

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE070918\
 Data File : BE096878.D
 Acq On : 9 Jul 2018 13:14
 Operator : SJ/JU
 Sample : J3721-16DL 10X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 F1H04DL

Manual Integrations
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Quant Time: Jul 09 16:37:45 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	2627	0.40	ng/ul	0.00
2) Naphthalene-d8	10.14	136	14183	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.03	164	8583	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.77	188	20715	0.40	ng/ul	0.00
16) Chrysene-d12	20.98	240	19748	0.40	ng/ul	0.00
20) Perylene-d12	23.21	264	22187	0.40	ng/ul	0.00

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.74	152	695	0.03	ng/ul	0.00
14) Fluoranthene-d10	18.81	212	1423	0.03	ng/ul	0.00

Target Compounds				Qvalue		
7) Acenaphthylene	13.75	152	4565	0.130	ng/ul	99
12) Phenanthrene	16.82	178	2945	0.055	ng/ul	92
13) Anthracene	16.91	178	5907	0.130	ng/ul#	92
15) Fluoranthene	18.85	202	46238	0.813	ng/ul	84
17) Pyrene	19.21	202	68105	1.051	ng/ul#	80
18) Benzo(a)anthracene	20.96	228	27723	0.595	ng/ul#	83
19) Chrysene	21.02	228	52855	0.876	ng/ul	98
21) Benzo(b)fluoranthene	22.54	252	104189m	1.721	ng/ul	
22) Benzo(k)fluoranthene	22.58	252	35632m	0.539	ng/ul	
23) Benzo(a)pyrene	23.11	252	44606	0.871	ng/ul#	78
24) Indeno(1,2,3-cd)pyrene	25.50	276	31116	0.585	ng/ul#	73
25) Dibenzo(a,h)anthracene	25.52	278	7536	0.178	ng/ul	92
26) Benzo(g,h,i)perylene	26.21	276	22865	0.443	ng/ul#	92

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

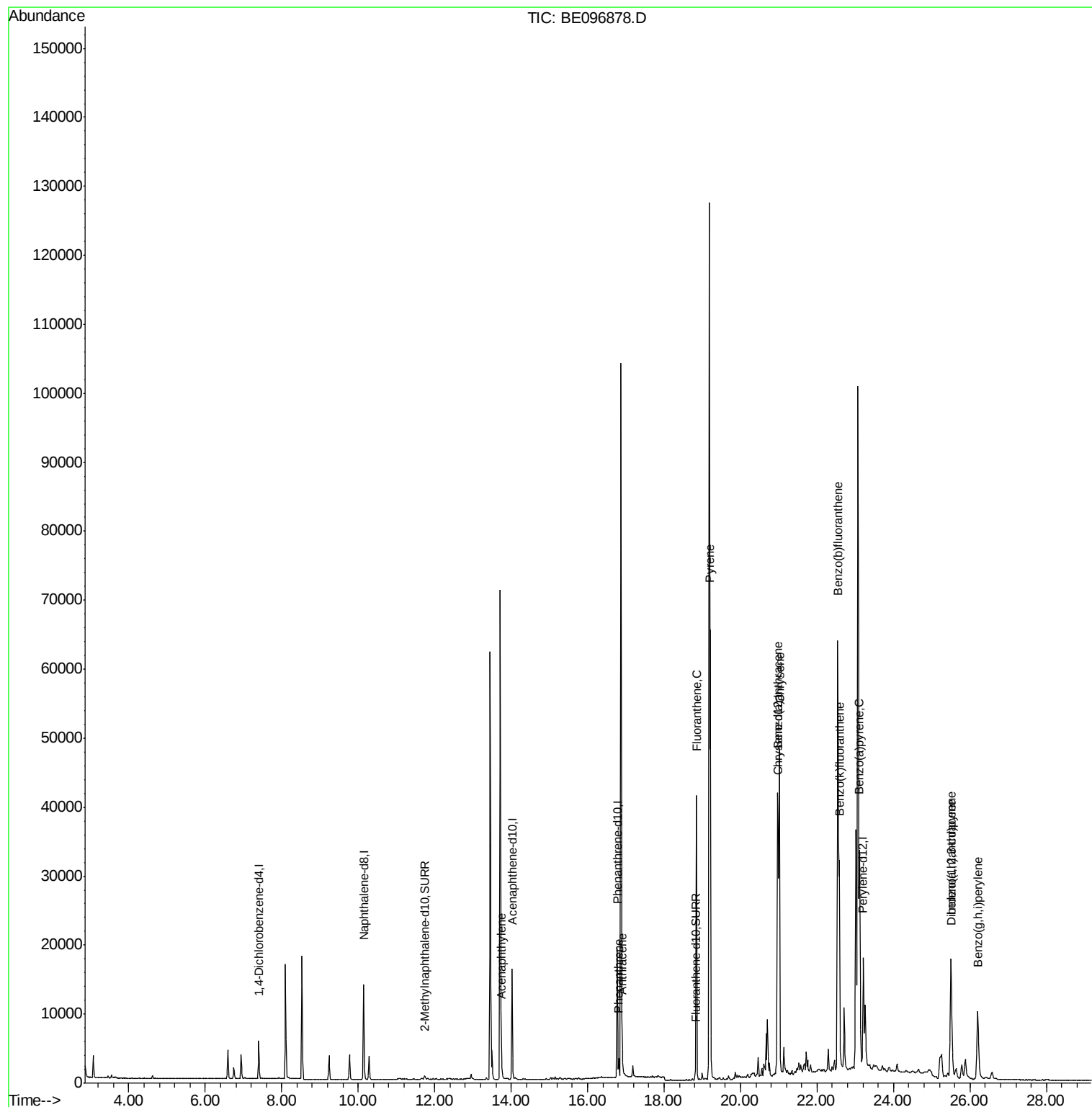
Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE070918\
Data File : BE096878.D
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ALS Vial : 4 Sample Multiplier: 1

