

Data Path : Z:\HPCHEM1\BNA E\DATA\BE042618\
 Data File : BE096191.D
 Acq On : 26 Apr 2018 22:19
 Operator : SJ/JU
 Sample : J2449-04
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AD9

Manual Integrations
 APPROVED

Sohil
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Quant Time: Apr 27 06:41:28 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 04:45:57 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.36	152	695	0.40	ng/ul	0.00
2) Naphthalene-d8	11.18	136	2831	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.95	164	1634	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.66	188	3772m	0.40	ng/ul	0.00
16) Chrysene-d12	21.75	240	4833m	0.40	ng/ul	0.00
20) Perylene-d12	24.36	264	3667	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.74	152	1134	0.22	ng/ul	0.00
14) Fluoranthene-d10	19.64	212	3047m	0.18	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	11.23	128	699	0.089	ng/ul#	76
5) 2-Methylnaphthalene	12.81	142	393	0.074	ng/ul	97
7) Acenaphthylene	14.68	152	337	0.040	ng/ul#	60
8) Acenaphthene	15.01	153	504	0.083	ng/ul#	93
9) Fluorene	15.98	166	655	0.082	ng/ul#	88
12) Phenanthrene	17.70	178	12129m	1.092	ng/ul	
13) Anthracene	17.79	178	2205m	0.198	ng/ul	
15) Fluoranthene	19.67	202	22139m	1.304	ng/ul	
17) Pyrene	20.02	202	12121	1.250	ng/ul#	79
18) Benzo(a)anthracene	21.73	228	9757	0.667	ng/ul#	86
19) Chrysene	21.79	228	8478	0.631	ng/ul	94
21) Benzo(b)fluoranthene	23.55	252	11369m	0.819	ng/ul	
22) Benzo(k)fluoranthene	23.60	252	3815m	0.287	ng/ul	
23) Benzo(a)pyrene	24.24	252	8103	0.672	ng/ul#	83
24) Indeno(1,2,3-cd)pyrene	27.14	276	5238	0.322	ng/ul#	74
25) Dibenzo(a,h)anthracene	27.14	278	1371	0.101	ng/ul#	79
26) Benzo(a,h,i)perylene	28.00	276	4407	0.311	ng/ul	96

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

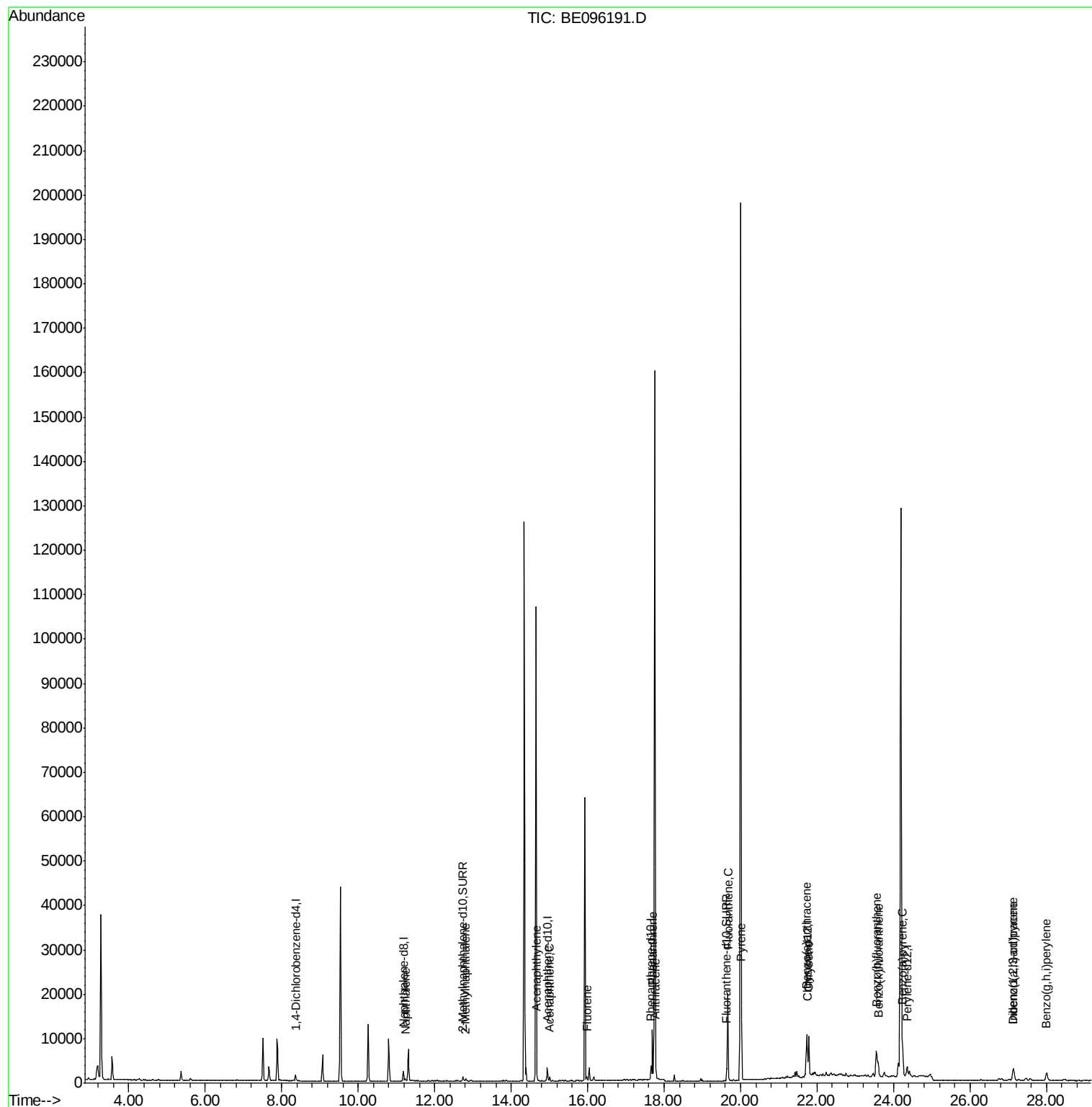
Data Path : Z:\HPCHEM1\BNA E\DATA\BE042618\
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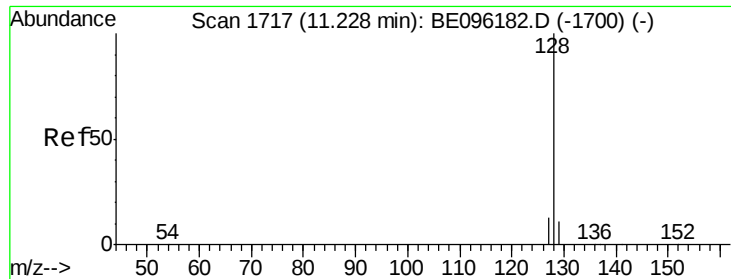
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#3

Naphthalene

Concen: 0.089 ng/ul

RT: 11.23 min Scan# 1718

Delta R.T. 0.01 min

Lab File: BE096191.D

Acq: 26 Apr 2018 22:19

Instrument :

