

Data Path : Z:\HPCHEM1\BNA E\DATA\BE042018\
 Data File : BE096067.D
 Acq On : 21 Apr 2018 7:13
 Operator : SJ/JU
 Sample : J2434-15
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AD0

Manual Integrations
 APPROVED

Sohil
 4/23/2018 6:44:26 PM

Quant Time: Apr 23 02:55:18 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	2145	0.40	ng/ul	0.00
2) Naphthalene-d8	11.20	136	6178	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.97	164	3570	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.68	188	7661m	0.40	ng/ul	0.00
16) Chrysene-d12	21.77	240	7571m	0.40	ng/ul	0.00
20) Perylene-d12	24.38	264	8213	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.76	152	1838	0.16	ng/ul	0.00
14) Fluoranthene-d10	19.66	212	4829m	0.15	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	11.25	128	1295	0.075	ng/ul#	84
5) 2-Methylnaphthalene	12.83	142	501	0.043	ng/ul	99
7) Acenaphthylene	14.70	152	1843	0.100	ng/ul	94
8) Acenaphthene	15.03	153	1226	0.092	ng/ul	95
9) Fluorene	15.99	166	1205	0.080	ng/ul	90
12) Phenanthrene	17.72	178	27411m	1.214	ng/ul	
13) Anthracene	17.81	178	5790m	0.258	ng/ul	
15) Fluoranthene	19.68	202	85983m	2.799	ng/ul	
17) Pyrene	20.04	202	79418	3.087	ng/ul#	79
18) Benzo(a)anthracene	21.75	228	61008m	1.995	ng/ul	
19) Chrysene	21.80	228	44092	2.003	ng/ul	97
21) Benzo(b)fluoranthene	23.57	252	71548m	2.692	ng/ul	
22) Benzo(k)fluoranthene	23.62	252	20901m	0.789	ng/ul	
23) Benzo(a)pyrene	24.26	252	48962	1.909	ng/ul#	78
24) Indeno(1,2,3-cd)pyrene	27.17	276	34195	1.200	ng/ul#	73
25) Dibenzo(a,h)anthracene	27.18	278	8915	0.388	ng/ul	97
26) Benzo(a,h,i)perylene	28.04	276	33594	1.411	ng/ul#	94

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

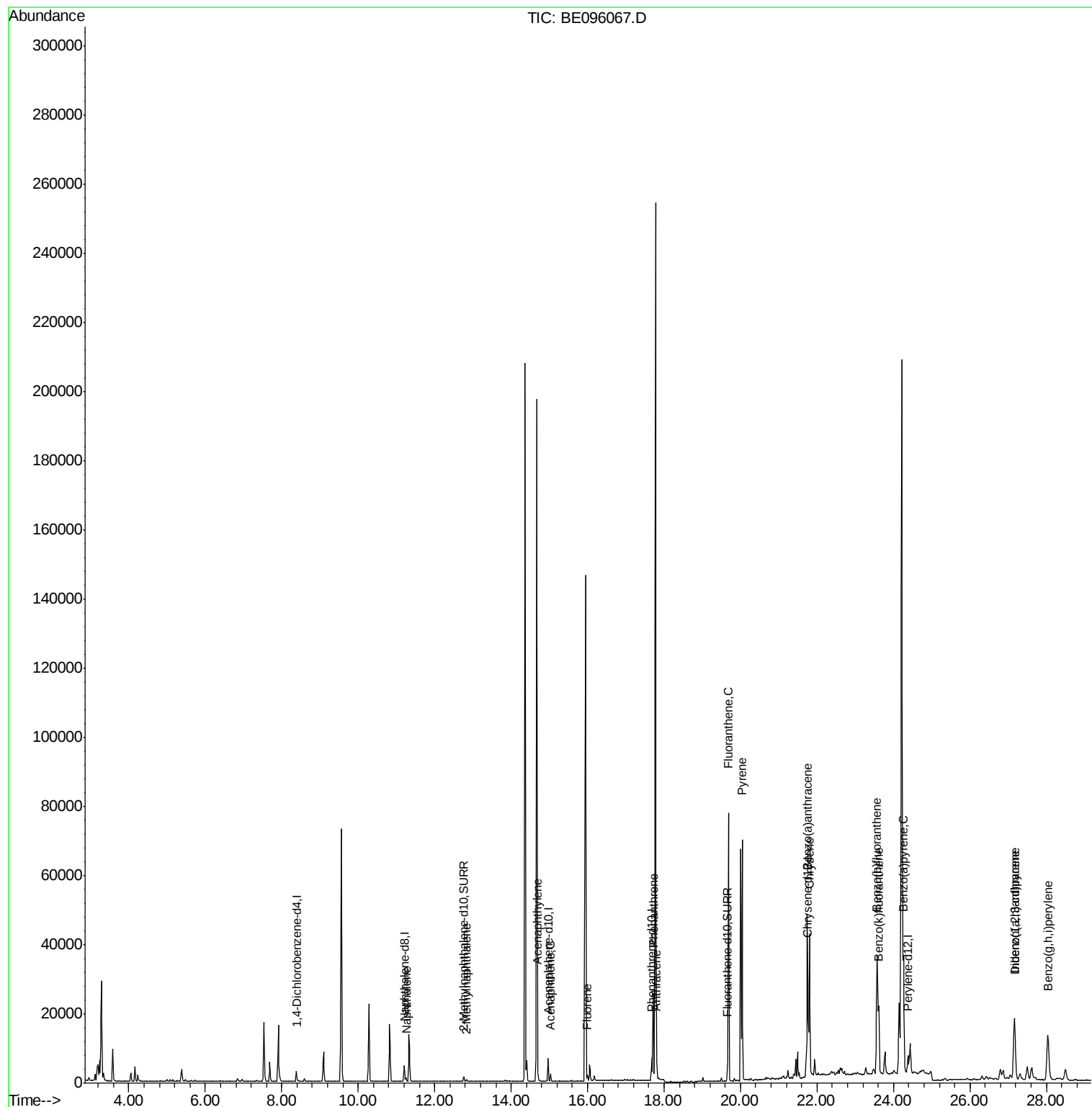
Data Path : Z:\HPCHEM1\BNA E\DATA\BE042018\
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ALS Vial : 24 Sample Multiplier: 1

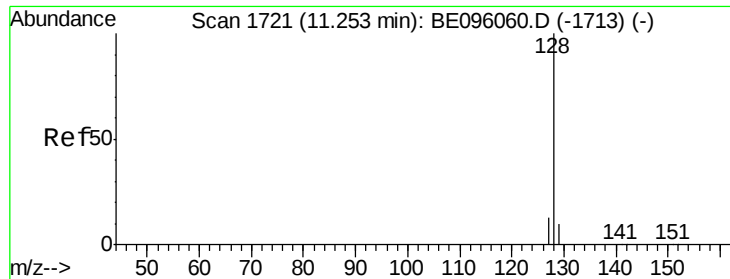
Instrument :
BNA_E
ClientSampleId :
C0AD0