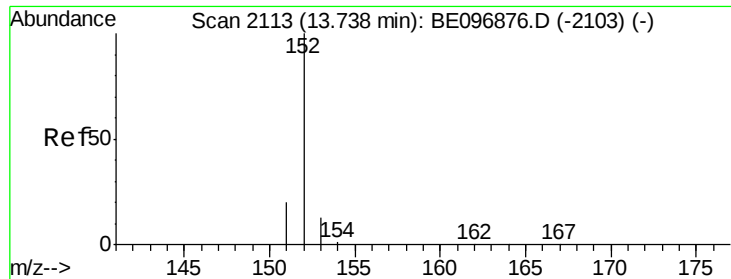
Instrument :
BNA_E
ClientSampleId :
F1H04DL

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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





#7

Acenaphthylene

Concen: 0.130 ng/ul

RT: 13.75 min Scan# 2115

Delta R.T. 0.01 min

Lab File: BE096878.D

Acq: 9 Jul 2018 13:14

Instrument :

BNA_E

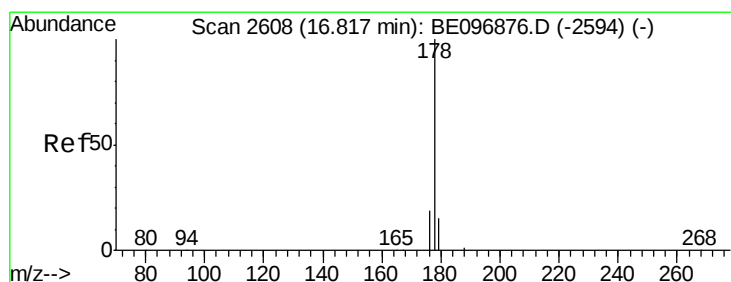
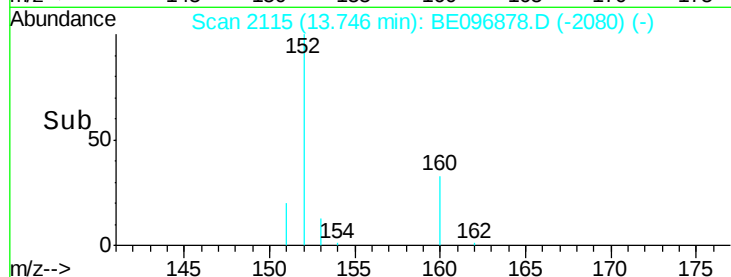
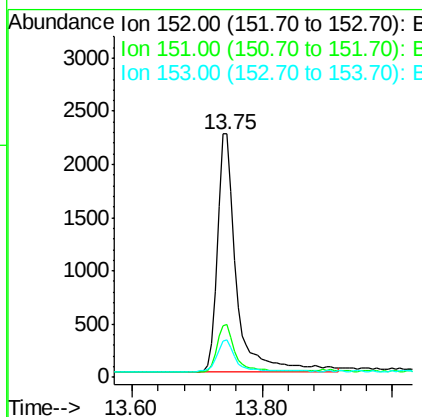
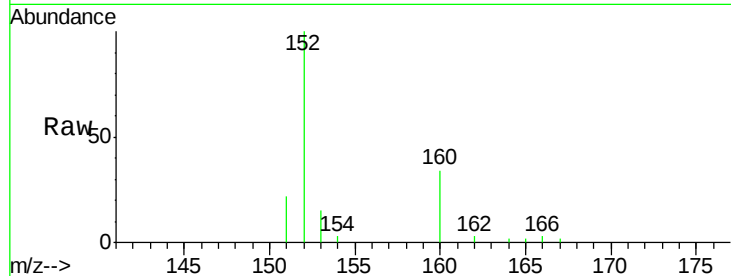
ClientSampleId :

F1H04DL

Tgt Ion:	152	Resp:	4565
Ion Ratio	Lower	Upper	
152	100		
151	21.5	17.1	25.7
153	15.3	12.8	19.2

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#12

Phenanthrene

Concen: 0.055 ng/ul

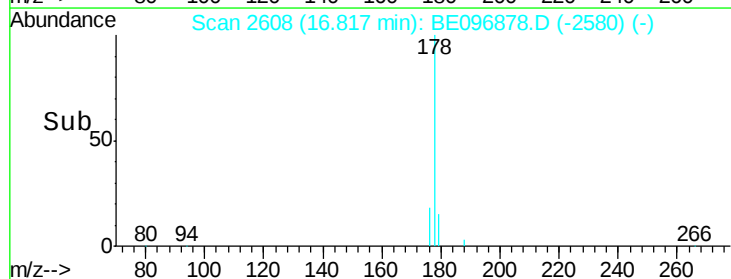
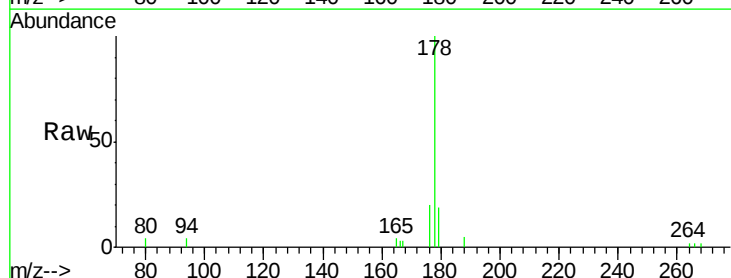
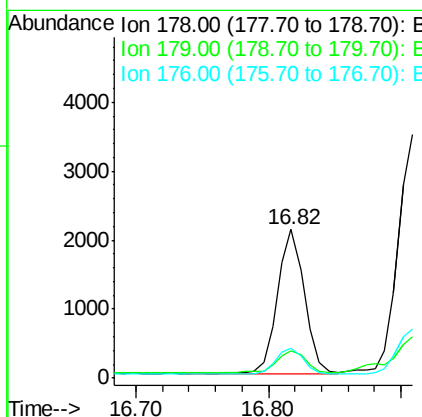
RT: 16.82 min Scan# 2608

