

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE071718\
 Data File : BE096977.D
 Acq On : 18 Jul 2018 3:21
 Operator : SJ/JU
 Sample : J3967-05
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 DB1E1

Manual Integrations
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Sohil
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Quant Time: Jul 18 11:19:01 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	1863	0.40	ng/ul	0.00
2) Naphthalene-d8	10.14	136	9598	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.03	164	6087	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.78	188	15847m	0.40	ng/ul	0.00
16) Chrysene-d12	20.98	240	16410m	0.40	ng/ul	0.00
20) Perylene-d12	23.22	264	13829m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.73	152	5464	0.36	ng/ul	0.00
14) Fluoranthene-d10	18.81	212	16940m	0.35	ng/ul	0.00
Target Compounds				Ovalue		
11) Pentachlorophenol	16.43	266	180740m	100.898	ng/ul	
12) Phenanthrene	16.82	178	11562m	0.278	ng/ul	
13) Anthracene	16.91	178	1818m	0.050	ng/ul	
15) Fluoranthene	18.84	202	71958m	1.312	ng/ul	
17) Pyrene	19.21	202	71681	1.510	ng/ul#	79
18) Benzo(a)anthracene	20.96	228	44258m	1.019	ng/ul	
19) Chrysene	21.01	228	52252	1.060	ng/ul	98
21) Benzo(b)fluoranthene	22.54	252	103821m	2.646	ng/ul	
22) Benzo(k)fluoranthene	22.58	252	30685m	0.757	ng/ul	
23) Benzo(a)pyrene	23.12	252	67520m	1.960	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.50	276	47460m	1.229	ng/ul	
25) Dibenzo(a,h)anthracene	25.51	278	10579m	0.328	ng/ul	
26) Benzo(g,h,i)perylene	26.20	276	50802m	1.475	ng/ul	

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

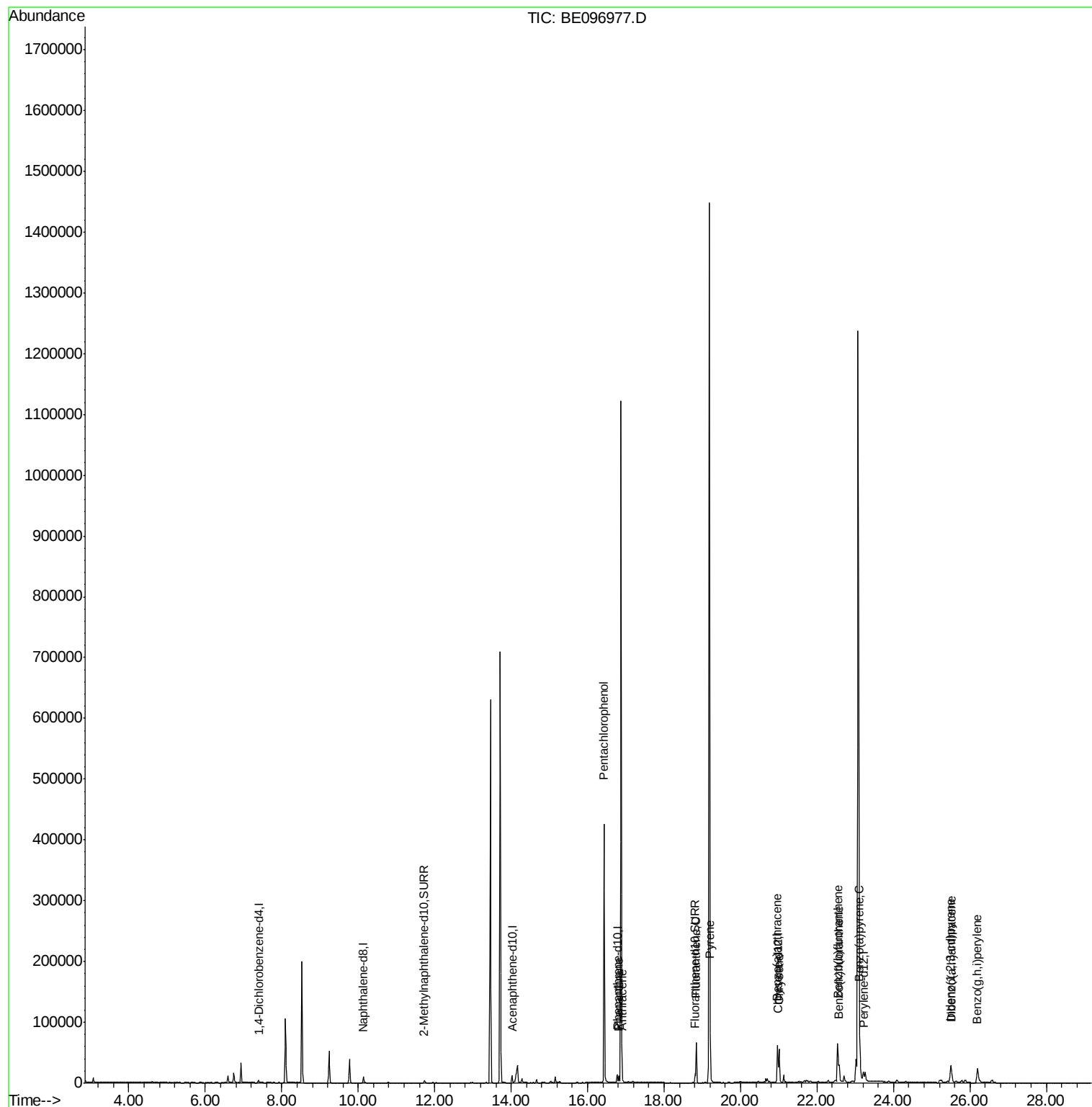
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE071718\
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ALS Vial : 25 Sample Multiplier: 1

