

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE071718\
 Data File : BE096983.D
 Acq On : 18 Jul 2018 7:05
 Operator : SJ/JU
 Sample : J3967-19
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 DB1F9

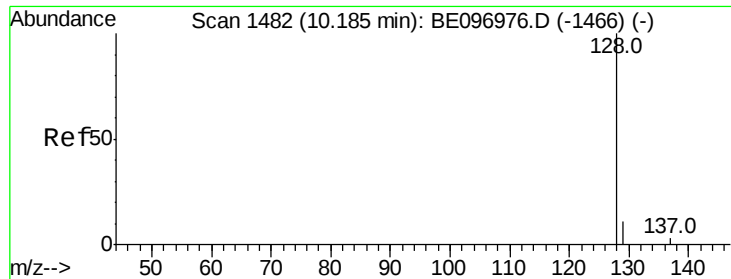
Manual Integrations
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Sohil
 7/18/2018 10:50:06 AM

Quant Time: Jul 18 08:05:52 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	7.39	152	2799	0.40	ng/ul	0.00
2) Naphthalene-d8	10.14	136	14657	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.03	164	9287	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.78	188	23816m	0.40	ng/ul	0.00
16) Chrysene-d12	20.98	240	26793m	0.40	ng/ul	0.00
20) Perylene-d12	23.22	264	23019m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.74	152	6911	0.30	ng/ul	0.00
14) Fluoranthene-d10	18.81	212	21623m	0.30	ng/ul	0.00
Target Compounds					Ovalue	
3) Naphthalene	10.19	128	977	0.028	ng/ul#	85
8) Acenaphthene	14.08	153	4169	0.133	ng/ul	93
9) Fluorene	15.08	166	9855	0.295	ng/ul	93
11) Pentachlorophenol	16.43	266	685m	0.254	ng/ul	
12) Phenanthrene	16.82	178	33665m	0.539	ng/ul	
13) Anthracene	16.91	178	12933m	0.237	ng/ul	
15) Fluoranthene	18.85	202	56123m	0.681	ng/ul	
17) Pyrene	19.21	202	39717	0.512	ng/ul#	83
18) Benzo(a)anthracene	20.96	228	3539m	0.050	ng/ul	
19) Chrysene	21.02	228	10920	0.136	ng/ul#	94
21) Benzo(b)fluoranthene	22.54	252	7913m	0.121	ng/ul	
22) Benzo(k)fluoranthene	22.58	252	2289m	0.034	ng/ul	
23) Benzo(a)pyrene	23.12	252	2317	0.040	ng/ul	99
24) Indeno(1,2,3-cd)pyrene	25.50	276	2846	0.044	ng/ul#	83
26) Benzo(g,h,i)perylene	26.20	276	2944	0.051	ng/ul	94

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



#3

Naphthalene

Concen: 0.028 ng/ul

RT: 10.19 min Scan# 1484

Delta R.T. 0.01 min

Lab File: BE096983.D

Acq: 18 Jul 2018 7:05

Instrument :

BNA_E

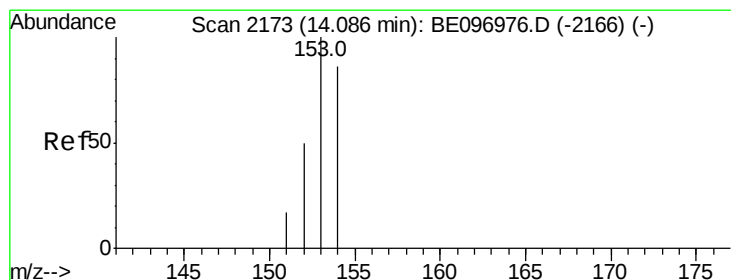
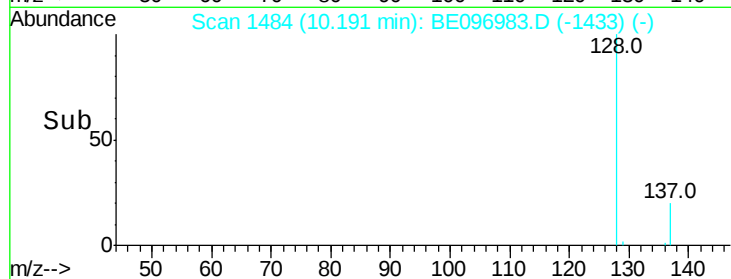
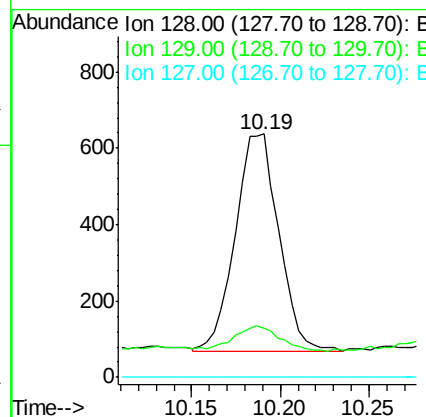
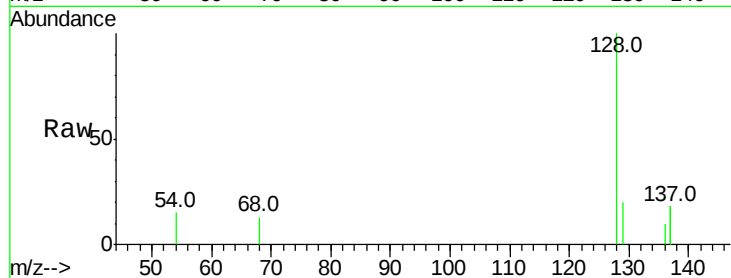
ClientSampleId :

