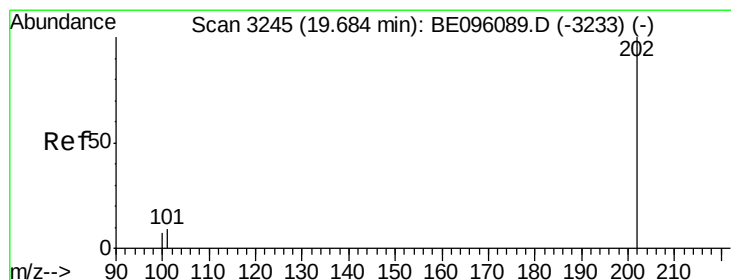
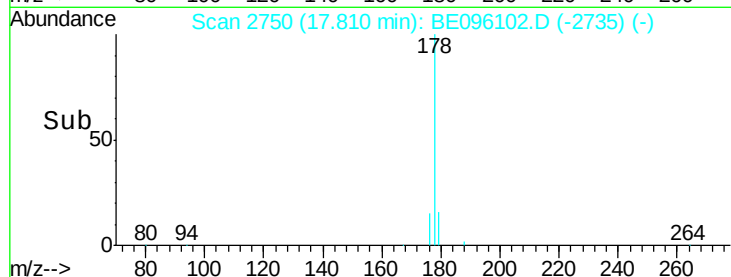
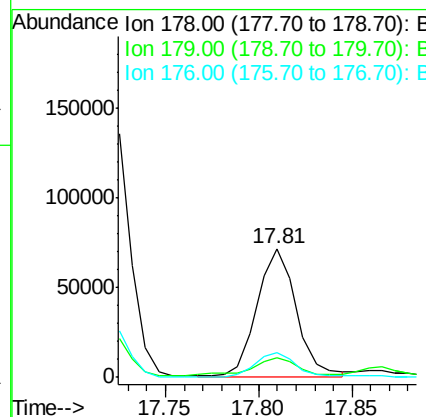
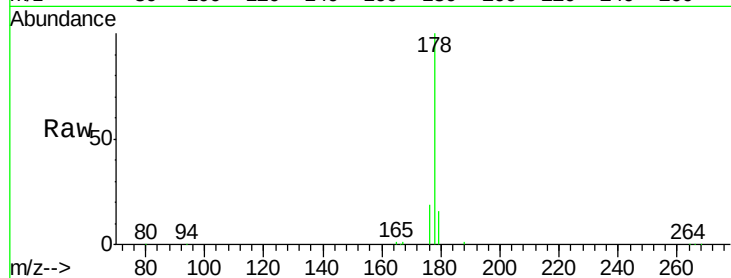
#13
 Anthracene
 Concen: 4.587 ng/ul m
 RT: 17.81 min Scan# 2750
 Delta R.T. 0.01 min
 Lab File: BE096102.D
 Acq: 24 Apr 2018 1:25

Instrument :
 BNA_E
 ClientSampleId :
 C0AC1

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.7	18.1	27.1#
176	19.4	14.7	22.1