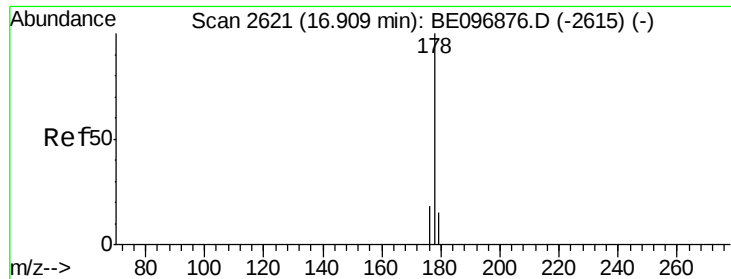
Delta R.T. -0.00 min

Lab File: BE096878.D

Acq: 9 Jul 2018 13:14

Tgt Ion:	178	Resp:	2945
Ion Ratio	Lower	Upper	
178	100		
179	18.7	18.4	27.6
176	20.4	13.6	20.4





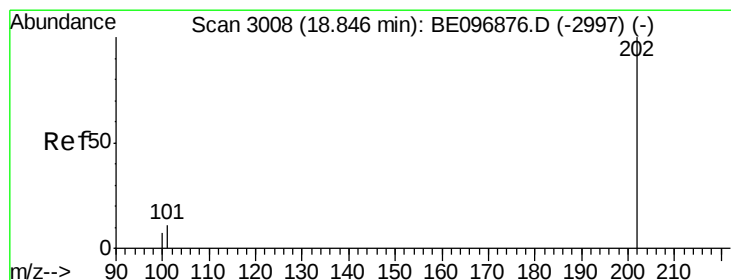
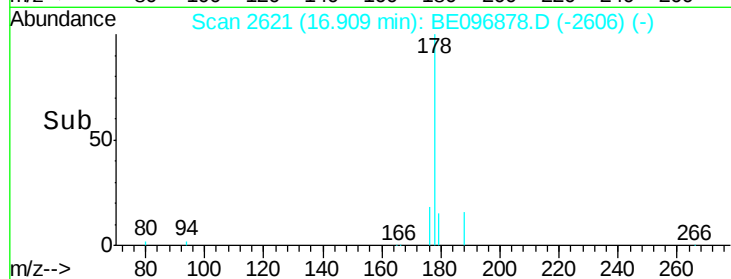
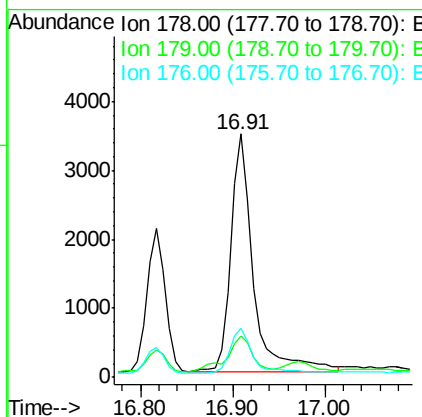
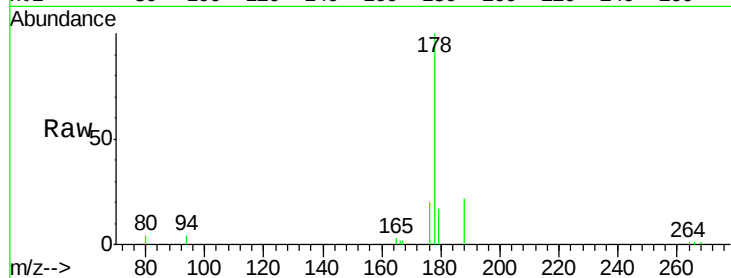
#13
 Anthracene
 Concen: 0.130 ng/ul
 RT: 16.91 min Scan# 2621
 Delta R.T. 0.01 min
 Lab File: BE096878.D
 Acq: 9 Jul 2018 13:14

Instrument :
 BNA_E
 ClientSampleId :
 F1H04DL

Tgt Ion:178 Resp: 5907
 Ion Ratio Lower Upper
 178 100
 179 17.1 18.1 27.1#
 176 20.4 14.7 22.1