DB1F9

Tot Ion:	128	Resp:	977
Ion	Ratio	Lower	Upper
128	100		
129	20.4	11.3	16.9#
127	0.0	4.0	6.0#

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#8

Acenaphthene

Concen: 0.133 ng/ul

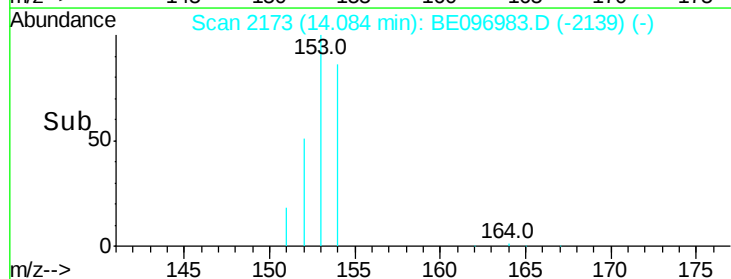
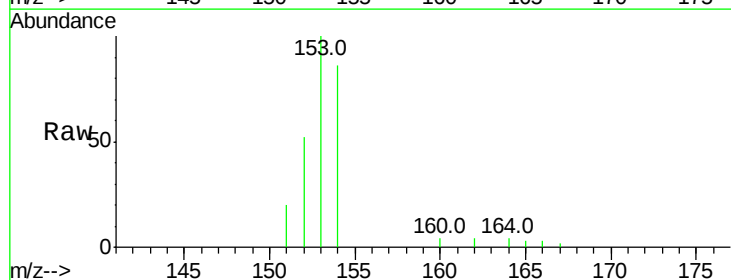
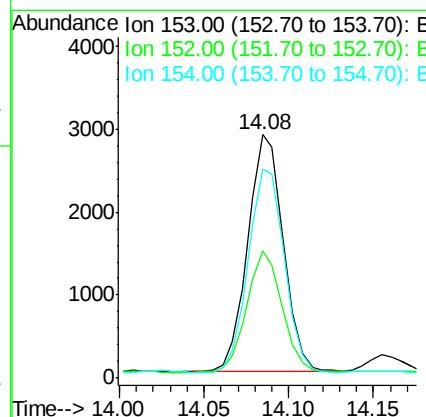
RT: 14.08 min Scan# 2173

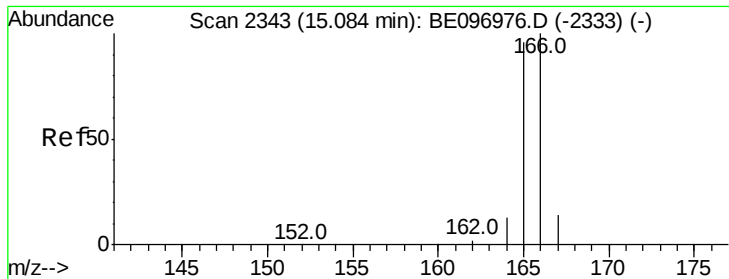
Delta R.T. -0.00 min

Lab File: BE096983.D

Acq: 18 Jul 2018 7:05

Tgt Ion:	153	Resp:	4169
Ion	Ratio	Lower	Upper
153	100		
152	52.4	36.0	54.0
154	85.8	72.0	108.0





#9

Fluorene

Concen: 0.295 ng/ul

RT: 15.08 min Scan# 2343

Delta R.T. -0.00 min

Lab File: BE096983.D

Acq: 18 Jul 2018 7:05

Instrument :

BNA_E

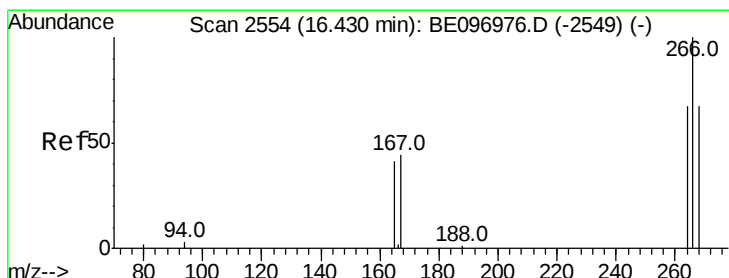
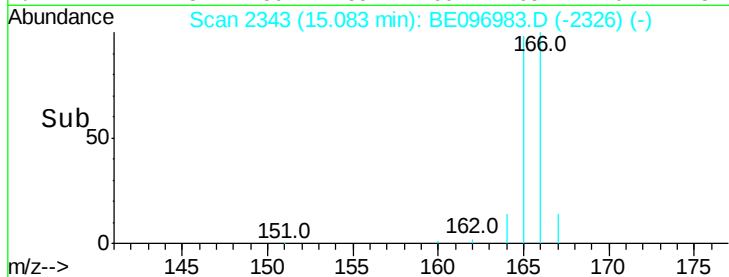
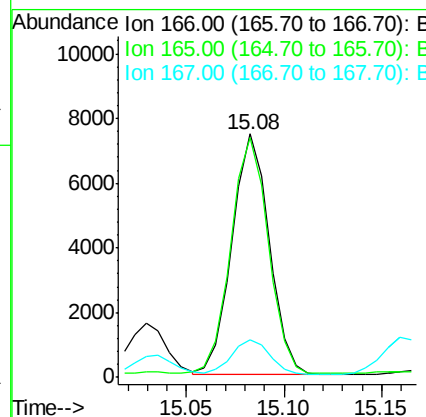
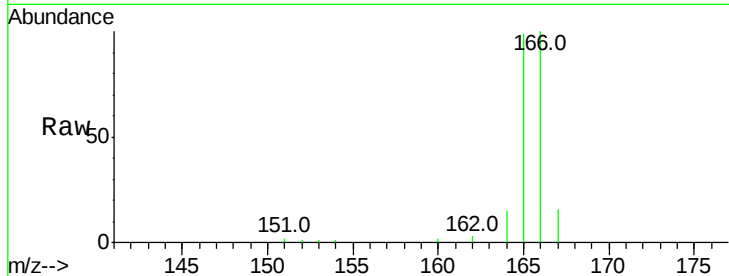
ClientSampleId :