BNA_E

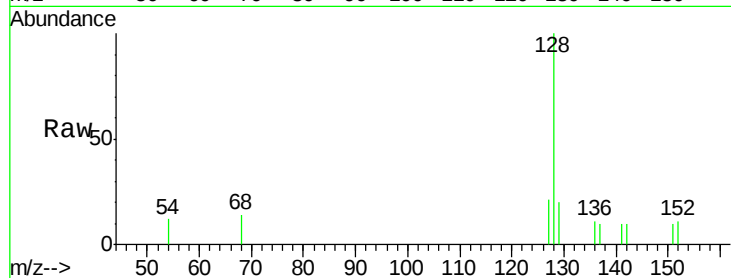
ClientSampled :

C0AD9

Tot Ion:	128	Resp:	699
Ion Ratio	Lower	Upper	
128	100		
129	20.2	11.3	16.9#
127	21.1	4.0	6.0#

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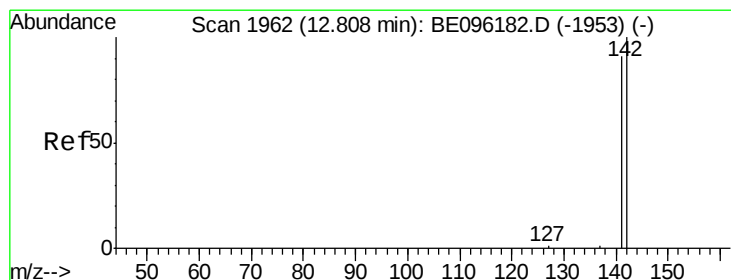
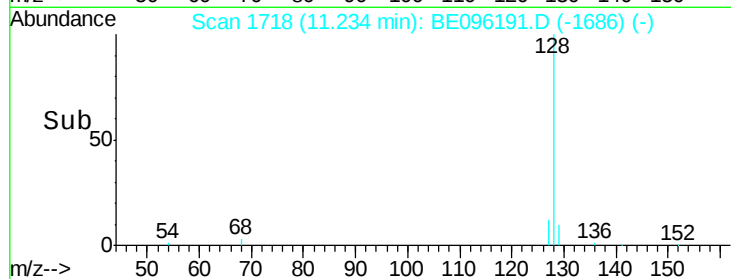
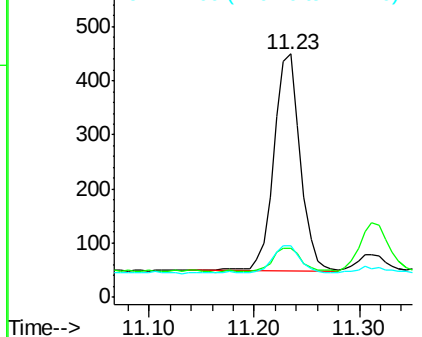
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#5

2-Methylnaphthalene

Concen: 0.074 ng/ul

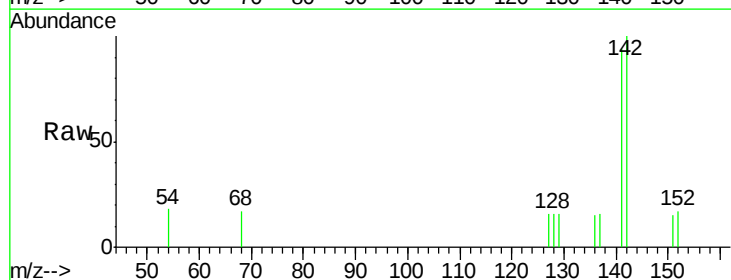
RT: 12.81 min Scan# 1962

Delta R.T. 0.00 min

Lab File: BE096191.D

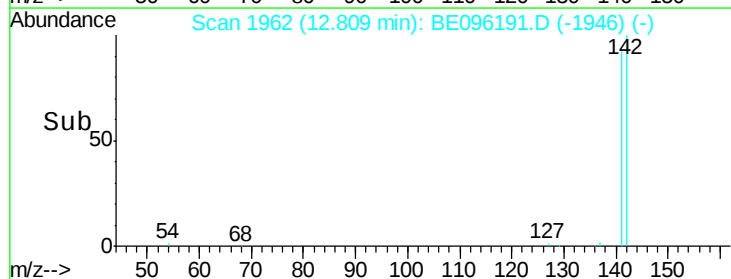
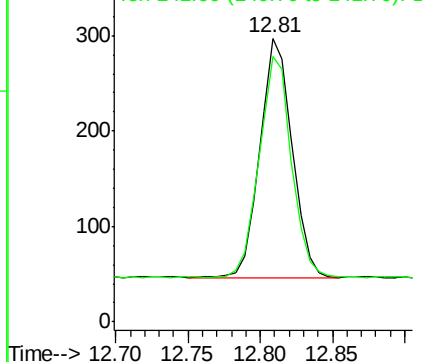
Acq: 26 Apr 2018 22:19

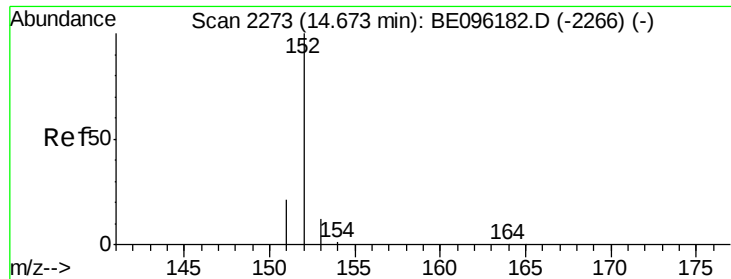
Tgt Ion:	142	Resp:	393
Ion Ratio	Lower	Upper	
142	100		
141	93.4	72.6	108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.040 ng/ul

RT: 14.68 min Scan# 2273

Delta R.T. 0.01 min

Lab File: BE096191.D

Acq: 26 Apr 2018 22:19

Instrument :

