

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE070618\
 Data File : BE096867.D
 Acq On : 6 Jul 2018 23:42
 Operator : SJ/JU
 Sample : J3721-09
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 F1H20

Manual Integrations
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Quant Time: Jul 09 05:36:27 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 : Fri Jul 06 16:55:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	3835	0.40	ng/ul	0.00
2) Naphthalene-d8	10.14	136	20405	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.03	164	12989	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.78	188	30993m	0.40	ng/ul	0.00
16) Chrysene-d12	20.98	240	30547m	0.40	ng/ul	0.00
20) Perylene-d12	23.22	264	28318m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.74	152	8484	0.25	ng/ul	0.00
14) Fluoranthene-d10	18.81	212	23098m	0.30	ng/ul	0.00
Target Compounds				Qvalue		
3) Naphthalene	10.19	128	3459	0.070	ng/ul#	95
5) 2-Methylnaphthalene	11.81	142	961	0.029	ng/ul	98
7) Acenaphthylene	13.74	152	69109	1.298	ng/ul	96
8) Acenaphthene	14.09	153	2121	0.048	ng/ul#	86
9) Fluorene	15.08	166	6645	0.147	ng/ul	91
12) Phenanthrene	16.82	178	39905m	0.499	ng/ul	
13) Anthracene	16.91	178	75224m	1.109	ng/ul	
15) Fluoranthene	18.85	202	249912m	2.936	ng/ul	
17) Pyrene	19.21	202	693404	6.915	ng/ul#	82
18) Benzo(a)anthracene	20.97	228	632839m	8.783	ng/ul	
19) Chrysene	21.02	228	1023925	10.969	ng/ul	96
21) Benzo(b)fluoranthene	22.55	252	2340269m	30.280	ng/ul	
22) Benzo(k)fluoranthene	22.59	252	718052m	8.510	ng/ul	
23) Benzo(a)pyrene	23.13	252	1318999m	20.177	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.52	276	834949	12.304	ng/ul#	75
25) Dibenzo(a,h)anthracene	25.52	278	214248m	3.974	ng/ul	
26) Benzo(g,h,i)perylene	26.21	276	662119	10.052	ng/ul#	93

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

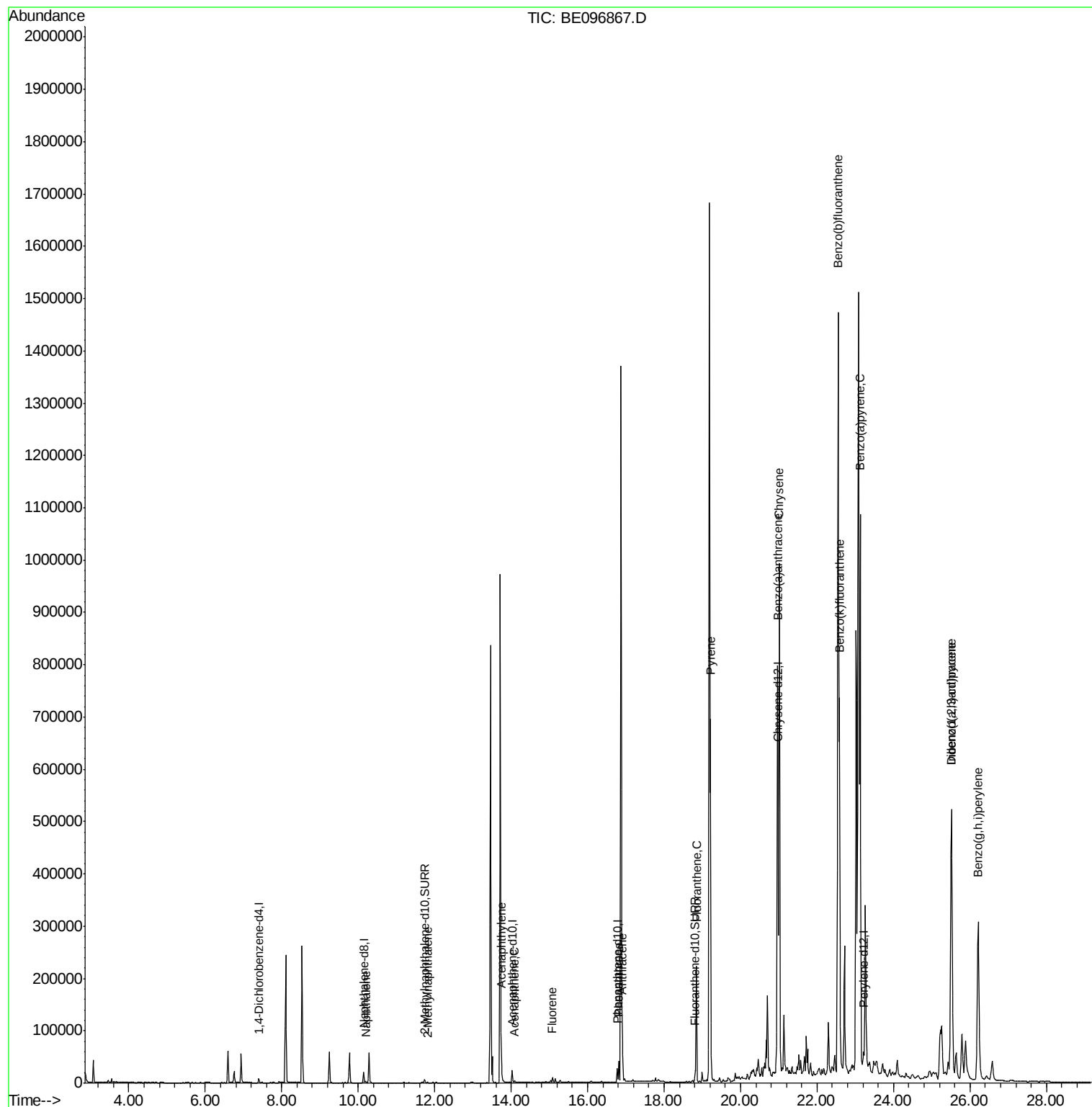
Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE070618\
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Misc :
ALS Vial : 18 Sample Multiplier: 1

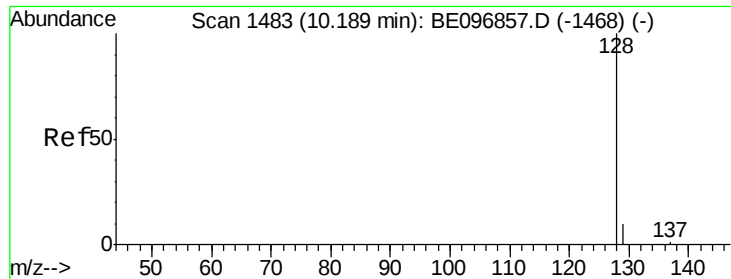
Instrument :
BNA_E
ClientSampleId :
F1H20

Quant Time: Jul 09 05:36:27 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE070618.M
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#3