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Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE040618.M
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QLast Update : Mon Apr 23 01:07:45 2018
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#3

Naphthalene

Concen: 0.075 ng/ul

RT: 11.25 min Scan# 1721

Delta R.T. -0.00 min

Lab File: BE096067.D

Acq: 21 Apr 2018 7:13

Instrument :

BNA_E

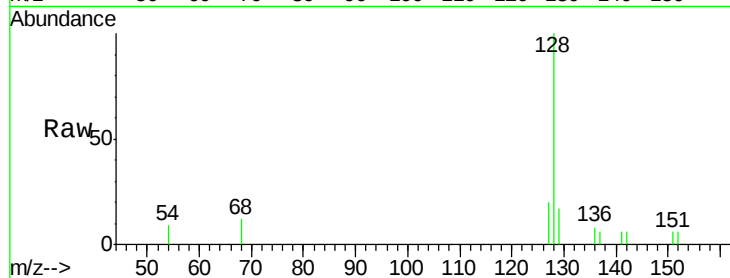
ClientSampleId :

C0AD0

Tot Ion	Ratio	Lower	Upper
128	100		
129	16.7	11.3	16.9
127	19.9	4.0	6.0

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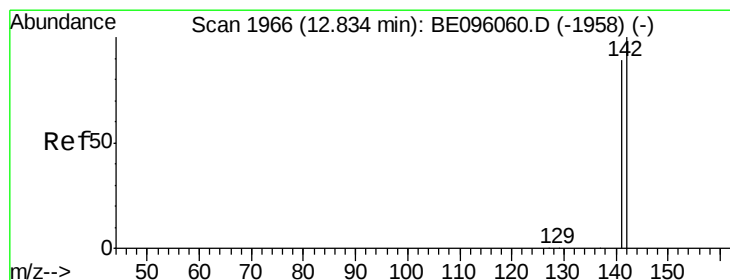
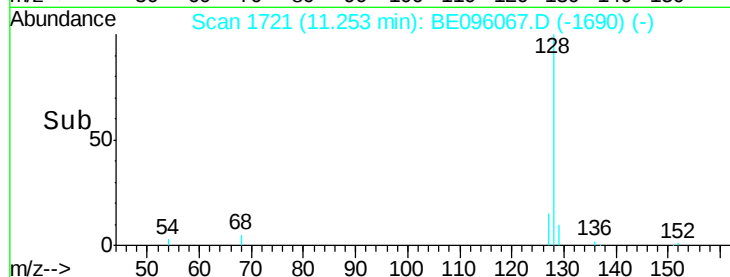
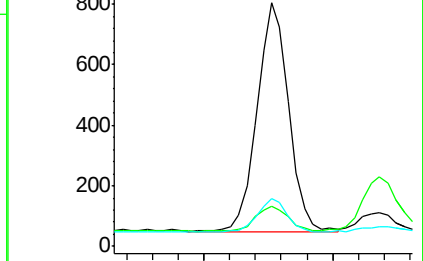
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#5

2-Methylnaphthalene

Concen: 0.043 ng/ul

RT: 12.83 min Scan# 1966

Delta R.T. -0.00 min

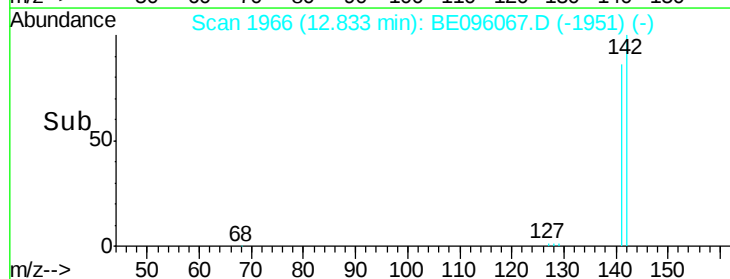
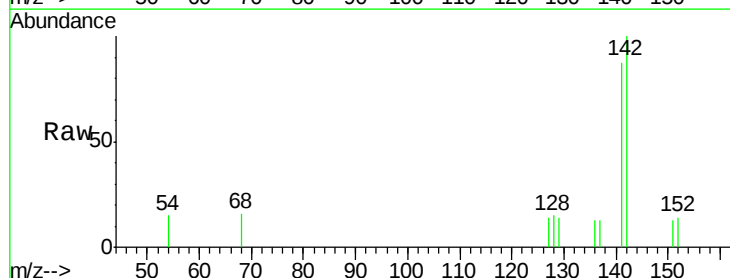
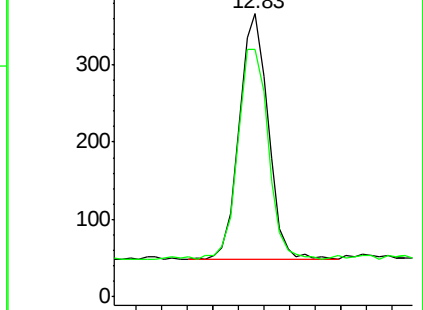
Lab File: BE096067.D

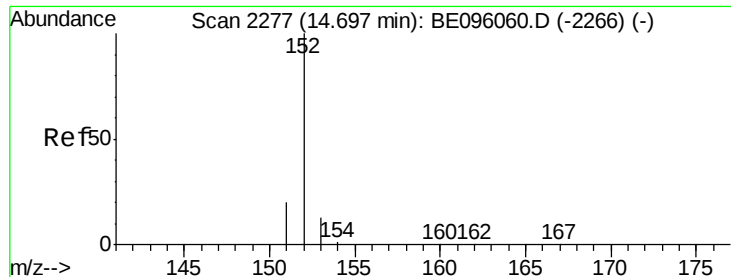
Acq: 21 Apr 2018 7:13

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.2	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: 0.100 ng/ul

RT: 14.70 min Scan# 2277

Delta R.T. -0.00 min

Lab File: BE096067.D

Acq: 21 Apr 2018 7:13

Instrument :

BNA_E

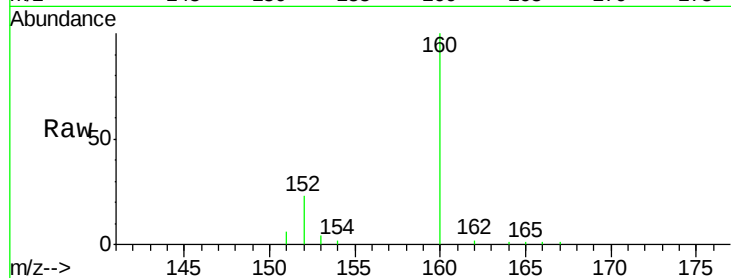
ClientSampled :