BNA_E

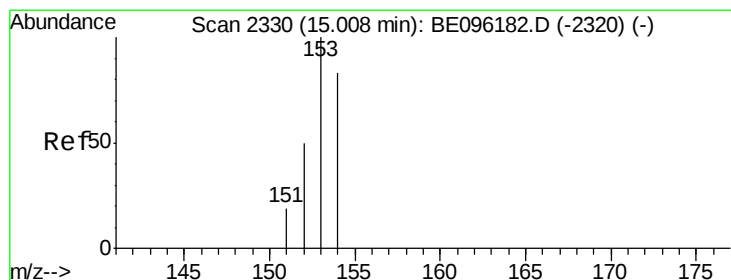
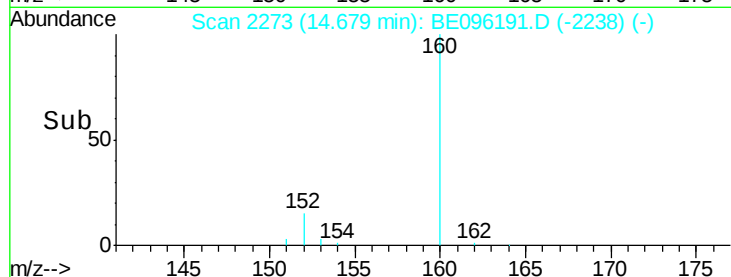
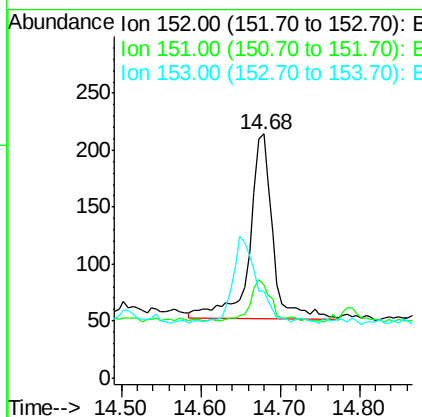
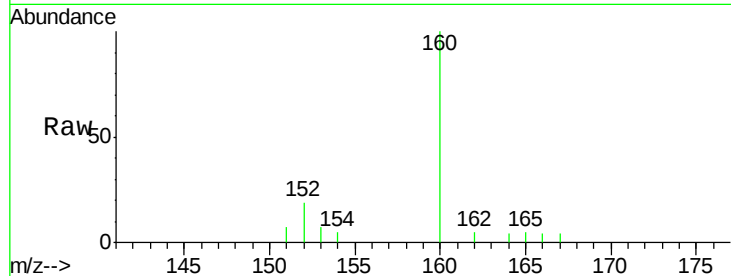
ClientSampled :

C0AD9

Tot Ion:	152	Resp:	337
Ion Ratio	Lower	Upper	
152	100		
151	38.3	17.1	25.7#
153	35.5	12.8	19.2#

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#8

Acenaphthene

Concen: 0.083 ng/ul

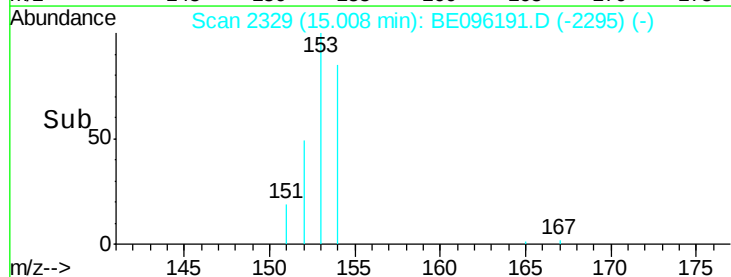
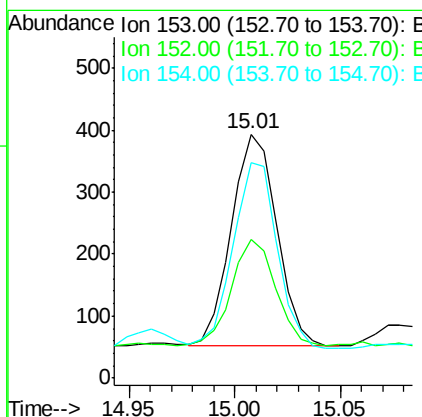
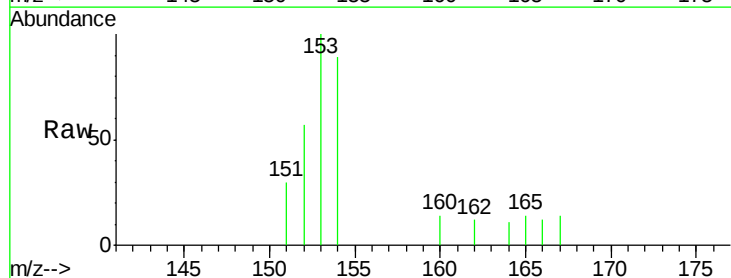
RT: 15.01 min Scan# 2329

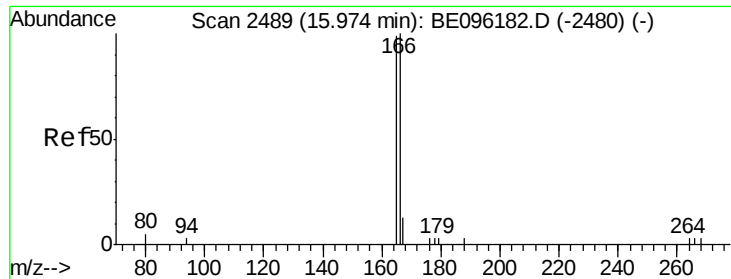
Delta R.T. -0.00 min

Lab File: BE096191.D

Acq: 26 Apr 2018 22:19

Tgt Ion:	153	Resp:	504
Ion Ratio	Lower	Upper	
153	100		
152	57.0	36.0	54.0#
154	88.5	72.0	108.0





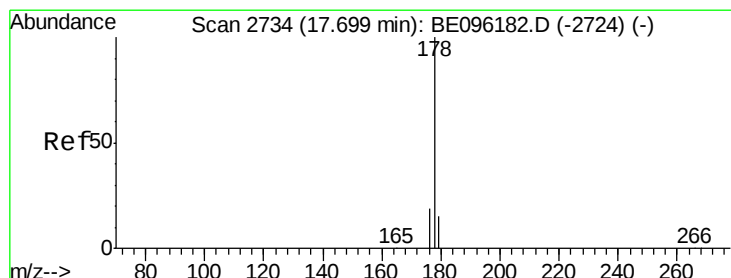
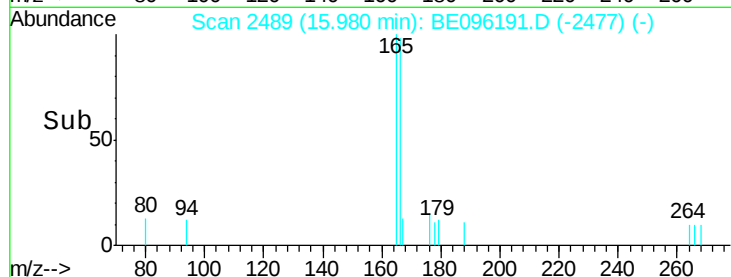
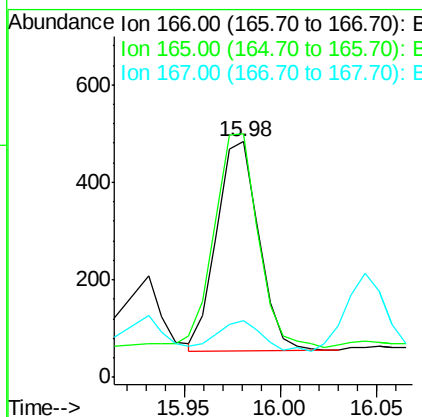
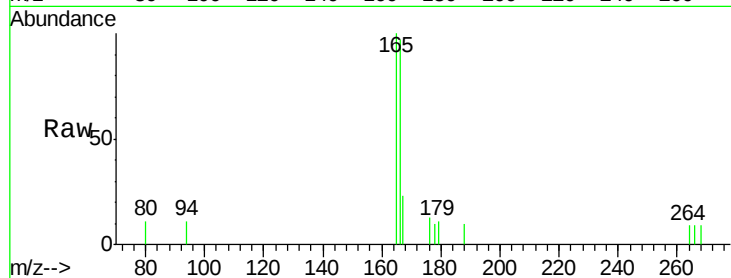
#9
Fluorene
 Concen: 0.082 ng/ul
 RT: 15.98 min Scan# 2489
 Delta R.T. 0.01 min
 Lab File: BE096191.D
 Acq: 26 Apr 2018 22:19

