

Data Path : Z:\HPCHEM1\BNA E\DATA\BE042718\
 Data File : BE096206.D
 Acq On : 27 Apr 2018 13:58
 Operator : SJ/JU
 Sample : J2449-05DL 5X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AE0DL

Manual Integrations
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 4/30/2018 6:58:44 PM

Quant Time: Apr 28 00:40:54 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE042418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 27 23:57:47 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.36	152	672	0.40	ng/ul	0.00
2) Naphthalene-d8	11.18	136	2632	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.94	164	1510	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.66	188	3632	0.40	ng/ul	0.00
16) Chrysene-d12	21.75	240	4667	0.40	ng/ul	0.00
20) Perylene-d12	24.35	264	3701	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.74	152	319	0.07	ng/ul	0.00
14) Fluoranthene-d10	19.64	212	969	0.06	ng/ul	0.00
Target Compounds					Ovalue	
3) Naphthalene	11.23	128	2171	0.296	ng/ul#	91
5) 2-Methylnaphthalene	12.81	142	1375	0.280	ng/ul	99
7) Acenaphthylene	14.67	152	3458	0.444	ng/ul	98
8) Acenaphthene	15.01	153	1156	0.206	ng/ul#	89
9) Fluorene	15.97	166	1771	0.238	ng/ul	93
12) Phenanthrene	17.70	178	48997	4.582	ng/ul#	89
13) Anthracene	17.78	178	8142	0.759	ng/ul#	91
15) Fluoranthene	19.67	202	135203	8.272	ng/ul	84
17) Pyrene	20.02	202	60899	6.504	ng/ul#	78
18) Benzo(a)anthracene	21.73	228	37393	2.646	ng/ul#	86
19) Chrysene	21.79	228	58211	4.483	ng/ul	98
21) Benzo(b)fluoranthene	23.55	252	72527m	5.175	ng/ul	
22) Benzo(k)fluoranthene	23.60	252	28503m	2.128	ng/ul	
23) Benzo(a)pyrene	24.24	252	51333	4.216	ng/ul#	78
24) Indeno(1,2,3-cd)pyrene	27.13	276	32860	2.003	ng/ul#	75
25) Dibenzo(a,h)anthracene	27.13	278	8609	0.627	ng/ul	96
26) Benzo(a,h,i)perylene	28.00	276	26206	1.835	ng/ul#	93

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

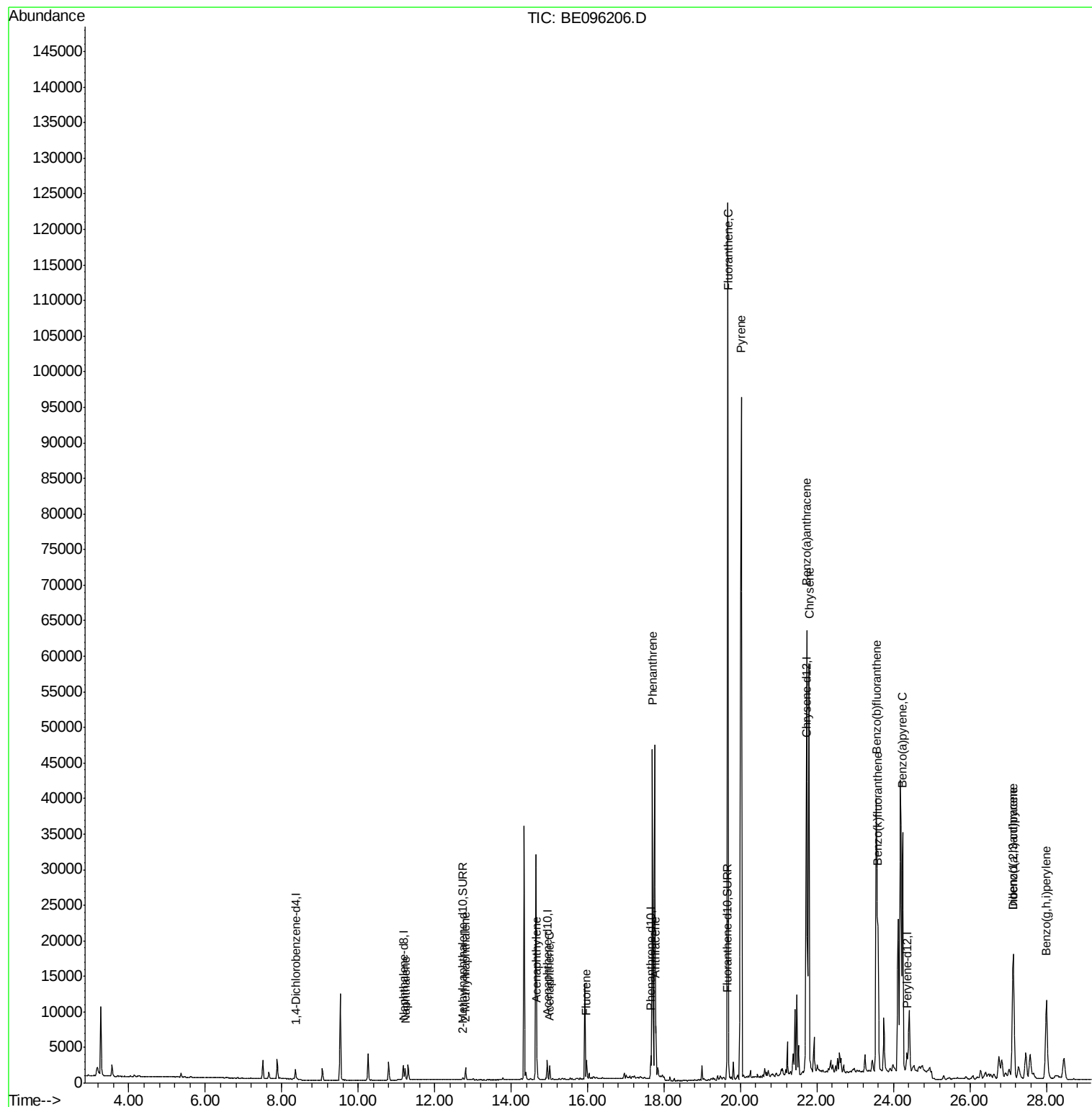
Data Path : Z:\HPCHEM1\BNA E\DATA\BE042718\
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ALS Vial : 6 Sample Multiplier: 1

