

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE071718\
 Data File : BE096979.D
 Acq On : 18 Jul 2018 4:36
 Operator : SJ/JU
 Sample : J3967-04
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 DB1D8

Manual Integrations
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Quant Time: Jul 18 07:49:38 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE071718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 18 07:15:45 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	2033	0.40	ng/ul	0.00
2) Naphthalene-d8	10.14	136	10725	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.02	164	6928	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.78	188	18327m	0.40	ng/ul	0.00
16) Chrysene-d12	20.98	240	23769m	0.40	ng/ul	0.00
20) Perylene-d12	23.21	264	20084m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.73	152	5514	0.32	ng/ul	0.00
14) Fluoranthene-d10	18.81	212	18182m	0.33	ng/ul	0.00
Target Compounds				Ovalue		
11) Pentachlorophenol	16.43	266	467m	0.225	ng/ul	
12) Phenanthrene	16.81	178	6562m	0.136	ng/ul	
13) Anthracene	16.90	178	898m	0.021	ng/ul	
15) Fluoranthene	18.84	202	35294m	0.556	ng/ul	
17) Pyrene	19.21	202	30293	0.441	ng/ul#	80
18) Benzo(a)anthracene	20.96	228	7182m	0.114	ng/ul	
19) Chrysene	21.01	228	22911	0.321	ng/ul	97
21) Benzo(b)fluoranthene	22.54	252	37140m	0.652	ng/ul	
22) Benzo(k)fluoranthene	22.58	252	9324m	0.158	ng/ul	
23) Benzo(a)pyrene	23.12	252	15029m	0.300	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.50	276	17751	0.316	ng/ul#	75
25) Dibenzo(a,h)anthracene	25.52	278	3302	0.071	ng/ul#	92
26) Benzo(g,h,i)perylene	26.20	276	19764	0.395	ng/ul	94

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

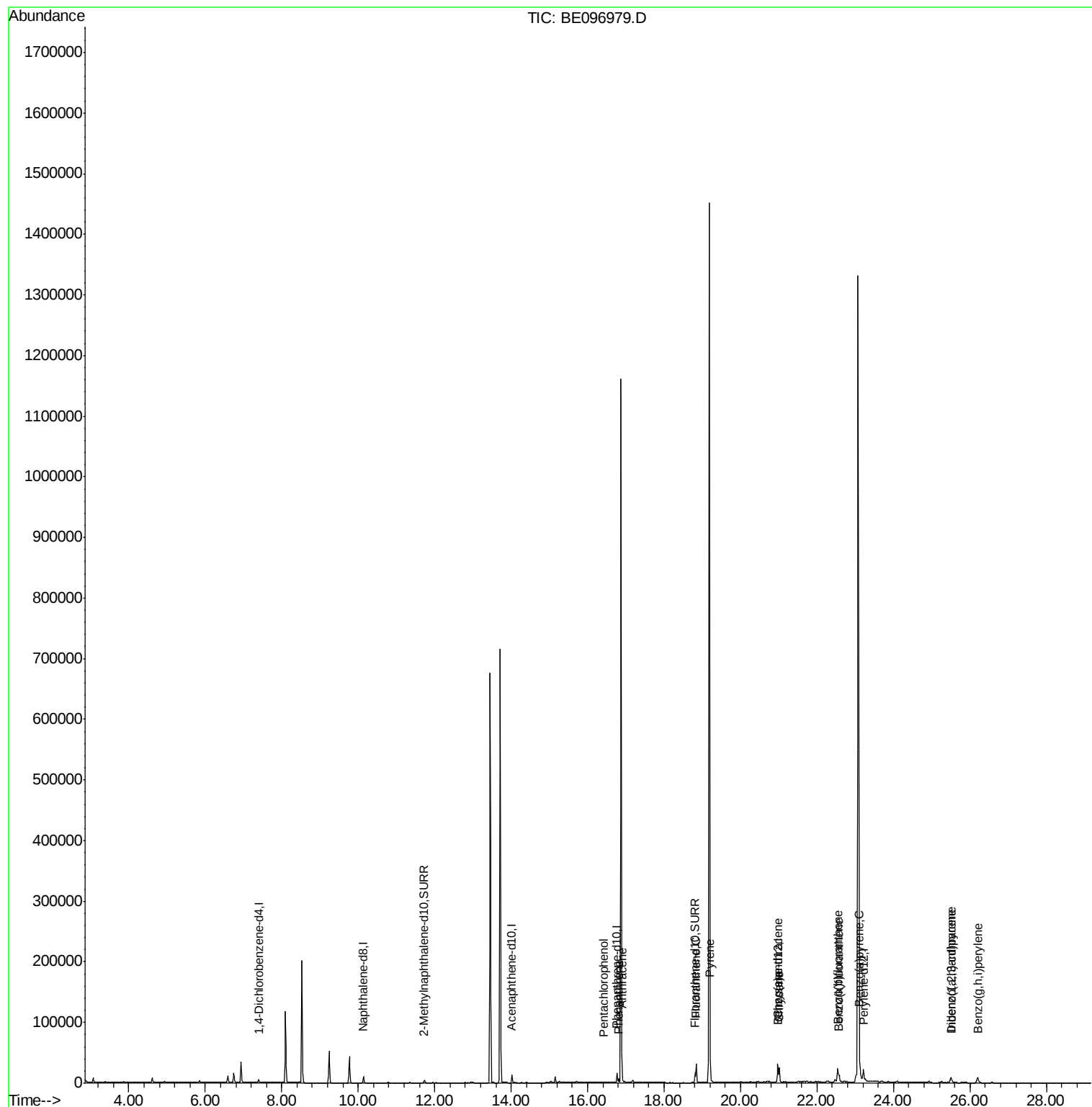
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE071718\
Data File : BE096979.D
Acq On : 18 Jul 2018 4:36
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Sample : J3967-04
Misc :
ALS Vial : 27 Sample Multiplier: 1