Instrument :
 BNA_E
 ClientSampleId :
 C0AD9

Tot Ion	Ratio	Lower	Upper
166	100		
165	103.3	73.4	110.2
167	24.0	14.6	22.0

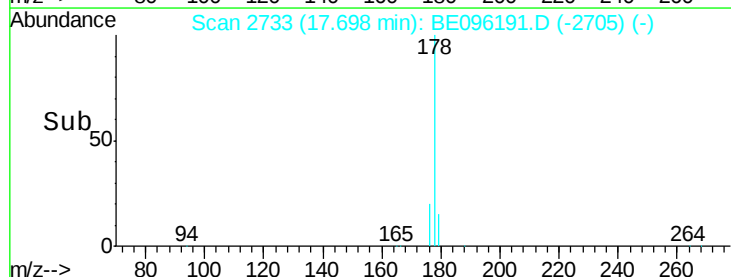
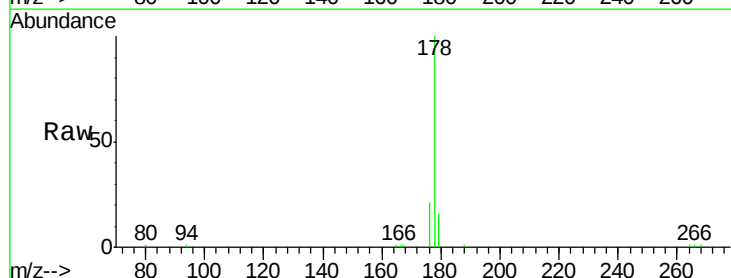
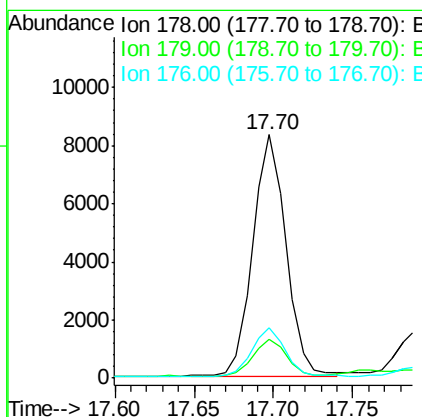
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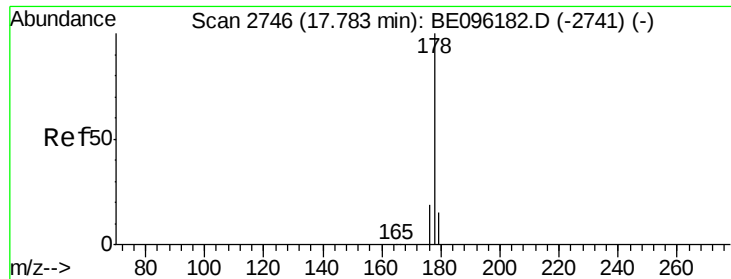
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#12
Phenanthrene
 Concen: 1.092 ng/ul m
 RT: 17.70 min Scan# 2733
 Delta R.T. -0.00 min
 Lab File: BE096191.D
 Acq: 26 Apr 2018 22:19

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.8	18.4	27.6
176	20.6	13.6	20.4





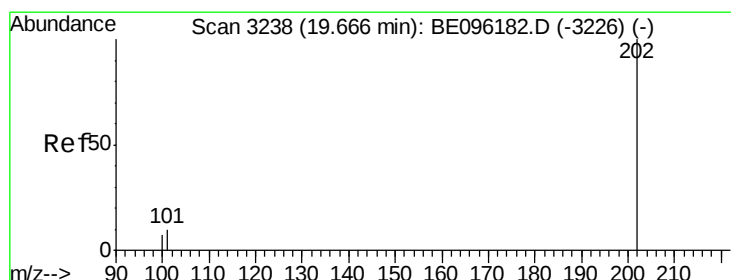
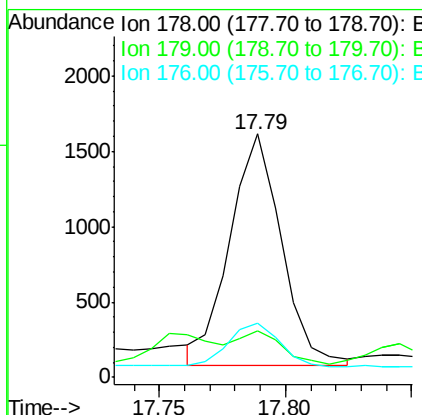
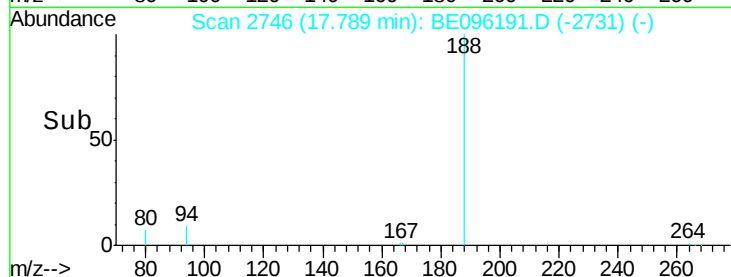
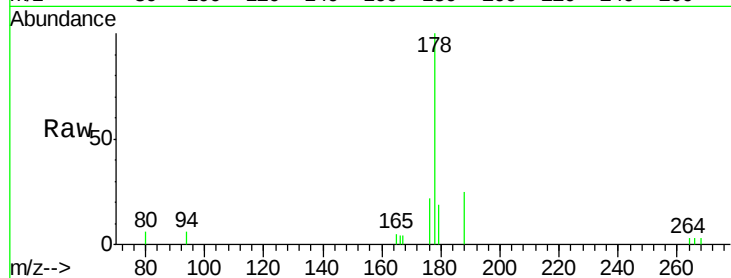
#13
 Anthracene
 Concen: 0.198 ng/ul m
 RT: 17.79 min Scan# 2746
 Delta R.T. 0.01 min
 Lab File: BE096191.D
 Acq: 26 Apr 2018 22:19