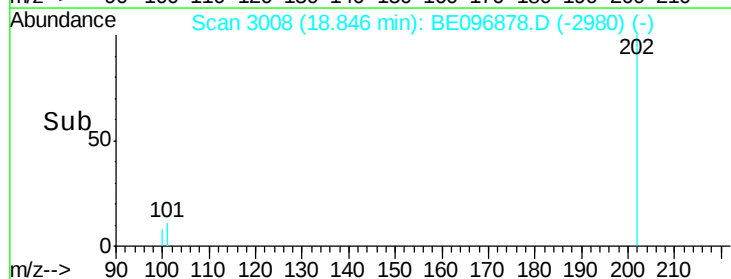
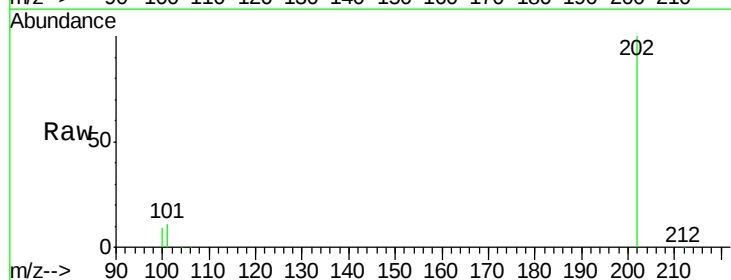
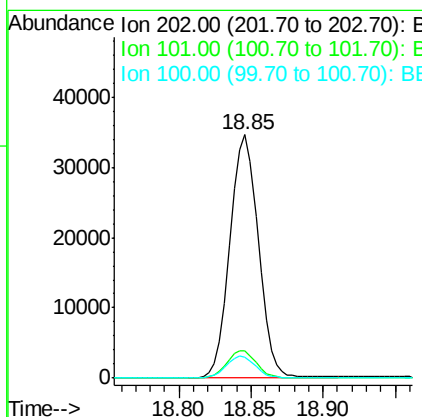
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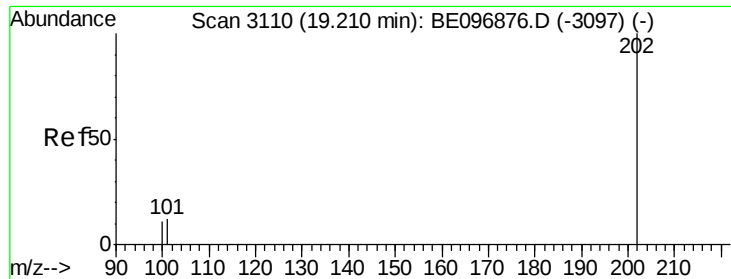
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#15
 Fluoranthene
 Concen: 0.813 ng/ul
 RT: 18.85 min Scan# 3008
 Delta R.T. 0.00 min
 Lab File: BE096878.D
 Acq: 9 Jul 2018 13:14

Tgt Ion:202 Resp: 46238
 Ion Ratio Lower Upper
 202 100
 101 11.0 0.0 30.3
 100 8.6 0.0 39.5





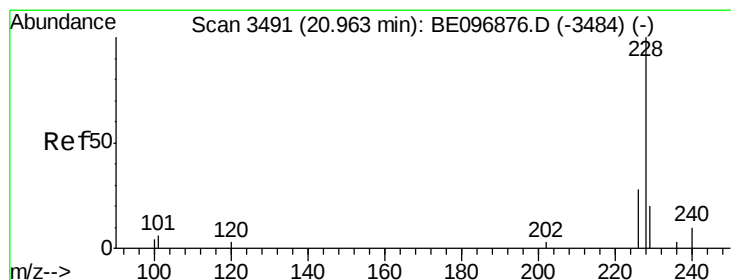
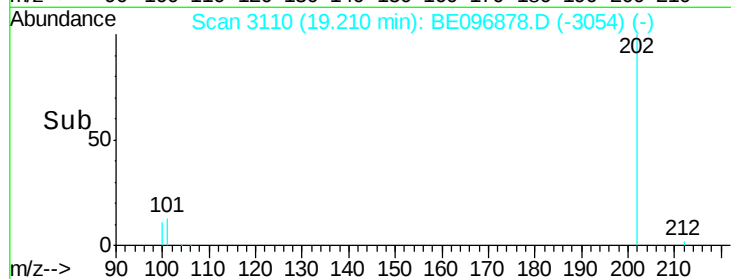
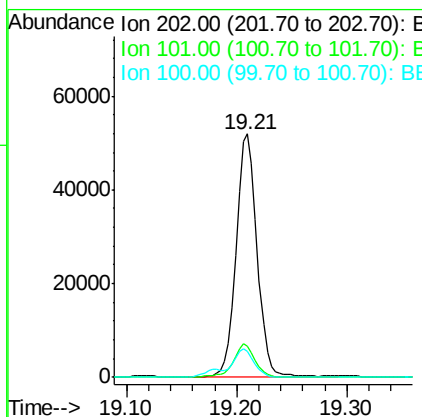
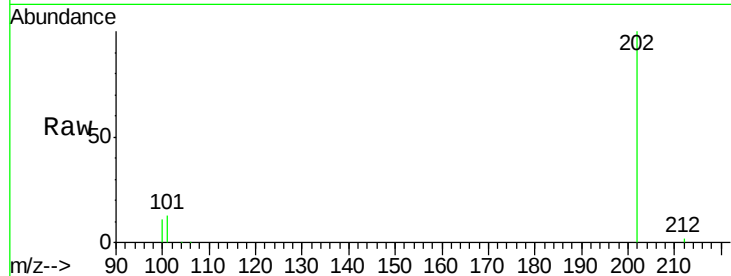
#17
Pyrene
Concen: 1.051 ng/ul
RT: 19.21 min Scan# 3110
Delta R.T. 0.00 min
Lab File: BE096878.D
Acq: 9 Jul 2018 13:14

