

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE070618\
 Data File : BE096866.D
 Acq On : 6 Jul 2018 23:03
 Operator : SJ/JU
 Sample : J3721-10
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 F1H21

Manual Integrations
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Sohil
 7/9/2018 4:14:12 PM

Quant Time: Jul 09 09:03:33 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE070618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jul 07 07:26:18 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	3944	0.40	ng/ul	0.00
2) Naphthalene-d8	10.14	136	21228	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.03	164	13765	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.78	188	32589m	0.40	ng/ul	0.00
16) Chrysene-d12	20.98	240	31570m	0.40	ng/ul	0.00
20) Perylene-d12	23.22	264	26417m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.74	152	12360	0.36	ng/ul	0.00
14) Fluoranthene-d10	18.81	212	32917m	0.41	ng/ul	0.00
Target Compounds				Qvalue		
3) Naphthalene	10.19	128	16994	0.331	ng/ul#	91
5) 2-Methylnaphthalene	11.82	142	2909	0.083	ng/ul	97
7) Acenaphthylene	13.74	152	39552	0.701	ng/ul	96
8) Acenaphthene	14.09	153	4465	0.096	ng/ul	96
9) Fluorene	15.08	166	3351	0.070	ng/ul	93
12) Phenanthrene	16.82	178	26769m	0.319	ng/ul	
13) Anthracene	16.91	178	32177m	0.451	ng/ul	
15) Fluoranthene	18.84	202	302537m	3.380	ng/ul	
17) Pyrene	19.21	202	656927	6.339	ng/ul#	79
18) Benzo(a)anthracene	20.96	228	297576m	3.996	ng/ul	
19) Chrysene	21.02	228	414077	4.292	ng/ul	98
21) Benzo(b)fluoranthene	22.54	252	1070276m	14.844	ng/ul	
22) Benzo(k)fluoranthene	22.58	252	250614m	3.184	ng/ul	
23) Benzo(a)pyrene	23.12	252	537783m	8.818	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.50	276	359613m	5.681	ng/ul	
25) Dibenzo(a,h)anthracene	25.52	278	84951m	1.689	ng/ul	
26) Benzo(g,h,i)perylene	26.21	276	294752m	4.797	ng/ul	

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

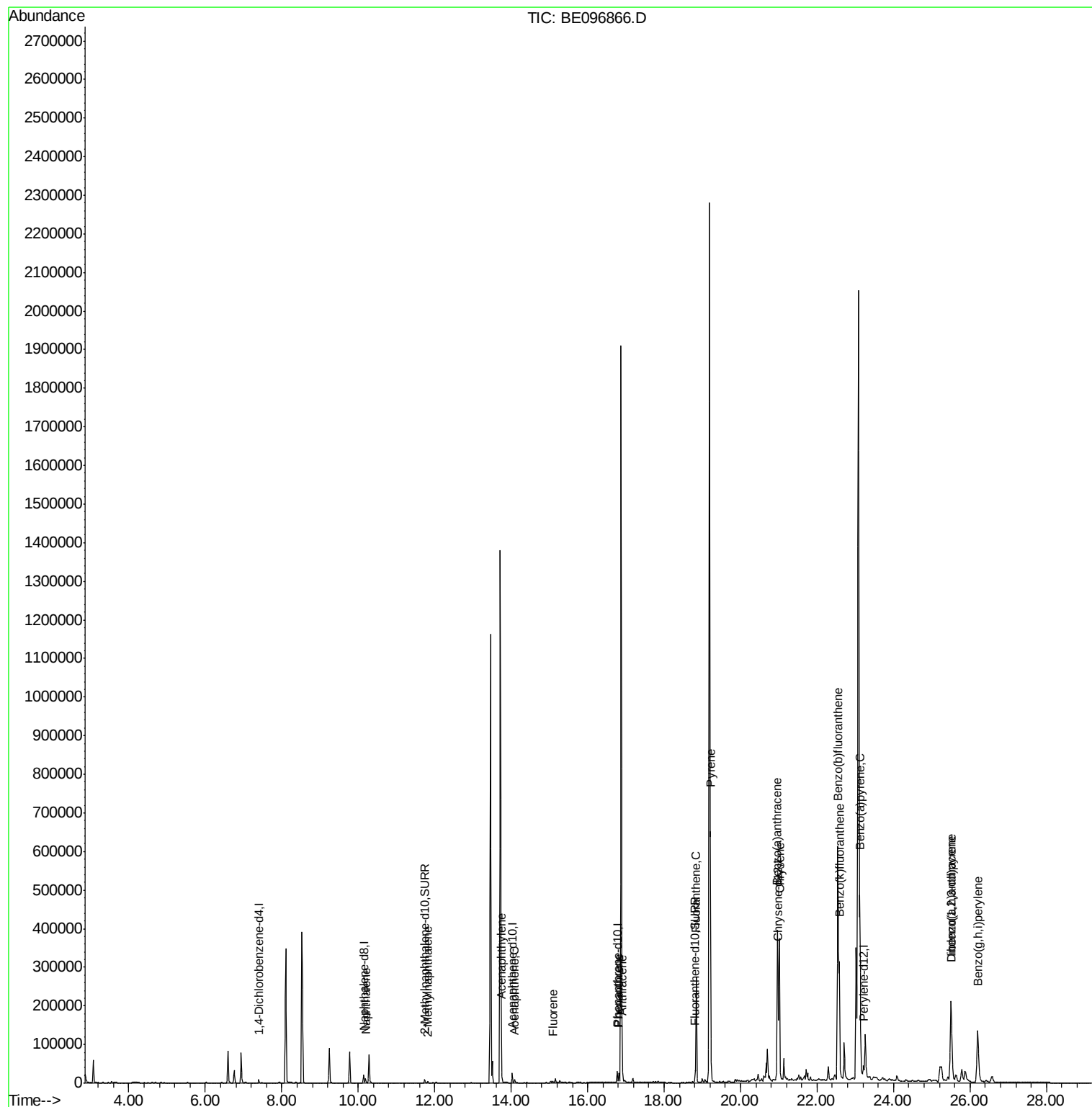
Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE070618\
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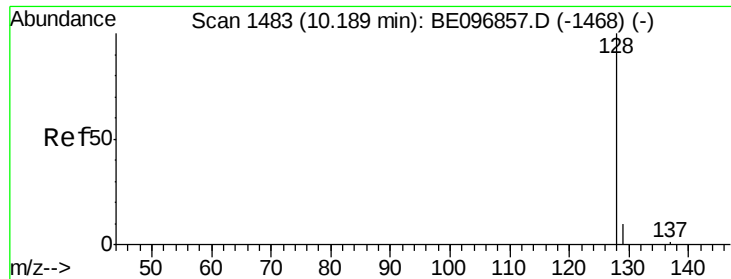
Instrument :
BNA_E
ClientSampleId :
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QLast Update : Sat Jul 07 07:26:18 2018
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#3

Naphthalene

Concen: 0.331 ng/ul

RT: 10.19 min Scan# 1484

Delta R.T. 0.00 min

Lab File: BE096866.D

Acq: 6 Jul 2018 23:03

Instrument :