Instrument :
 BNA_E
 ClientSampleId :
 C0AD9

Tot Ion	Ratio	Lower	Upper
178	100		
179	18.9	18.1	27.1
176	22.2	14.7	22.1#

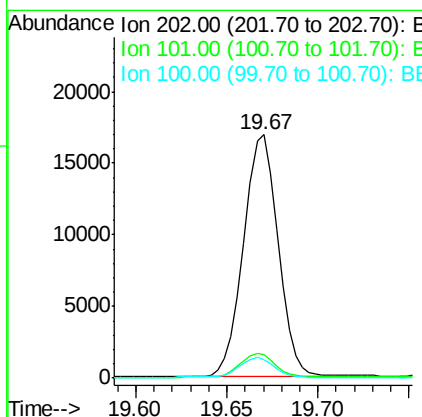
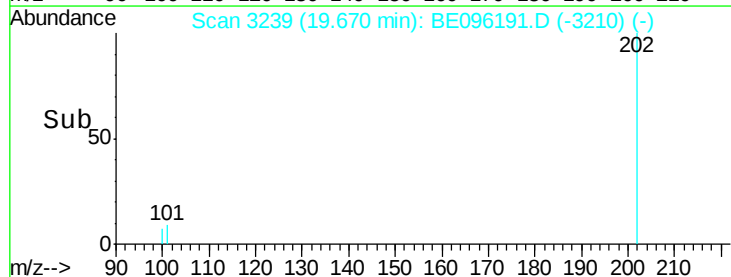
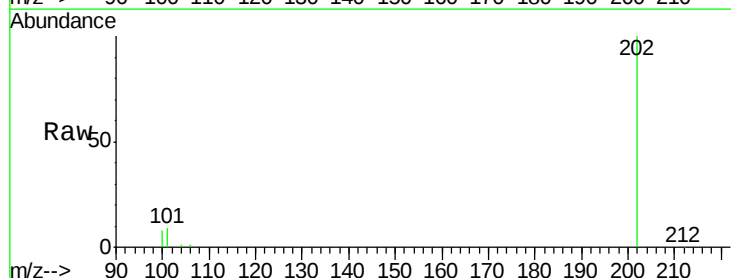
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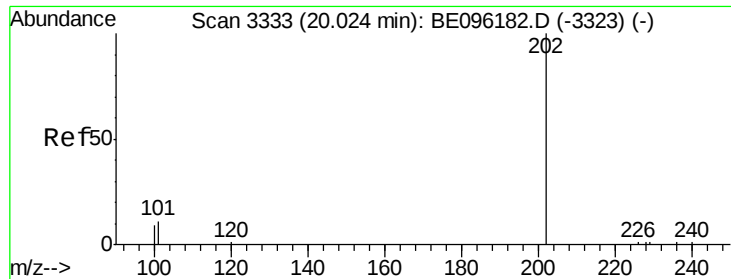
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#15
 Fluoranthene
 Concen: 1.304 ng/ul m
 RT: 19.67 min Scan# 3239
 Delta R.T. 0.00 min
 Lab File: BE096191.D
 Acq: 26 Apr 2018 22:19

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.4	0.0	30.3
100	7.6	0.0	39.5





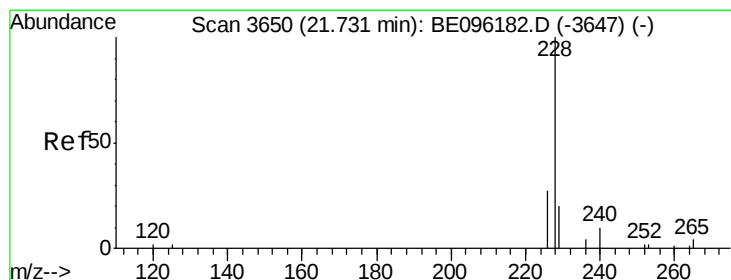
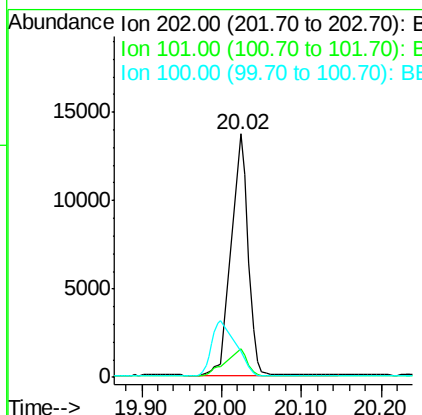
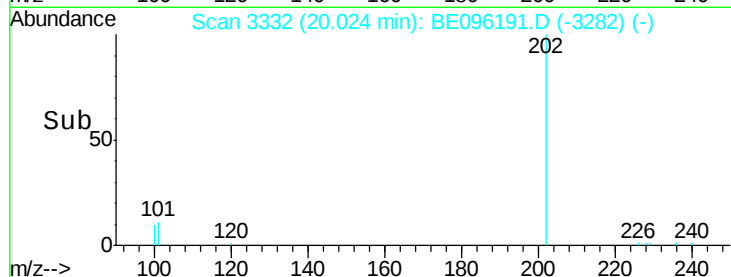
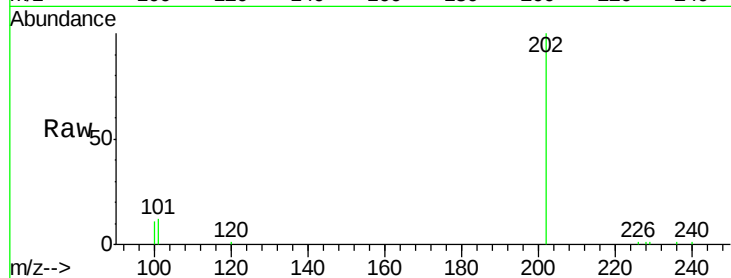
#17
 Pvrene
 Concen: 1.250 ng/ul
 RT: 20.02 min Scan# 3332
 Delta R.T. -0.00 min
 Lab File: BE096191.D
 Acq: 26 Apr 2018 22:19

Instrument :
 BNA_E
 ClientSampleId :
 C0AD9

Tot Ion	Ratio	Lower	Upper
202	100		
101	11.5	18.2	27.4#
100	10.8	15.6	23.4#

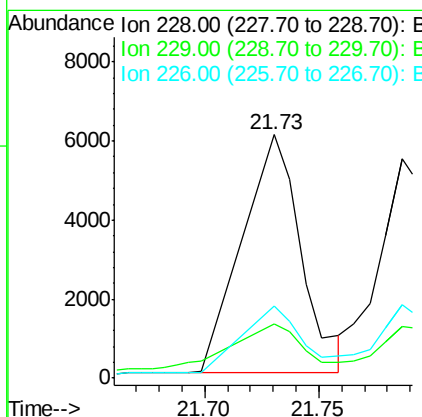
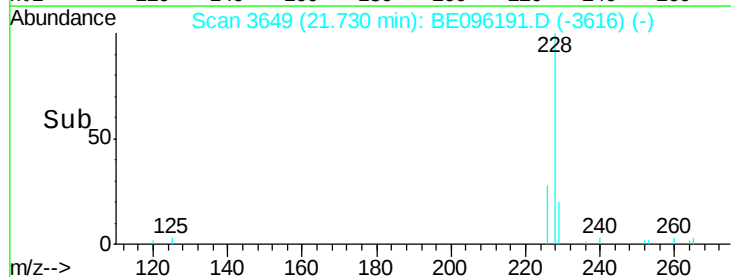
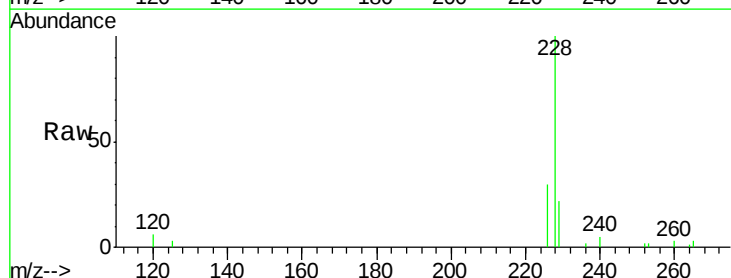
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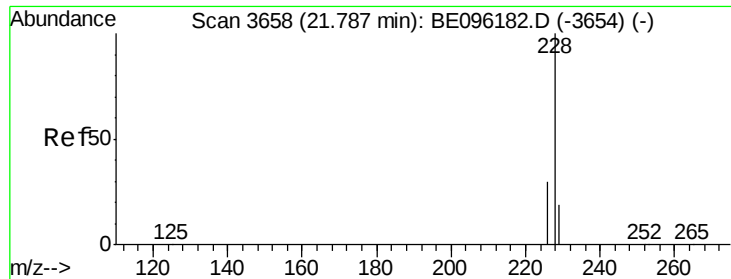
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#18
 Benzo(a)anthracene
 Concen: 0.667 ng/ul
 RT: 21.73 min Scan# 3649
 Delta R.T. -0.00 min
 Lab File: BE096191.D
 Acq: 26 Apr 2018 22:19