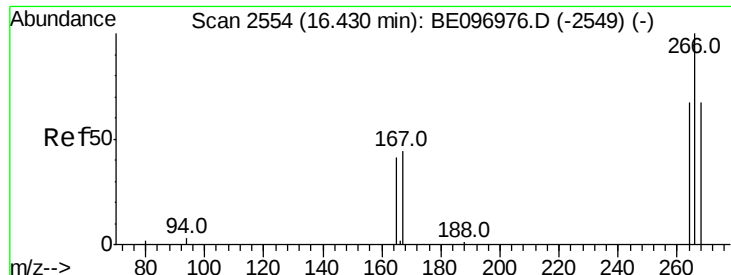
Instrument :
BNA_E
ClientSampleId :
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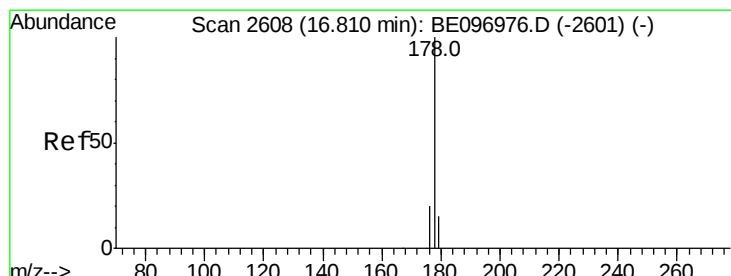
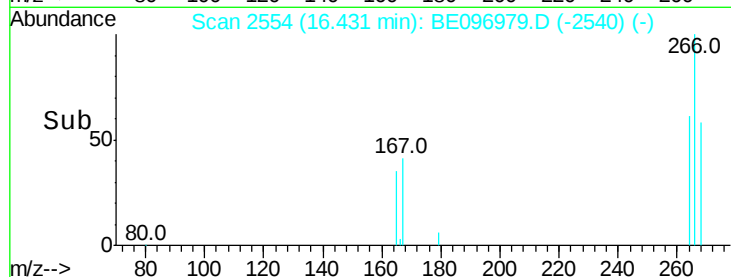
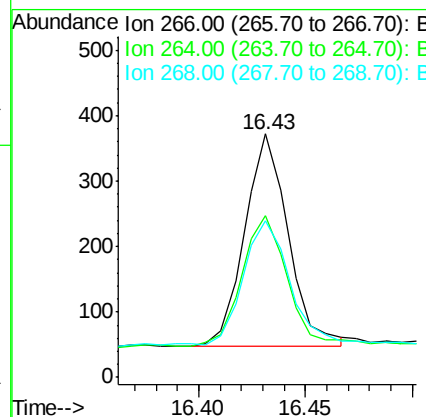
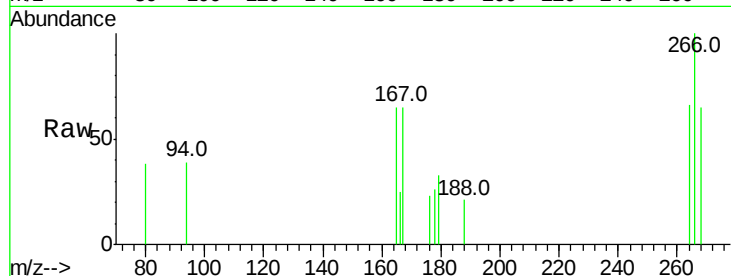
#11
 Pentachlorophenol
 Concen: 0.225 ng/ul m
 RT: 16.43 min Scan# 2554
 Delta R.T. 0.00 min
 Lab File: BE096979.D
 Acq: 18 Jul 2018 4:36