BNA_E

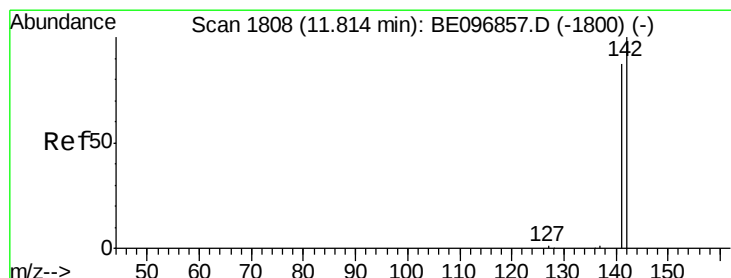
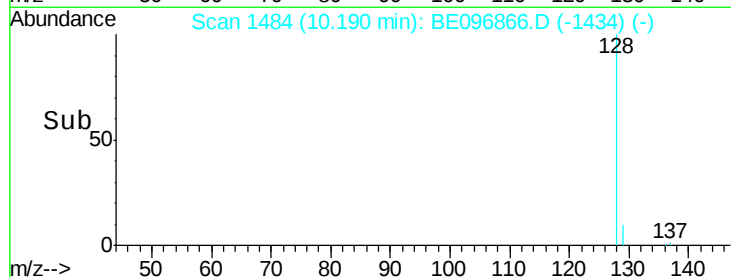
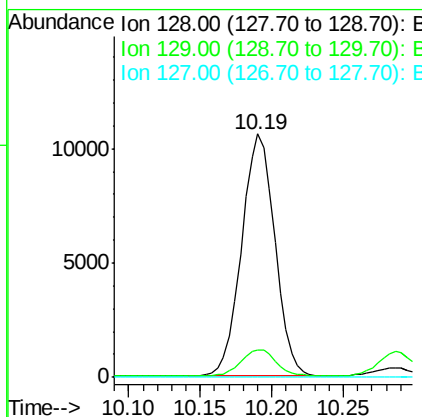
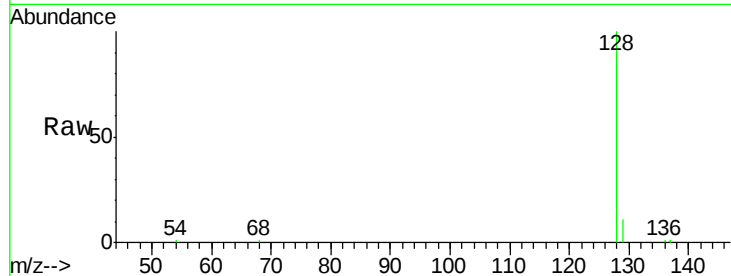
ClientSampleId :

F1H21

Tgt Ion:	128	Resp:	16994
Ion Ratio	Lower	Upper	
128	100		
129	11.4	11.3	16.9
127	0.0	4.0	6.0#

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#5

2-Methylnaphthalene

Concen: 0.083 ng/ul

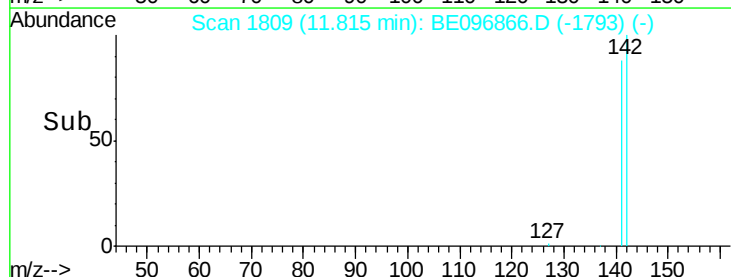
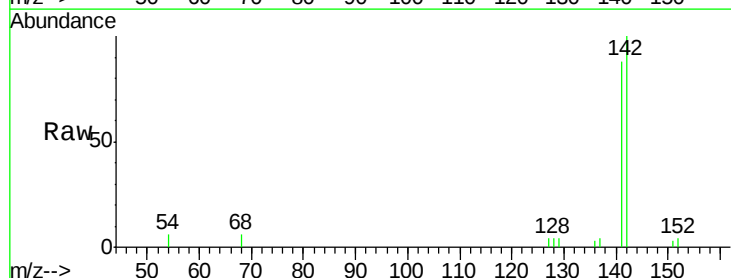
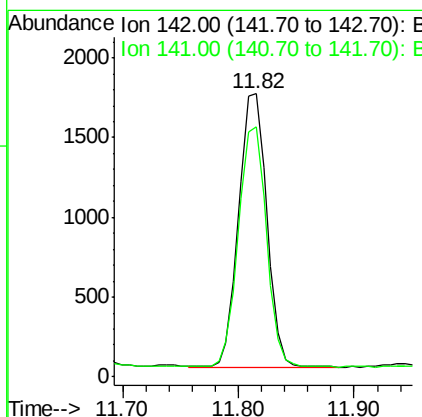
RT: 11.82 min Scan# 1809

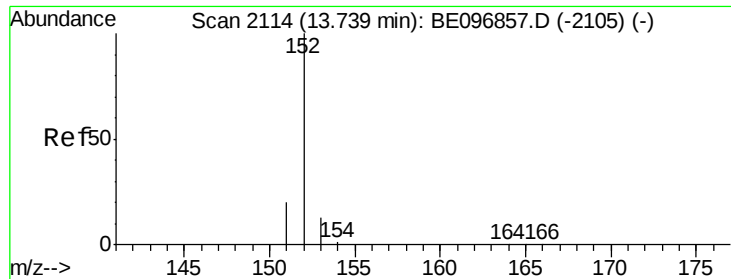
Delta R.T. 0.00 min

Lab File: BE096866.D

Acq: 6 Jul 2018 23:03

Tgt Ion:	142	Resp:	2909
Ion Ratio	Lower	Upper	
142	100		
141	87.8	72.6	108.8





#7

Acenaphthylene

Concen: 0.701 ng/ul

RT: 13.74 min Scan# 2115

Delta R.T. 0.01 min

Lab File: BE096866.D

Acq: 6 Jul 2018 23:03

Instrument :