Tgt Ion	Ratio	Lower	Upper
228	100		
229	22.3	22.8	34.2#
226	29.6	17.0	25.6#





#19

Chrysene

Concen: 0.631 ng/ul

RT: 21.79 min Scan# 3657

Delta R.T. -0.00 min

Lab File: BE096191.D

Acq: 26 Apr 2018 22:19

Instrument :

BNA_E

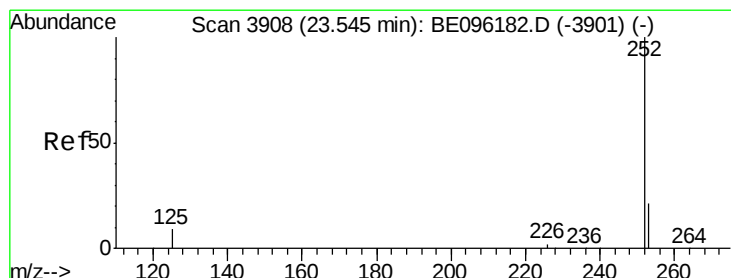
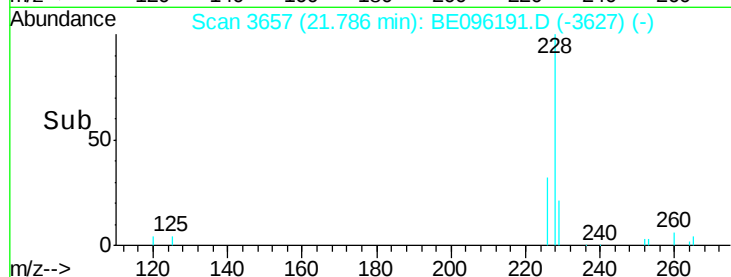
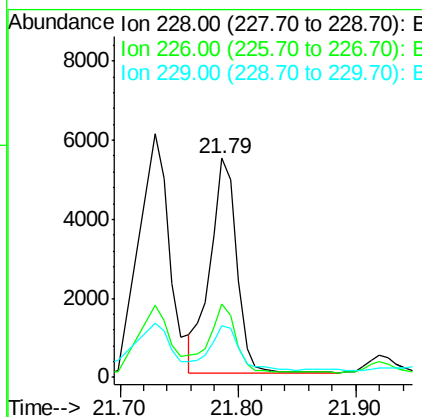
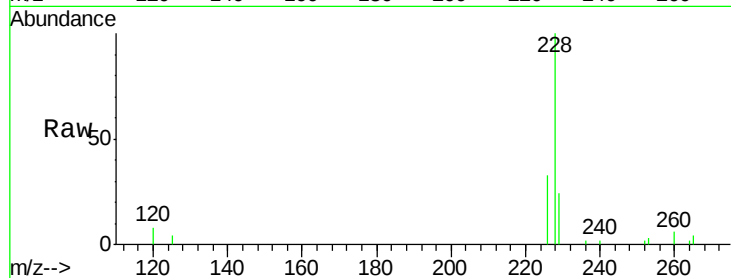
ClientSampleId :

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Tot Ion:	228	Resp:	8478
Ion Ratio	Lower	Upper	
228	100		
226	33.4	23.4	35.0
229	23.8	17.7	26.5

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#21

Benzo(b)fluoranthene

Concen: 0.819 ng/ul m

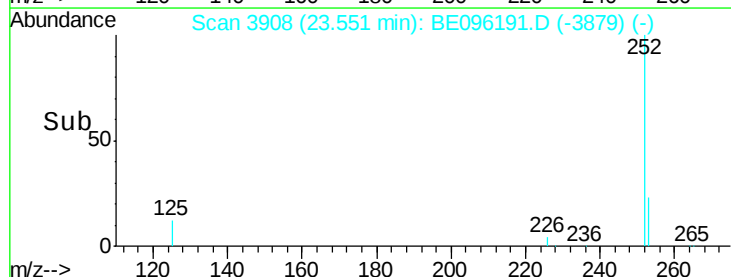
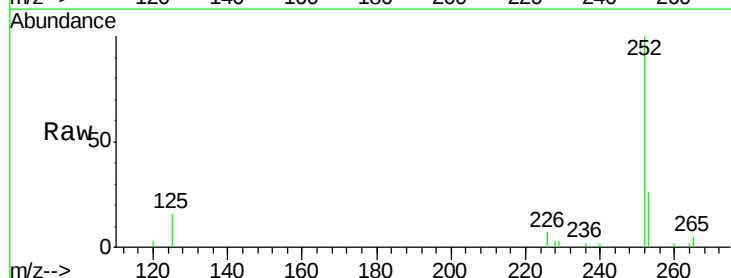
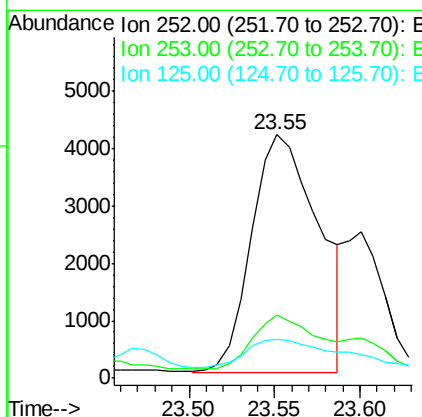
RT: 23.55 min Scan# 3908

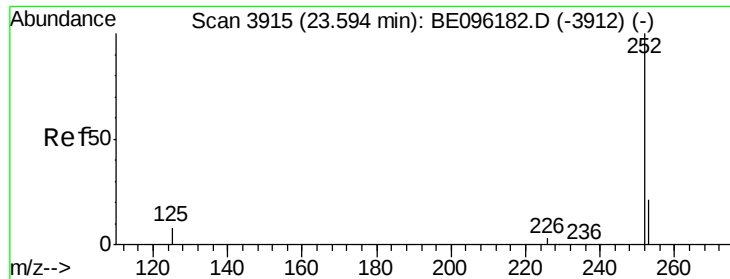
Delta R.T. 0.01 min

Lab File: BE096191.D

Acq: 26 Apr 2018 22:19

Tgt Ion:	252	Resp:	11369
Ion Ratio	Lower	Upper	
252	100		
253	25.8	0.0	64.2
125	15.9	0.0	35.0