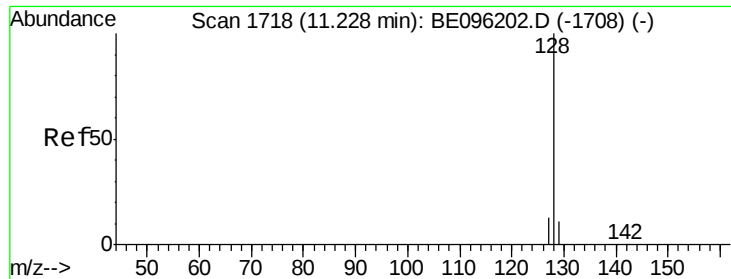
Instrument :
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Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE042418.M
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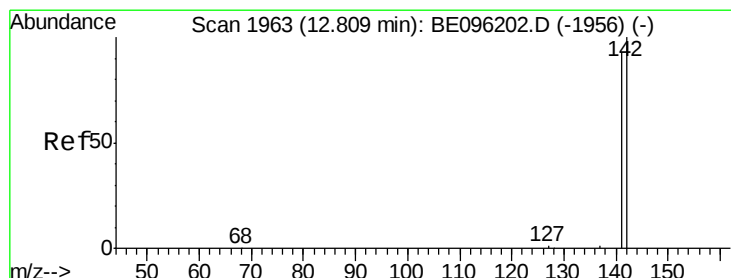
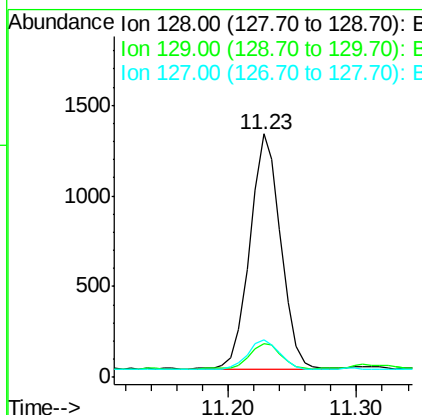
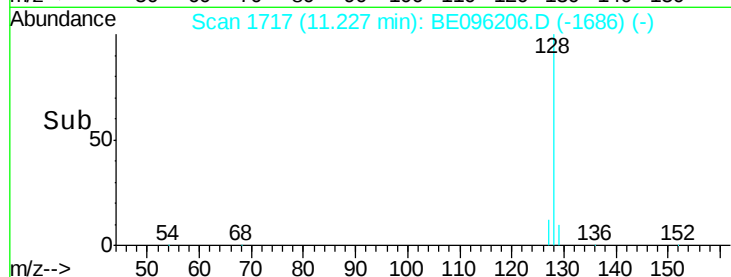
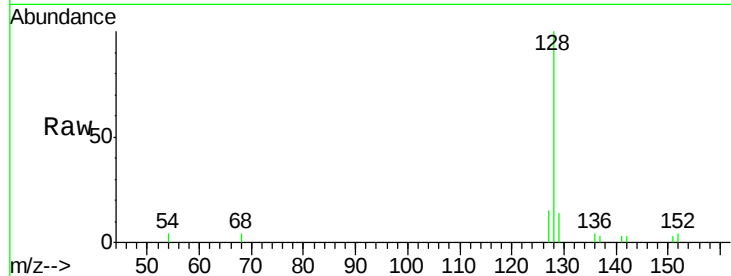
#3
Naphthalene
Concen: 0.296 ng/ul
RT: 11.23 min Scan# 1717
Delta R.T. -0.00 min
Lab File: BE096206.D
Acq: 27 Apr 2018 13:58

Instrument :
BNA_E
ClientSampleId :
C0AE0DL

Tot Ion	Ratio	Lower	Upper
128	100		
129	13.7	11.3	16.9
127	15.4	4.0	6.0

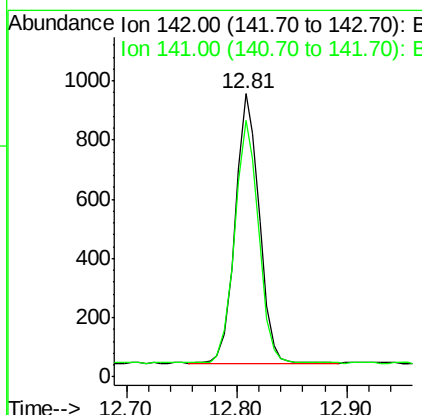
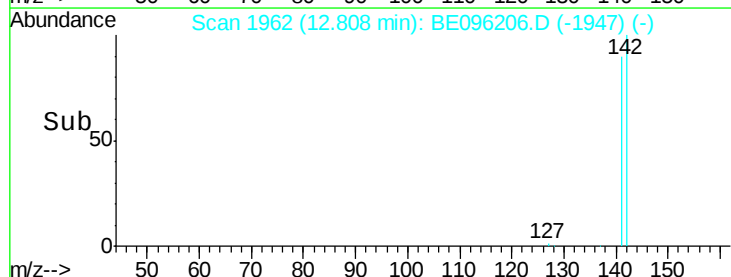
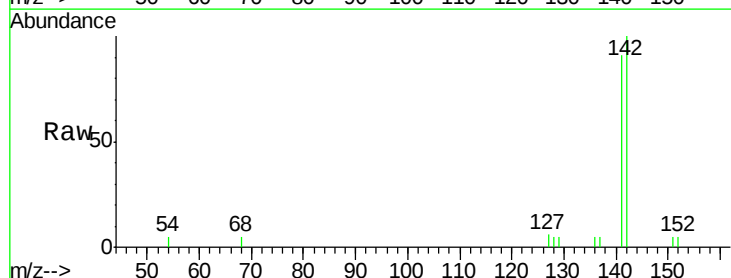
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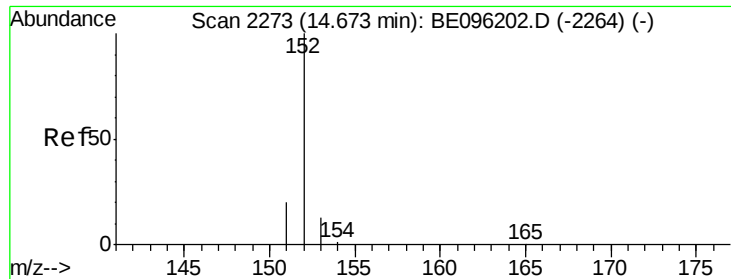
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#5
2-Methylnaphthalene
Concen: 0.280 ng/ul
RT: 12.81 min Scan# 1962
Delta R.T. -0.00 min
Lab File: BE096206.D
Acq: 27 Apr 2018 13:58

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.1	72.6	108.8





#7

Acenaphthylene

Concen: 0.444 ng/ul

RT: 14.67 min Scan# 2273

Delta R.T. 0.00 min

Lab File: BE096206.D

Acq: 27 Apr 2018 13:58

Instrument :