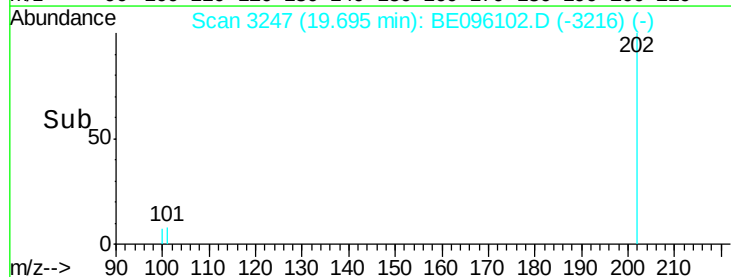
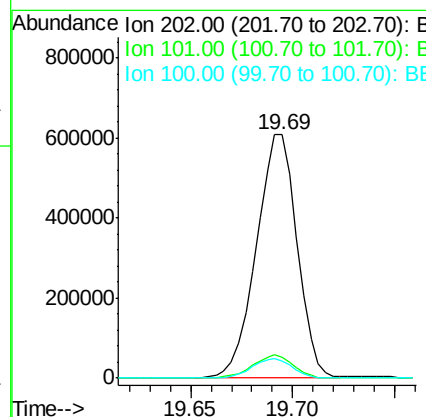
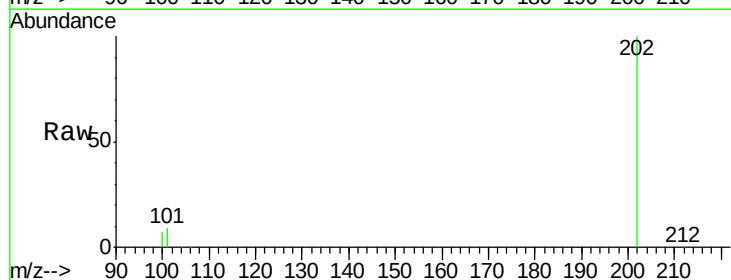
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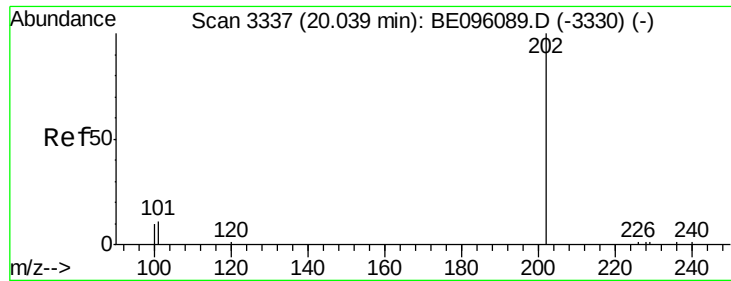
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#15
 Fluoranthene
 Concen: 26.791 ng/ul m
 RT: 19.69 min Scan# 3247
 Delta R.T. 0.01 min
 Lab File: BE096102.D
 Acq: 24 Apr 2018 1:25

Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.6	0.0	30.3
100	7.1	0.0	39.5





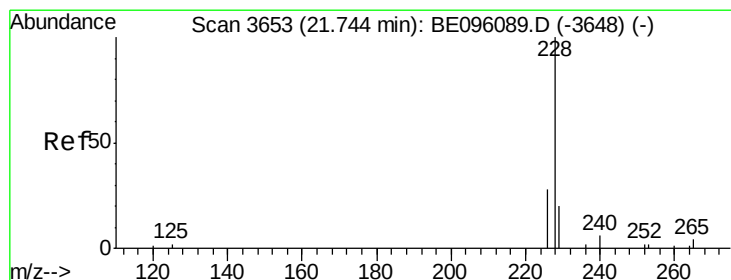
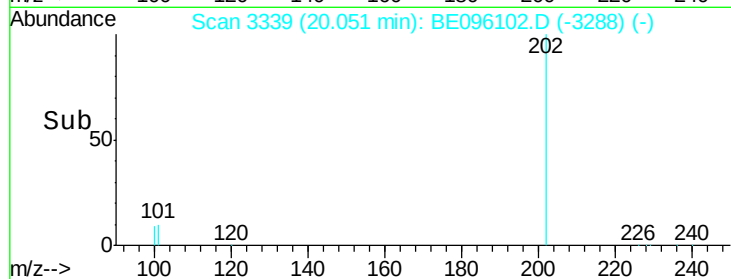
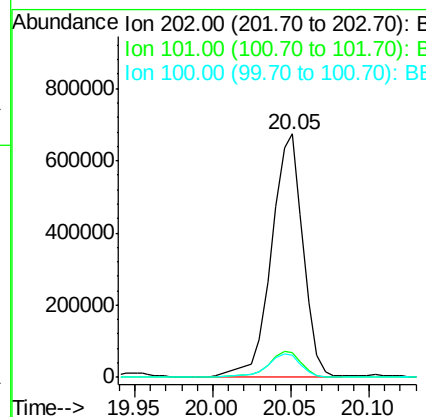
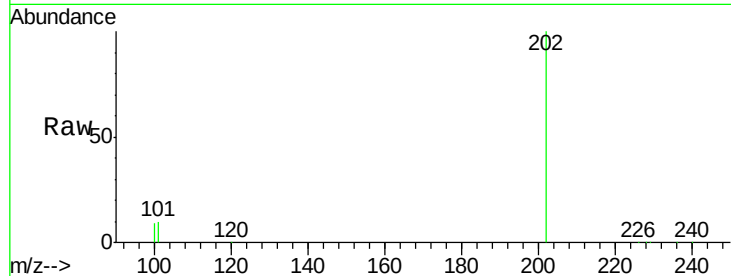
#17
Pvrene
Concen: 40.042 ng/ul
RT: 20.05 min Scan# 3339
Delta R.T. 0.01 min
Lab File: BE096102.D
Acq: 24 Apr 2018 1:25