Instrument :
BNA_E
ClientSampleId :
F1H04DL

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	12.8	18.2	27.4#
100	10.8	15.6	23.4#

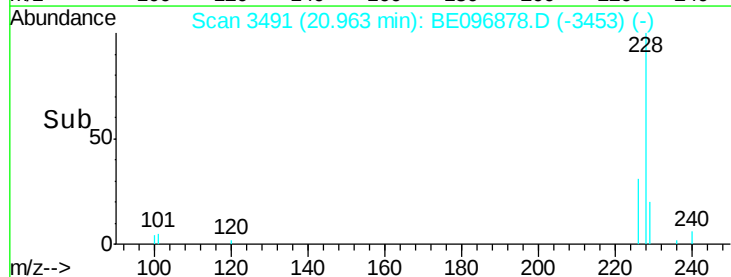
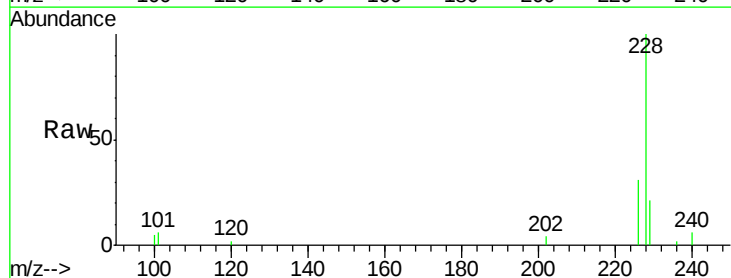
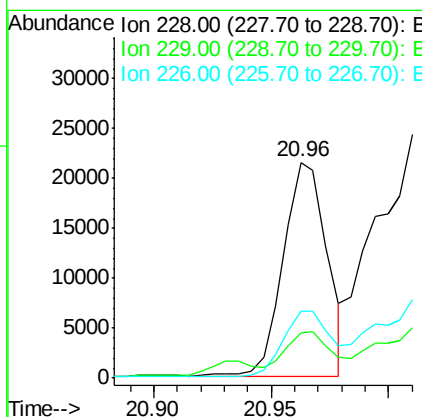
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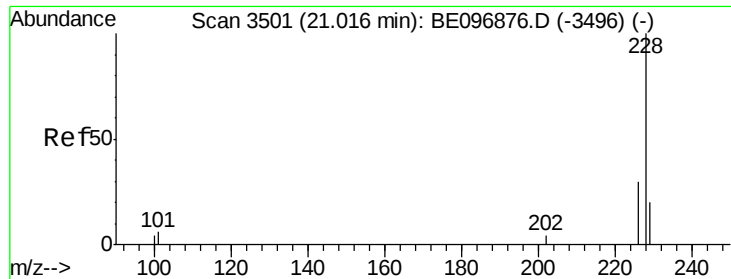
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#18
Benzo(a)anthracene
Concen: 0.595 ng/ul
RT: 20.96 min Scan# 3491
Delta R.T. 0.00 min
Lab File: BE096878.D
Acq: 9 Jul 2018 13:14

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	20.9	22.8	34.2#
226	31.2	17.0	25.6#





#19

Chrysene

Concen: 0.876 ng/ul

RT: 21.02 min Scan# 3501

Delta R.T. 0.00 min

Lab File: BE096878.D

Acq: 9 Jul 2018 13:14

Instrument :

BNA_E

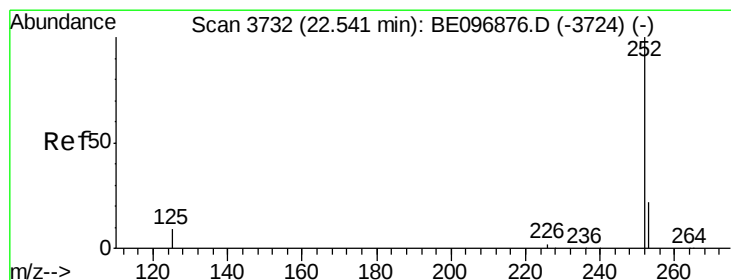
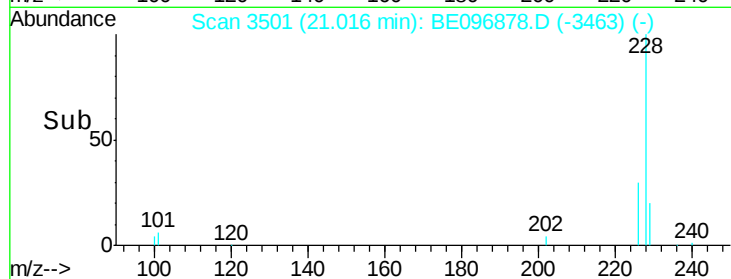
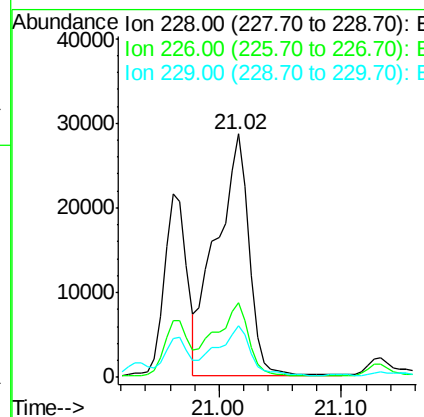
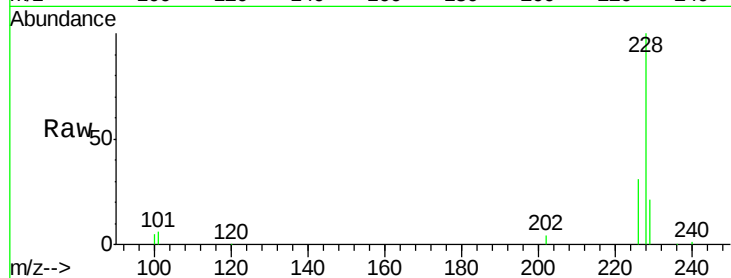
ClientSampleId :