DB1F9

Tot Ion:	166	Resp:	9855
Ion Ratio	Lower	Upper	
166	100		
165	98.6	73.4	110.2
167	15.5	14.6	22.0

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#11

Pentachlorophenol

Concen: 0.254 ng/ul m

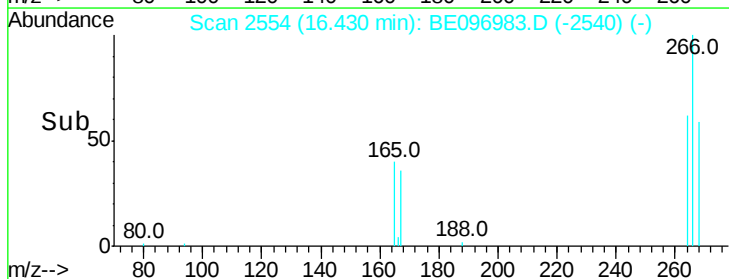
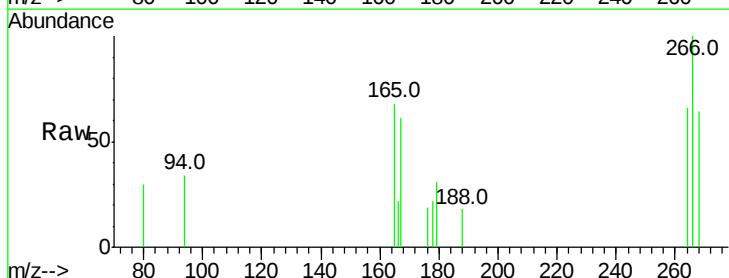
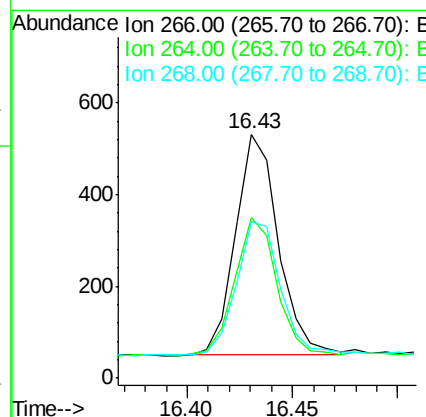
RT: 16.43 min Scan# 2554

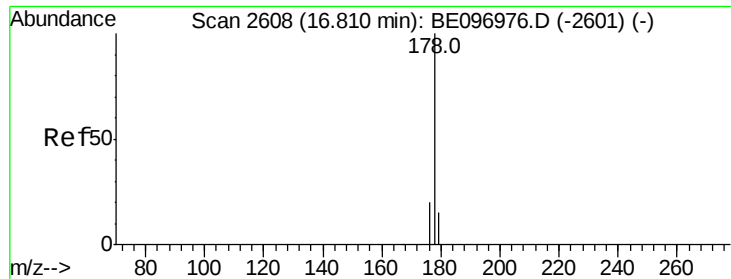
Delta R.T. 0.00 min

Lab File: BE096983.D

Acq: 18 Jul 2018 7:05

Tgt Ion:	266	Resp:	685
Ion Ratio	Lower	Upper	
266	100		
264	0.0	47.9	71.9#
268	0.0	49.8	74.8#





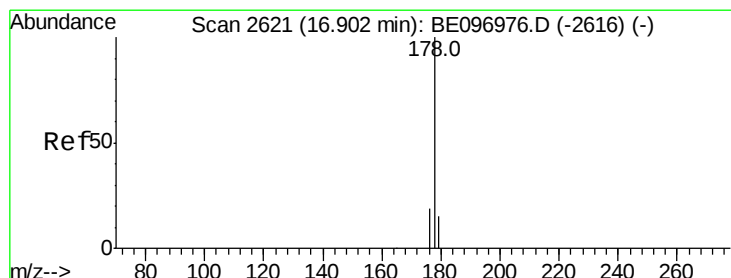
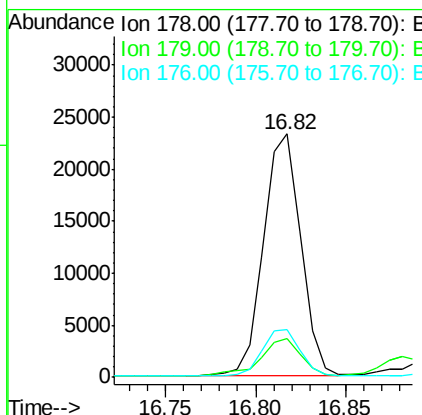
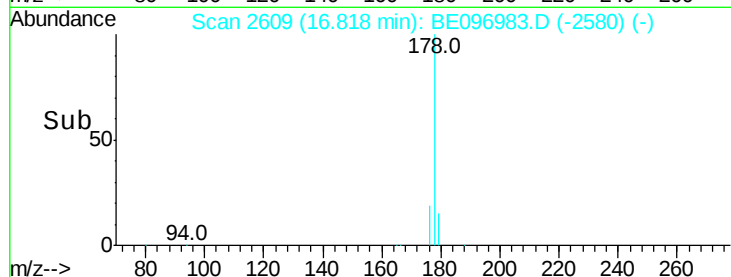
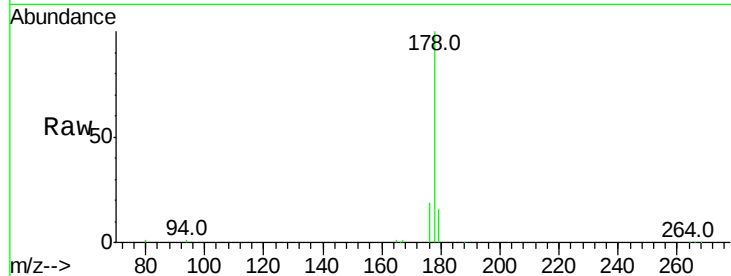
#12
Phenanthrene
Concen: 0.539 ng/ul m
RT: 16.82 min Scan# 2609
Delta R.T. 0.01 min
Lab File: BE096983.D
Acq: 18 Jul 2018 7:05