Instrument :
BNA_E
ClientSampleId :
C0AC1

Tot Ion	Ratio	Lower	Upper
202	100		
101	10.3	18.2	27.4#
100	9.0	15.6	23.4#

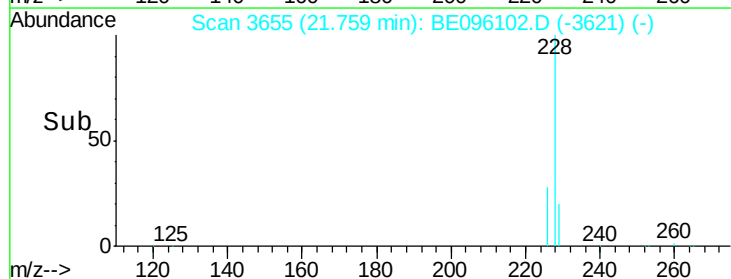
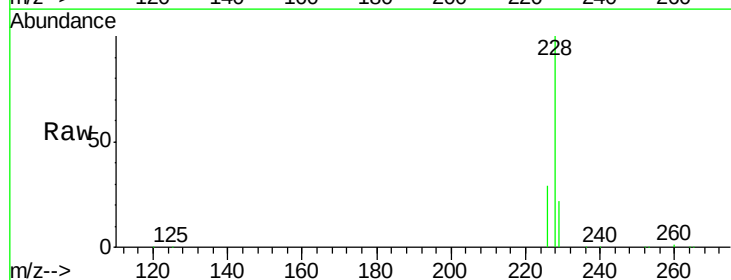
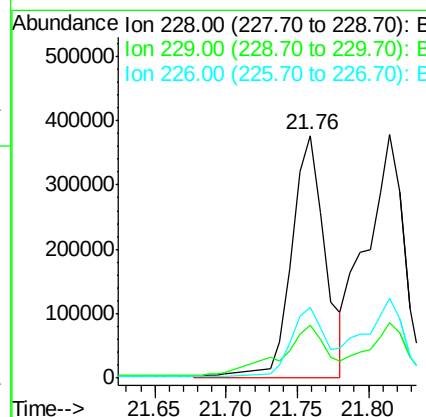
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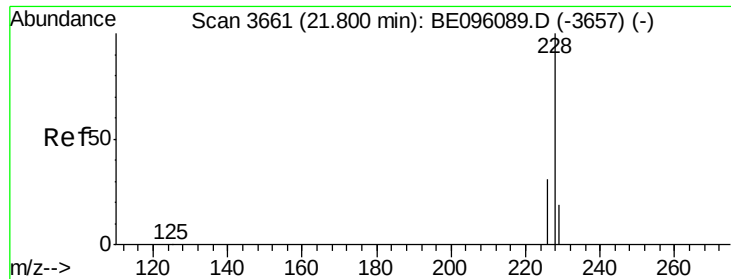
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#18
Benzo(a)anthracene
Concen: 23.686 ng/ul m
RT: 21.76 min Scan# 3655
Delta R.T. 0.01 min
Lab File: BE096102.D
Acq: 24 Apr 2018 1:25