F1H04DL

Tgt Ion:	228	Resp:	52855
Ion Ratio	Lower	Upper	
228	100		
226	30.6	23.4	35.0
229	21.0	17.7	26.5

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#21

Benzo(b)fluoranthene

Concen: 1.721 ng/ul m

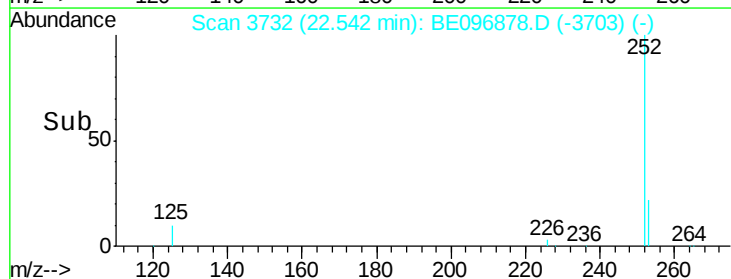
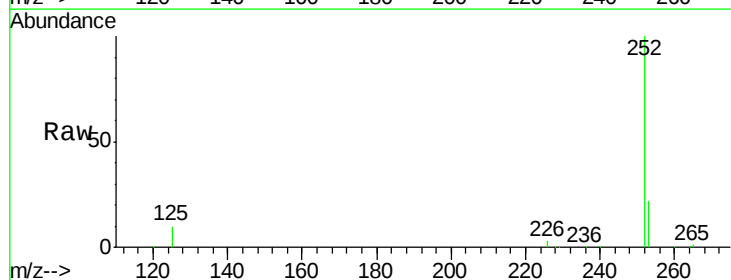
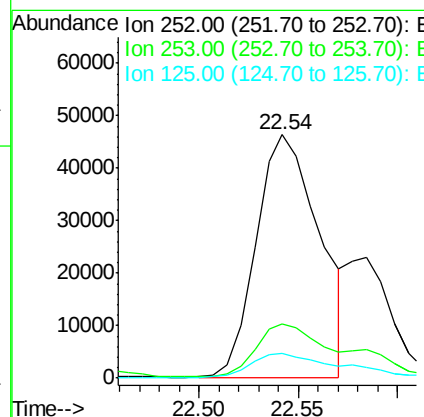
RT: 22.54 min Scan# 3732

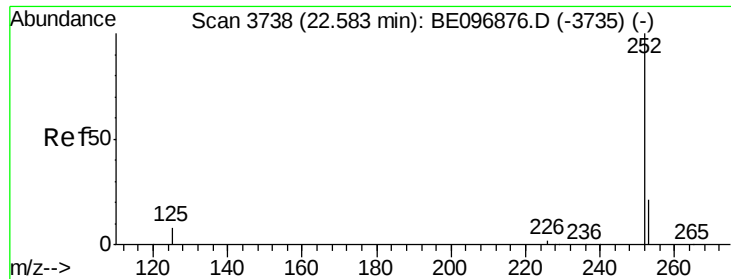
Delta R.T. 0.00 min

Lab File: BE096878.D

Acq: 9 Jul 2018 13:14

Tgt Ion:	252	Resp:	104189
Ion Ratio	Lower	Upper	
252	100		
253	22.4	0.0	64.2
125	10.1	0.0	35.0





#22

Benzo(k)fluoranthene

Concen: 0.539 ng/ul m

RT: 22.58 min Scan# 3738

Delta R.T. 0.00 min

Lab File: BE096878.D

Acq: 9 Jul 2018 13:14

Instrument :

BNA_E

ClientSampleId :

F1H04DL

Tgt Ion:252 Resp: 35632

Ion Ratio Lower Upper

252 100

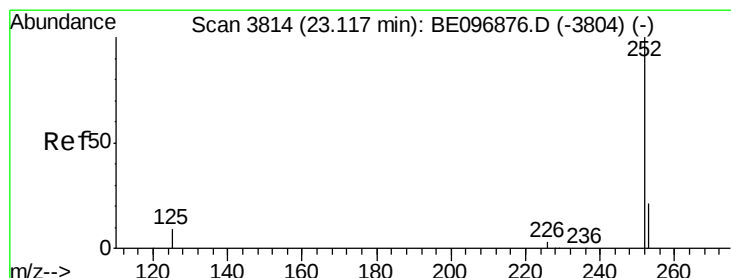
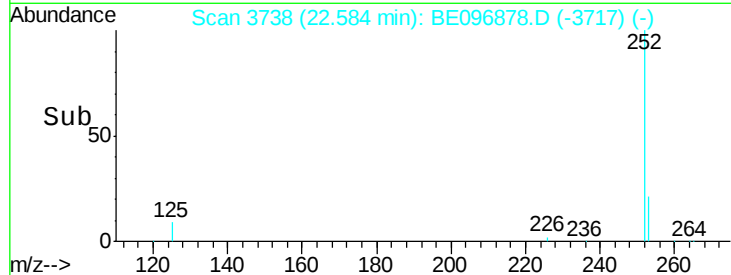
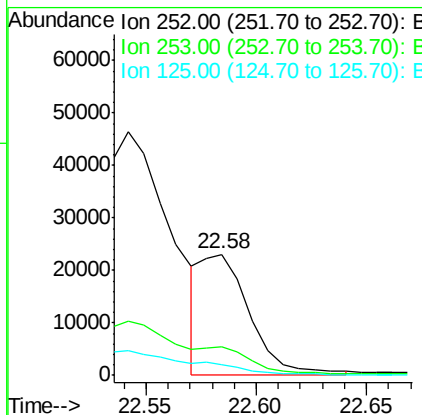
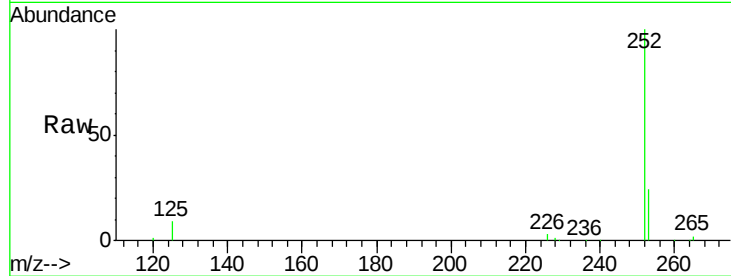
253 23.6 24.5 36.7#