Naphthalene

Concen: 0.070 ng/ul

RT: 10.19 min Scan# 1483

Delta R.T. -0.00 min

Lab File: BE096867.D

Acq: 6 Jul 2018 23:42

Instrument :

BNA_E

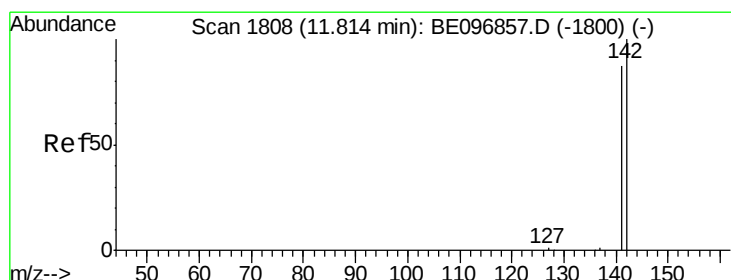
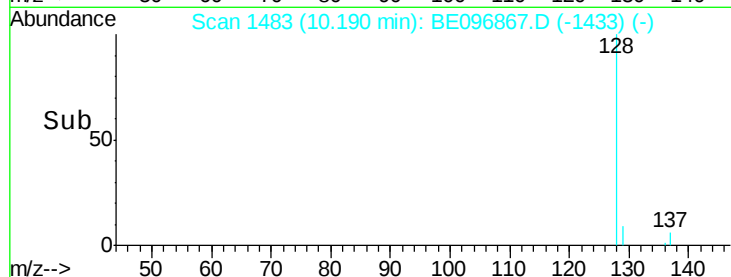
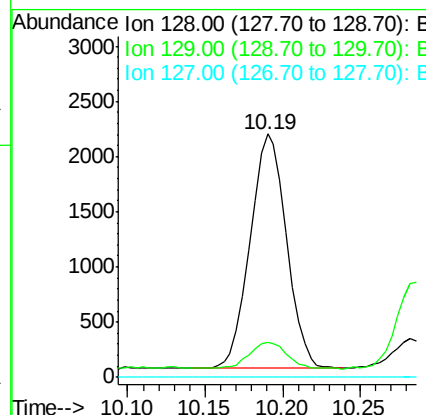
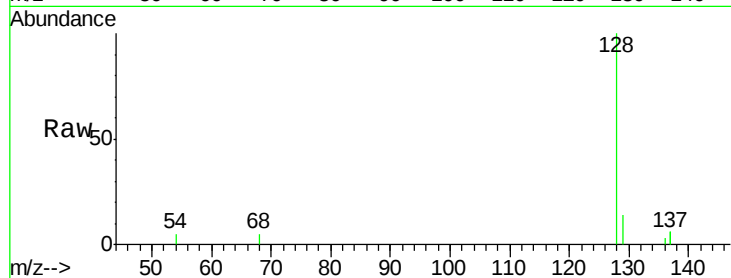
ClientSampled :

F1H20

Tgt Ion:	128	Resp:	3459
Ion Ratio	Lower	Upper	
128	100		
129	14.4	11.3	16.9
127	0.0	4.0	6.0

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#5

2-Methylnaphthalene

Concen: 0.029 ng/ul

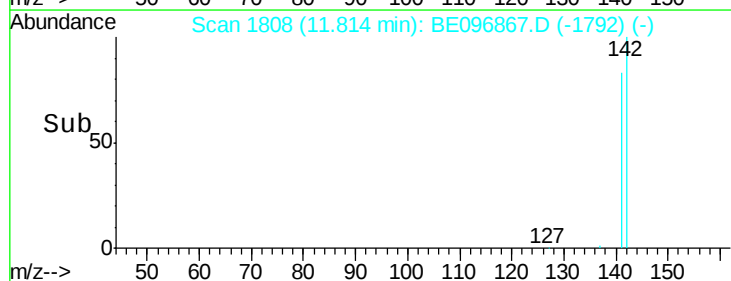
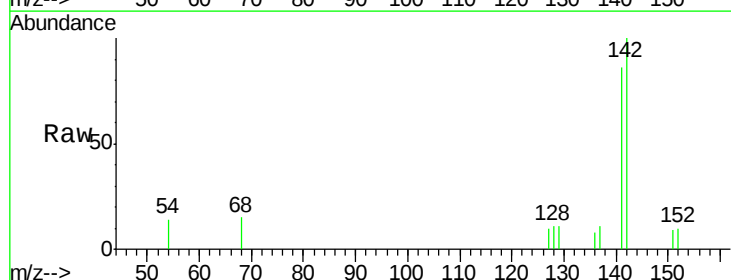
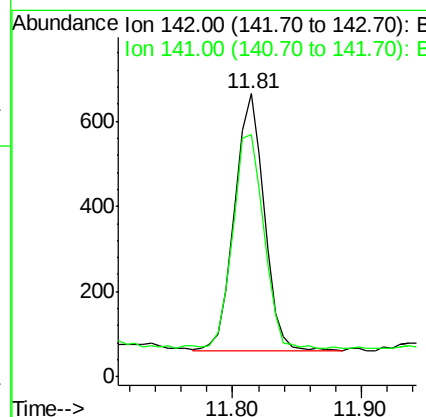
RT: 11.81 min Scan# 1808

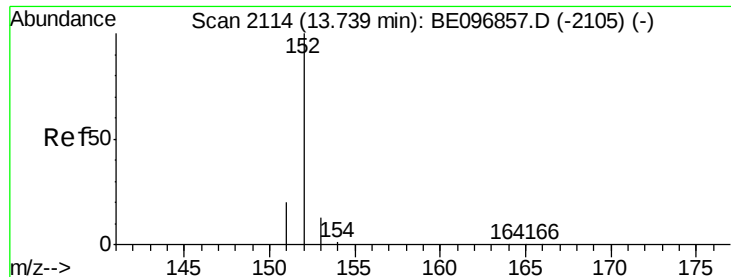
Delta R.T. 0.00 min

Lab File: BE096867.D

Acq: 6 Jul 2018 23:42

Tgt Ion:	142	Resp:	961
Ion Ratio	Lower	Upper	
142	100		
141	88.4	72.6	108.8





#7

Acenaphthylene

Concen: 1.298 ng/ul

RT: 13.74 min Scan# 2114

Delta R.T. 0.01 min

Lab File: BE096867.D

Acq: 6 Jul 2018 23:42

Instrument :