Instrument :
 BNA_E
 ClientSampleID :
 DB1D8

Tot Ion	Ratio	Lower	Upper
266	100		
264	0.0	47.9	71.9#
268	0.0	49.8	74.8#

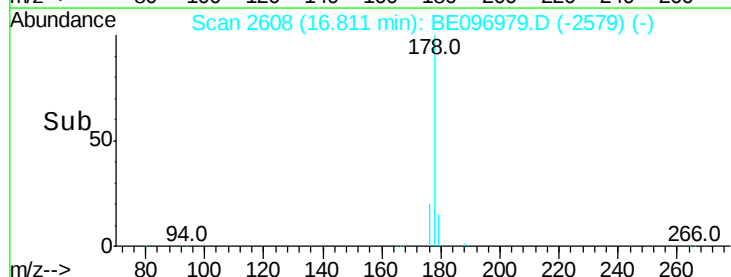
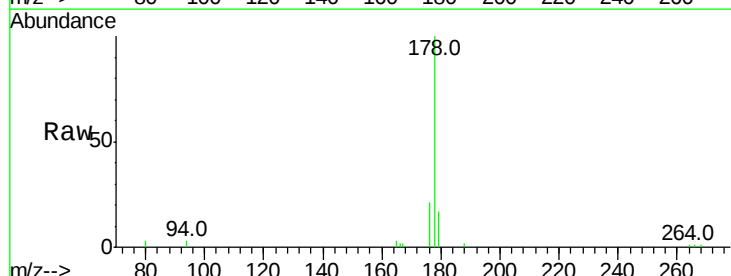
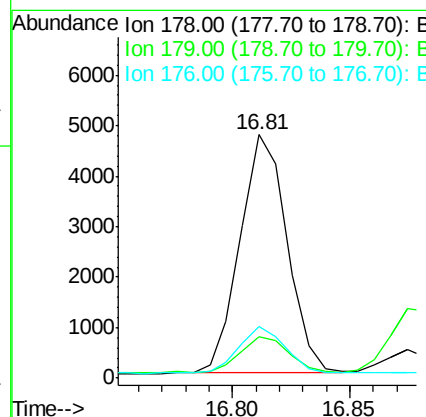
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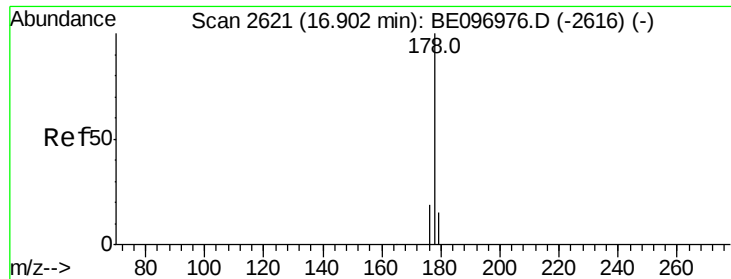
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#12
 Phenanthrene
 Concen: 0.136 ng/ul m
 RT: 16.81 min Scan# 2608
 Delta R.T. 0.00 min
 Lab File: BE096979.D
 Acq: 18 Jul 2018 4:36

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.8	18.4	27.6#
176	21.2	13.6	20.4#





#13

Anthracene

Concen: 0.021 ng/ul m

RT: 16.90 min Scan# 2621

Delta R.T. 0.00 min

Lab File: BE096979.D

Acq: 18 Jul 2018 4:36

Instrument :

BNA_E

ClientSampleId :

DB1D8

Tot Ion:178 Resp: 898

Ion Ratio Lower Upper

178 100

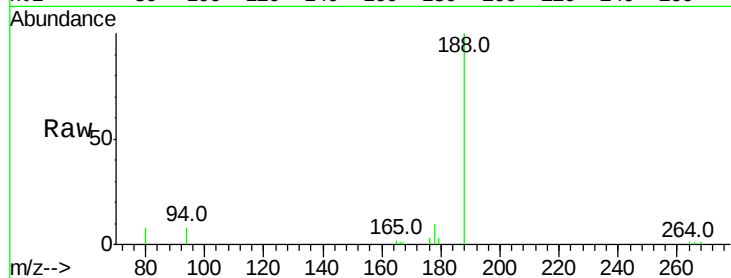
179 32.2 18.1 27.1#

176 29.1 14.7 22.1#

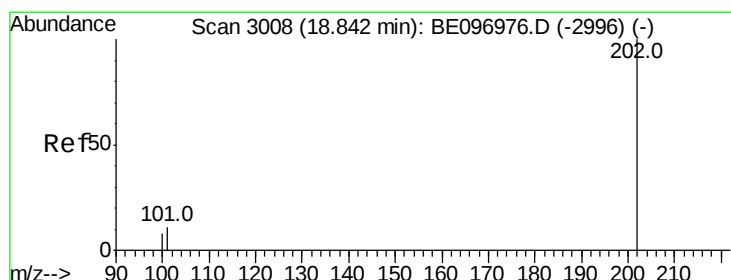
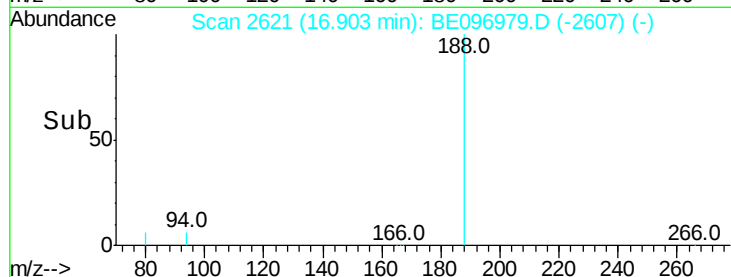
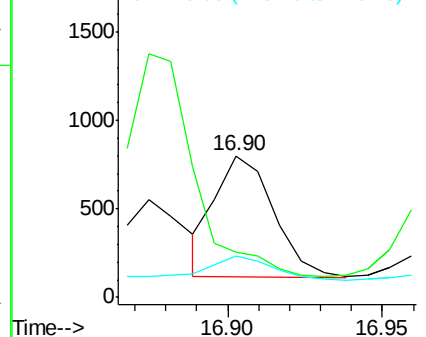
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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E