Instrument :
BNA_E
ClientSampleId :
DB1F9

Tot Ion:178 Resp: 33665
Ion Ratio Lower Upper
178 100
179 15.9 18.4 27.6#
176 19.4 13.6 20.4

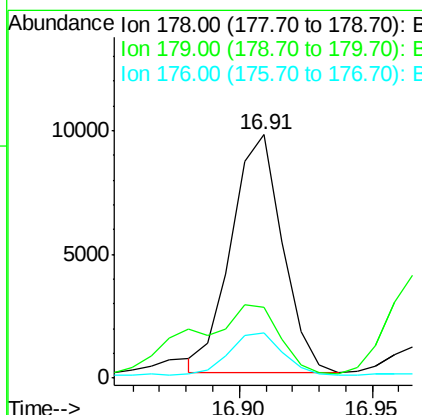
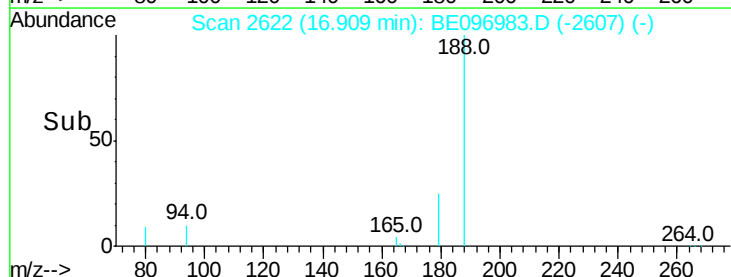
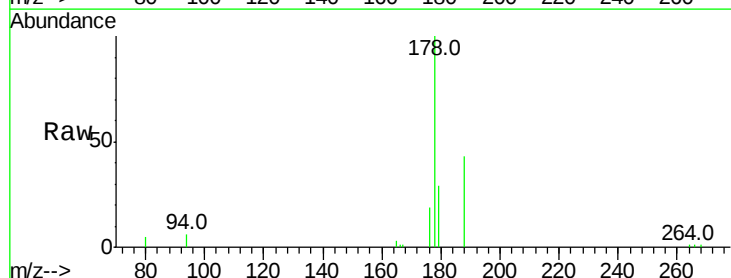
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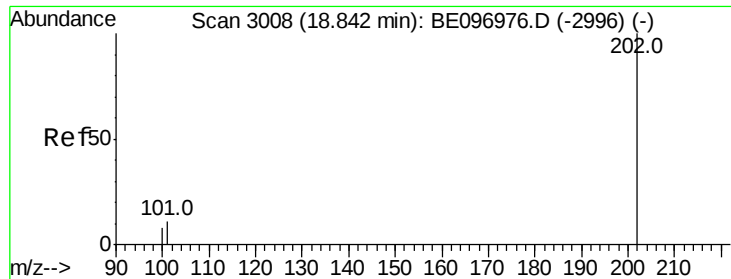
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#13
Anthracene
Concen: 0.237 ng/ul m
RT: 16.91 min Scan# 2622
Delta R.T. 0.01 min
Lab File: BE096983.D
Acq: 18 Jul 2018 7:05

Tgt Ion:178 Resp: 12933
Ion Ratio Lower Upper
178 100
179 29.3 18.1 27.1#
176 18.7 14.7 22.1





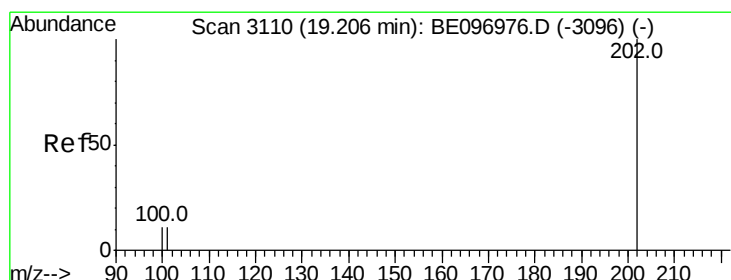
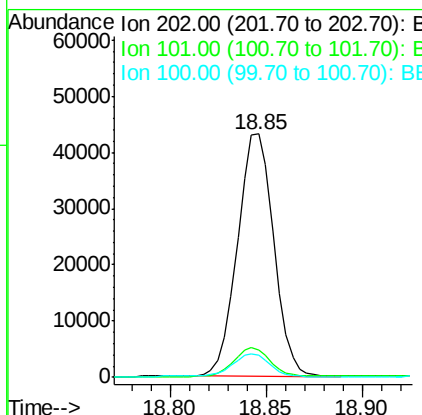
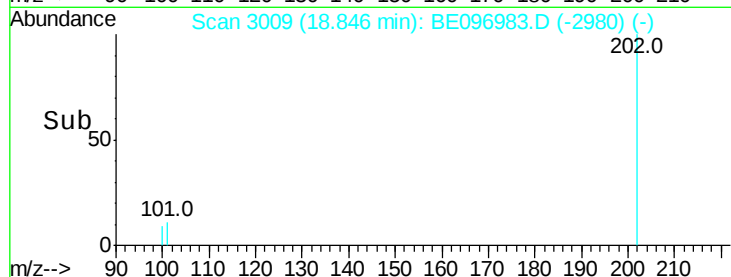
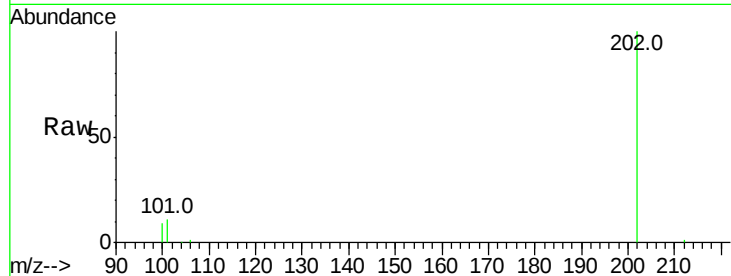
#15
Fluoranthene
Concen: 0.681 ng/ul m
RT: 18.85 min Scan# 3009
Delta R.T. 0.00 min
Lab File: BE096983.D
Acq: 18 Jul 2018 7:05