#22

Benzo(k)fluoranthene

Concen: 0.287 ng/ul m

RT: 23.60 min Scan# 3915

Delta R.T. 0.01 min

Lab File: BE096191.D

Acq: 26 Apr 2018 22:19

Instrument :

BNA_E

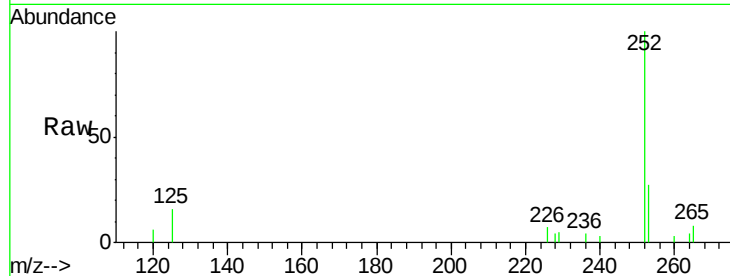
ClientSampled :

C0AD9

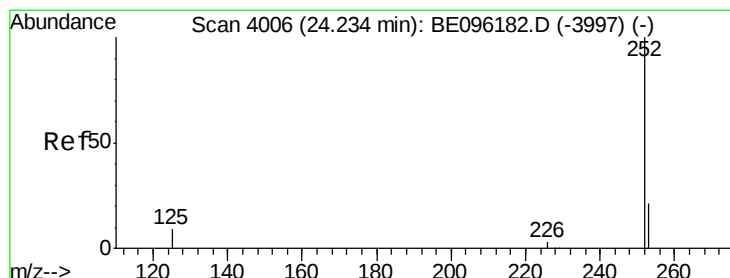
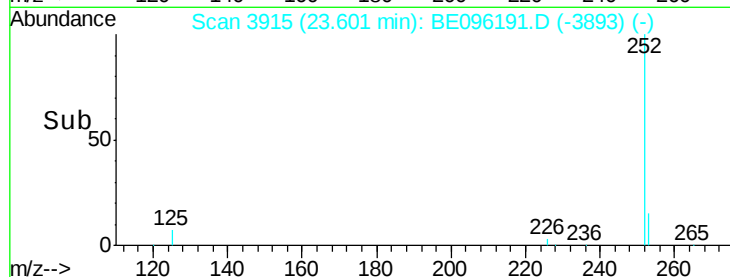
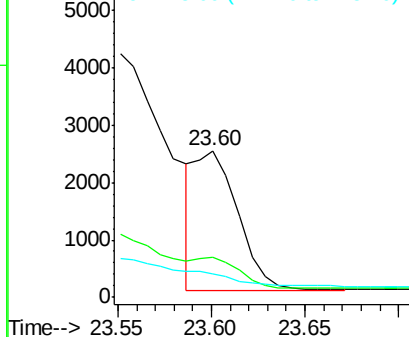
Tot Ion:	252	Resp:	3815
Ion Ratio	Lower	Upper	
252	100		
253	27.4	24.5	36.7
125	16.2	13.7	20.5

Manual Integrations
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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: 0.672 ng/ul

RT: 24.24 min Scan# 4006

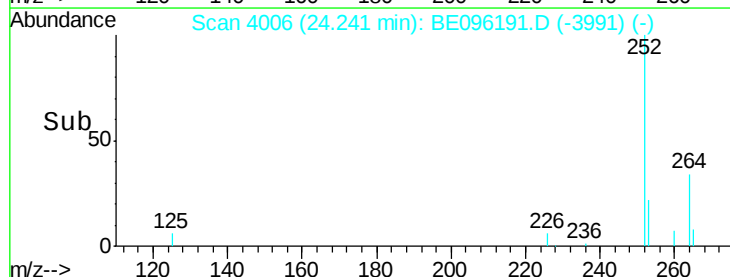
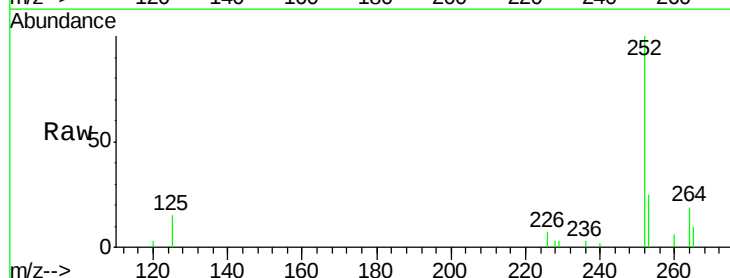
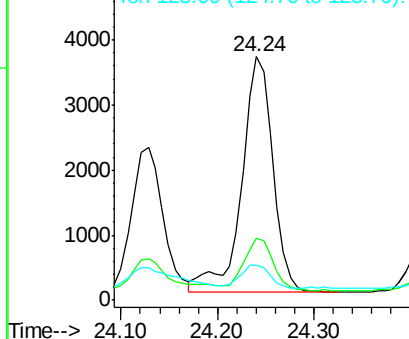
Delta R.T. 0.01 min

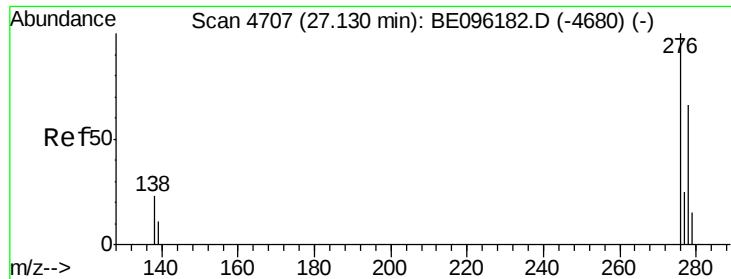
Lab File: BE096191.D

Acq: 26 Apr 2018 22:19

Tgt Ion:	252	Resp:	8103
Ion Ratio	Lower	Upper	
252	100		
253	25.4	28.5	42.7#
125	14.6	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