Tgt Ion	Ratio	Lower	Upper
228	100		
229	21.7	22.8	34.2#
226	29.2	17.0	25.6#





#19

Chrysene

Concen: 30.904 ng/ul

RT: 21.82 min Scan# 3663

Delta R.T. 0.01 min

Lab File: BE096102.D

Acq: 24 Apr 2018 1:25

Instrument :

BNA_E

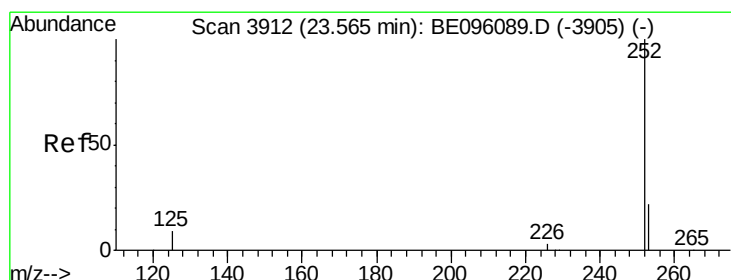
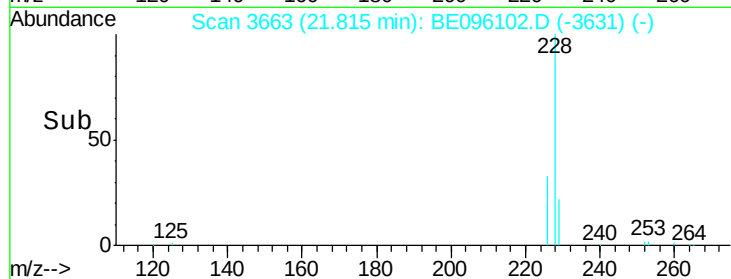
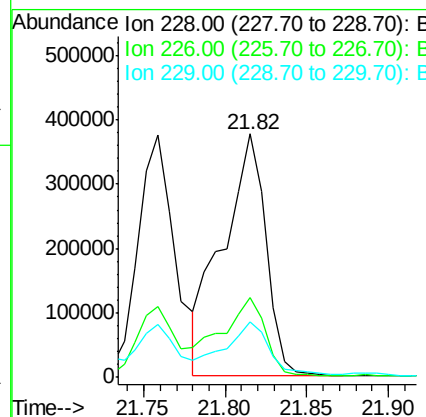
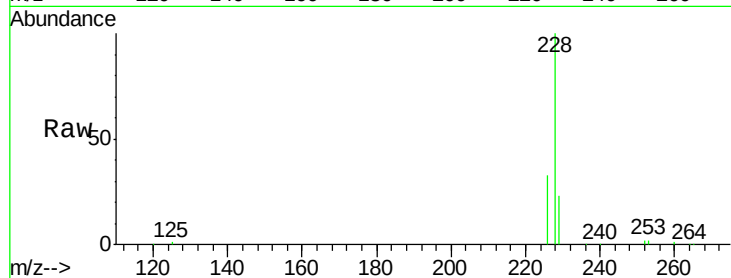
ClientSampled :

C0AC1

Tot Ion:	228	Resp:	689475
Ion Ratio	Lower	Upper	
228	100		
226	33.0	23.4	35.0
229	22.7	17.7	26.5