125 9.3 13.7 20.5#

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#23

Benzo(a)pyrene

Concen: 0.871 ng/ul

RT: 23.11 min Scan# 3813

Delta R.T. -0.01 min

Lab File: BE096878.D

Acq: 9 Jul 2018 13:14

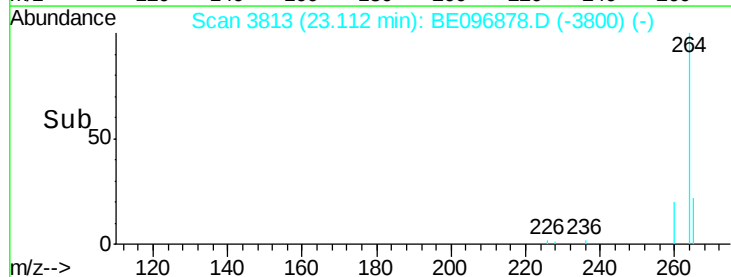
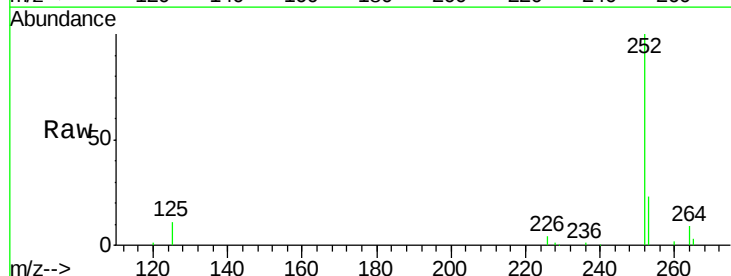
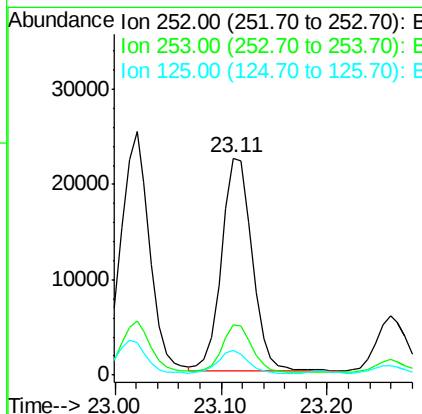
Tgt Ion:252 Resp: 44606