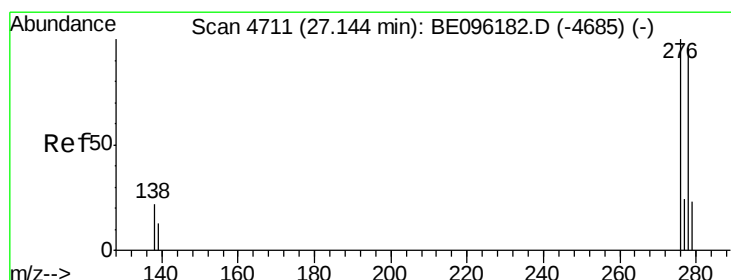
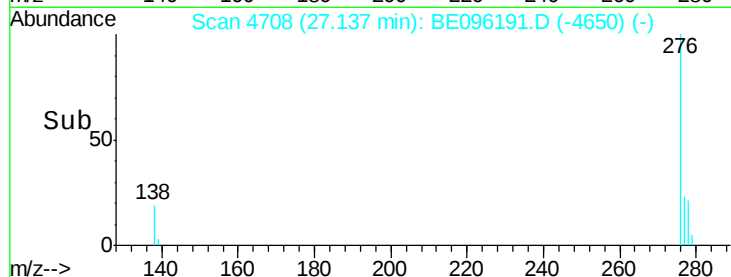
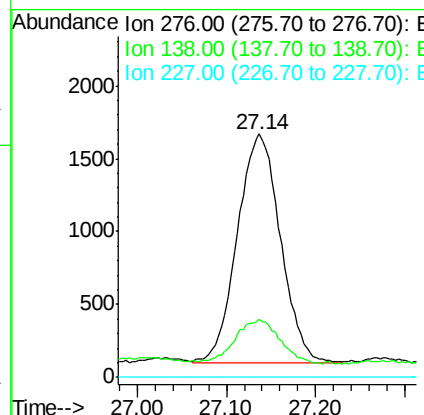
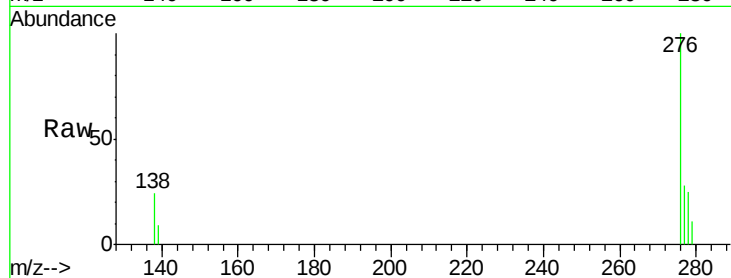
#24
Indeno(1,2,3-cd)pyrene
Concen: 0.322 ng/ul
RT: 27.14 min Scan# 4708
Delta R.T. 0.01 min
Lab File: BE096191.D
Acq: 26 Apr 2018 22:19

Instrument :
BNA_E
ClientSampleId :
C0AD9

Tot Ion	Ratio	Lower	Upper
276	100		
138	19.9	28.0	42.0#
227	0.0	8.0	12.0#

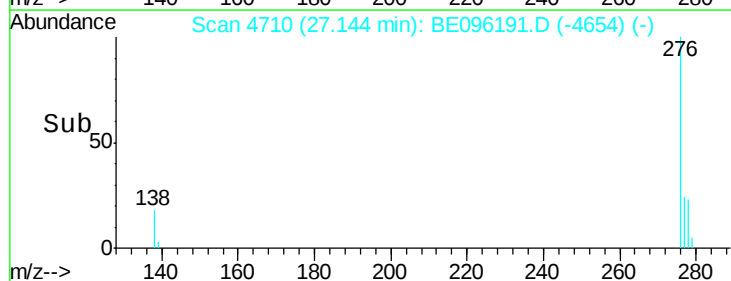
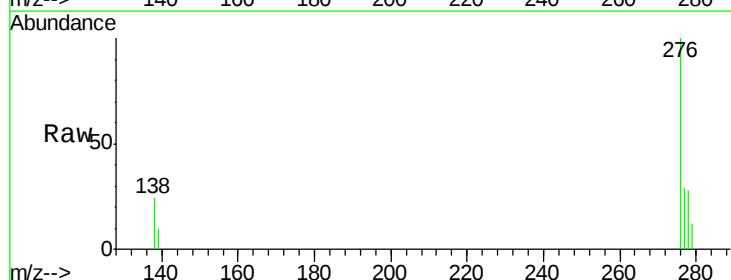
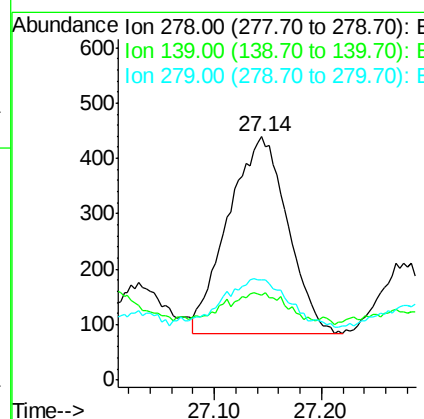
Manual Integrations
APPROVED

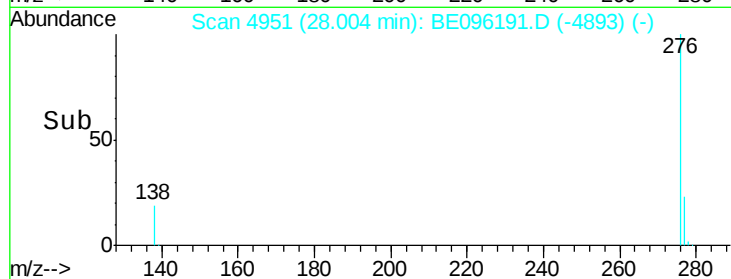
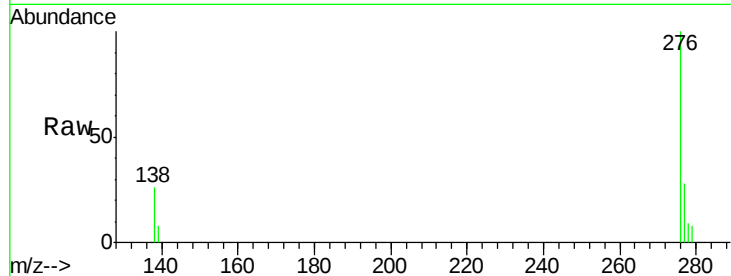
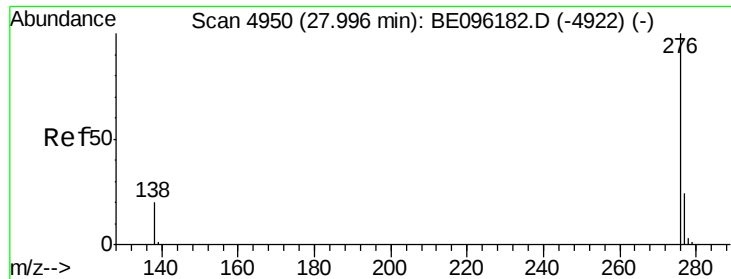
Sohil
4/27/2018 7:29:34 PM



#25
Dibenzo(a,h)anthracene
Concen: 0.101 ng/ul
RT: 27.14 min Scan# 4710
Delta R.T. 0.00 min
Lab File: BE096191.D
Acq: 26 Apr 2018 22:19

Tgt Ion	Ratio	Lower	Upper
278	100		
139	34.9	17.4	26.0#
279	41.5	25.9	38.9#





#26
 Benzo(a,h,i)perylene
 Concen: 0.311 ng/ul
 RT: 28.00 min Scan# 4951
 Delta R.T. 0.01 min
 Lab File: BE096191.D
 Acq: 26 Apr 2018 22:19

Instrument :
 BNA_E
 ClientSampleId :
 C0AD9

Tot Ion	Ratio	Lower	Upper
276	100		
138	26.0	21.8	32.8
277	28.3	20.5	30.7

Manual Integrations
 APPROVED

Sohil
 4/27/2018 7:29:34 PM