BNA_E

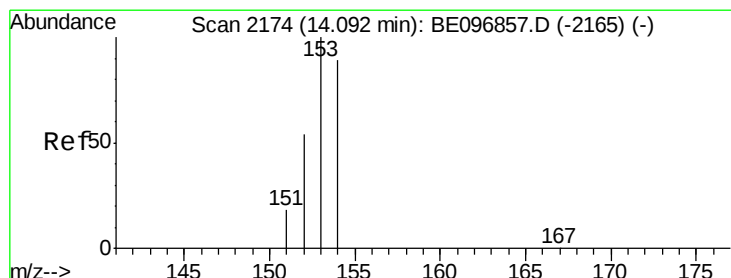
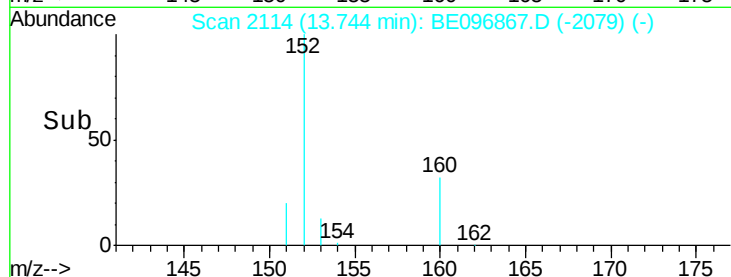
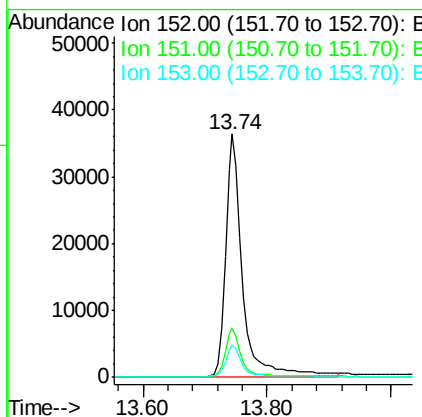
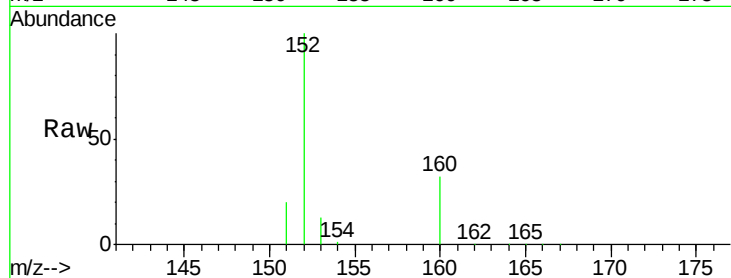
ClientSampleId :

F1H20

Tgt Ion:	152	Resp:	69109
Ion Ratio	Lower	Upper	
152	100		
151	20.0	17.1	25.7
153	13.4	12.8	19.2

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#8

Acenaphthene

Concen: 0.048 ng/ul

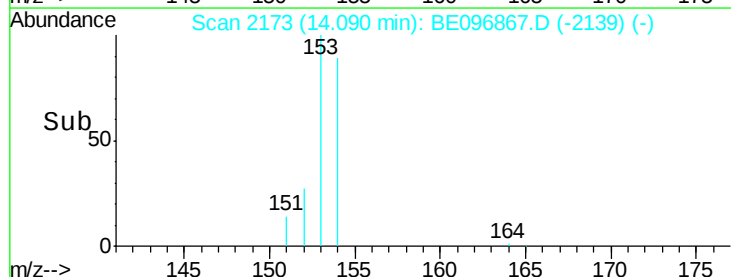
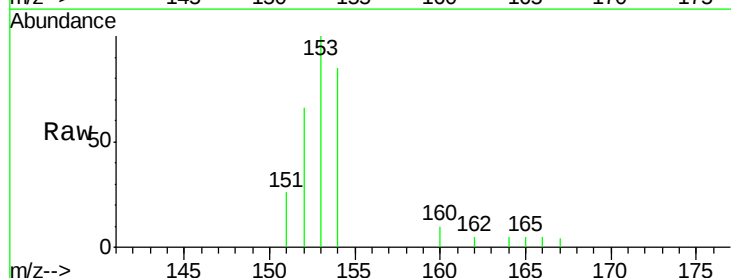
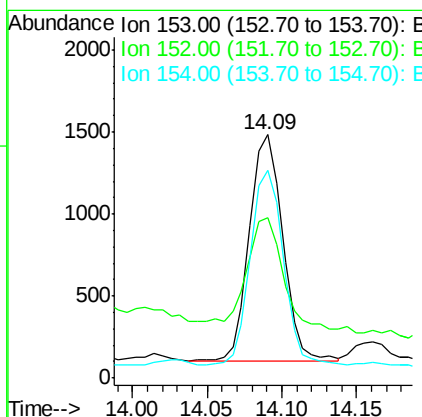
RT: 14.09 min Scan# 2173

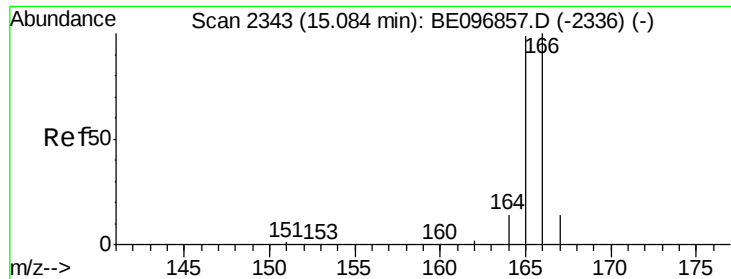
Delta R.T. -0.00 min

Lab File: BE096867.D

Acq: 6 Jul 2018 23:42

Tgt Ion:	153	Resp:	2121
Ion Ratio	Lower	Upper	
153	100		
152	66.1	36.0	54.0#
154	85.2	72.0	108.0





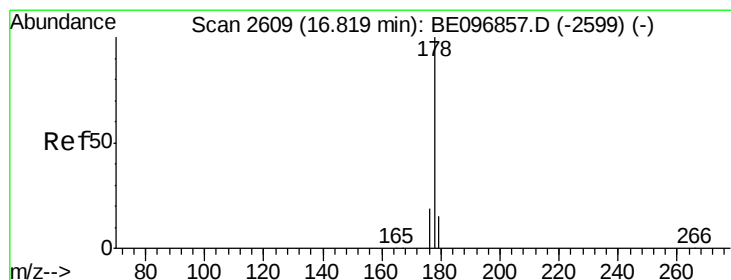
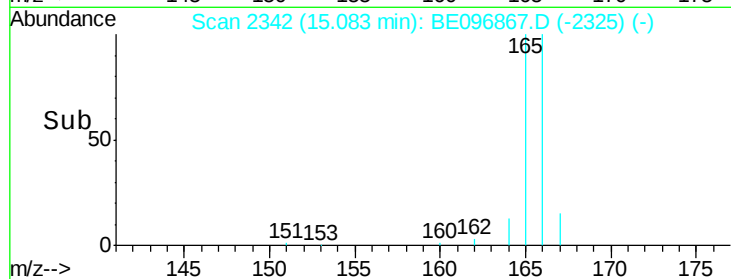
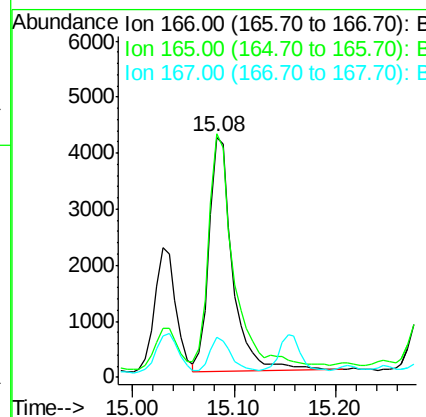
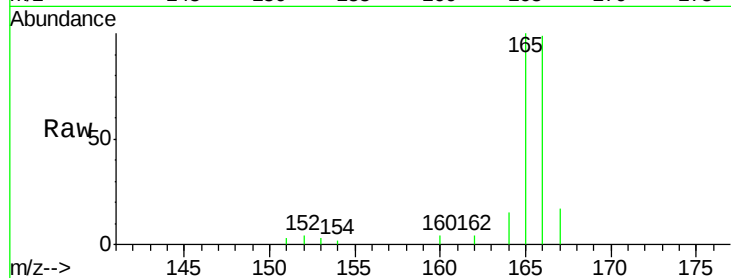
#9
Fluorene
 Concen: 0.147 ng/ul
 RT: 15.08 min Scan# 2342
 Delta R.T. -0.00 min
 Lab File: BE096867.D
 Acq: 6 Jul 2018 23:42