BNA_E

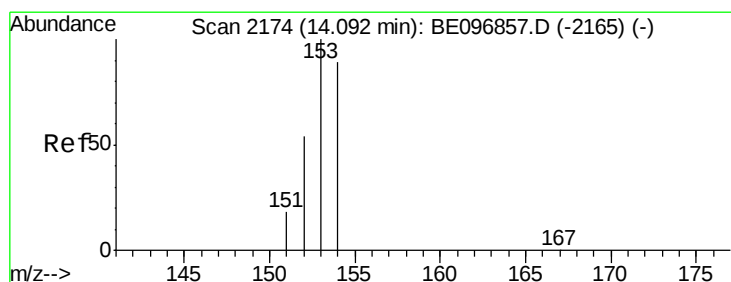
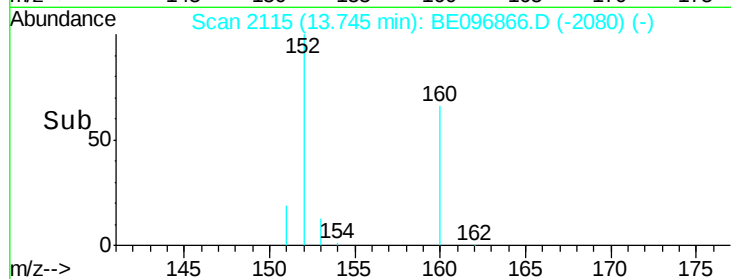
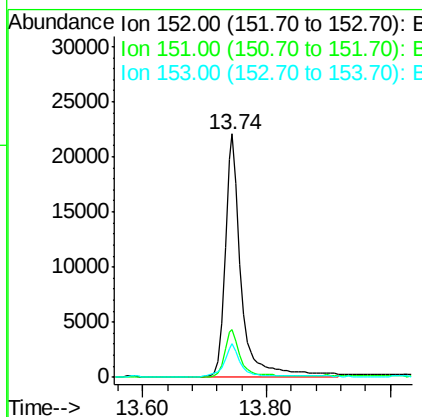
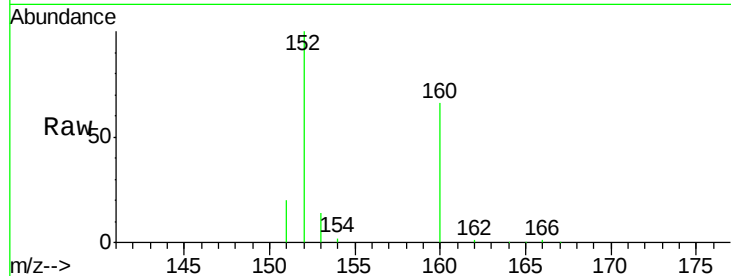
ClientSampleId :

F1H21

Tgt Ion:	152	Resp:	39552
Ion Ratio	Lower	Upper	
152	100		
151	19.7	17.1	25.7
153	13.7	12.8	19.2

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#8

Acenaphthene

Concen: 0.096 ng/ul

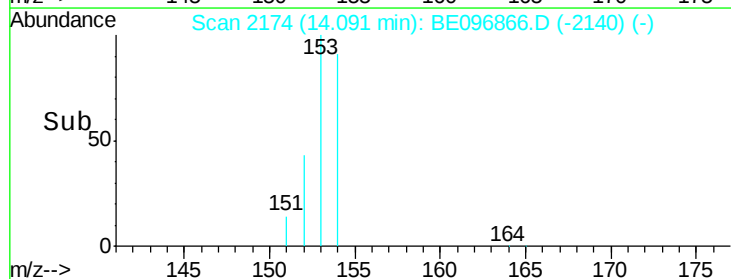
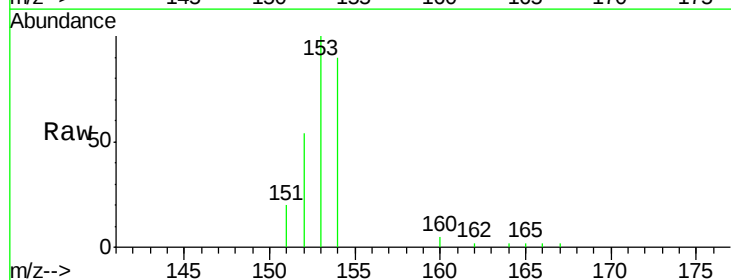
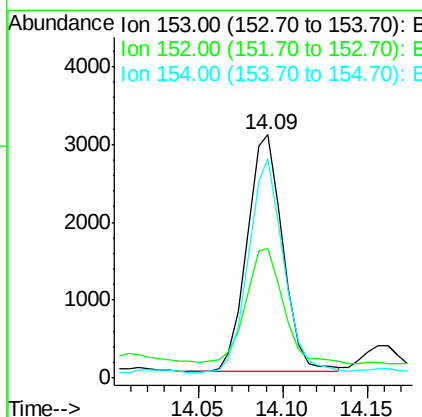
RT: 14.09 min Scan# 2174

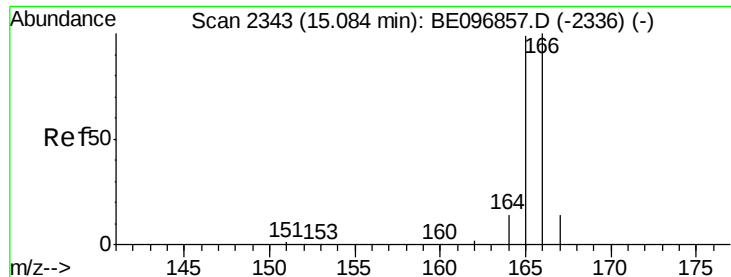
Delta R.T. -0.00 min

Lab File: BE096866.D

Acq: 6 Jul 2018 23:03

Tgt Ion:	153	Resp:	4465
Ion Ratio	Lower	Upper	
153	100		
152	53.5	36.0	54.0
154	90.1	72.0	108.0





#9

Fluorene

Concen: 0.070 ng/ul

RT: 15.08 min Scan# 2343

Delta R.T. -0.00 min

Lab File: BE096866.D

Acq: 6 Jul 2018 23:03

Instrument :

BNA_E

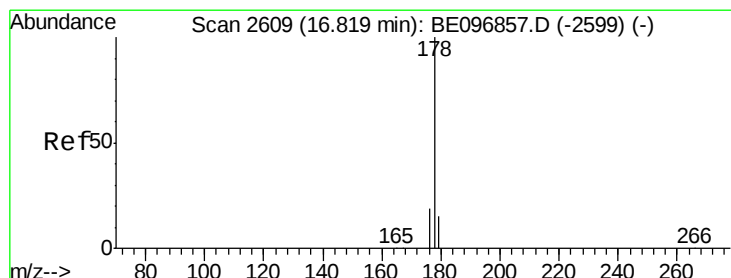
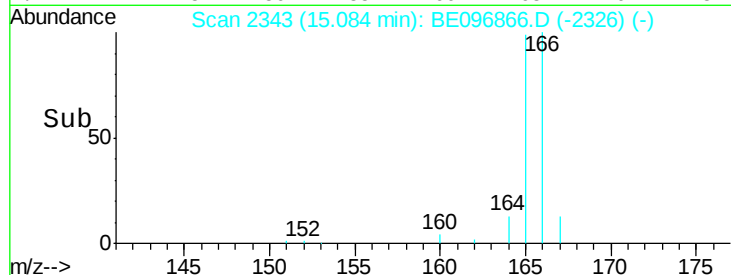
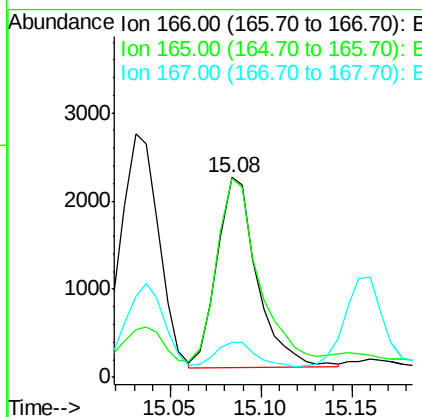
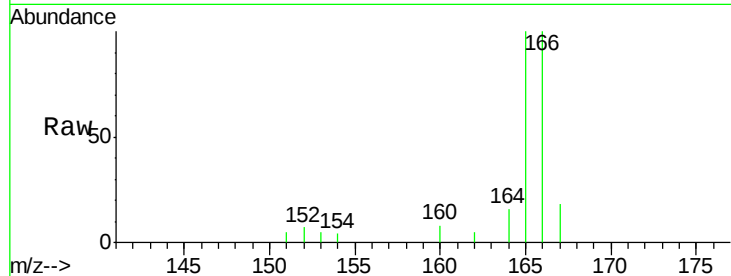
ClientSampleId :