#15

Fluoranthene

Concen: 0.556 ng/ul m

RT: 18.84 min Scan# 3008

Delta R.T. -0.00 min

Lab File: BE096979.D

Acq: 18 Jul 2018 4:36

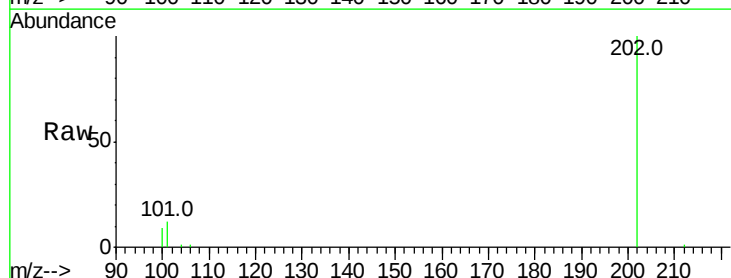
Tgt Ion:202 Resp: 35294

Ion Ratio Lower Upper

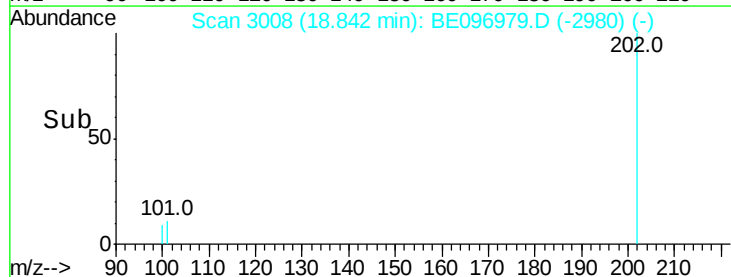
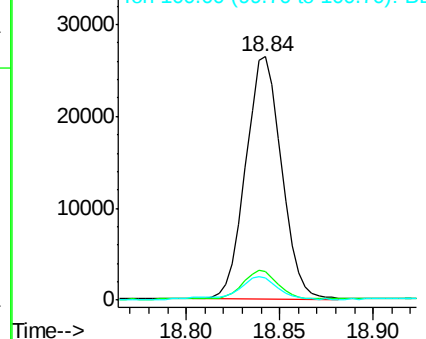
202 100

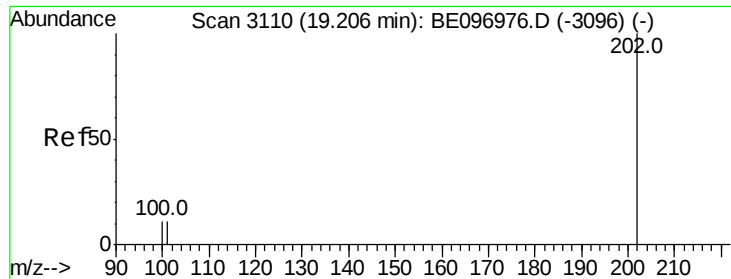
101 11.5 0.0 30.3

100 9.0 0.0 39.5



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





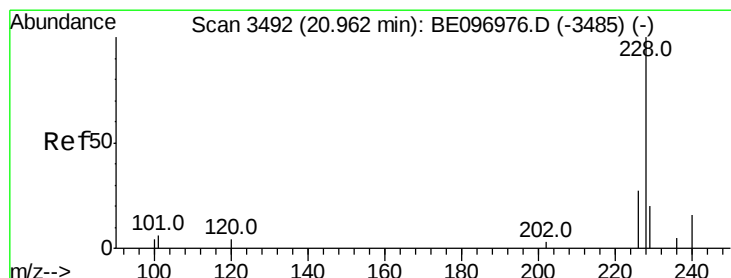
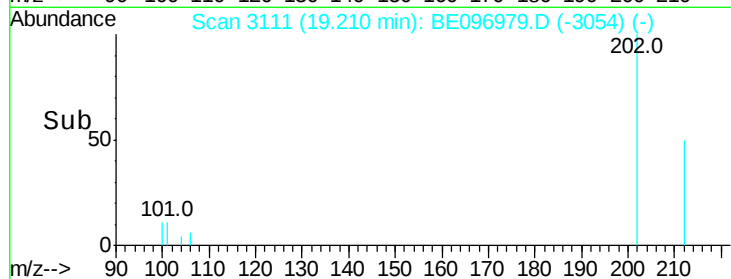
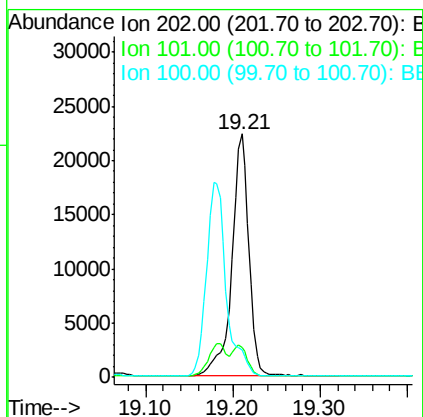
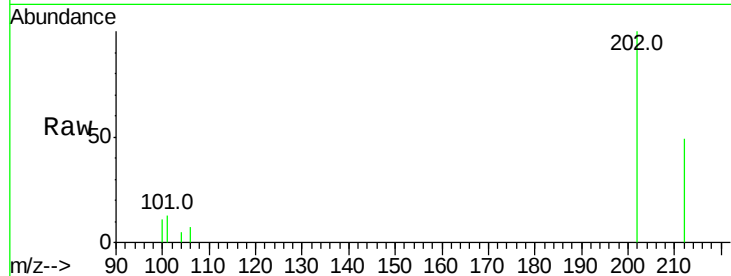
#17
Pvrene
Concen: 0.441 ng/ul
RT: 19.21 min Scan# 3111
Delta R.T. 0.00 min
Lab File: BE096979.D
Acq: 18 Jul 2018 4:36