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#21

Benzo(b)fluoranthene

Concen: 49.096 ng/ul m

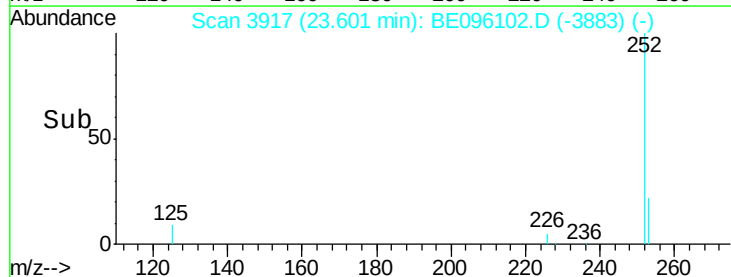
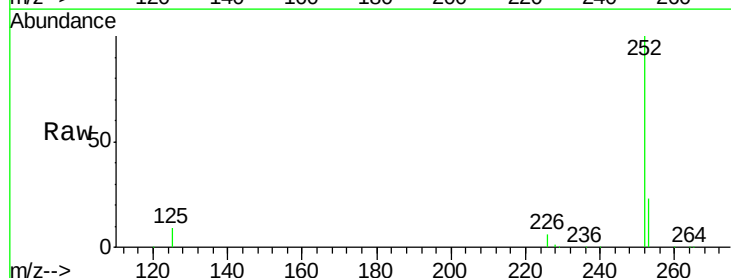
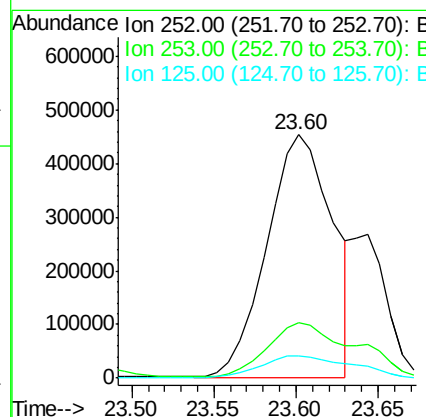
RT: 23.60 min Scan# 3917

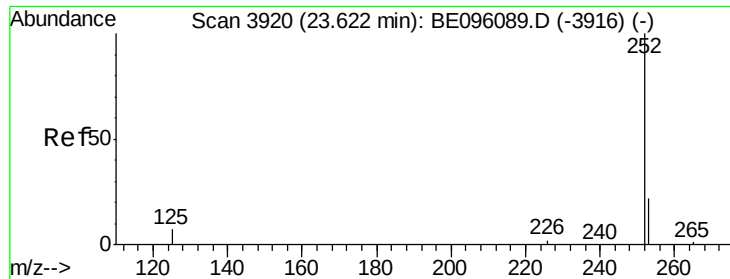
Delta R.T. 0.04 min

Lab File: BE096102.D

Acq: 24 Apr 2018 1:25

Tgt Ion:	252	Resp:	1264127
Ion Ratio	Lower	Upper	
252	100		
253	22.8	0.0	64.2
125	9.3	0.0	35.0





#22

Benzo(k)fluoranthene

Concen: 15.304 ng/ul m

RT: 23.64 min Scan# 3923

Delta R.T. 0.02 min

Lab File: BE096102.D

Acq: 24 Apr 2018 1:25

Instrument :

BNA_E

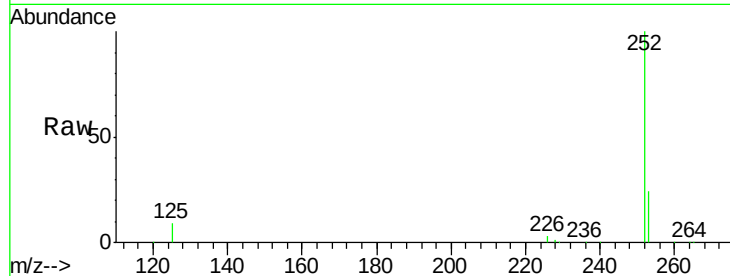
ClientSampled :

C0AC1

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	23.5	24.5	36.7#
125	8.6	13.7	20.5#