F1H21

Tgt Ion:	166	Resp:	3351
Ion Ratio	Lower	Upper	
166	100		
165	99.6	73.4	110.2
167	17.6	14.6	22.0

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#12

Phenanthrene

Concen: 0.319 ng/ul m

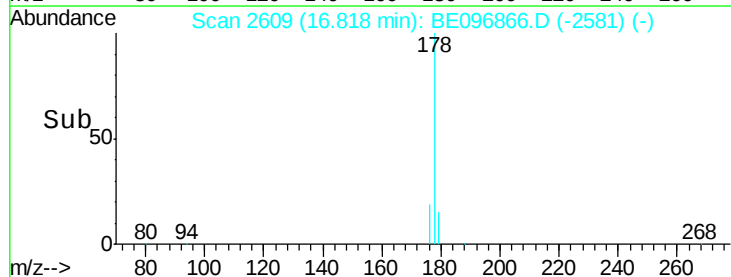
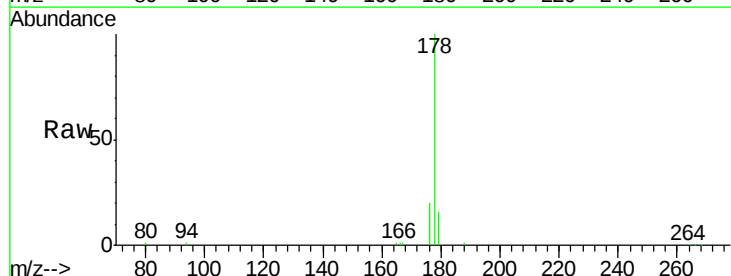
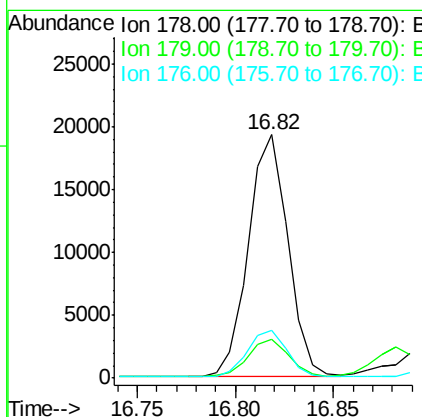
RT: 16.82 min Scan# 2609

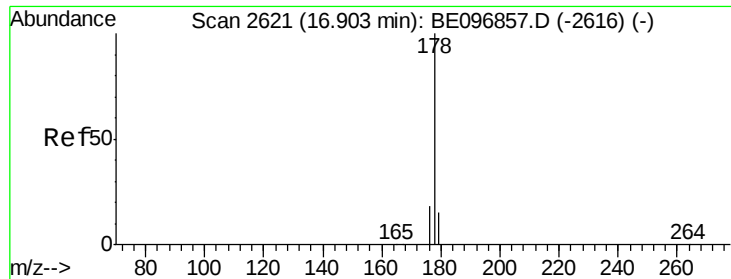
Delta R.T. -0.00 min

Lab File: BE096866.D

Acq: 6 Jul 2018 23:03

Tgt Ion:	178	Resp:	26769
Ion Ratio	Lower	Upper	
178	100		
179	16.1	18.4	27.6#
176	19.6	13.6	20.4





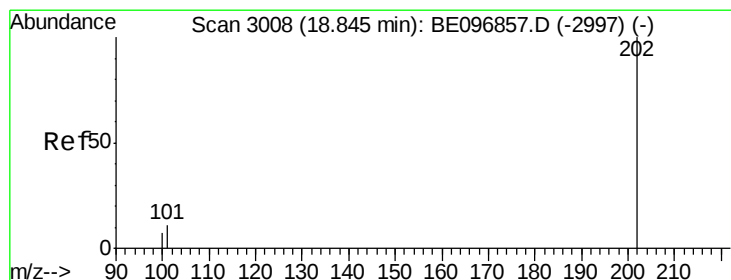
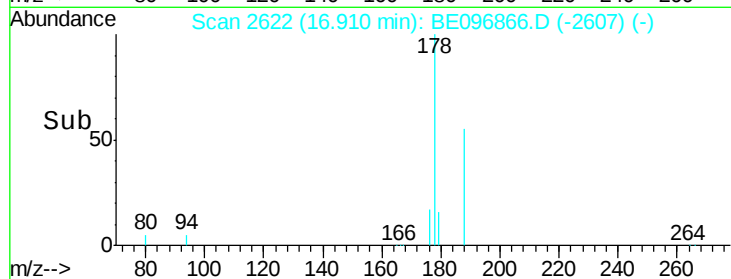
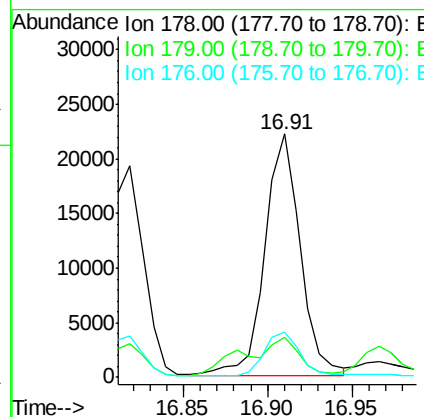
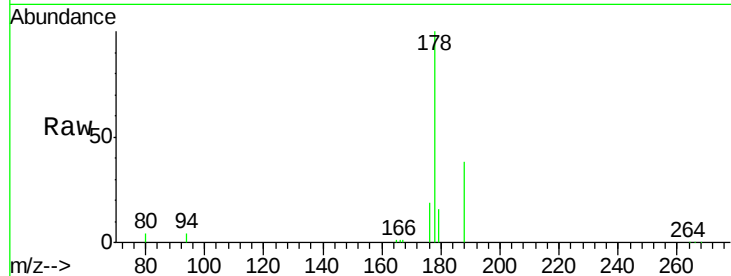
#13
 Anthracene
 Concen: 0.451 ng/ul m
 RT: 16.91 min Scan# 2622
 Delta R.T. 0.01 min
 Lab File: BE096866.D
 Acq: 6 Jul 2018 23:03

Instrument :
 BNA_E
 ClientSampleId :
 F1H21

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.2	18.1	27.1#
176	18.7	14.7	22.1