BNA_E

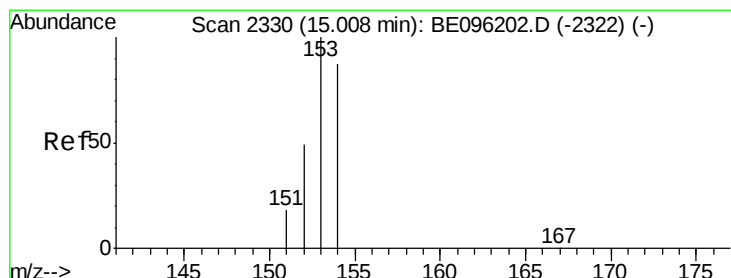
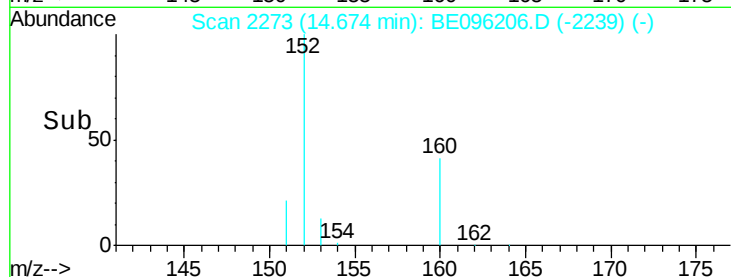
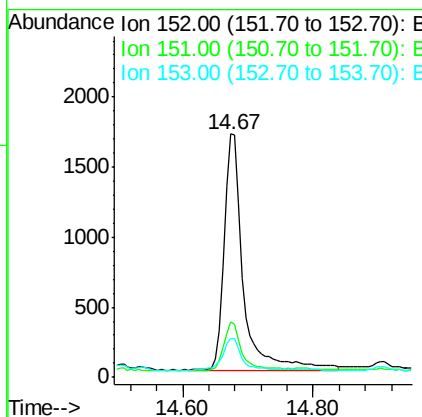
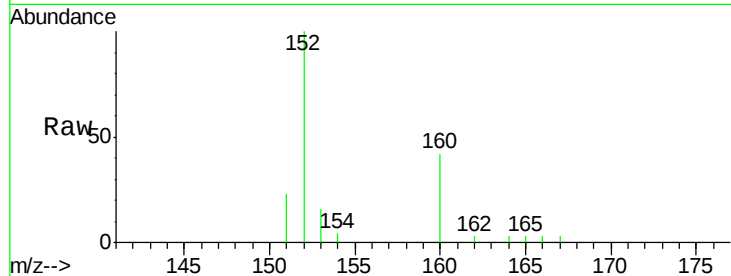
ClientSampleId :

C0AE0DL

Tot Ion:	152	Resp:	3458
Ion Ratio	Lower	Upper	
152	100		
151	22.7	17.1	25.7
153	15.9	12.8	19.2

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#8

Acenaphthene

Concen: 0.206 ng/ul

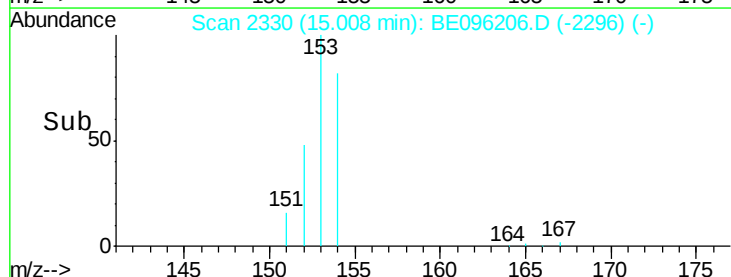
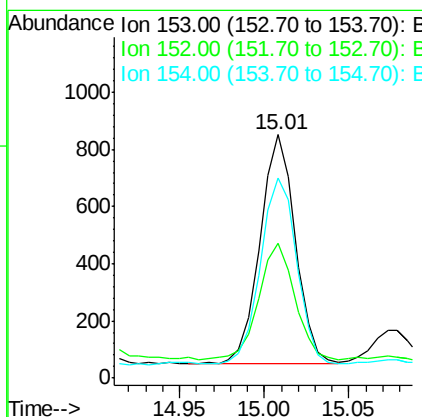
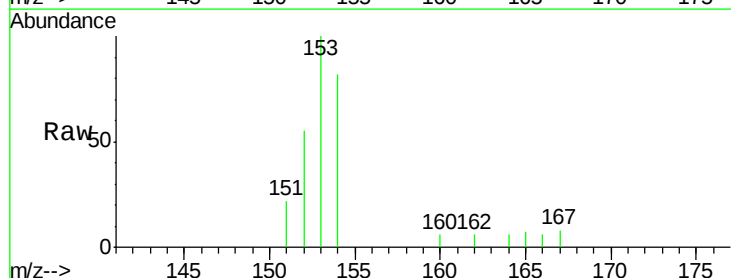
RT: 15.01 min Scan# 2330

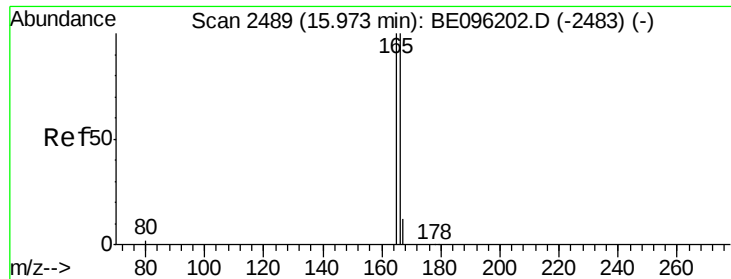
Delta R.T. 0.00 min

Lab File: BE096206.D

Acq: 27 Apr 2018 13:58

Tgt Ion:	153	Resp:	1156
Ion Ratio	Lower	Upper	
153	100		
152	55.3	36.0	54.0#
154	82.4	72.0	108.0





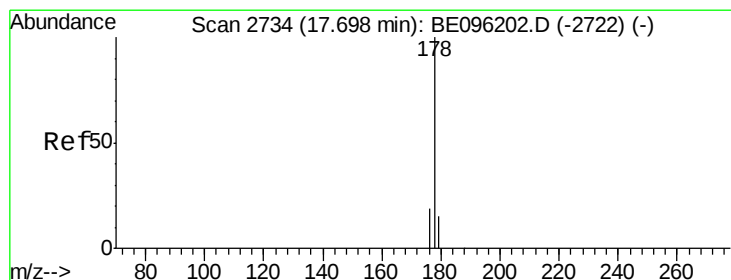
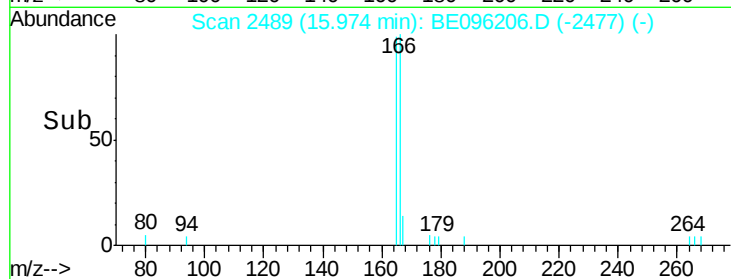
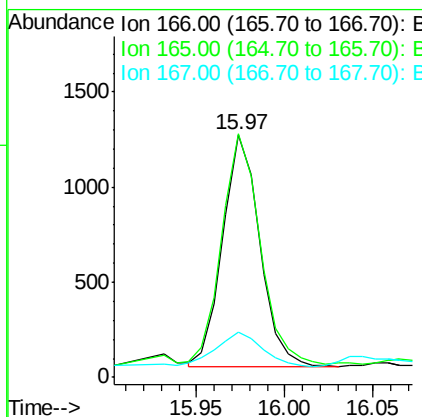
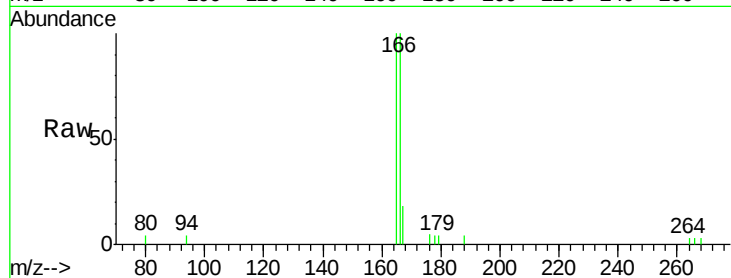
#9
Fluorene
 Concen: 0.238 ng/ul
 RT: 15.97 min Scan# 2489
 Delta R.T. 0.00 min
 Lab File: BE096206.D
 Acq: 27 Apr 2018 13:58