Instrument :
 BNA_E
 ClientSampled :
 F1H20

Tgt Ion	Ratio	Lower	Upper
166	100		
165	101.4	73.4	110.2
167	16.8	14.6	22.0

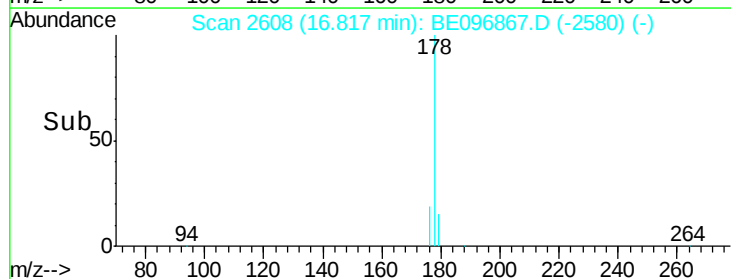
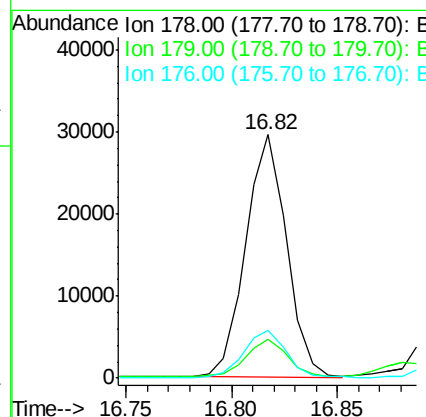
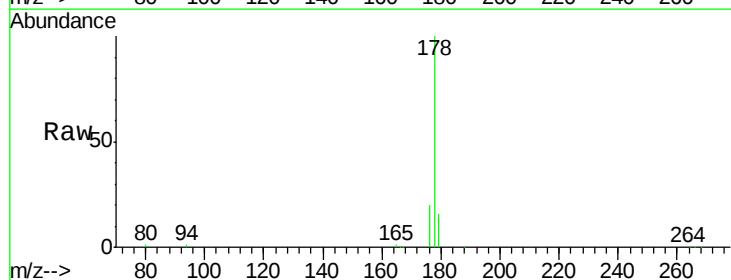
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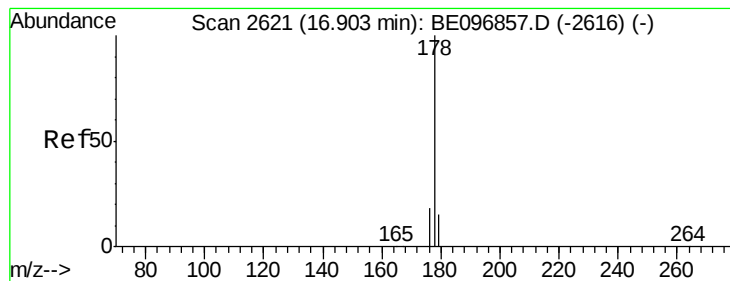
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#12
Phenanthrene
 Concen: 0.499 ng/ul m
 RT: 16.82 min Scan# 2608
 Delta R.T. -0.00 min
 Lab File: BE096867.D
 Acq: 6 Jul 2018 23:42

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





#13

Anthracene

Concen: 1.109 ng/ul m

RT: 16.91 min Scan# 2621

Delta R.T. -0.00 min

Lab File: BE096867.D

Acq: 6 Jul 2018 23:42

Instrument :

BNA_E

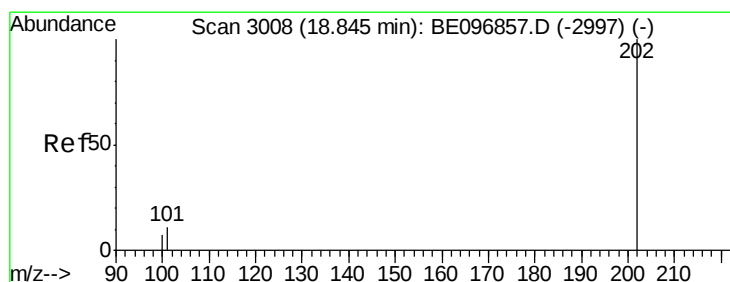
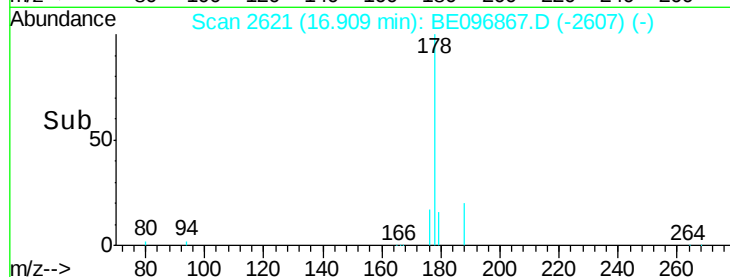
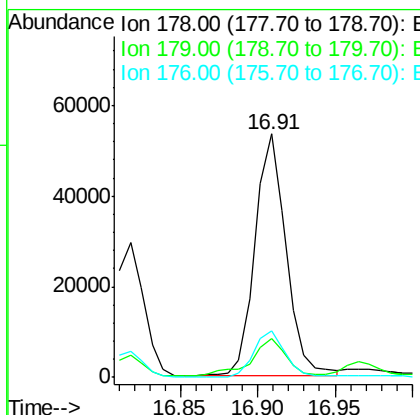
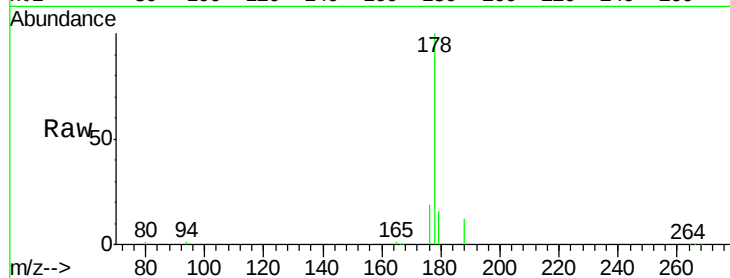
ClientSampleId :