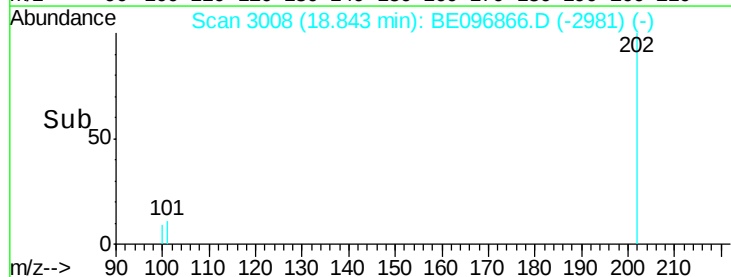
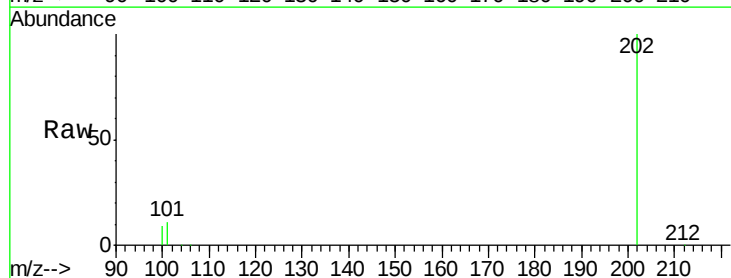
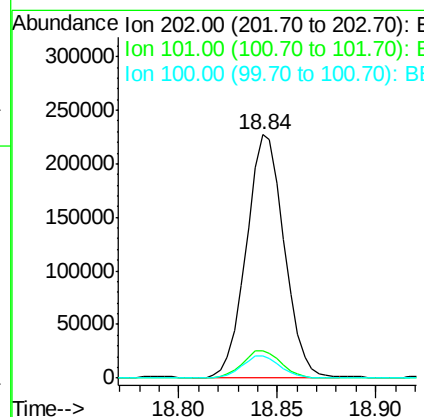
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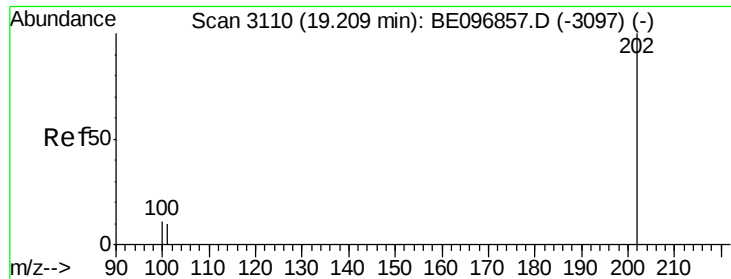
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#15
 Fluoranthene
 Concen: 3.380 ng/ul m
 RT: 18.84 min Scan# 3008
 Delta R.T. -0.00 min
 Lab File: BE096866.D
 Acq: 6 Jul 2018 23:03

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.4	0.0	30.3
100	9.1	0.0	39.5





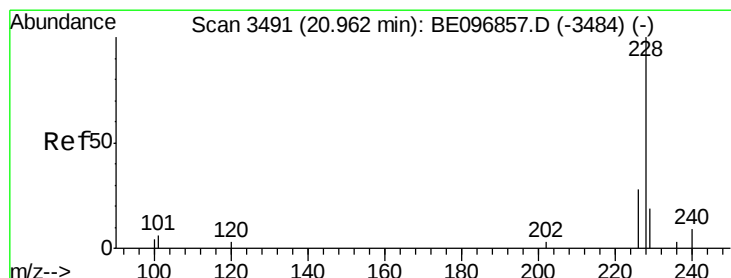
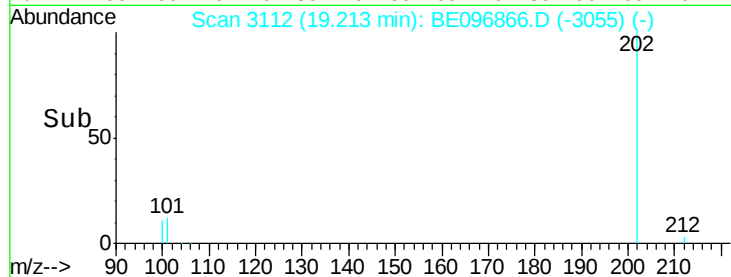
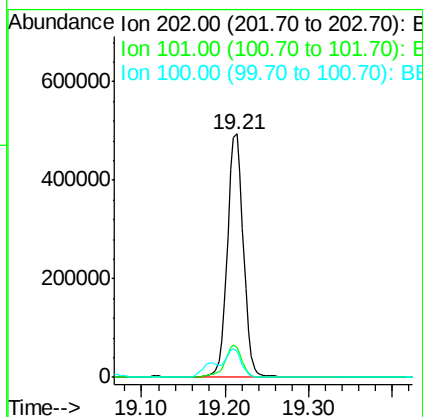
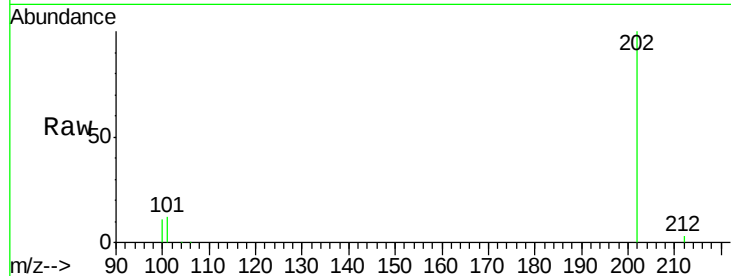
#17
Pyrene
Concen: 6.339 ng/ul
RT: 19.21 min Scan# 3112
Delta R.T. 0.00 min
Lab File: BE096866.D
Acq: 6 Jul 2018 23:03

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Tgt Ion	Ratio	Resp	Lower	Upper
202	100	656927		
101	12.5	18.2	27.4#	
100	10.6	15.6	23.4#	