C0AD0

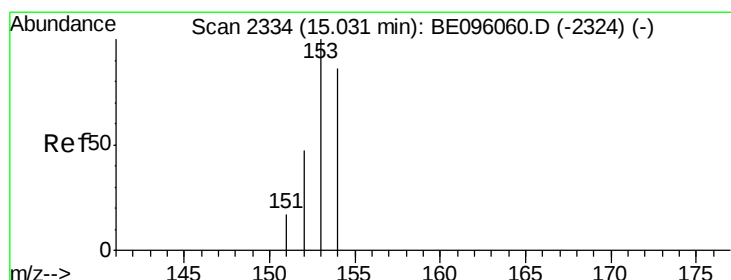
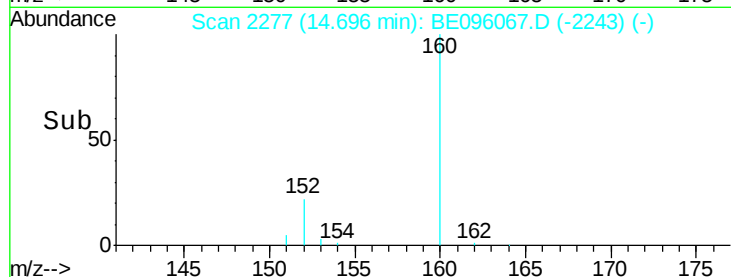
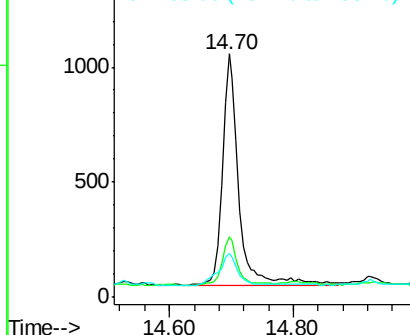
Tot Ion:	152	Resp:	1843
Ion Ratio	Lower	Upper	
152	100		
151	24.8	17.1	25.7
153	17.8	12.8	19.2

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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#8

Acenaphthene

Concen: 0.092 ng/ul

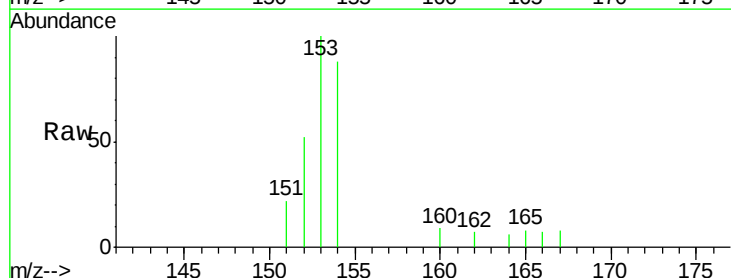
RT: 15.03 min Scan# 2334

Delta R.T. -0.00 min

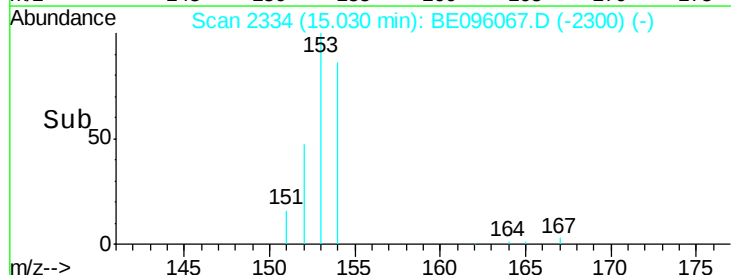
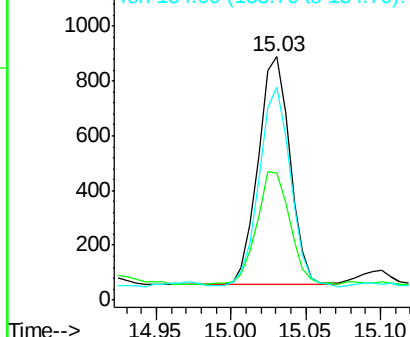
Lab File: BE096067.D

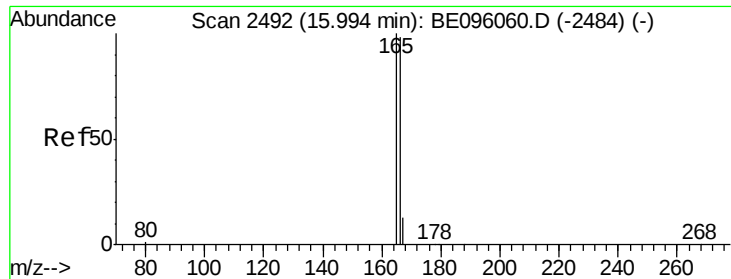
Acq: 21 Apr 2018 7:13

Tgt Ion:	153	Resp:	1226
Ion Ratio	Lower	Upper	
153	100		
152	52.0	36.0	54.0
154	87.6	72.0	108.0



Abundance Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E
Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 0.080 ng/ul

RT: 15.99 min Scan# 2492

Delta R.T. 0.00 min

Lab File: BE096067.D

Acq: 21 Apr 2018 7:13

Instrument :

BNA_E

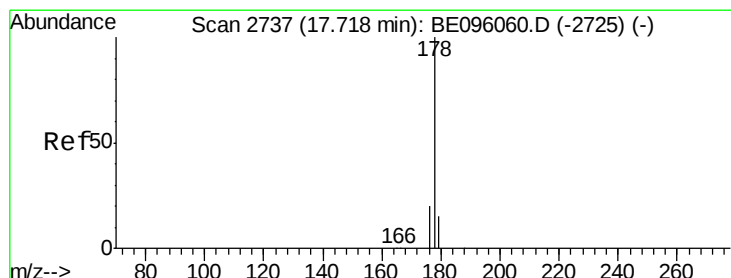
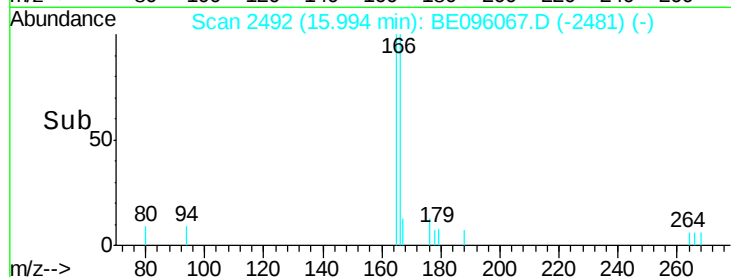
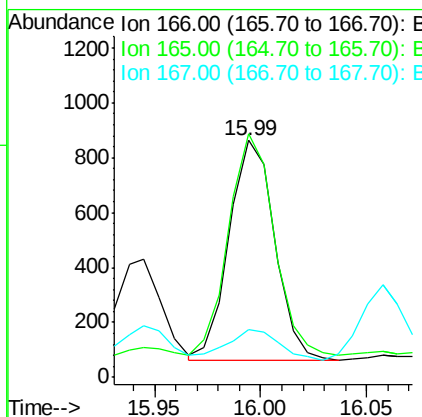
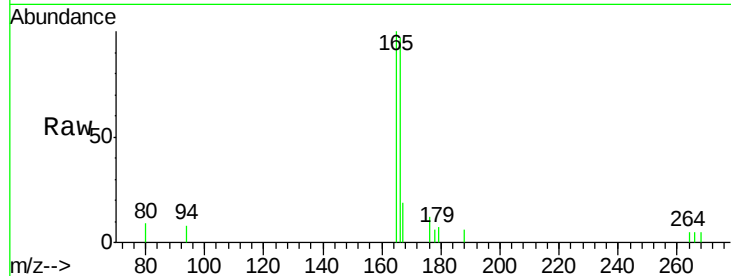
ClientSampleId :