Instrument :
BNA_E
ClientSampleId :
DB1F9

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	11.5	0.0	30.3
100	9.0	0.0	39.5

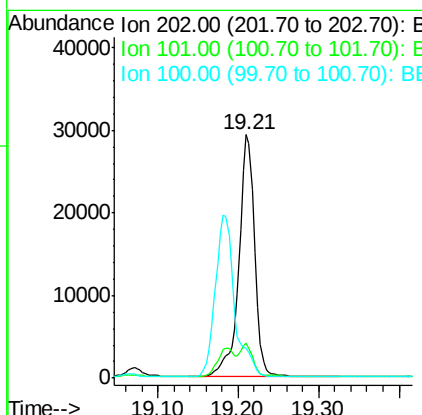
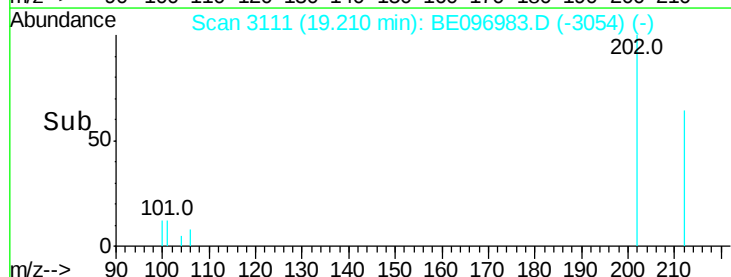
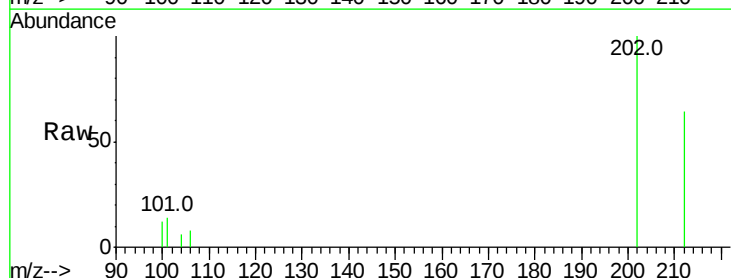
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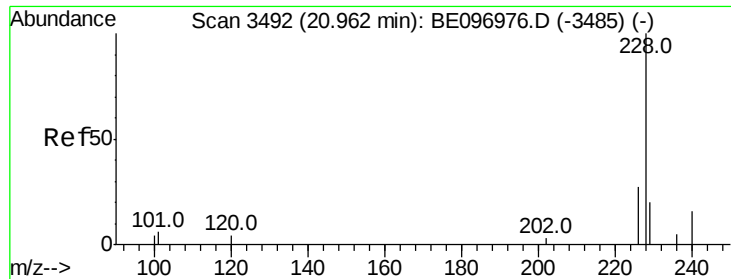
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#17
Pyrene
Concen: 0.512 ng/ul
RT: 19.21 min Scan# 3111
Delta R.T. 0.00 min
Lab File: BE096983.D
Acq: 18 Jul 2018 7:05

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	14.1	18.2	27.4#
100	12.4	15.6	23.4#





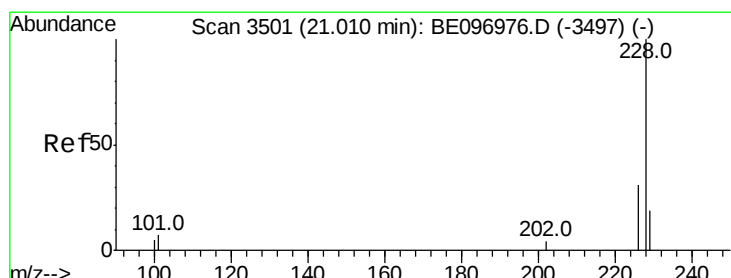
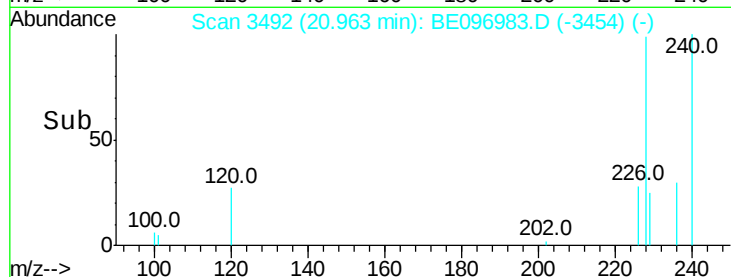
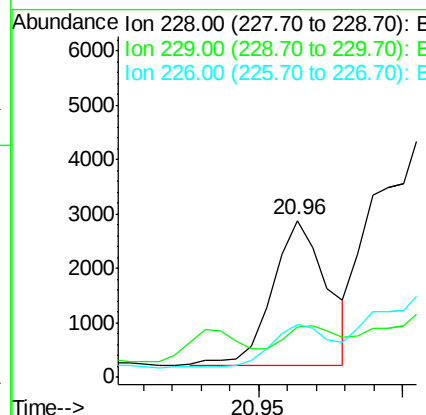
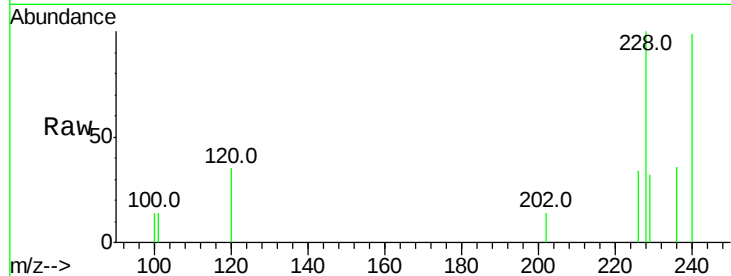
#18
Benzo(a)anthracene
Concen: 0.050 ng/ul m
RT: 20.96 min Scan# 3492
Delta R.T. 0.00 min
Lab File: BE096983.D
Acq: 18 Jul 2018 7:05