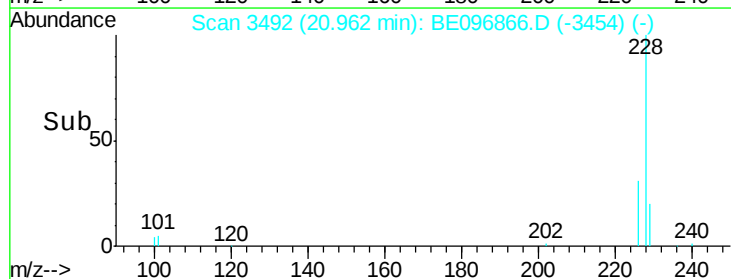
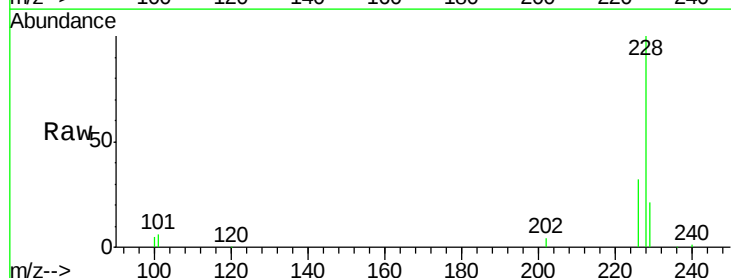
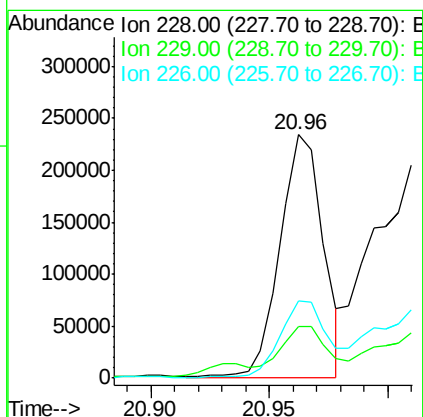
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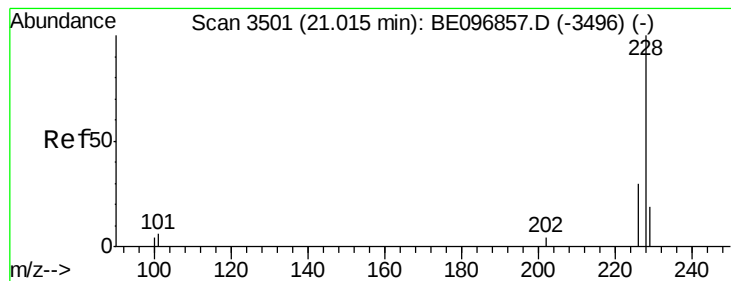
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#18
Benzo(a)anthracene
Concen: 3.996 ng/ul m
RT: 20.96 min Scan# 3492
Delta R.T. 0.00 min
Lab File: BE096866.D
Acq: 6 Jul 2018 23:03

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	297576		
229	21.3	22.8	34.2#	
226	31.7	17.0	25.6#	





#19

Chrysene

Concen: 4.292 ng/ul

RT: 21.02 min Scan# 3502

Delta R.T. 0.00 min

Lab File: BE096866.D

Acq: 6 Jul 2018 23:03

Instrument :

BNA_E

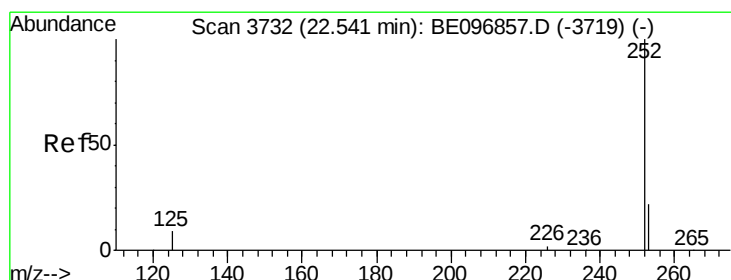
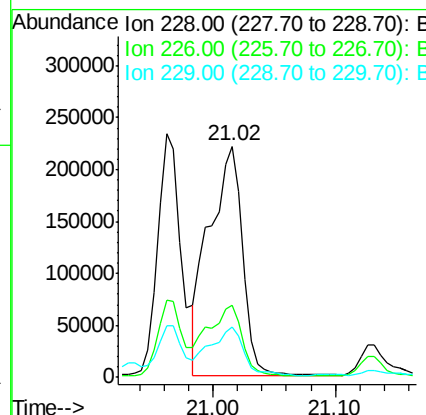
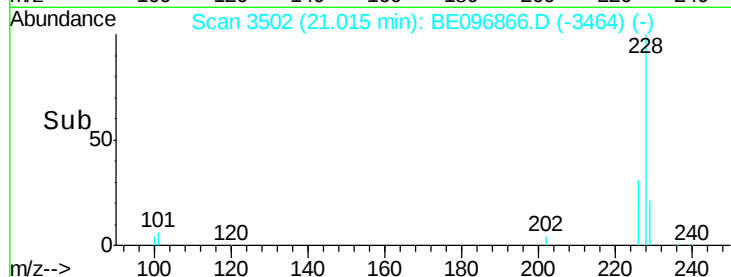
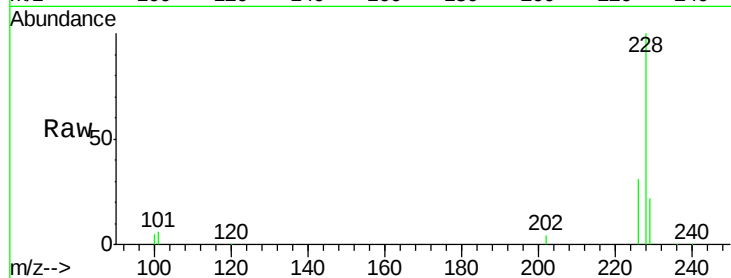
ClientSampleId :

F1H21

Tgt Ion:	228	Resp:	414077
Ion Ratio	Lower	Upper	
228	100		
226	31.0	23.4	35.0
229	21.6	17.7	26.5

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#21

Benzo(b)fluoranthene

Concen: 14.844 ng/ul m

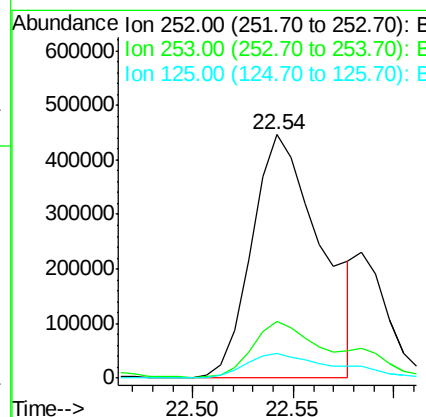
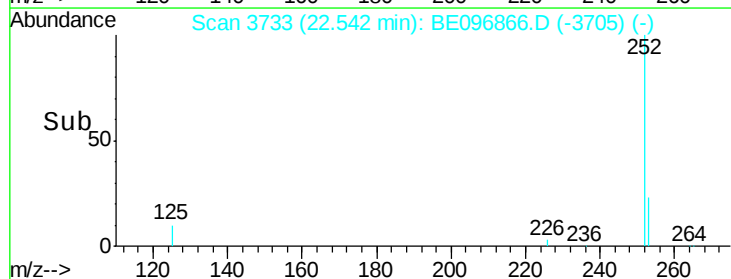
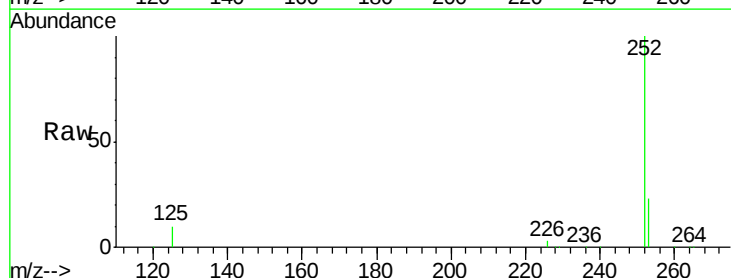
RT: 22.54 min Scan# 3733