F1H20

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.9	18.1	27.1#
176	18.9	14.7	22.1

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#15

Fluoranthene

Concen: 2.936 ng/ul m

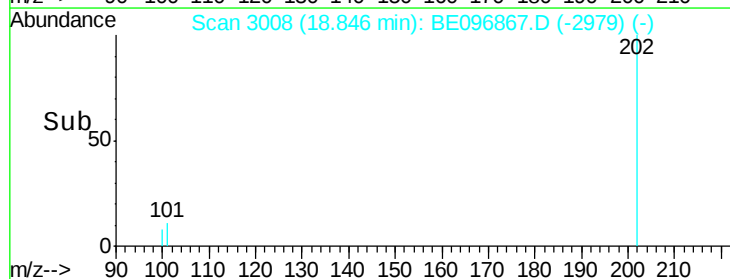
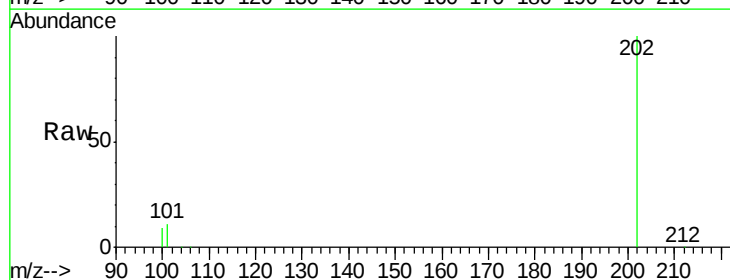
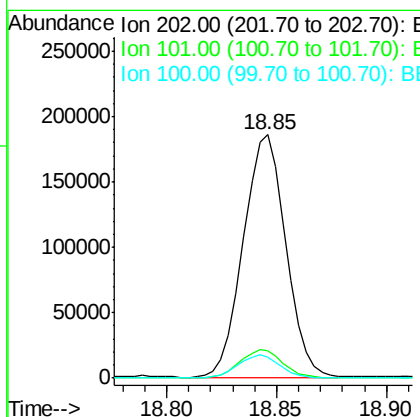
RT: 18.85 min Scan# 3008

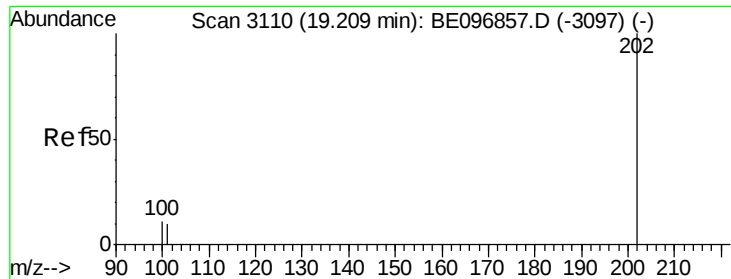
Delta R.T. 0.00 min

Lab File: BE096867.D

Acq: 6 Jul 2018 23:42

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.3	0.0	30.3
100	8.6	0.0	39.5





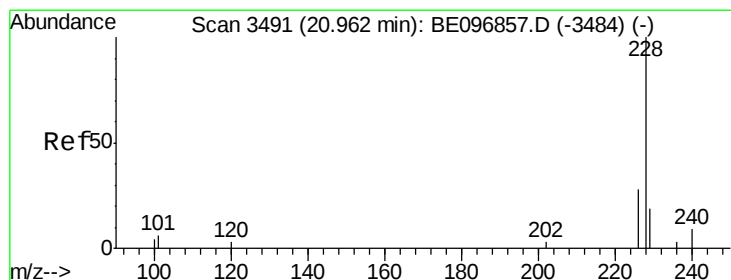
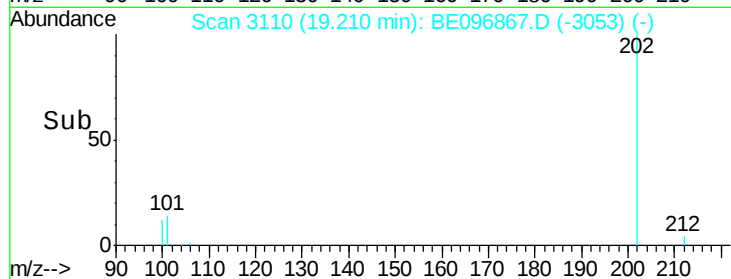
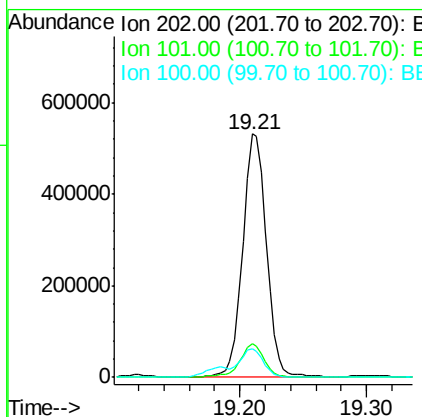
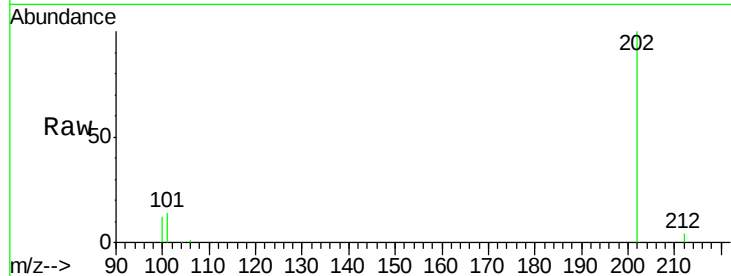
#17
 Pyrene
 Concen: 6.915 ng/ul
 RT: 19.21 min Scan# 3110
 Delta R.T. 0.00 min
 Lab File: BE096867.D
 Acq: 6 Jul 2018 23:42

Instrument :
 BNA_E
 ClientSampleId :
 F1H20

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	693404		
101	13.8	18.2	27.4#	
100	11.8	15.6	23.4#	