Instrument :
 BNA_E
 ClientSampleId :
 C0AE0DL

Tot Ion	Ratio	Lower	Upper
166	100		
165	100.2	73.4	110.2
167	18.5	14.6	22.0

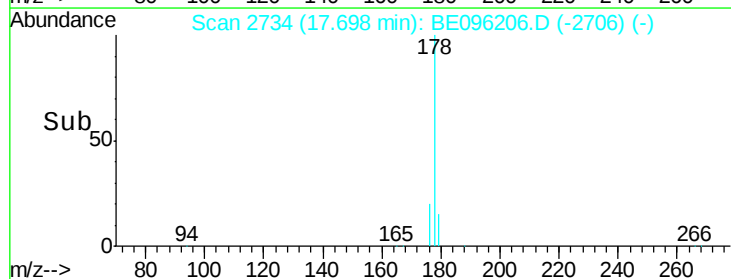
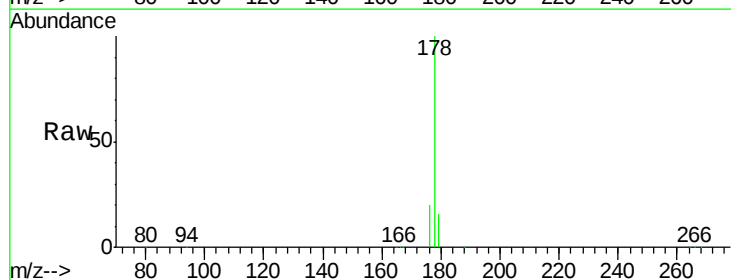
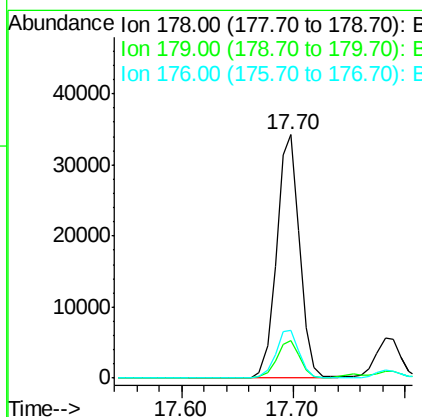
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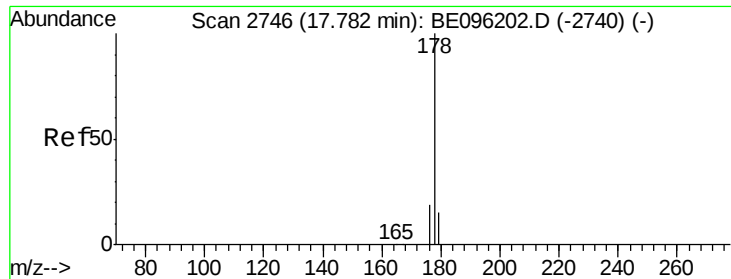
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#12
Phenanthrene
 Concen: 4.582 ng/ul
 RT: 17.70 min Scan# 2734
 Delta R.T. 0.00 min
 Lab File: BE096206.D
 Acq: 27 Apr 2018 13:58

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.6	18.4	27.6#
176	19.6	13.6	20.4





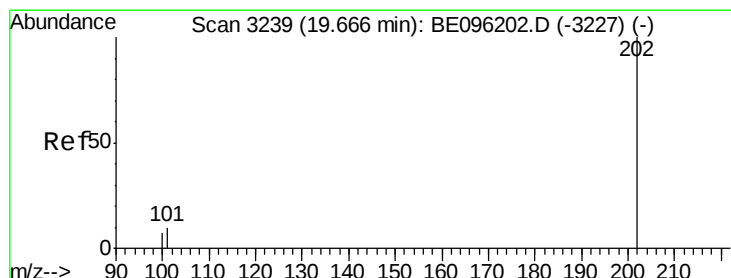
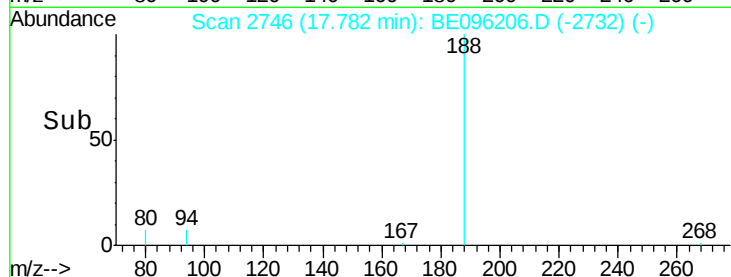
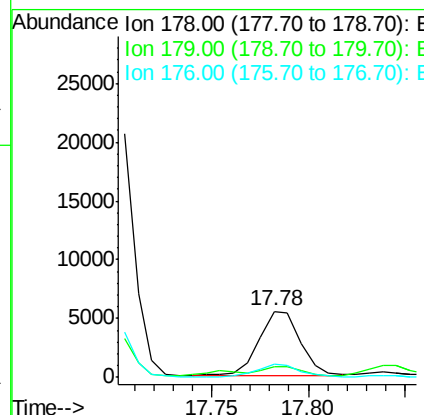
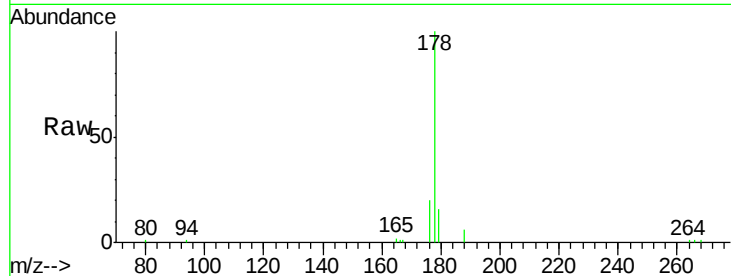
#13
 Anthracene
 Concen: 0.759 ng/ul
 RT: 17.78 min Scan# 2746
 Delta R.T. 0.00 min
 Lab File: BE096206.D
 Acq: 27 Apr 2018 13:58