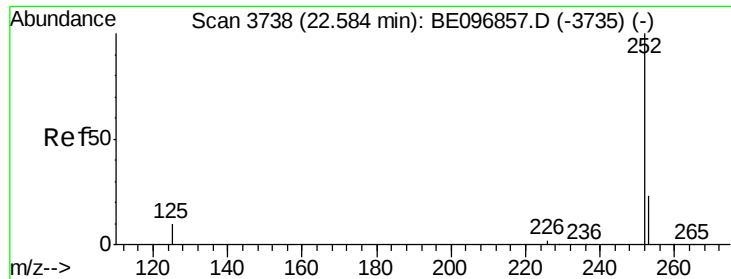
Delta R.T. 0.00 min

Lab File: BE096866.D

Acq: 6 Jul 2018 23:03

Tgt Ion:	252	Resp:	1070276
Ion Ratio	Lower	Upper	
252	100		
253	23.1	0.0	64.2
125	10.1	0.0	35.0





#22

Benzo(k)fluoranthene

Concen: 3.184 ng/ul m

RT: 22.58 min Scan# 3739

Delta R.T. 0.00 min

Lab File: BE096866.D

Acq: 6 Jul 2018 23:03

Instrument :

BNA_E

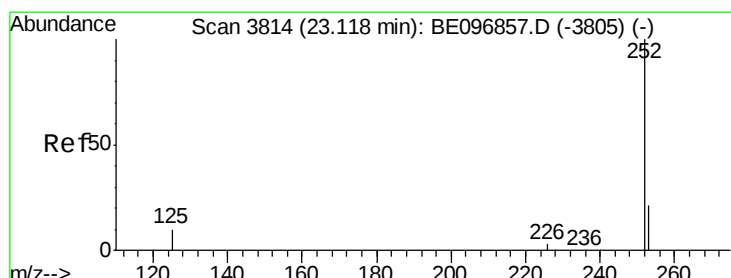
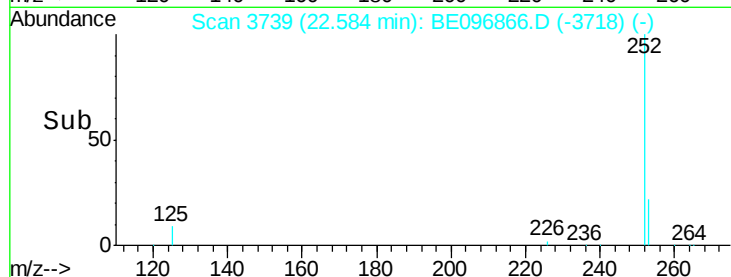
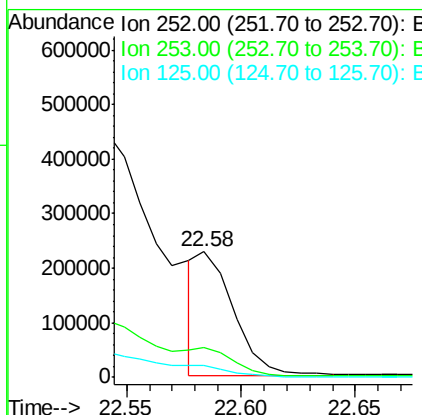
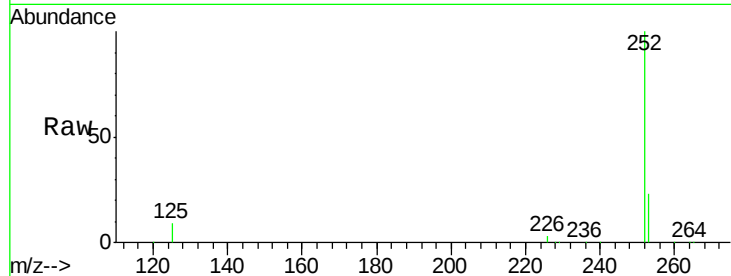
ClientSampled :

F1H21

Tgt Ion:	252	Resp:	250614
Ion Ratio	Lower	Upper	
252	100		
253	23.3	24.5	36.7#
125	9.3	13.7	20.5#

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#23

Benzo(a)pyrene

Concen: 8.818 ng/ul m

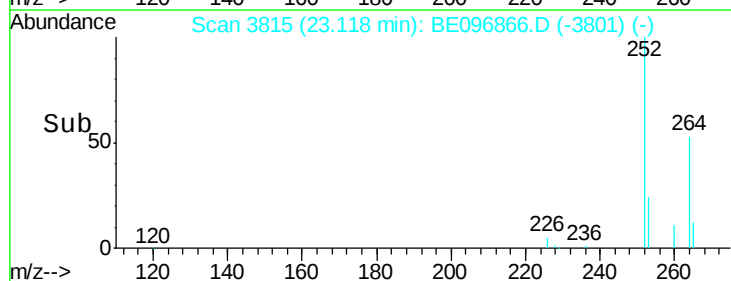
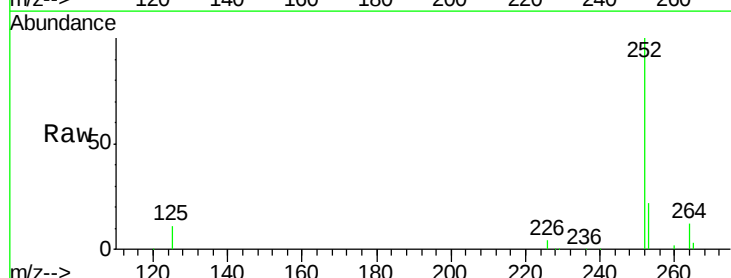
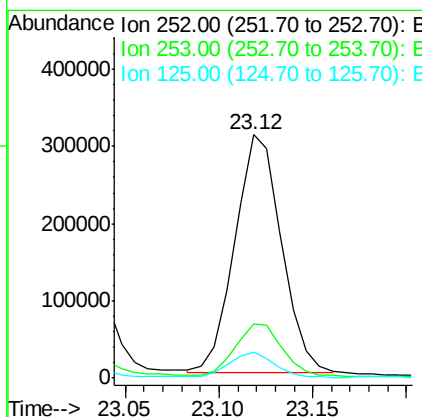
RT: 23.12 min Scan# 3815

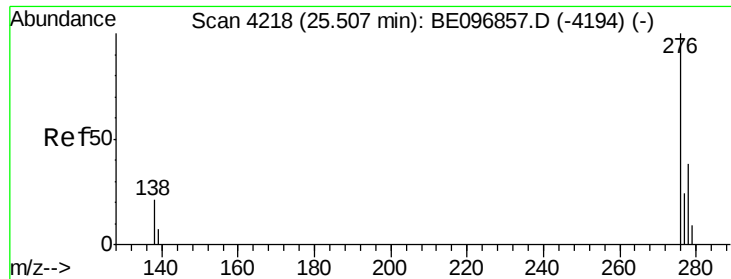
Delta R.T. 0.00 min

Lab File: BE096866.D

Acq: 6 Jul 2018 23:03

Tgt Ion:	252	Resp:	537783
Ion Ratio	Lower	Upper	
252	100		
253	22.3	28.5	42.7#
125	10.7	18.1	27.1#