Instrument :
BNA_E
ClientSampleId :
DB1F9

Tot Ion	Ratio	Lower	Upper
228	100		
229	31.9	22.8	34.2
226	34.0	17.0	25.6#

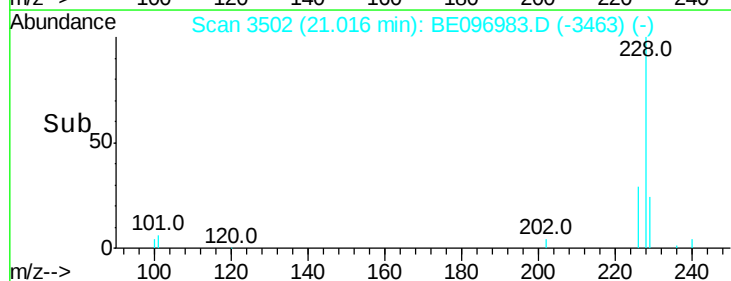
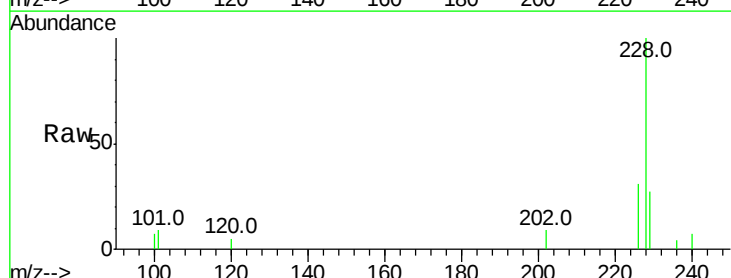
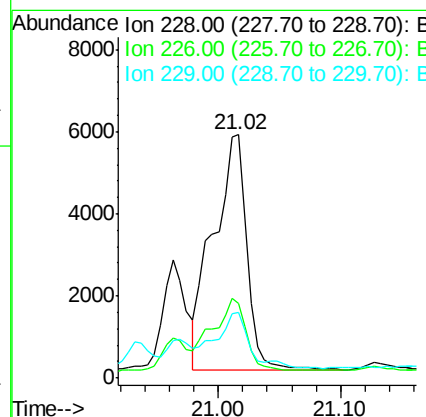
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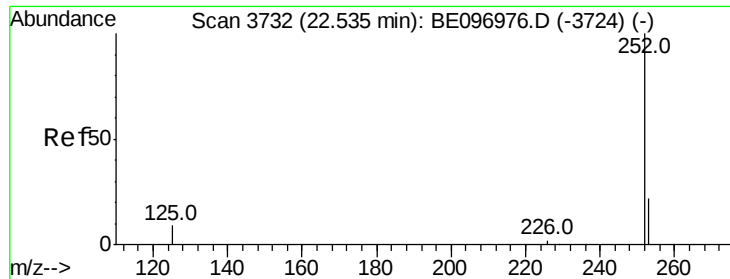
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#19
Chrysene
Concen: 0.136 ng/ul
RT: 21.02 min Scan# 3502
Delta R.T. 0.01 min
Lab File: BE096983.D
Acq: 18 Jul 2018 7:05

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.6	23.4	35.0
229	27.1	17.7	26.5#





#21

Benzo(b)fluoranthene

Concen: 0.121 ng/ul m

RT: 22.54 min Scan# 3733

Delta R.T. 0.01 min

Lab File: BE096983.D

Acq: 18 Jul 2018 7:05

Instrument :