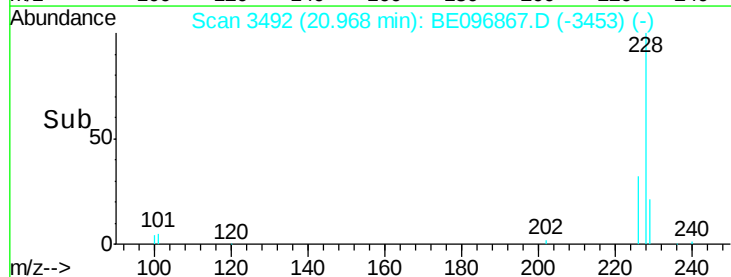
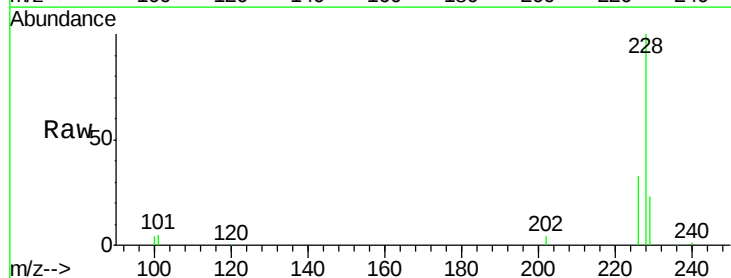
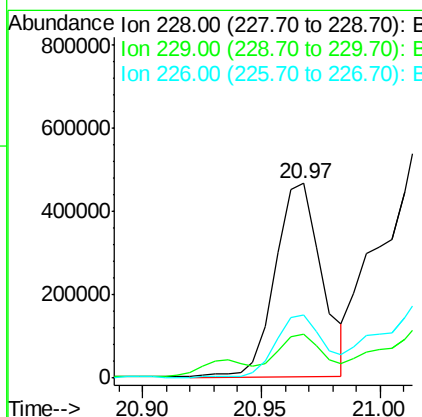
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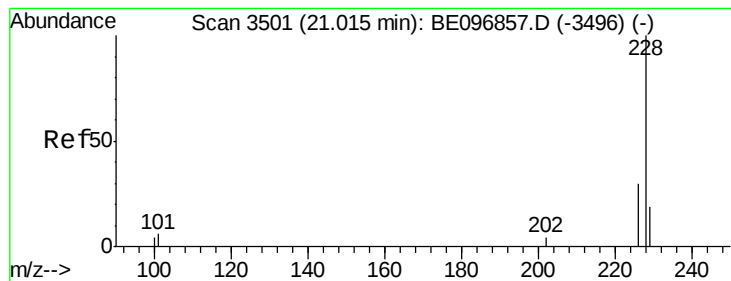
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#18
 Benzo(a)anthracene
 Concen: 8.783 ng/ul m
 RT: 20.97 min Scan# 3492
 Delta R.T. 0.00 min
 Lab File: BE096867.D
 Acq: 6 Jul 2018 23:42

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	632839		
229	22.5	22.8	34.2#	
226	32.6	17.0	25.6#	





#19

Chrysene

Concen: 10.969 ng/ul

RT: 21.02 min Scan# 3501

Delta R.T. -0.00 min

Lab File: BE096867.D

Acq: 6 Jul 2018 23:42

Instrument :

BNA_E

ClientSampleId :

F1H20

Tgt Ion:228 Resp: 1023925

Ion Ratio Lower Upper

228 100

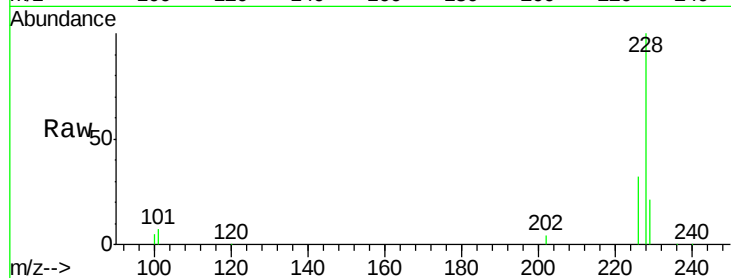
226 31.9 23.4 35.0

229 21.3 17.7 26.5

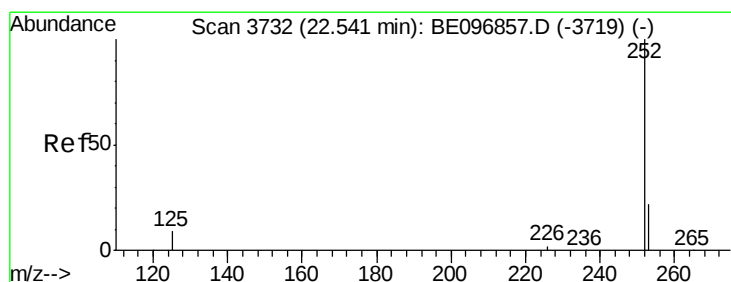
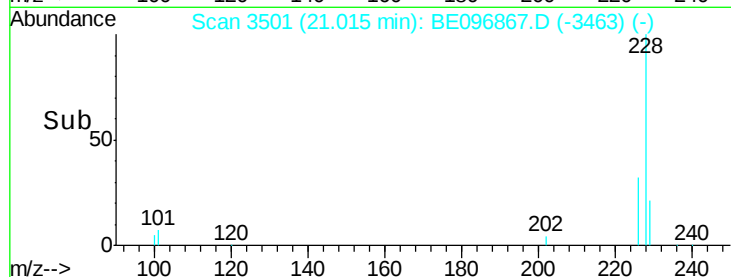
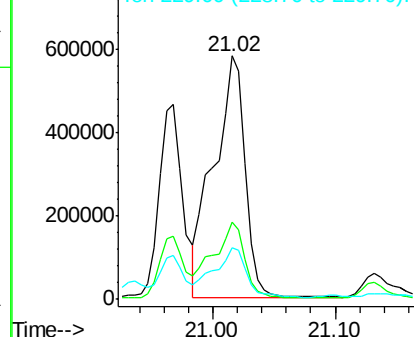
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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#21

Benzo(b)fluoranthene

Concen: 30.280 ng/ul m

RT: 22.55 min Scan# 3733

Delta R.T. 0.01 min

Lab File: BE096867.D

Acq: 6 Jul 2018 23:42

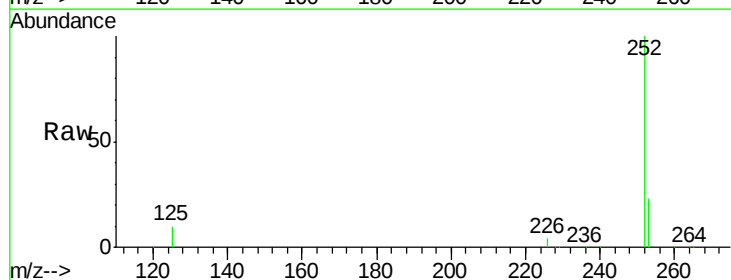
Tgt Ion:252 Resp: 2340269

Ion Ratio Lower Upper

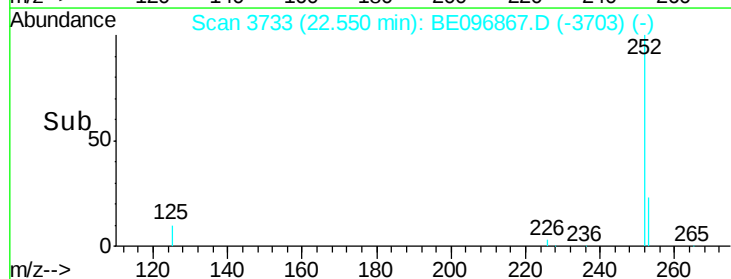
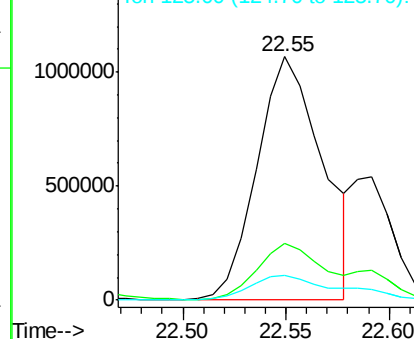
252 100