Manual Integrations
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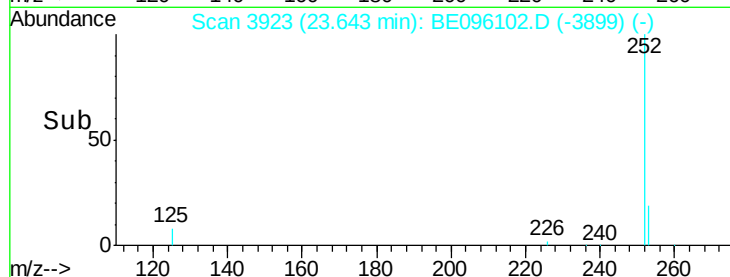
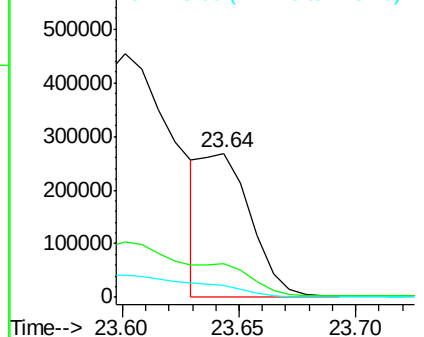
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Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#23

Benzo(a)pyrene

Concen: 24.282 ng/ul

RT: 24.29 min Scan# 4015

Delta R.T. 0.03 min

Lab File: BE096102.D

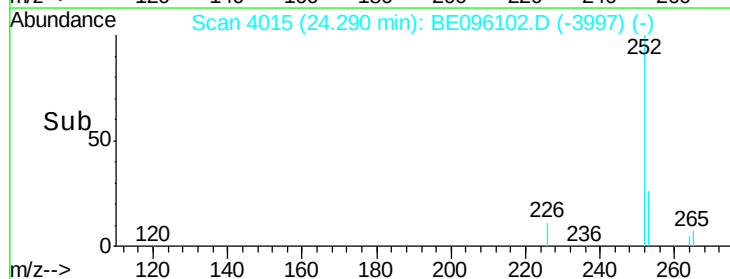
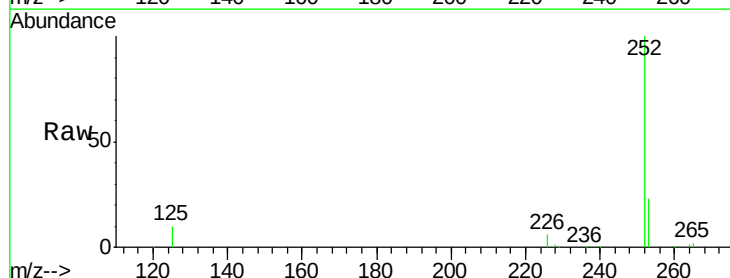
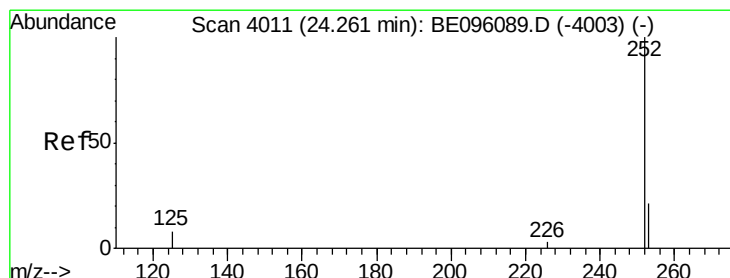
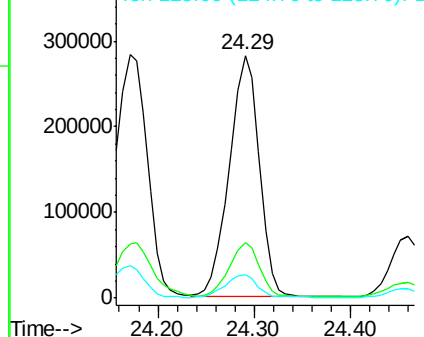
Acq: 24 Apr 2018 1:25