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Tot Ion:	166	Resp:	1205
Ion Ratio	Lower	Upper	
166	100		
165	102.8	73.4	110.2
167	19.9	14.6	22.0

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#12

Phenanthrene

Concen: 1.214 ng/ul m

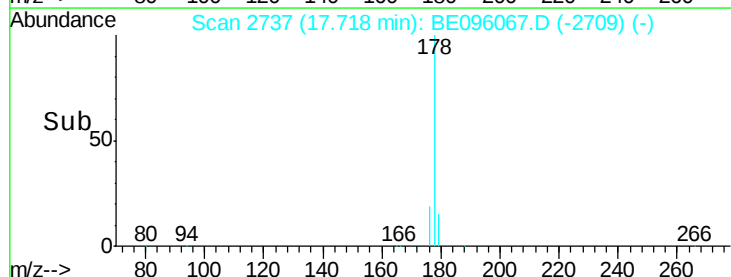
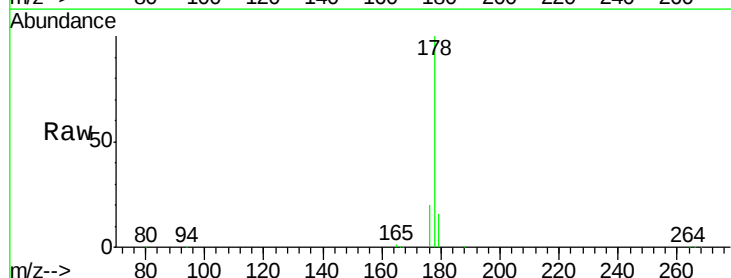
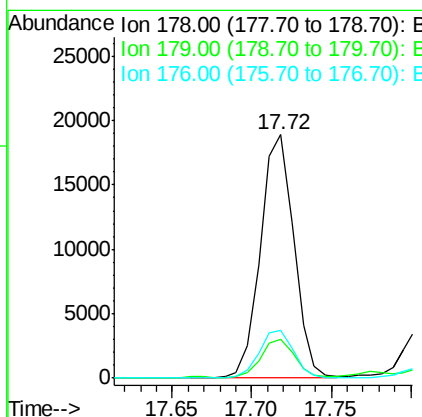
RT: 17.72 min Scan# 2737

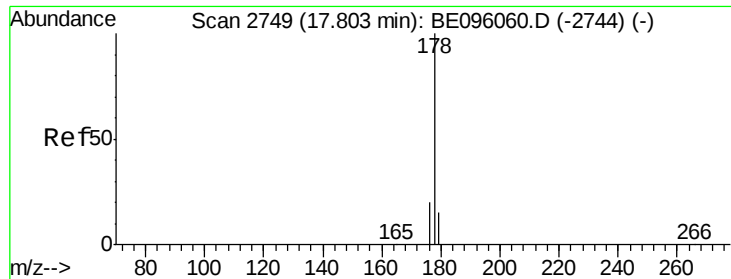
Delta R.T. 0.00 min

Lab File: BE096067.D

Acq: 21 Apr 2018 7:13

Tgt Ion:	178	Resp:	27411
Ion Ratio	Lower	Upper	
178	100		
179	15.8	18.4	27.6#
176	19.7	13.6	20.4





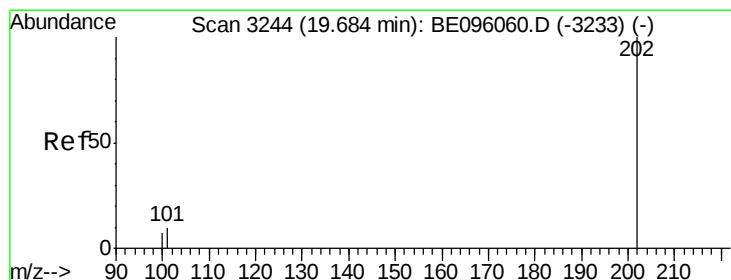
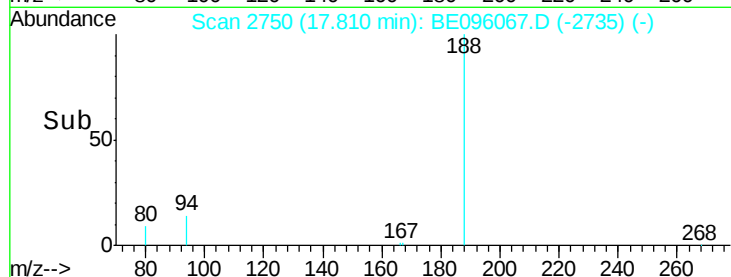
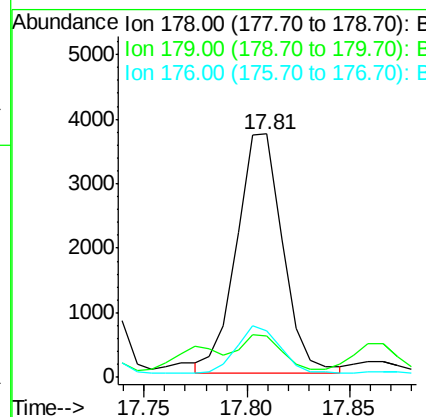
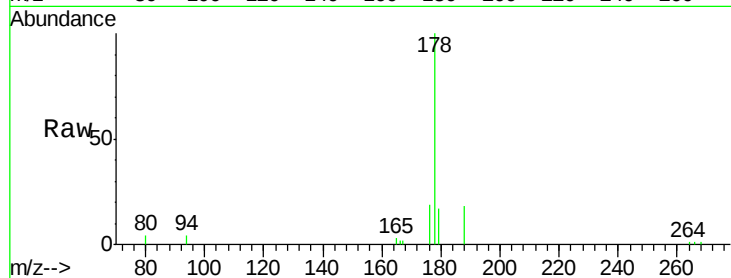
#13
 Anthracene
 Concen: 0.258 ng/ul m
 RT: 17.81 min Scan# 2750
 Delta R.T. 0.01 min
 Lab File: BE096067.D
 Acq: 21 Apr 2018 7:13