BNA_E

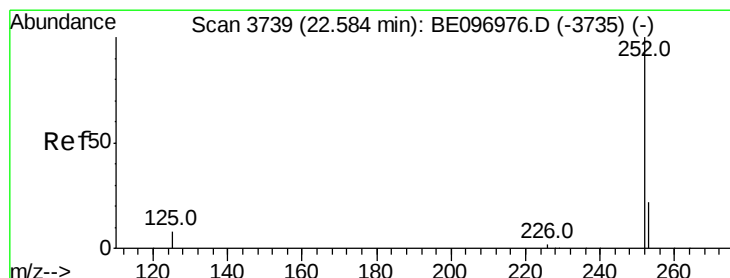
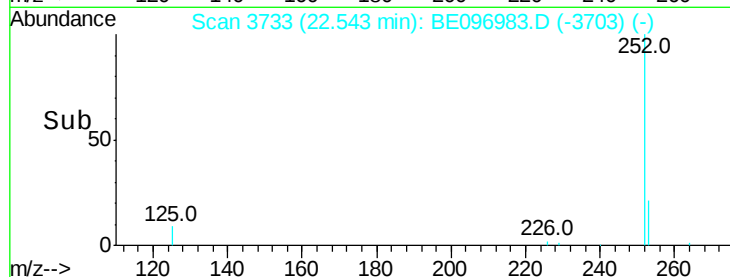
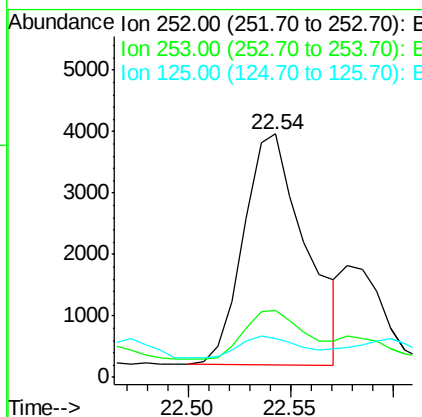
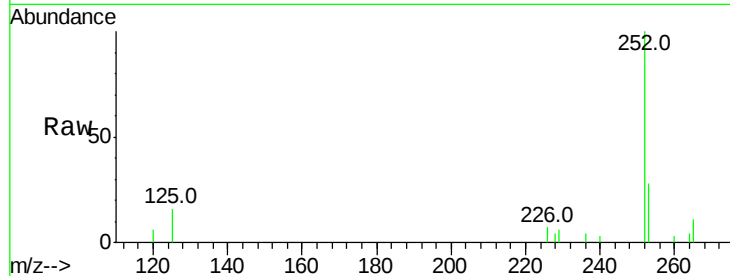
ClientSampleId :

DB1F9

Tot Ion	Ratio	Lower	Upper
252	100		
253	27.8	0.0	64.2
125	16.0	0.0	35.0

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#22

Benzo(k)fluoranthene

Concen: 0.034 ng/ul m

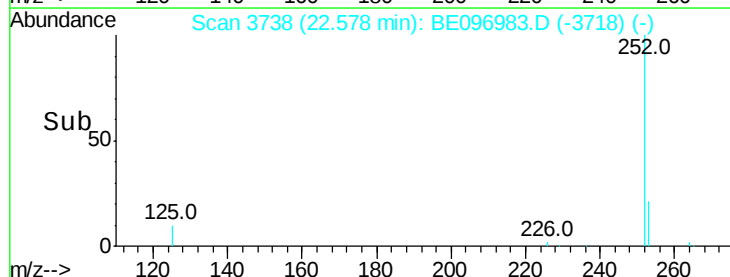
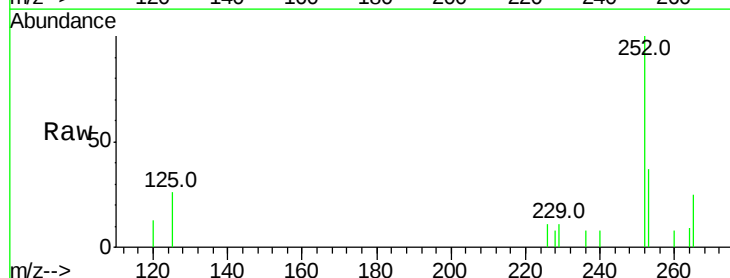
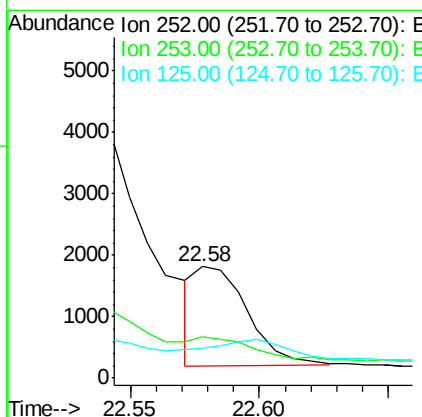
RT: 22.58 min Scan# 3738

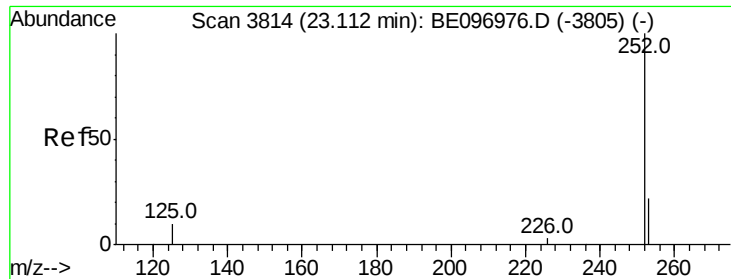
Delta R.T. -0.01 min

Lab File: BE096983.D

Acq: 18 Jul 2018 7:05

Tgt Ion	Ratio	Lower	Upper
252	100		
253	36.7	24.5	36.7
125	26.4	13.7	20.5





#23

Benzo(a)pyrene

Concen: 0.040 ng/ul

RT: 23.12 min Scan# 3815

Delta R.T. 0.01 min

Lab File: BE096983.D

Acq: 18 Jul 2018 7:05

Instrument :

BNA_E

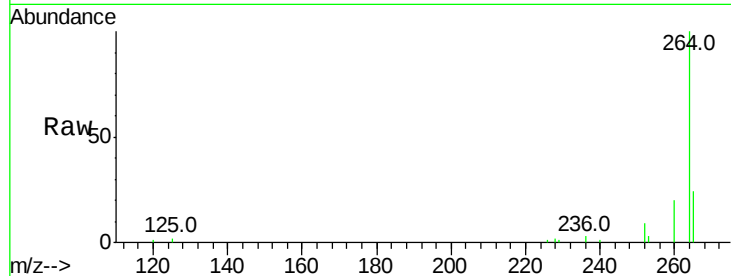
ClientSampleId :