Instrument :
BNA_E
ClientSampleId :
DB1D8

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	12.5	18.2	27.4#
100	11.5	15.6	23.4#

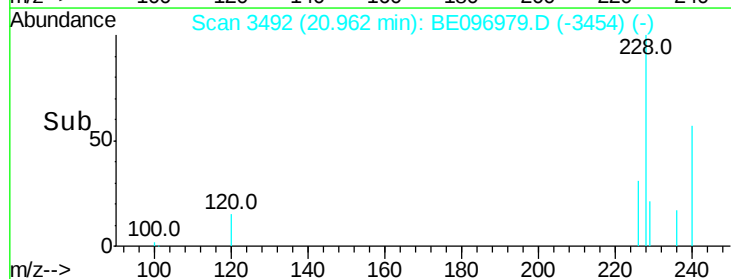
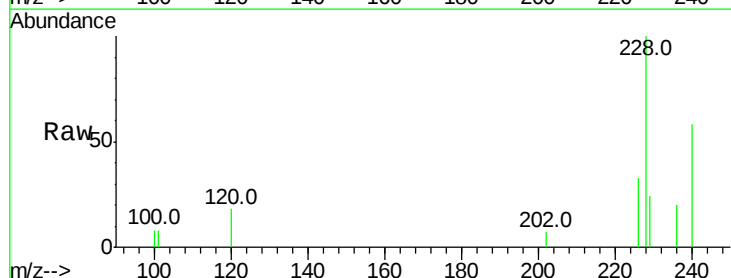
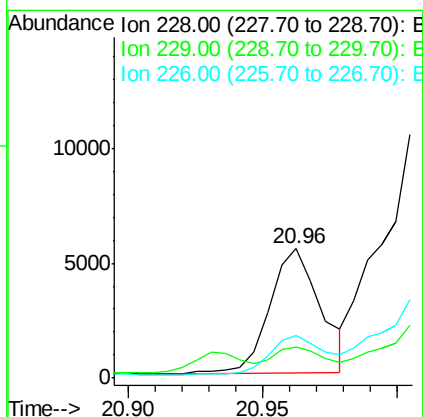
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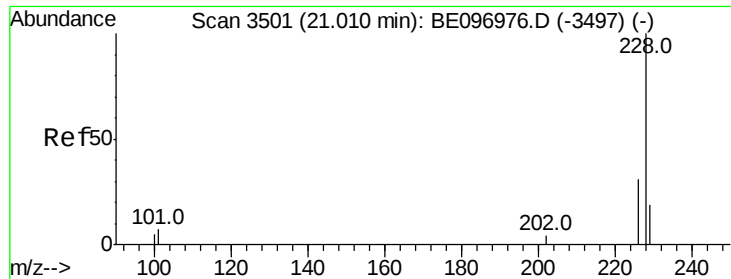
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#18
Benzo(a)anthracene
Concen: 0.114 ng/ul m
RT: 20.96 min Scan# 3492
Delta R.T. -0.00 min
Lab File: BE096979.D
Acq: 18 Jul 2018 4:36

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	24.2	22.8	34.2
226	33.2	17.0	25.6#





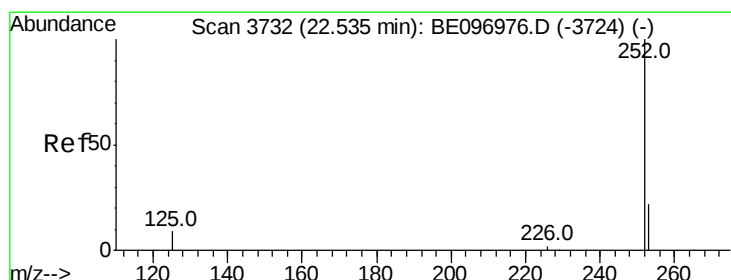
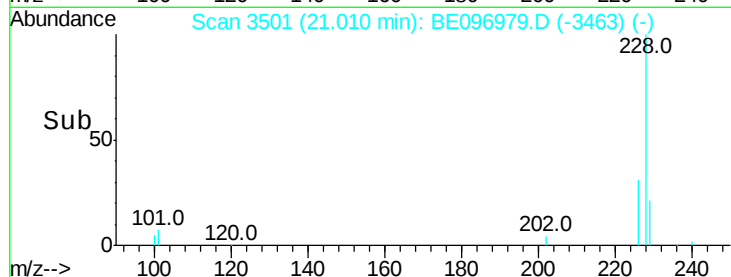
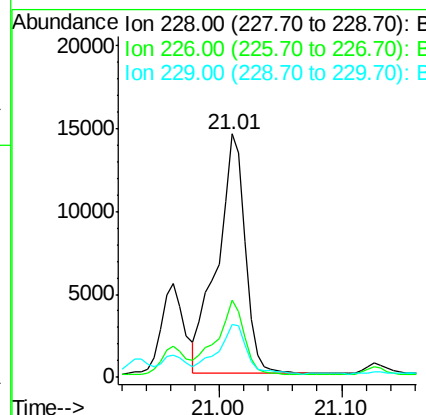
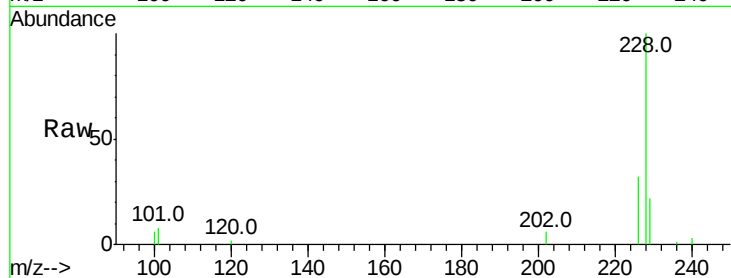
#19
Chrysene
Concen: 0.321 ng/ul
RT: 21.01 min Scan# 3501
Delta R.T. -0.00 min
Lab File: BE096979.D
Acq: 18 Jul 2018 4:36