Instrument :
 BNA_E
 ClientSampleId :
 C0AD0

Tot Ion	Ratio	Lower	Upper
178	100		
179	17.2	18.1	27.1#
176	19.3	14.7	22.1

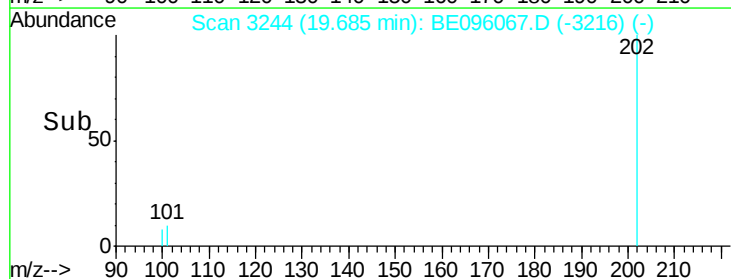
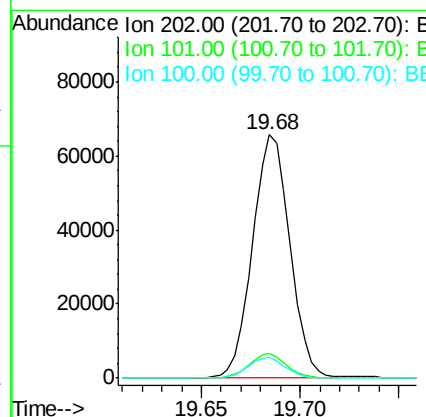
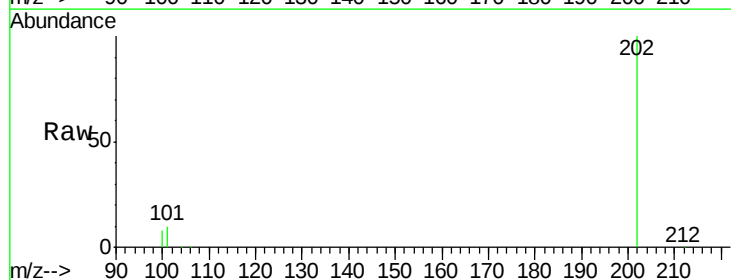
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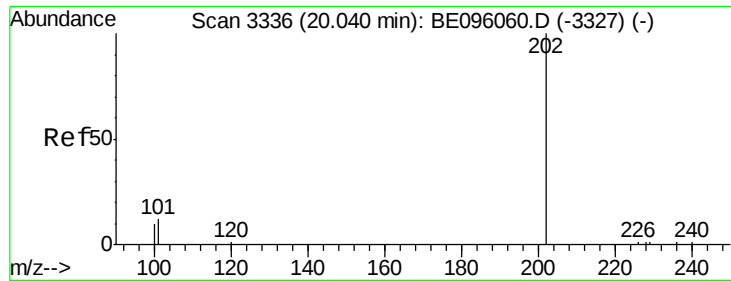
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#15
 Fluoranthene
 Concen: 2.799 ng/ul m
 RT: 19.68 min Scan# 3244
 Delta R.T. 0.00 min
 Lab File: BE096067.D
 Acq: 21 Apr 2018 7:13

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.0	0.0	30.3
100	8.4	0.0	39.5





#17

Pvrene

Concen: 3.087 ng/ul

RT: 20.04 min Scan# 3336

Delta R.T. -0.00 min

Lab File: BE096067.D

Acq: 21 Apr 2018 7:13

Instrument :

BNA_E

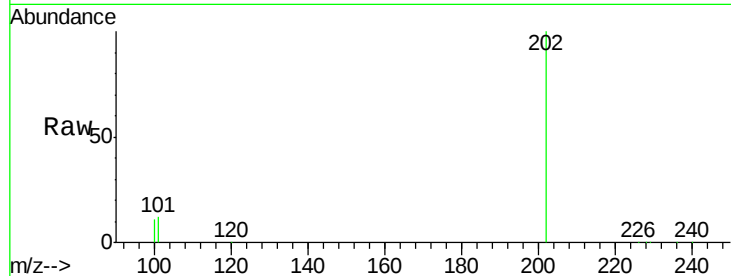
ClientSampleId :

C0AD0

Tot Ion:	202	Resp:	79418
Ion Ratio	Lower	Upper	
202	100		
101	12.1	18.2	27.4#
100	10.9	15.6	23.4#

Manual Integrations
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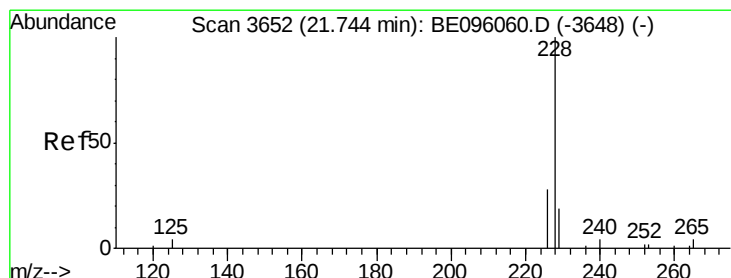
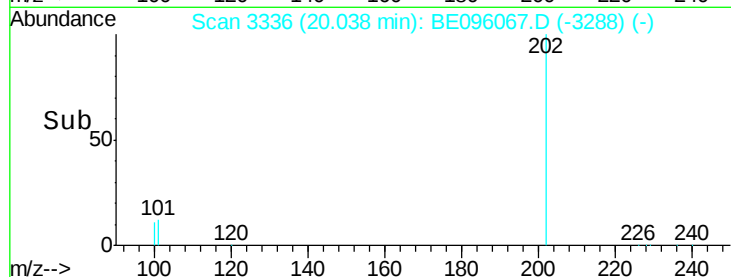
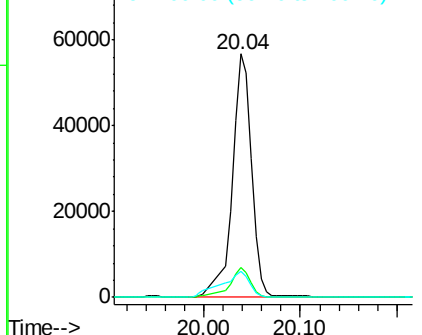
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E



#18

Benzo(a)anthracene

Concen: 1.995 ng/ul m

RT: 21.75 min Scan# 3652

Delta R.T. 0.00 min

Lab File: BE096067.D

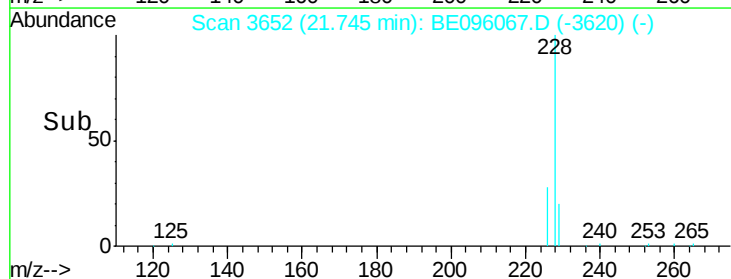
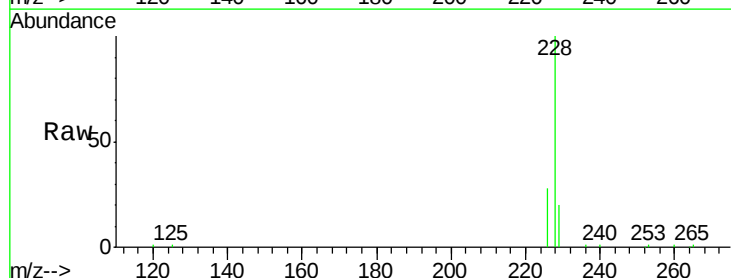
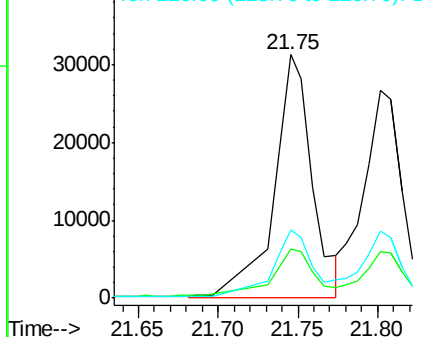
Acq: 21 Apr 2018 7:13