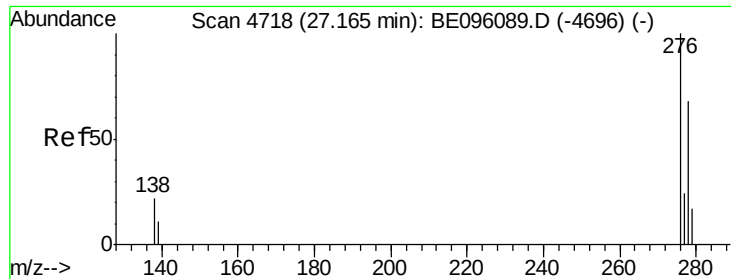
Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	22.8	28.5	42.7#
125	9.8	18.1	27.1#

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





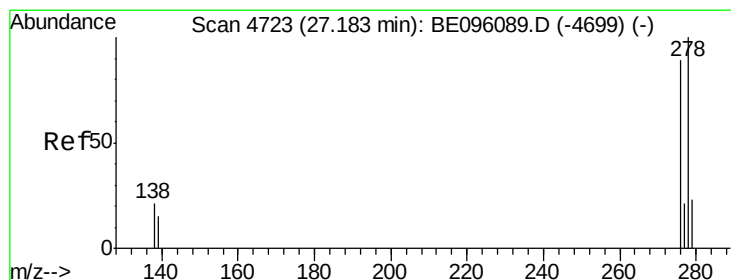
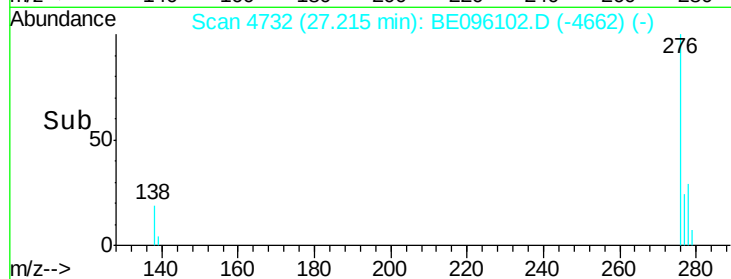
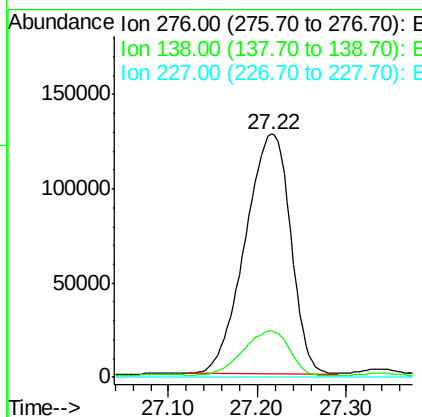
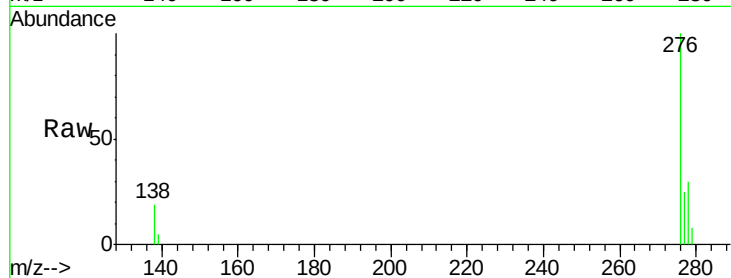
#24
Indeno(1,2,3-cd)pyrene
Concen: 16.300 ng/ul
RT: 27.22 min Scan# 4732
Delta R.T. 0.05 min
Lab File: BE096102.D
Acq: 24 Apr 2018 1:25