Instrument :
BNA_E
ClientSampleId :
DB1D8

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.9	23.4	35.0
229	21.7	17.7	26.5

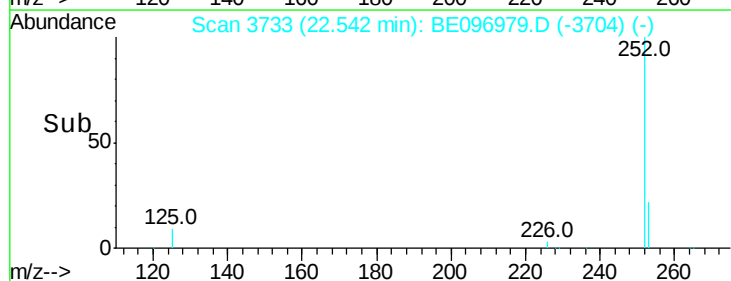
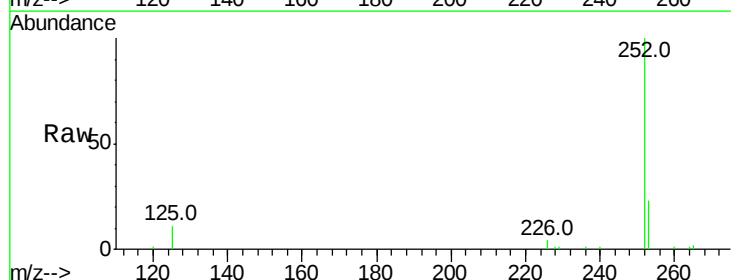
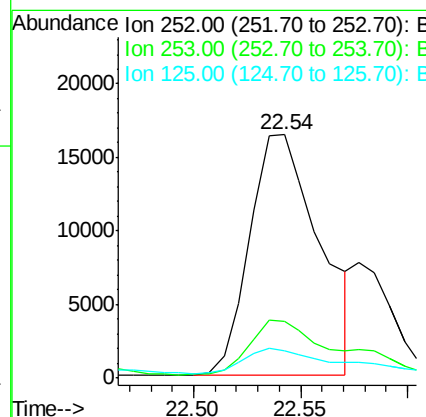
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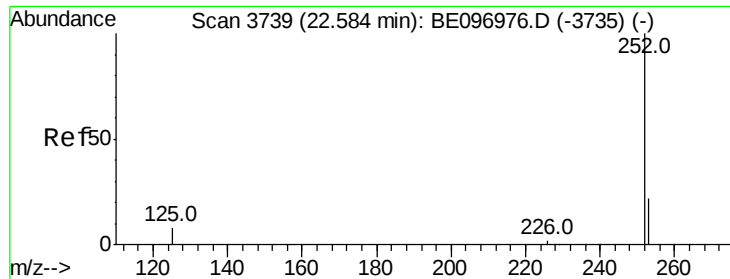
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#21
Benzo(b)fluoranthene
Concen: 0.652 ng/ul m
RT: 22.54 min Scan# 3733
Delta R.T. 0.01 min
Lab File: BE096979.D
Acq: 18 Jul 2018 4:36

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.4	0.0	64.2
125	11.3	0.0	35.0





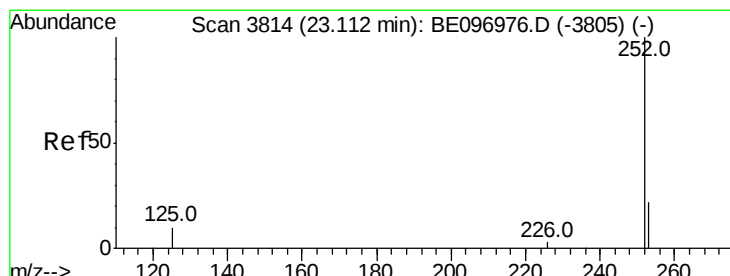
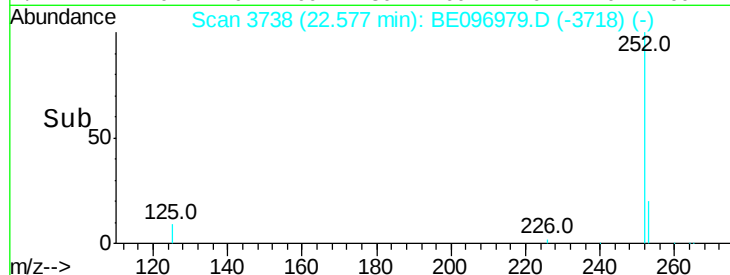
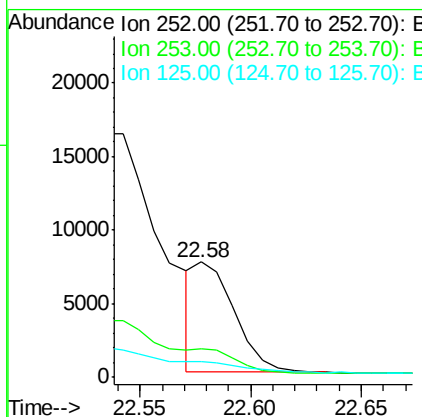
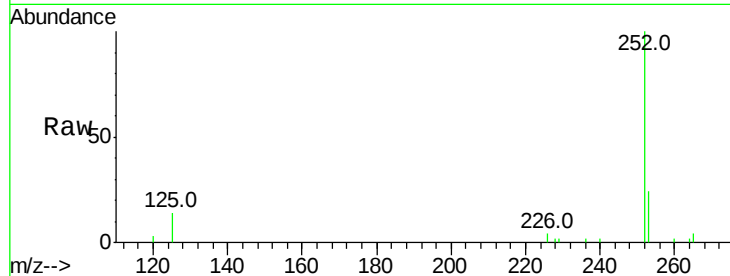
#22
Benzo(k)fluoranthene
Concen: 0.158 ng/ul m
RT: 22.58 min Scan# 3738
Delta R.T. -0.01 min
Lab File: BE096979.D
Acq: 18 Jul 2018 4:36