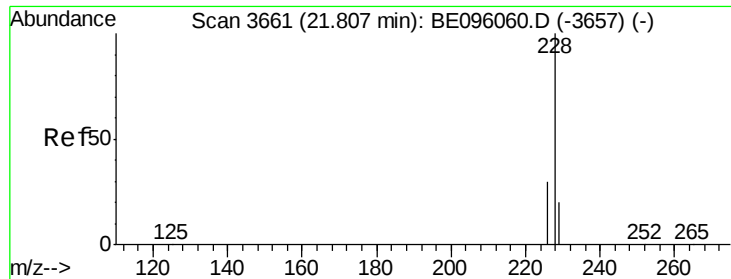
Tgt Ion:	228	Resp:	61008
Ion Ratio	Lower	Upper	
228	100		
229	20.4	22.8	34.2#
226	28.3	17.0	25.6#

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: 2.003 ng/ul

RT: 21.80 min Scan# 3660

Delta R.T. -0.01 min

Lab File: BE096067.D

Acq: 21 Apr 2018 7:13

Instrument :

BNA_E

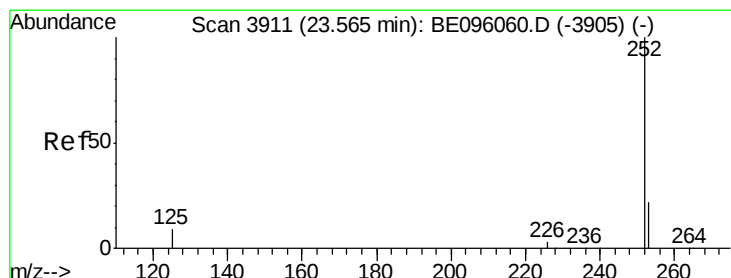
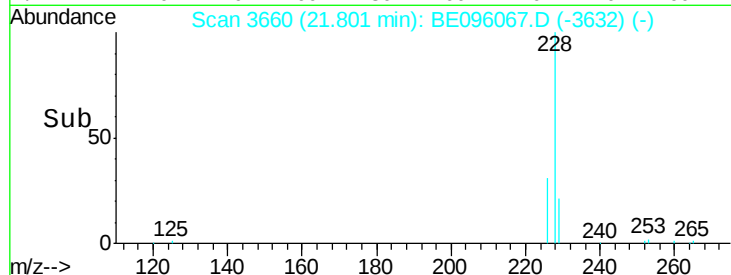
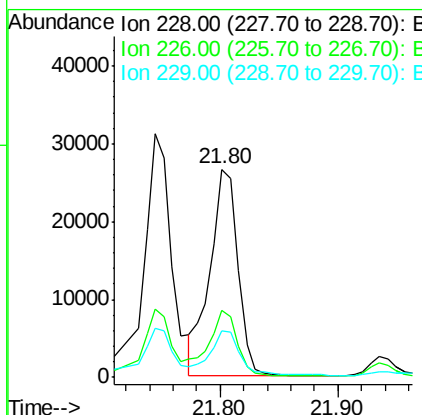
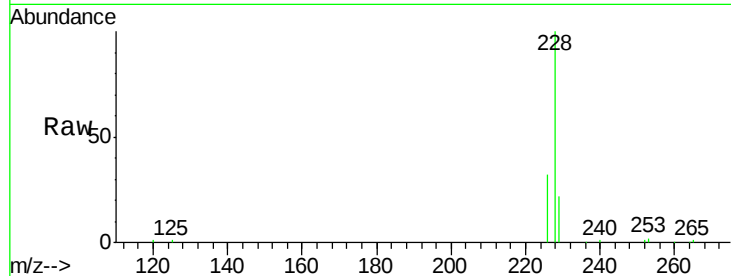
ClientSampled :

C0AD0

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.9	23.4	35.0
229	22.1	17.7	26.5

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#21

Benzo(b)fluoranthene

Concen: 2.692 ng/ul m

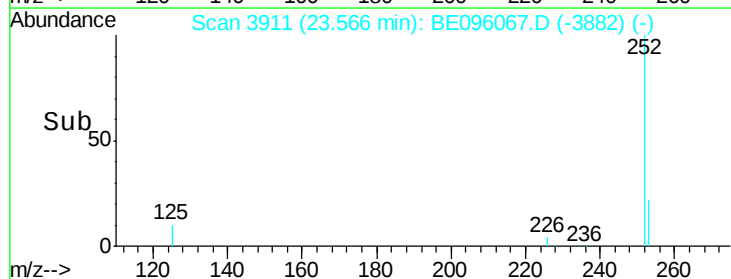
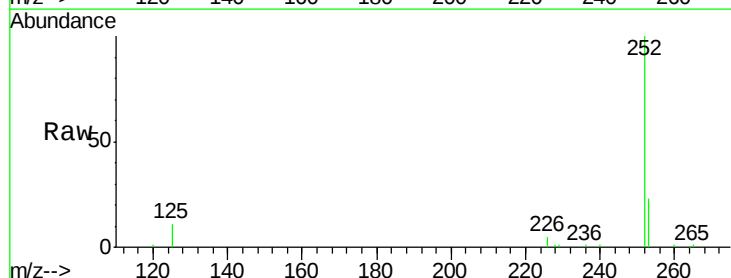
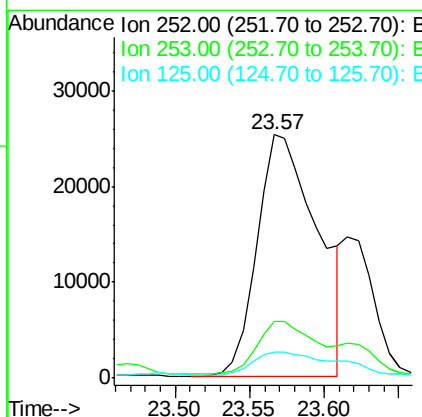
RT: 23.57 min Scan# 3911

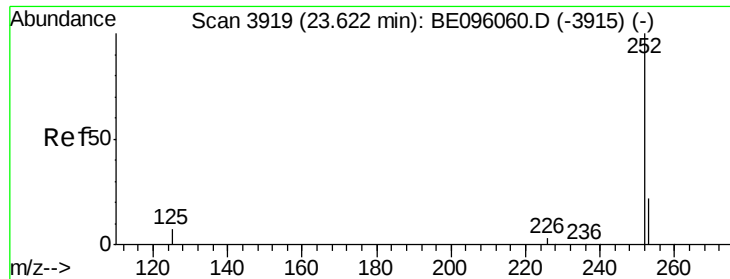
Delta R.T. 0.00 min

Lab File: BE096067.D

Acq: 21 Apr 2018 7:13

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.4	0.0	64.2
125	10.8	0.0	35.0