Instrument :
 BNA_E
 ClientSampled :
 C0AE0DL

Tot Ion	Ratio	Lower	Upper
178	100		
179	16.1	18.1	27.1#
176	20.2	14.7	22.1

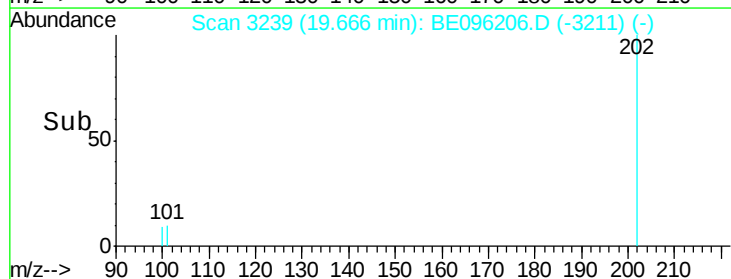
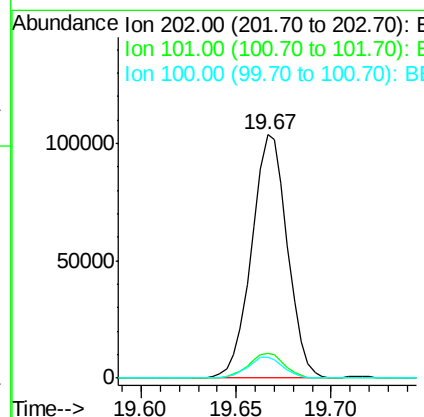
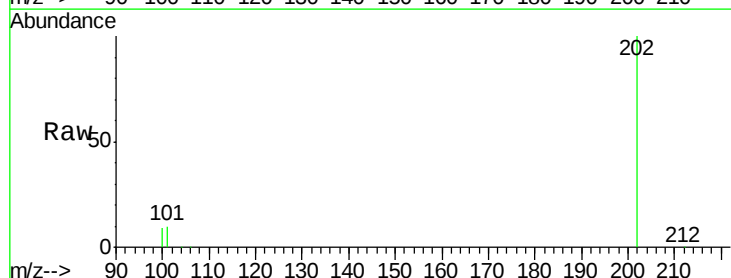
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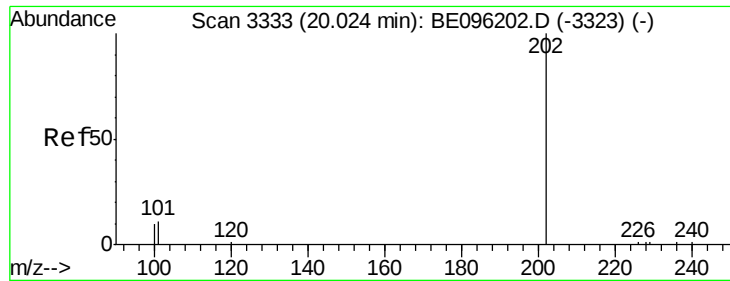
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#15
 Fluoranthene
 Concen: 8.272 ng/ul
 RT: 19.67 min Scan# 3239
 Delta R.T. 0.00 min
 Lab File: BE096206.D
 Acq: 27 Apr 2018 13:58

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.4	0.0	30.3
100	8.7	0.0	39.5





#17

Pvrene

Concen: 6.504 ng/ul

RT: 20.02 min Scan# 3333

Delta R.T. -0.00 min

Lab File: BE096206.D

Acq: 27 Apr 2018 13:58

Instrument :

BNA_E

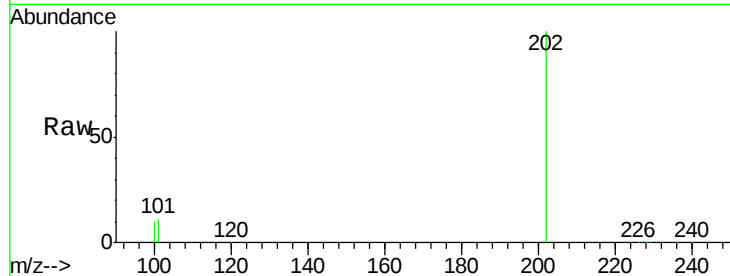
ClientSampled :

C0AE0DL

Tot Ion:	202	Resp:	60899
Ion Ratio	Lower	Upper	
202	100		
101	11.5	18.2	27.4#
100	10.2	15.6	23.4#

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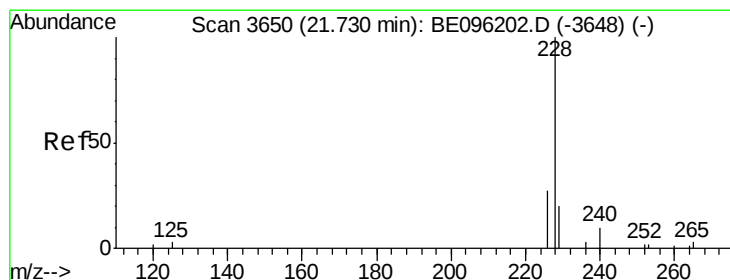
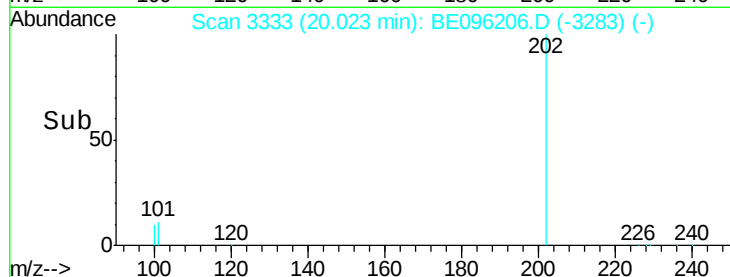
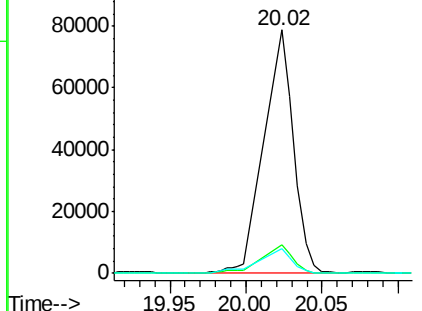
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E



#18

Benzo(a)anthracene

Concen: 2.646 ng/ul

RT: 21.73 min Scan# 3650

Delta R.T. 0.00 min

Lab File: BE096206.D

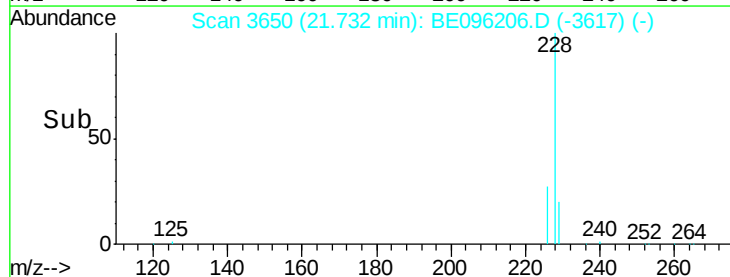
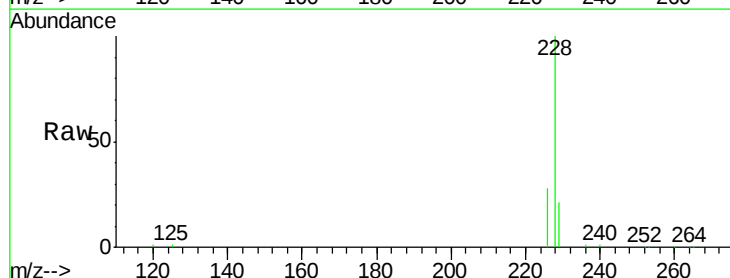
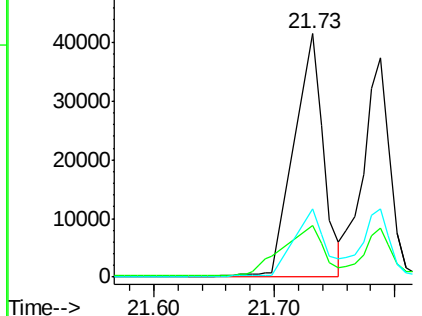
Acq: 27 Apr 2018 13:58