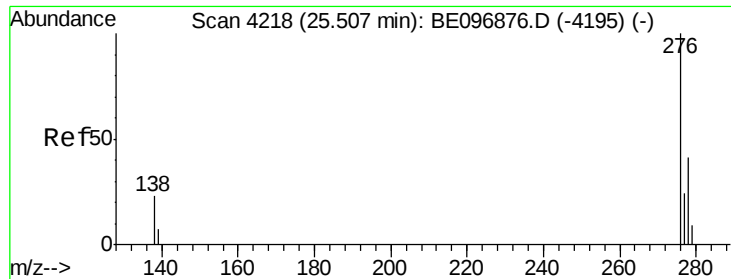
Ion Ratio Lower Upper

252 100

253 23.0 28.5 42.7#

125 11.1 18.1 27.1#





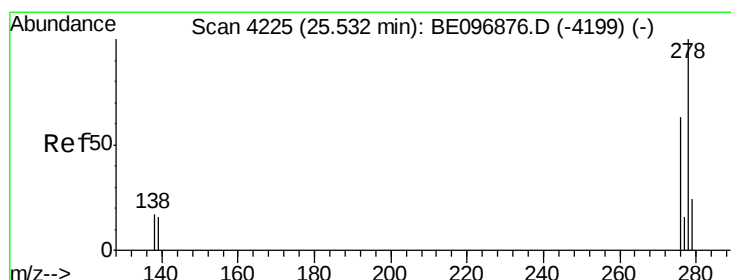
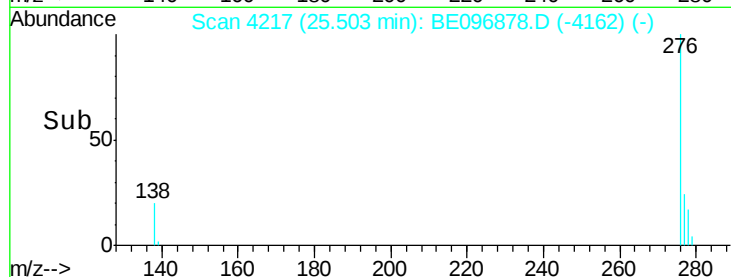
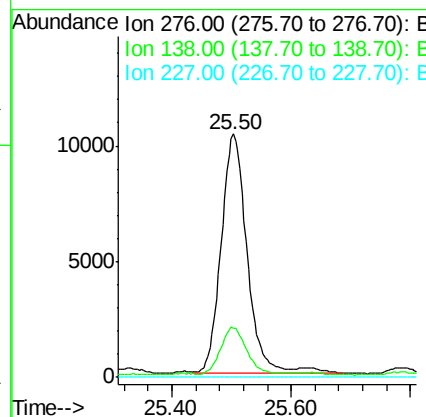
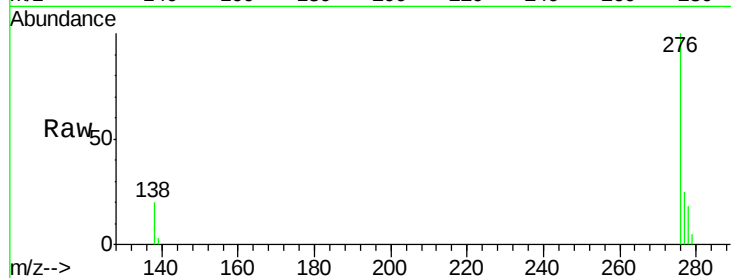
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.585 ng/u1
 RT: 25.50 min Scan# 4217
 Delta R.T. -0.00 min
 Lab File: BE096878.D
 Acq: 9 Jul 2018 13:14

Instrument :
 BNA_E
 ClientSampled :
 F1H04DL

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	31116		
138	19.6	28.0	42.0#	
227	0.0	8.0	12.0#	

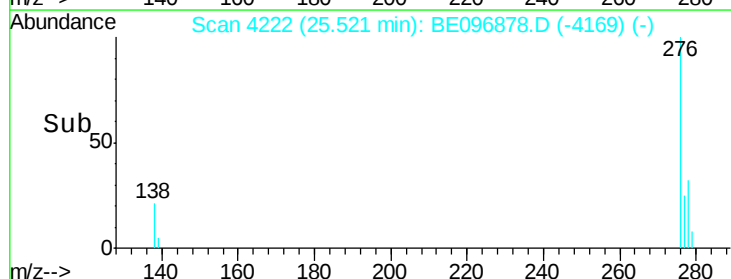
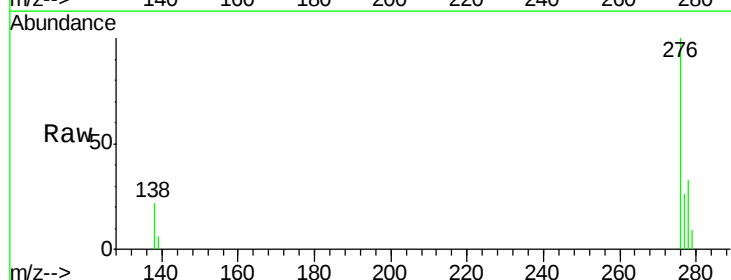
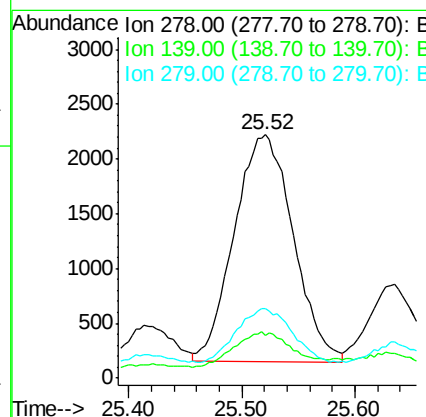
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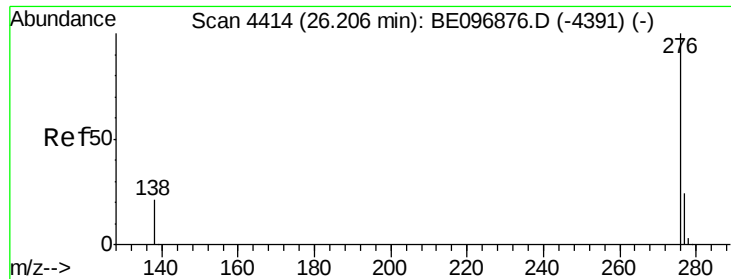
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#25
 Dibenzo(a,h)anthracene
 Concen: 0.178 ng/u1
 RT: 25.52 min Scan# 4222
 Delta R.T. -0.01 min
 Lab File: BE096878.D
 Acq: 9 Jul 2018 13:14

Tgt Ion	Ratio	Resp	Lower	Upper
278	100	7536		
139	17.7	17.4	26.0	
279	28.4	25.9	38.9	





#26
 Benzo(g,h,i)perylene
 Concen: 0.443 ng/ul
 RT: 26.21 min Scan# 4414
 Delta R.T. -0.00 min
 Lab File: BE096878.D
 Acq: 9 Jul 2018 13:14

Instrument :
 BNA_E
 ClientSampleId :
 F1H04DL

Tgt Ion	Ratio	Lower	Upper
276	100		
138	20.2	21.8	32.8#
277	24.6	20.5	30.7

Manual Integrations
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