Instrument :
BNA_E
ClientSampleId :
C0AC1

Tot Ion	Ratio	Lower	Upper
276	100		
138	19.3	28.0	42.0#
227	0.0	8.0	12.0#

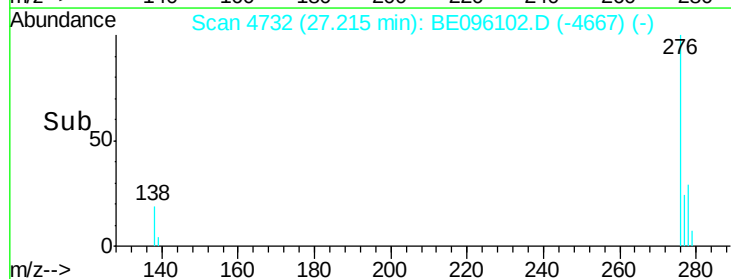
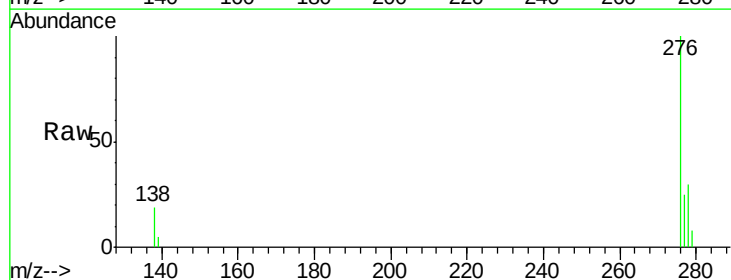
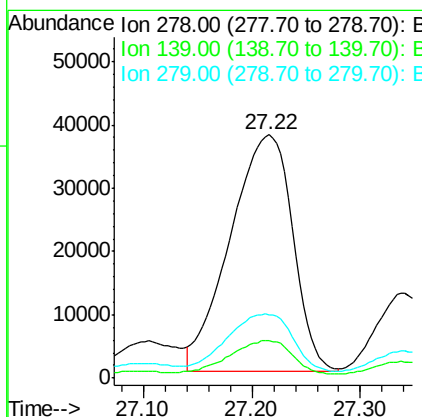
Manual Integrations
APPROVED

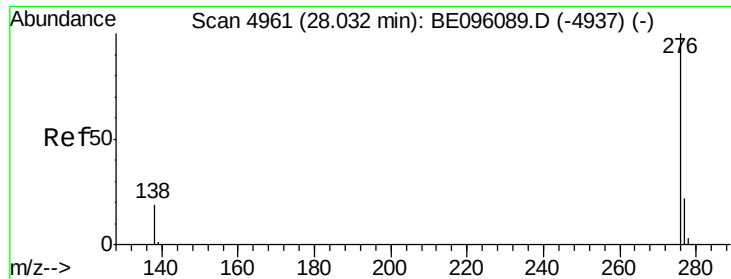
Sohil
4/24/2018 7:11:02 PM



#25
Dibenzo(a,h)anthracene
Concen: 6.707 ng/ul m
RT: 27.22 min Scan# 4732
Delta R.T. 0.03 min
Lab File: BE096102.D
Acq: 24 Apr 2018 1:25

Tgt Ion	Ratio	Lower	Upper
278	100		
139	15.5	17.4	26.0#
279	26.2	25.9	38.9





#26
 Benzo(a,h,i)perylene
 Concen: 17.986 ng/ul
 RT: 28.09 min Scan# 4977
 Delta R.T. 0.06 min
 Lab File: BE096102.D
 Acq: 24 Apr 2018 1:25

Instrument :
 BNA_E
 ClientSampleId :
 C0AC1

Tot Ion	Ratio	Lower	Upper
276	100		
138	19.1	21.8	32.8#
277	24.1	20.5	30.7

Manual Integrations
 APPROVED

Sohil
 4/24/2018 7:11:02 PM