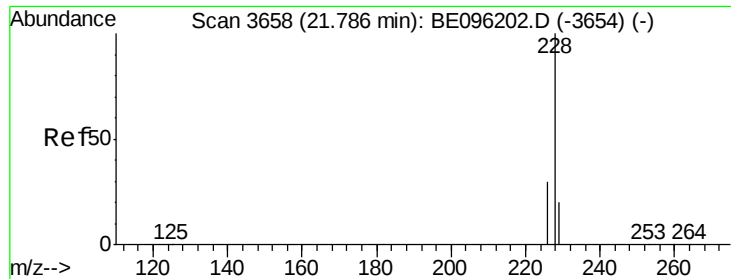
Tgt Ion:	228	Resp:	37393
Ion Ratio	Lower	Upper	
228	100		
229	21.0	22.8	34.2#
226	27.9	17.0	25.6#

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: 4.483 ng/ul

RT: 21.79 min Scan# 3658

Delta R.T. 0.00 min

Lab File: BE096206.D

Acq: 27 Apr 2018 13:58

Instrument :

BNA_E

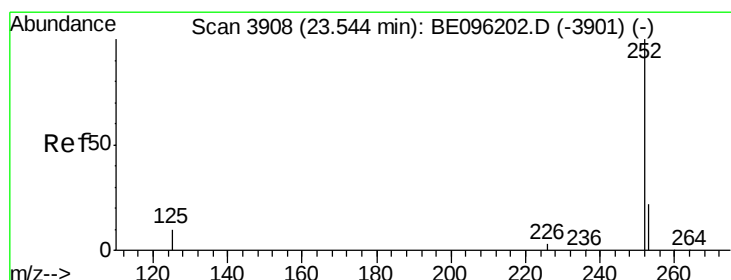
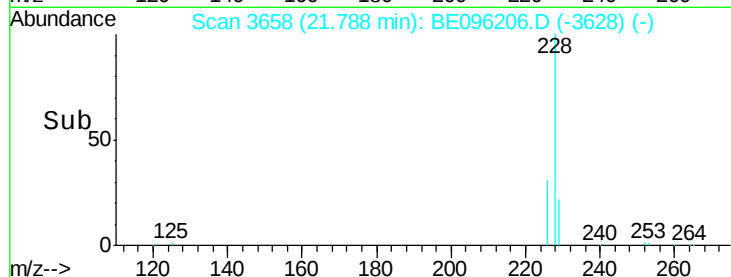
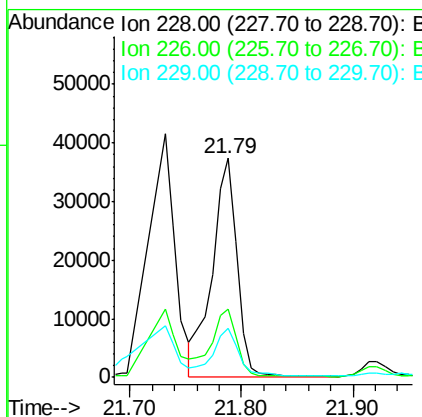
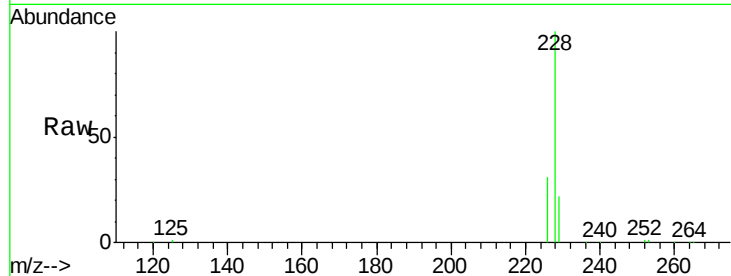
ClientSampled :

C0AE0DL

Tot Ion:	228	Resp:	58211
Ion Ratio	Lower	Upper	
228	100		
226	30.9	23.4	35.0
229	22.5	17.7	26.5

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#21

Benzo(b)fluoranthene

Concen: 5.175 ng/ul m

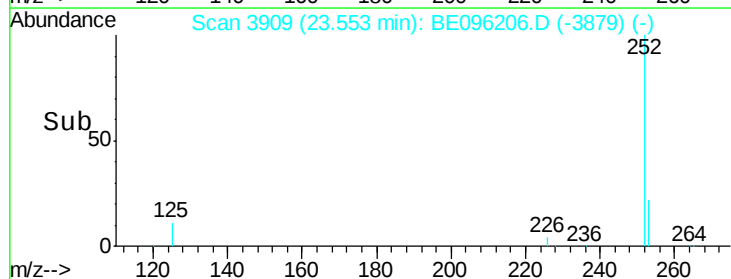
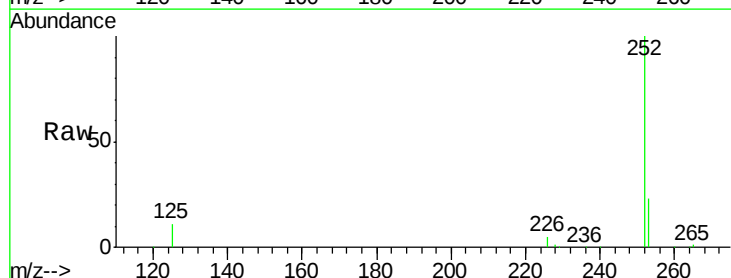
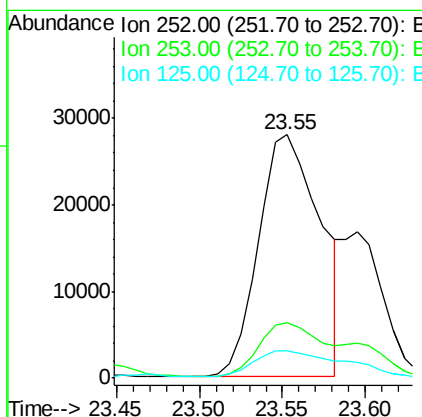
RT: 23.55 min Scan# 3909