Instrument :
BNA_E
ClientSampleId :
DB1D8

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.4	24.5	36.7#
125	13.6	13.7	20.5#

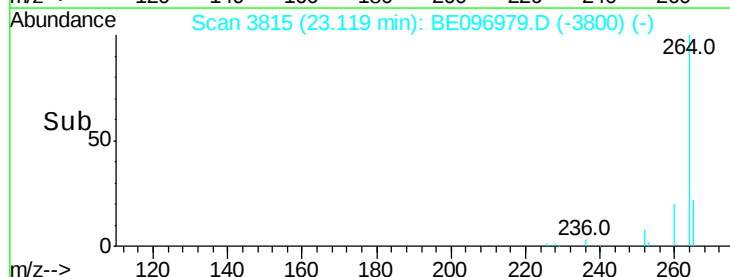
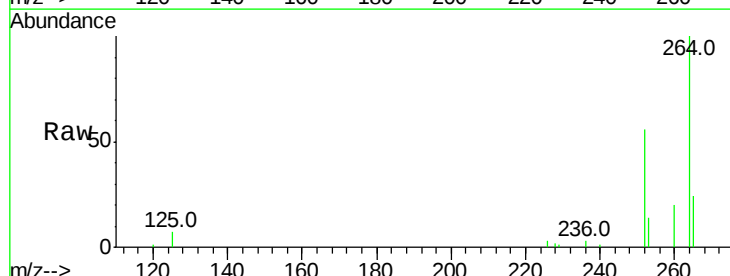
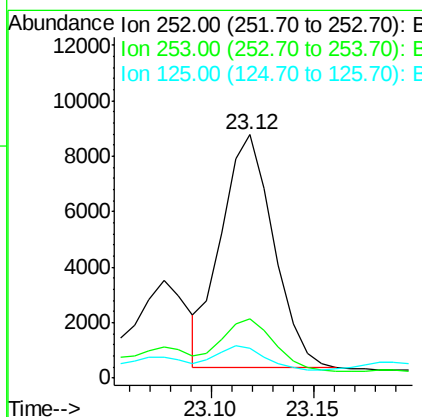
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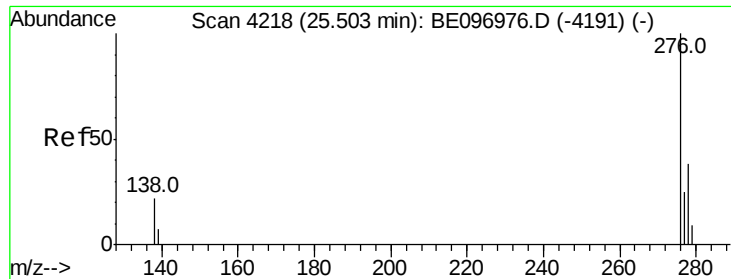
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#23
Benzo(a)pyrene
Concen: 0.300 ng/ul m
RT: 23.12 min Scan# 3815
Delta R.T. 0.01 min
Lab File: BE096979.D
Acq: 18 Jul 2018 4:36

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.2	28.5	42.7#
125	12.5	18.1	27.1#