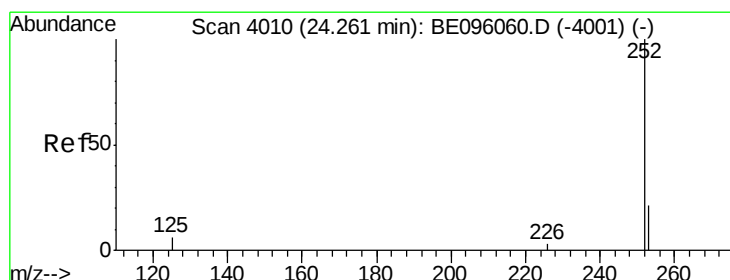
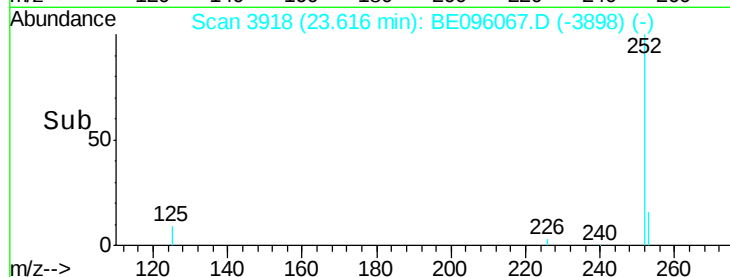
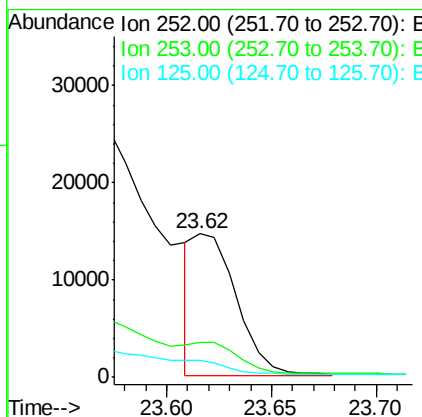
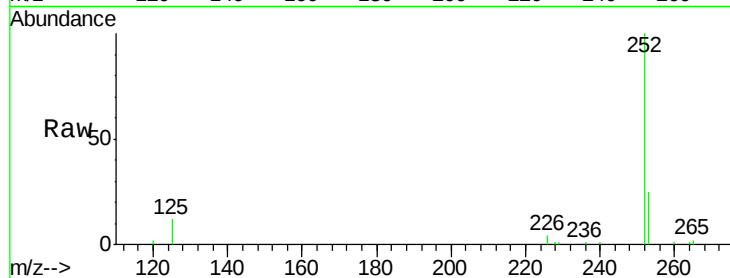
#22
Benzo(k)fluoranthene
Concen: 0.789 ng/ul m
RT: 23.62 min Scan# 3918
Delta R.T. -0.01 min
Lab File: BE096067.D
Acq: 21 Apr 2018 7:13

Instrument :
BNA_E
ClientSampleId :
C0AD0

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.8	24.5	36.7
125	11.7	13.7	20.5#

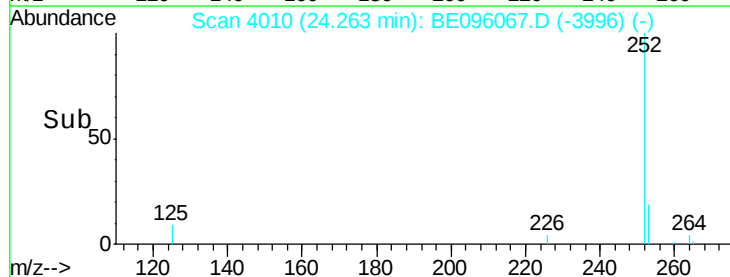
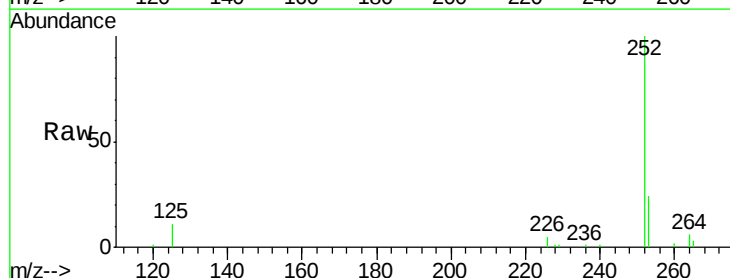
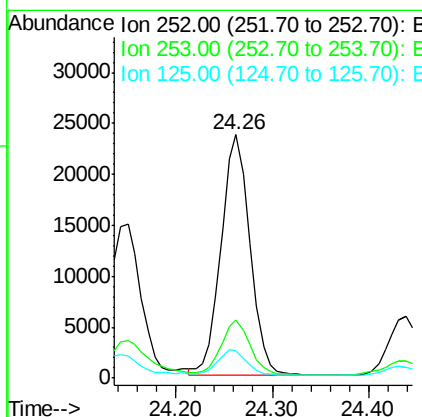
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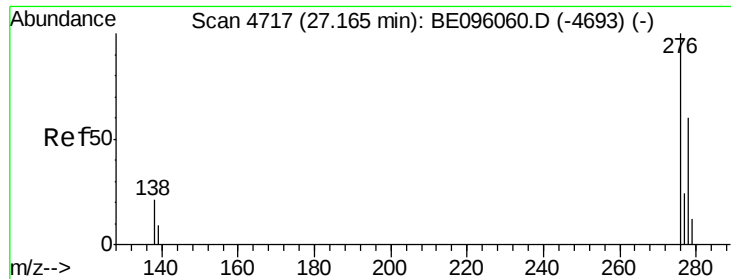
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#23
Benzo(a)pyrene
Concen: 1.909 ng/ul
RT: 24.26 min Scan# 4010
Delta R.T. 0.00 min
Lab File: BE096067.D
Acq: 21 Apr 2018 7:13

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.6	28.5	42.7#
125	11.2	18.1	27.1#