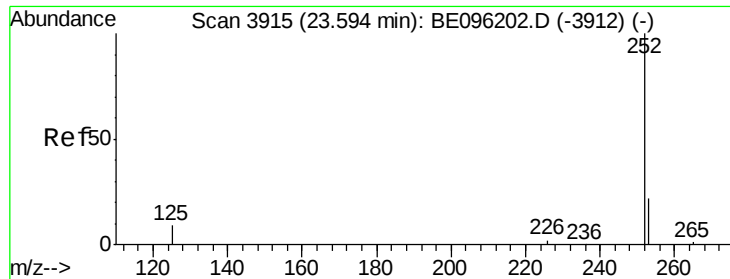
Delta R.T. 0.01 min

Lab File: BE096206.D

Acq: 27 Apr 2018 13:58

Tgt Ion:	252	Resp:	72527
Ion Ratio	Lower	Upper	
252	100		
253	22.8	0.0	64.2
125	11.0	0.0	35.0





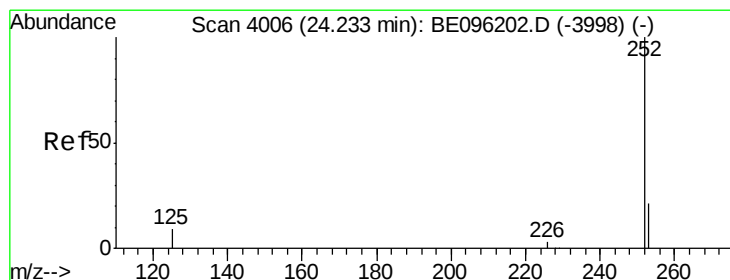
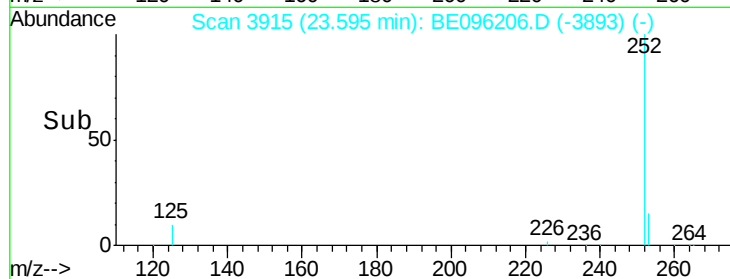
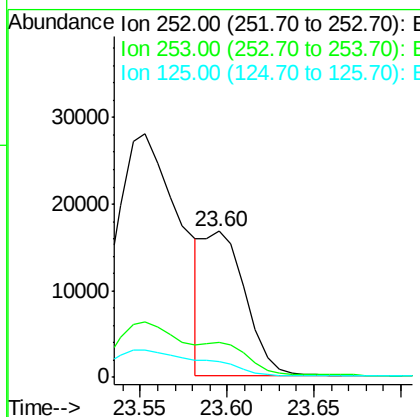
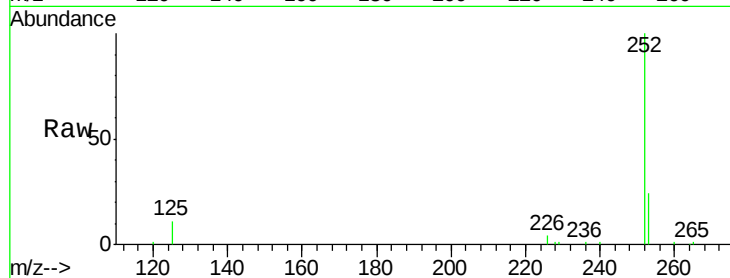
#22
Benzo(k)fluoranthene
Concen: 2.128 ng/ul m
RT: 23.60 min Scan# 3915
Delta R.T. 0.00 min
Lab File: BE096206.D
Acq: 27 Apr 2018 13:58

Instrument :
BNA_E
ClientSampleId :
C0AE0DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.0	24.5	36.7#
125	11.0	13.7	20.5#

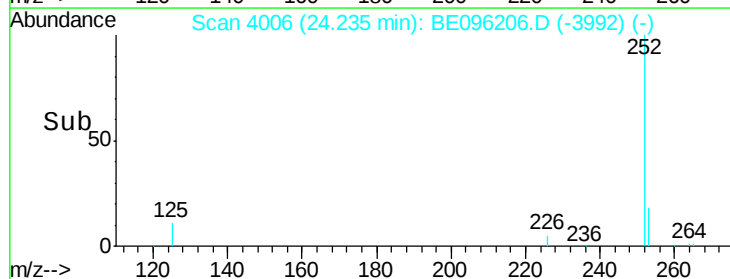
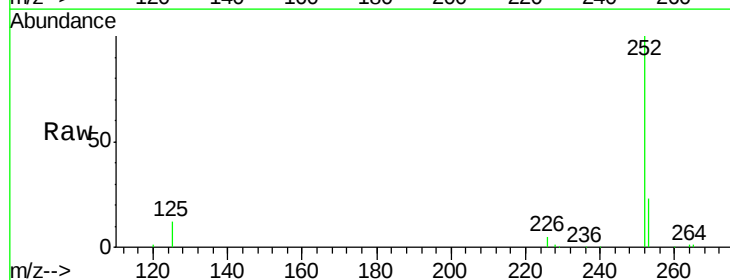
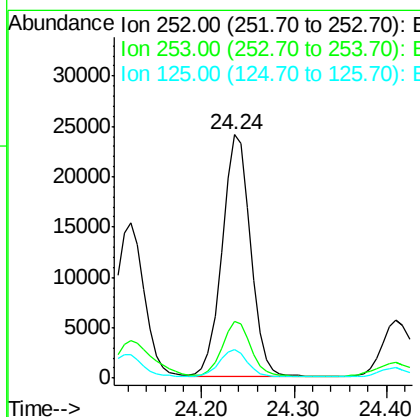
Manual Integrations
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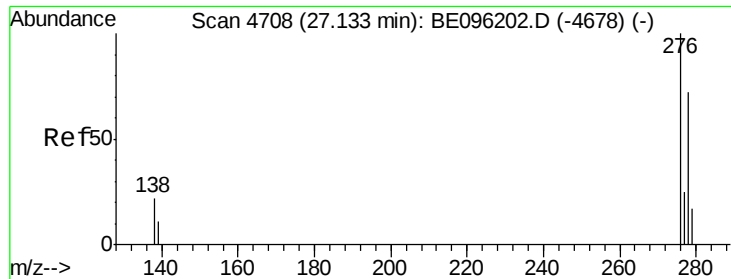
Sohil
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#23
Benzo(a)pyrene
Concen: 4.216 ng/ul
RT: 24.24 min Scan# 4006
Delta R.T. 0.00 min
Lab File: BE096206.D
Acq: 27 Apr 2018 13:58

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	28.5	42.7#
125	11.6	18.1	27.1#