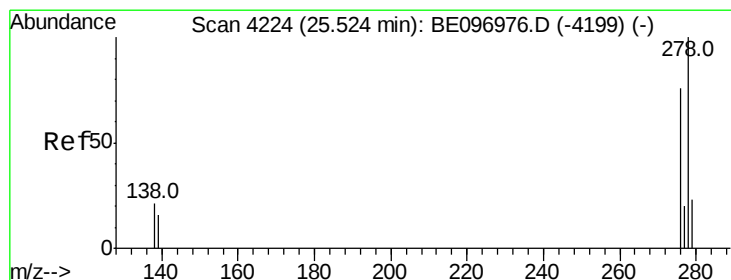
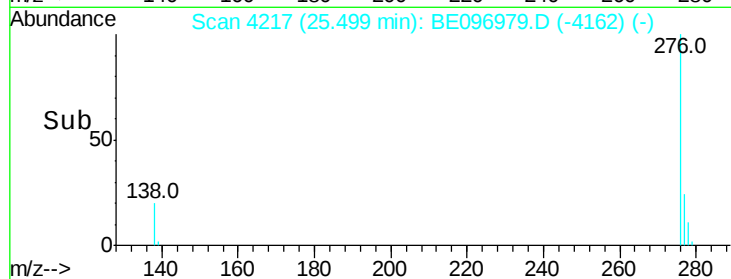
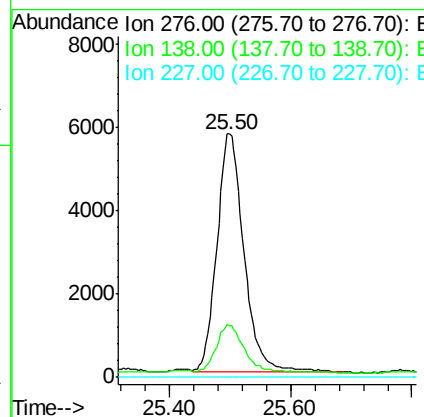
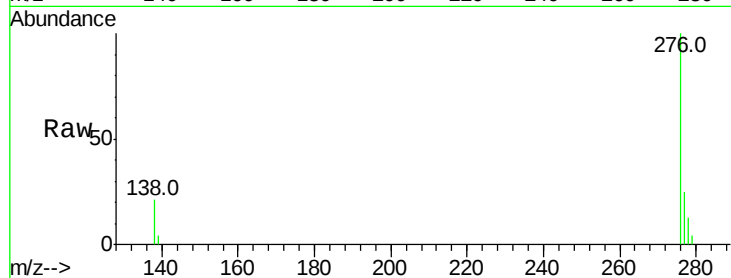
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.316 ng/u1
 RT: 25.50 min Scan# 4217
 Delta R.T. -0.00 min
 Lab File: BE096979.D
 Acq: 18 Jul 2018 4:36

Instrument :
 BNA_E
 ClientSampleId :
 DB1D8

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

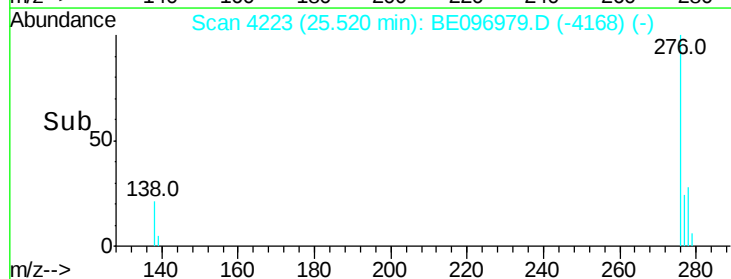
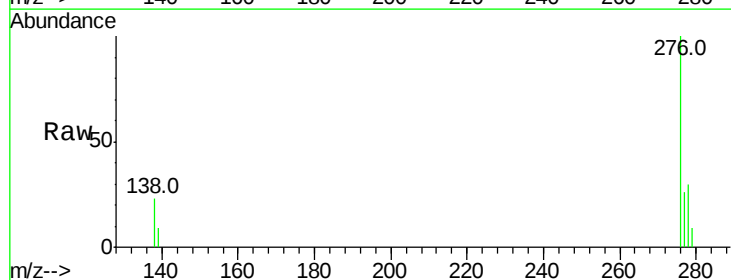
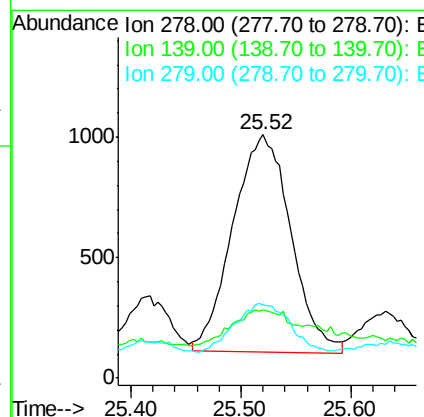
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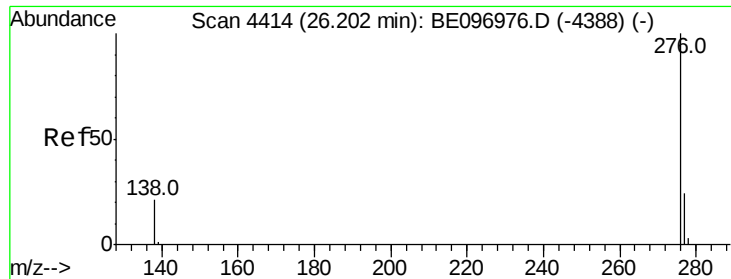
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#25
 Dibenzo(a,h)anthracene
 Concen: 0.071 ng/u1
 RT: 25.52 min Scan# 4223
 Delta R.T. -0.00 min
 Lab File: BE096979.D
 Acq: 18 Jul 2018 4:36

Tgt Ion	Ratio	Resp Lower	Upper
278	100		
139	28.2	17.4	26.0#
279	30.0	25.9	38.9





#26

Benzo(a,h,i)perylene

Concen: 0.395 ng/ul

RT: 26.20 min Scan# 4413

Delta R.T. -0.00 min

Lab File: BE096979.D

Acq: 18 Jul 2018 4:36

Instrument :

BNA_E

ClientSampleId :

DB1D8

Tot Ion:	276	Resp:	19764
Ion Ratio	Lower	Upper	
276	100		
138	22.7	21.8	32.8
277	24.4	20.5	30.7

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