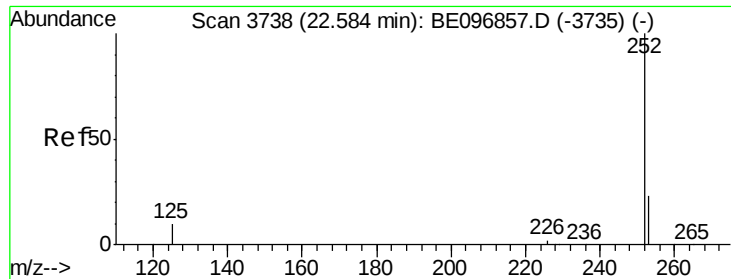
253 23.3 0.0 64.2

125 10.0 0.0 35.0



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





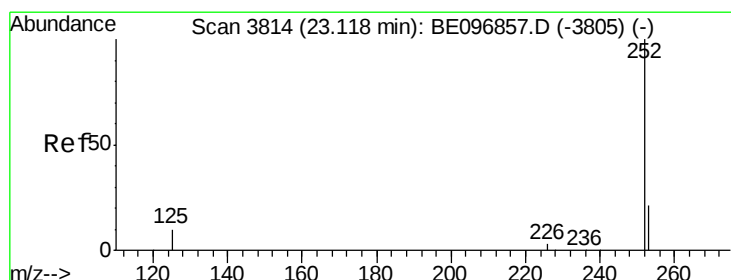
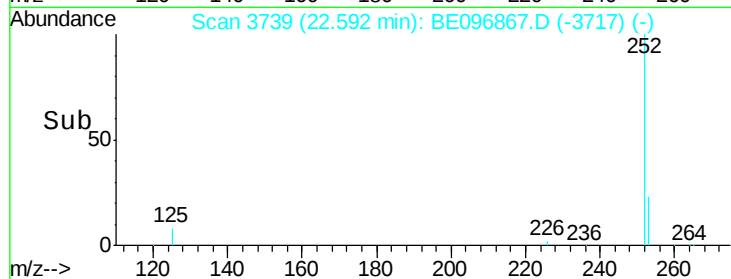
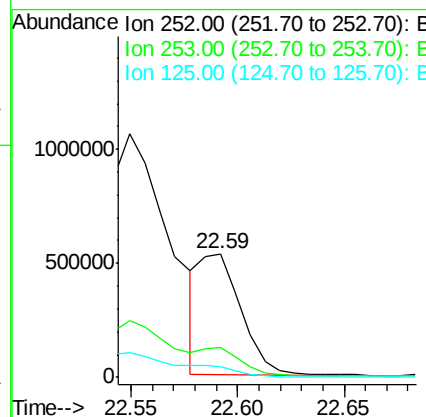
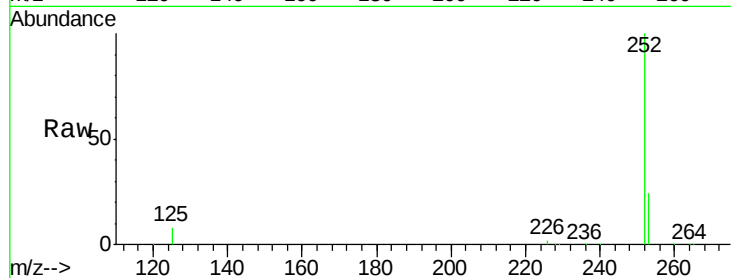
#22
Benzo(k)fluoranthene
Concen: 8.510 ng/ul m
RT: 22.59 min Scan# 3739
Delta R.T. 0.01 min
Lab File: BE096867.D
Acq: 6 Jul 2018 23:42

Instrument :
BNA_E
ClientSampleId :
F1H20

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.0	24.5	36.7#
125	8.4	13.7	20.5#

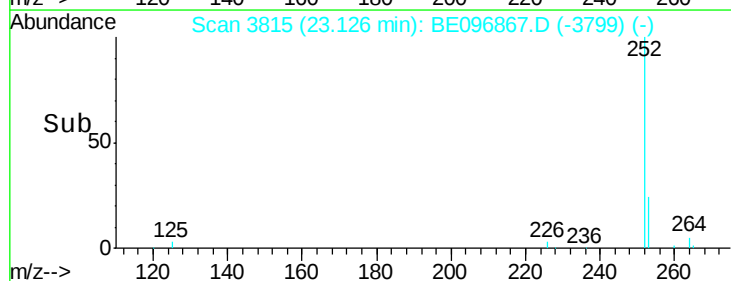
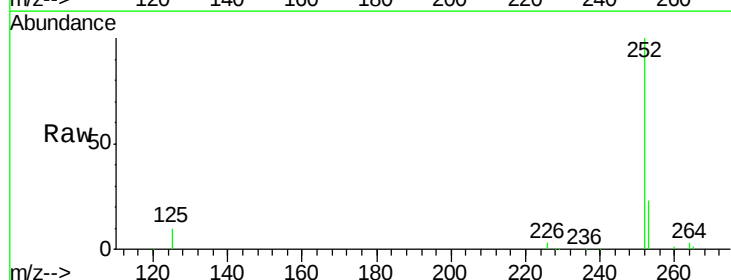
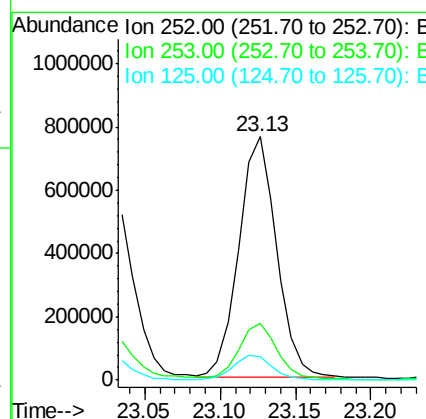
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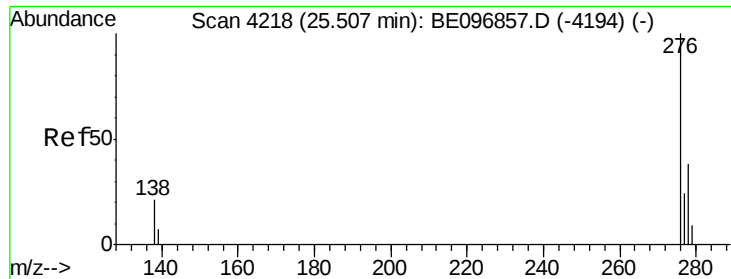
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#23
Benzo(a)pyrene
Concen: 20.177 ng/ul m
RT: 23.13 min Scan# 3815
Delta R.T. 0.01 min
Lab File: BE096867.D
Acq: 6 Jul 2018 23:42