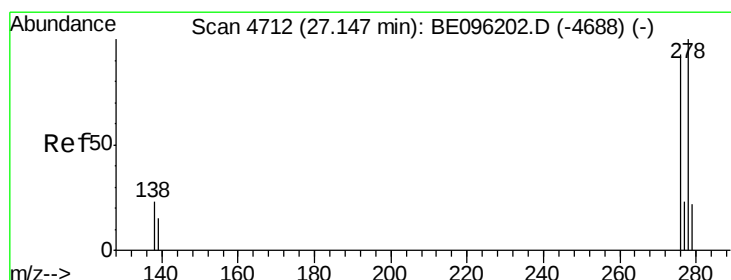
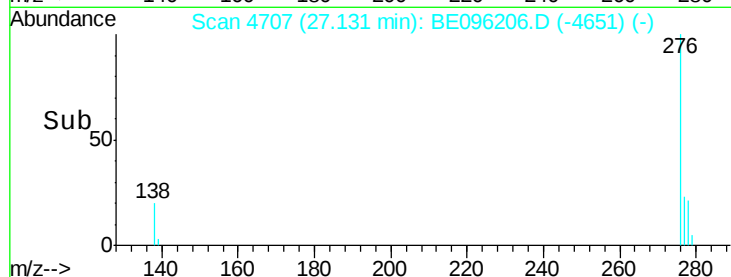
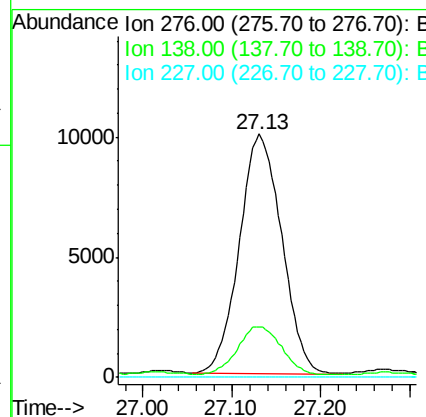
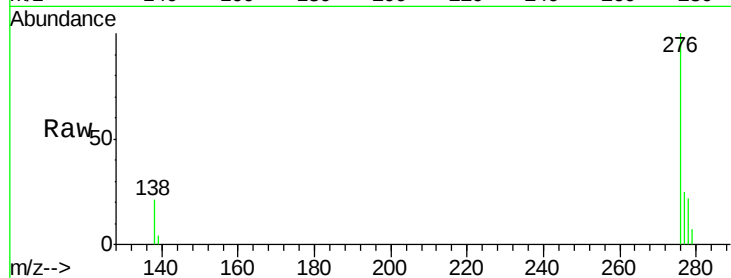
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 2.003 ng/ul
 RT: 27.13 min Scan# 4707
 Delta R.T. -0.00 min
 Lab File: BE096206.D
 Acq: 27 Apr 2018 13:58

Instrument :
 BNA_E
 ClientSampled :
 COAE0DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	20.8	28.0	42.0#
227	0.0	8.0	12.0#

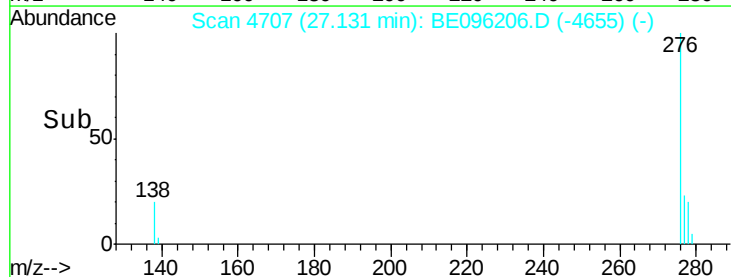
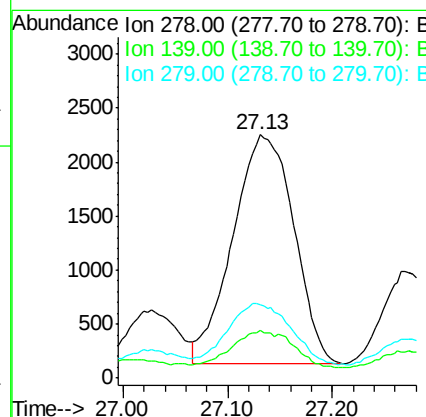
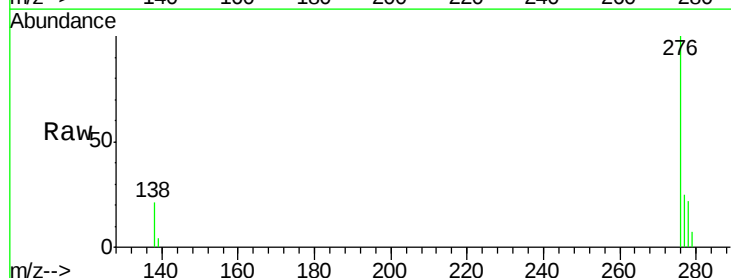
Manual Integrations
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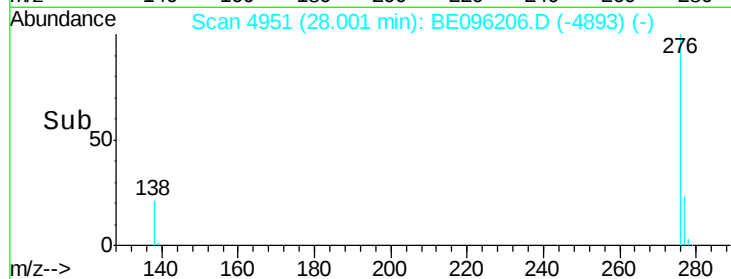
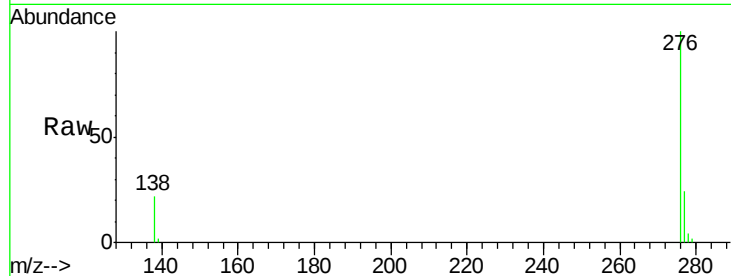
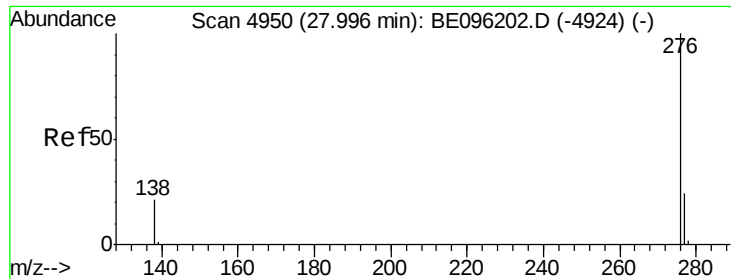
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#25
 Dibenzo(a,h)anthracene
 Concen: 0.627 ng/ul
 RT: 27.13 min Scan# 4707
 Delta R.T. -0.02 min
 Lab File: BE096206.D
 Acq: 27 Apr 2018 13:58

Tgt Ion	Ratio	Lower	Upper
278	100		
139	19.6	17.4	26.0
279	30.3	25.9	38.9





#26
Benzo(a,h,i)perylene
Concen: 1.835 ng/ul
RT: 28.00 min Scan# 4951
Delta R.T. 0.01 min
Lab File: BE096206.D
Acq: 27 Apr 2018 13:58

Instrument :
BNA_E
ClientSampleId :
C0AE0DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	21.6	21.8	32.8#
277	24.5	20.5	30.7

Manual Integrations
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