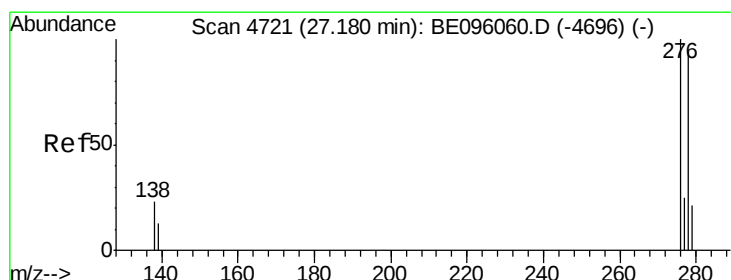
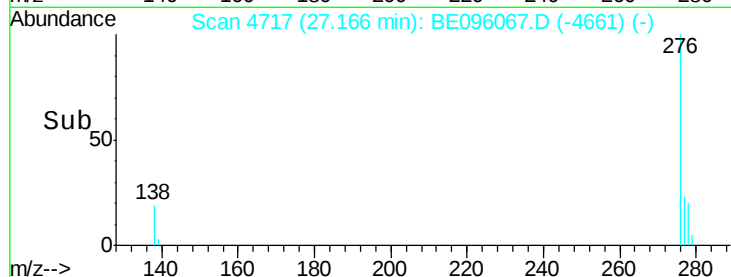
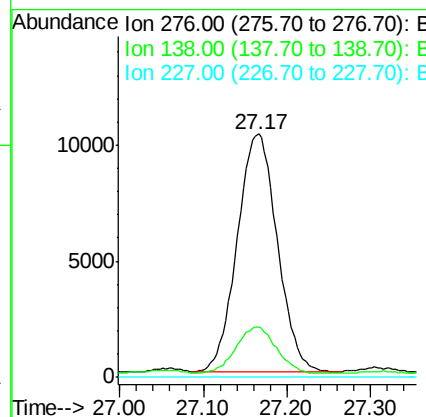
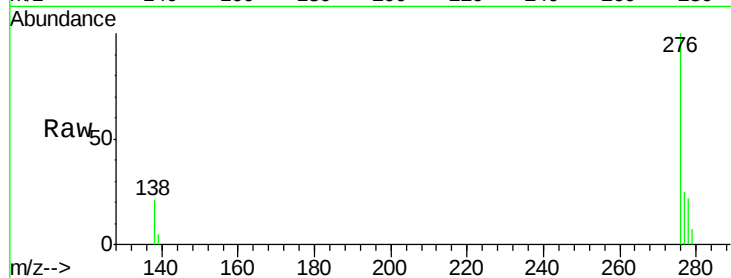
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 1.200 ng/ul
 RT: 27.17 min Scan# 4717
 Delta R.T. 0.00 min
 Lab File: BE096067.D
 Acq: 21 Apr 2018 7:13

Instrument :
 BNA_E
 ClientSampleId :
 C0AD0

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

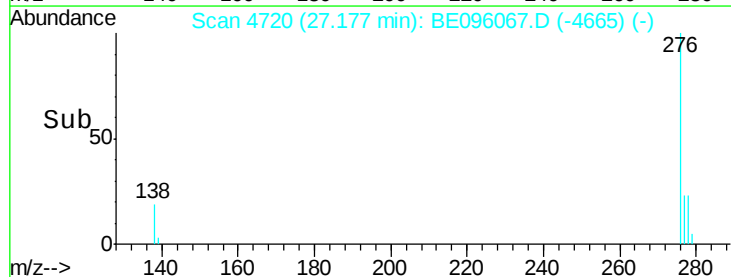
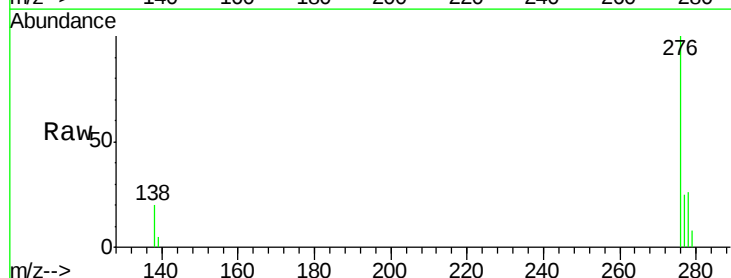
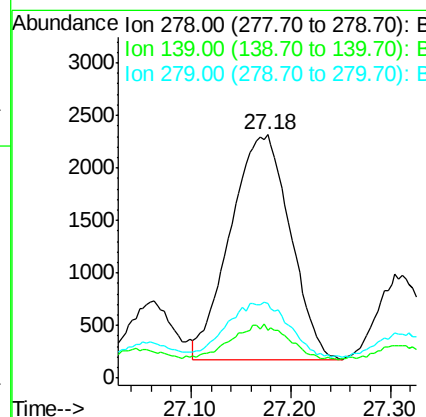
Manual Integrations
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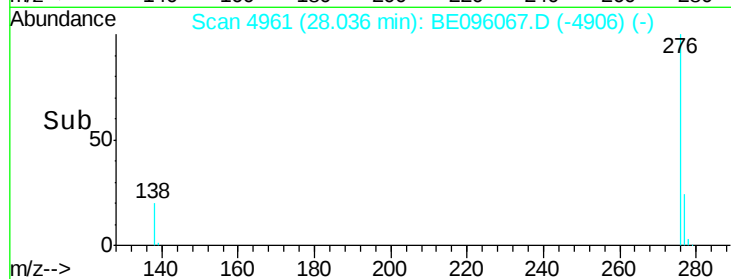
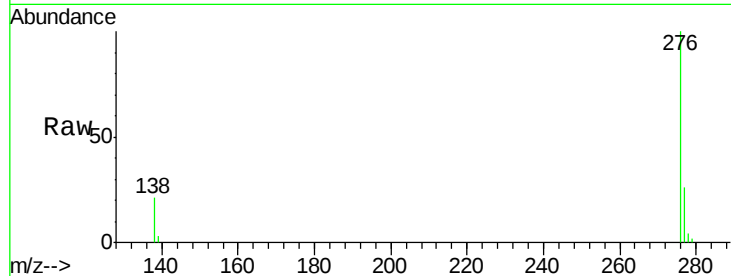
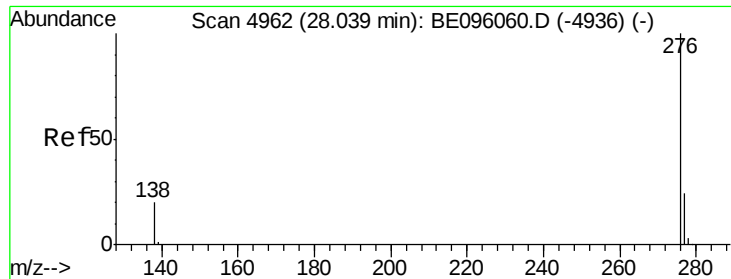
Sohil
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#25
 Dibenzo(a,h)anthracene
 Concen: 0.388 ng/ul
 RT: 27.18 min Scan# 4720
 Delta R.T. -0.00 min
 Lab File: BE096067.D
 Acq: 21 Apr 2018 7:13

Tgt Ion	Ratio	Lower	Upper
278	100		
139	19.9	17.4	26.0
279	30.6	25.9	38.9





#26
 Benzo(a,h,i)perylene
 Concen: 1.411 ng/ul
 RT: 28.04 min Scan# 4961
 Delta R.T. -0.00 min
 Lab File: BE096067.D
 Acq: 21 Apr 2018 7:13

Instrument :
 BNA_E
 ClientSampleId :
 C0AD0

Tot Ion	Ratio	Lower	Upper
276	100		
138	21.2	21.8	32.8#
277	25.6	20.5	30.7

Manual Integrations
 APPROVED

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