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.2	28.5	42.7#
125	9.6	18.1	27.1#





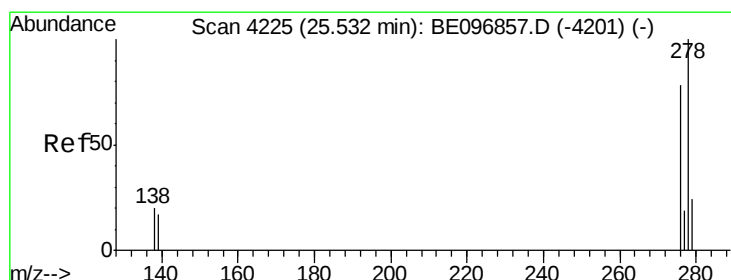
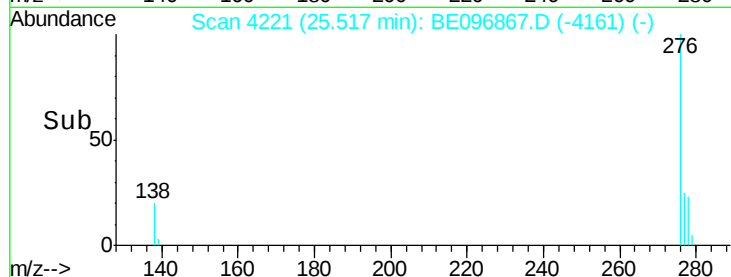
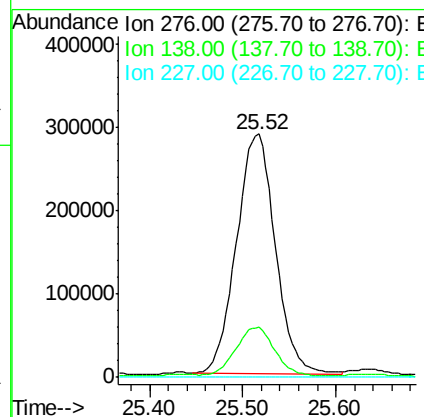
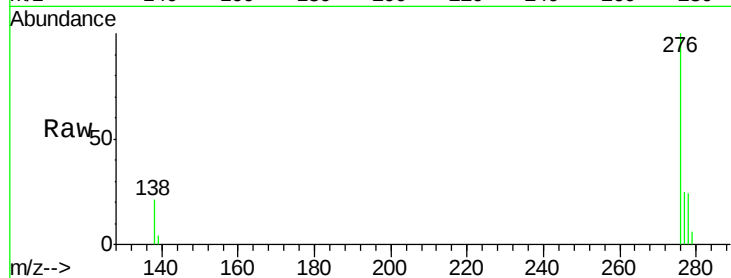
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 12.304 ng/uL
 RT: 25.52 min Scan# 4221
 Delta R.T. 0.01 min
 Lab File: BE096867.D
 Acq: 6 Jul 2018 23:42

Instrument :
 BNA_E
 ClientSampleId :
 F1H20

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	20.6	28.0	42.0#
227	0.0	8.0	12.0#

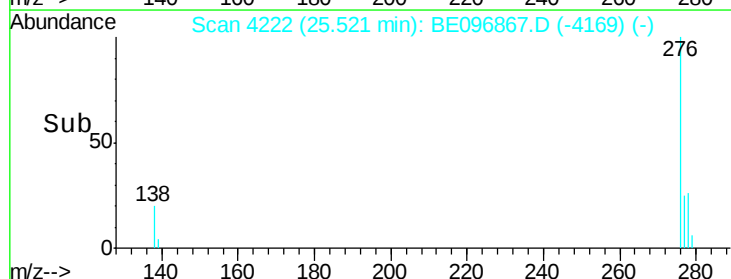
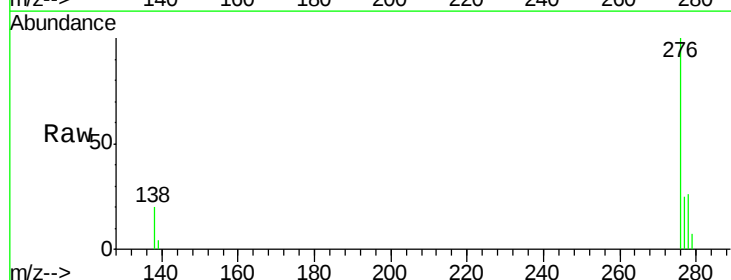
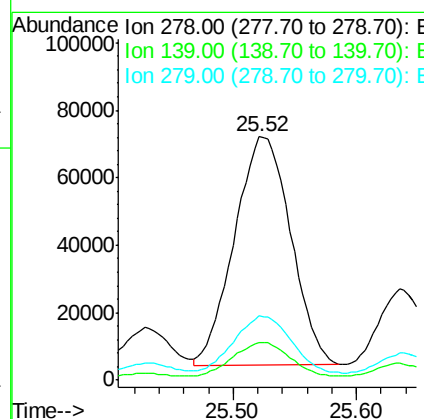
Manual Integrations
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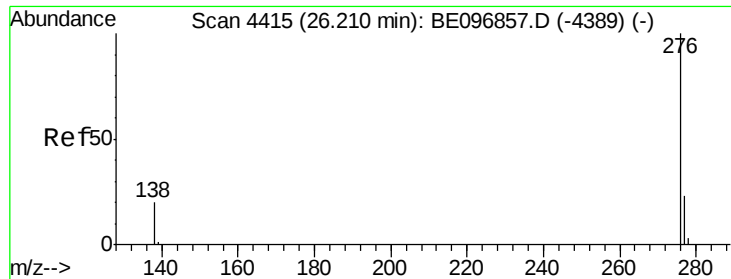
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#25
 Dibenzo(a,h)anthracene
 Concen: 3.974 ng/uL m
 RT: 25.52 min Scan# 4222
 Delta R.T. -0.01 min
 Lab File: BE096867.D
 Acq: 6 Jul 2018 23:42

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





#26
 Benzo(g,h,i)perylene
 Concen: 10.052 ng/ul
 RT: 26.21 min Scan# 4416
 Delta R.T. 0.01 min
 Lab File: BE096867.D
 Acq: 6 Jul 2018 23:42

Instrument :
 BNA_E
 ClientSampleId :
 F1H20

Tgt Ion	Ratio	Lower	Upper
276	100		
138	21.0	21.8	32.8#
277	24.3	20.5	30.7

Manual Integrations
 APPROVED

Sohil
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