DB1F9

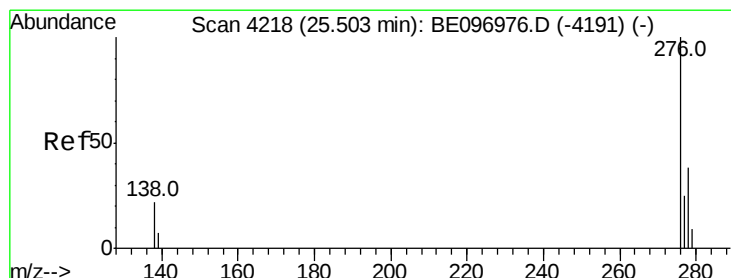
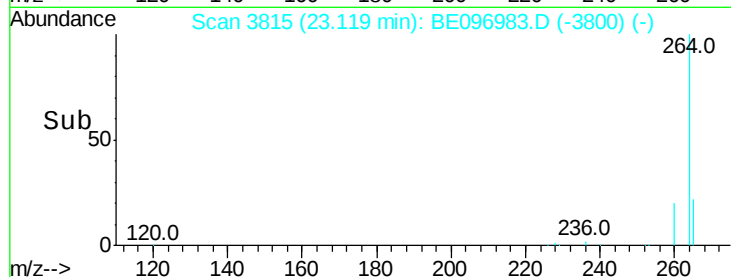
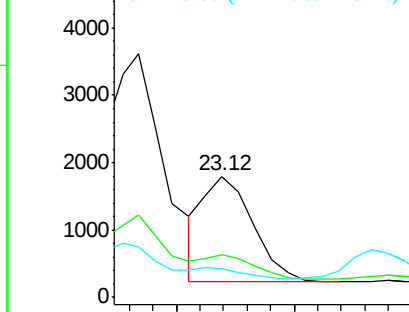
Tot Ion:	252	Resp:	2317
Ion Ratio	Lower	Upper	
252	100		
253	35.7	28.5	42.7
125	23.2	18.1	27.1

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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



#24

Indeno(1,2,3-cd)pyrene

Concen: 0.044 ng/ul

RT: 25.50 min Scan# 4217

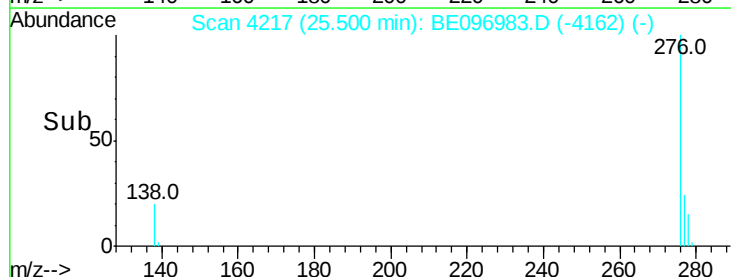
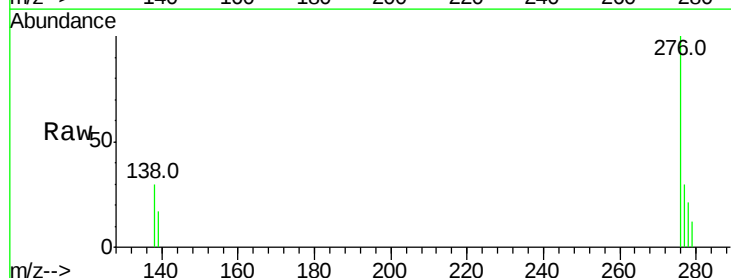
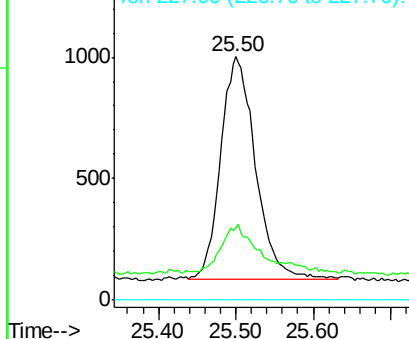
Delta R.T. -0.00 min

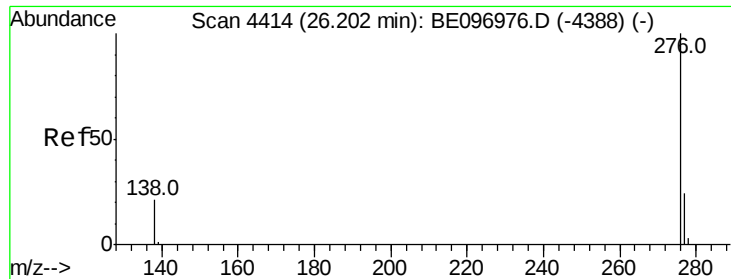
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Tgt Ion:	276	Resp:	2846
Ion Ratio	Lower	Upper	
276	100		
138	26.6	28.0	42.0#
227	0.0	8.0	12.0#

Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 227.00 (226.70 to 227.70): E





#26
Benzo(a,h,i)perylene
Concen: 0.051 ng/ul
RT: 26.20 min Scan# 4414
Delta R.T. 0.00 min
Lab File: BE096983.D
Acq: 18 Jul 2018 7:05

Instrument :
BNA_E
ClientSampleId :
DB1F9

Tot Ion	Ratio	Lower	Upper
276	100		
138	30.2	21.8	32.8
277	28.9	20.5	30.7

Manual Integrations
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7/18/2018 10:50:06 AM