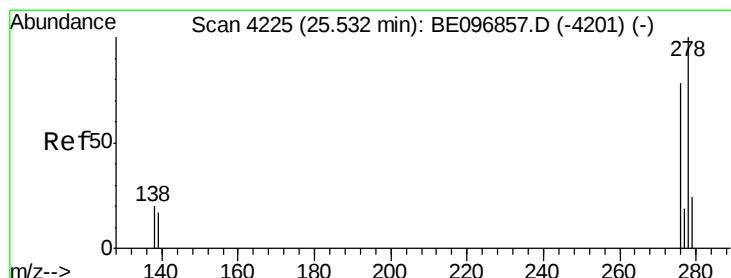
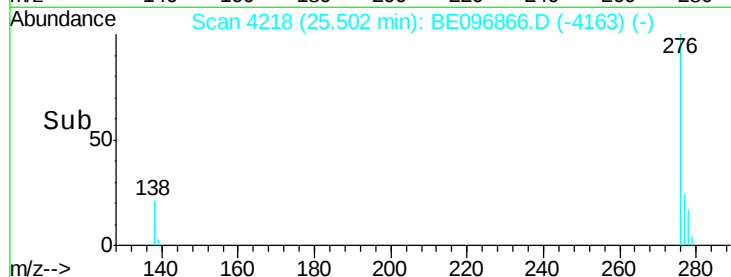
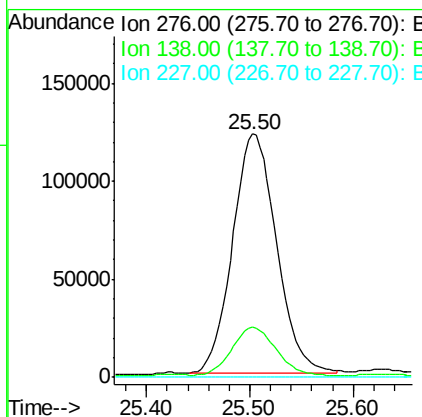
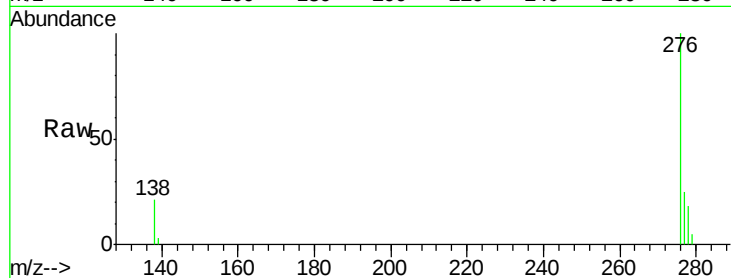
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 5.681 ng/ul m
 RT: 25.50 min Scan# 4218
 Delta R.T. -0.00 min
 Lab File: BE096866.D
 Acq: 6 Jul 2018 23:03

Instrument :
 BNA_E
 ClientSampleId :
 F1H21

Tgt Ion	Ratio	Resp Lower	Upper
276	100		
138	1.7	28.0	42.0#
227	0.0	8.0	12.0#

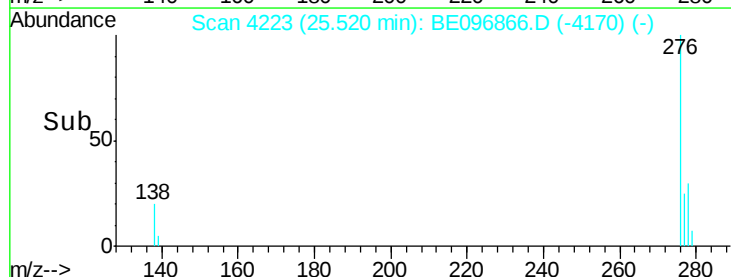
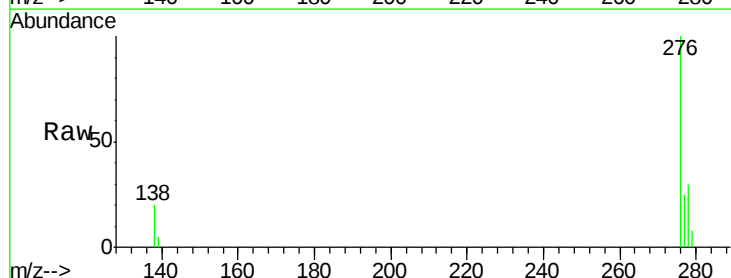
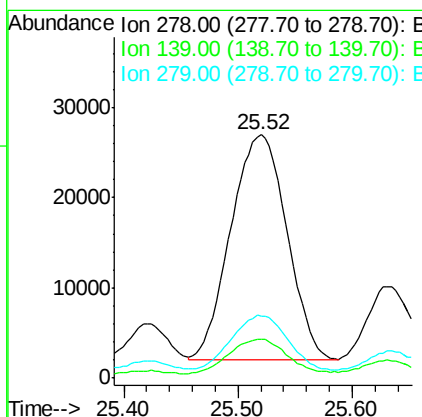
Manual Integrations
 APPROVED

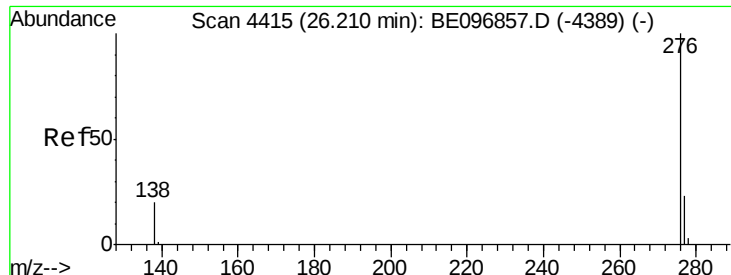
Sohil
 7/9/2018 4:14:12 PM



#25
 Dibenzo(a,h)anthracene
 Concen: 1.689 ng/ul m
 RT: 25.52 min Scan# 4223
 Delta R.T. -0.01 min
 Lab File: BE096866.D
 Acq: 6 Jul 2018 23:03

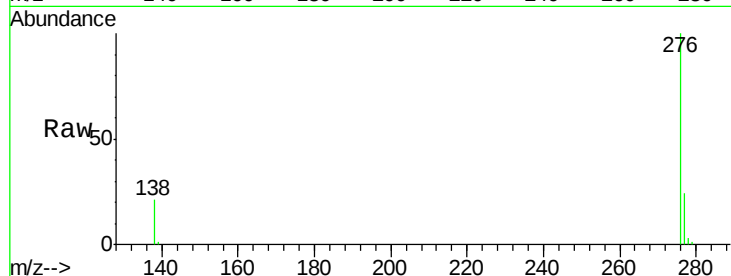
Tgt Ion	Ratio	Resp Lower	Upper
278	100		
139	15.9	17.4	26.0#
279	25.5	25.9	38.9#





#26
 Benzo(g,h,i)perylene
 Concen: 4.797 ng/ul m
 RT: 26.21 min Scan# 4415
 Delta R.T. -0.00 min
 Lab File: BE096866.D
 Acq: 6 Jul 2018 23:03

Instrument :
 BNA_E
 ClientSampleId :
 F1H21



Tgt Ion	Ratio	Lower	Upper
276	100		
138	21.2	21.8	32.8#
277	24.3	20.5	30.7

Manual Integrations
 APPROVED

Sohil
 7/9/2018 4:14:12 PM