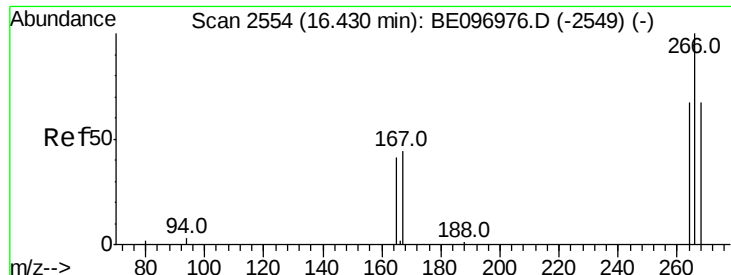
Instrument :
BNA_E
ClientSampleId :
DB1E1

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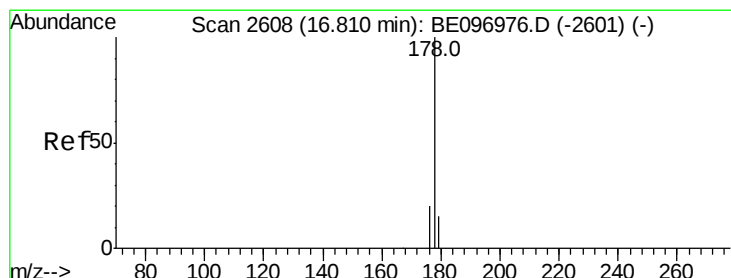
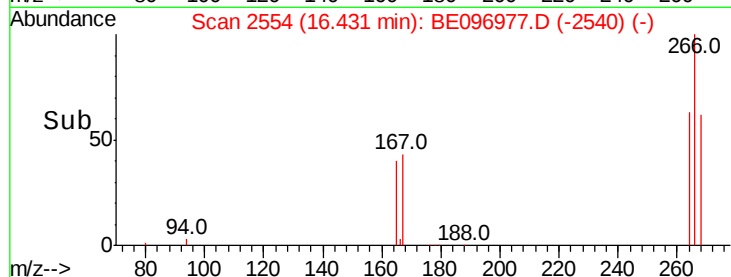
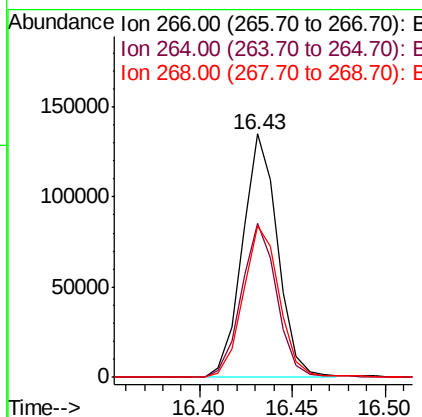
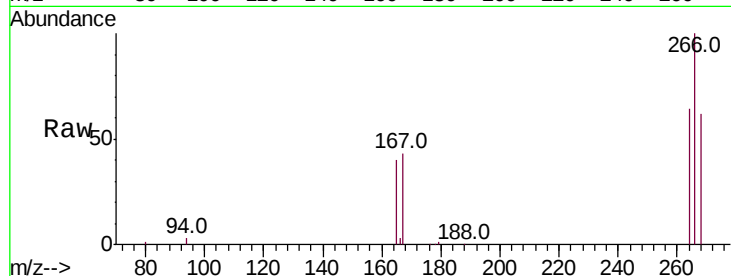
#11
 Pentachlorophenol
 Concen: 100.898 ng/ul m
 RT: 16.43 min Scan# 2554
 Delta R.T. 0.00 min
 Lab File: BE096977.D
 Acq: 18 Jul 2018 3:21

Instrument :
 BNA_E
 ClientSampleId :
 DB1E1

Tot Ion	Ratio	Resp	Lower	Upper
266	100	180740		
264	0.0	47.9	71.9#	
268	0.0	49.8	74.8#	

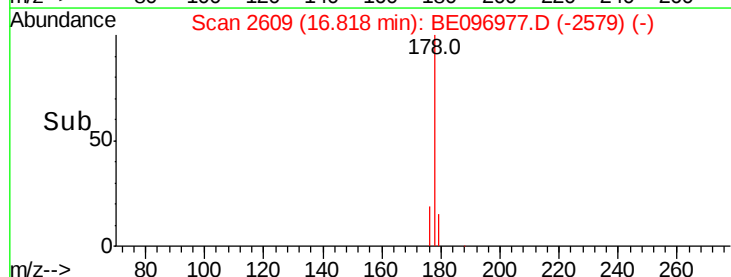
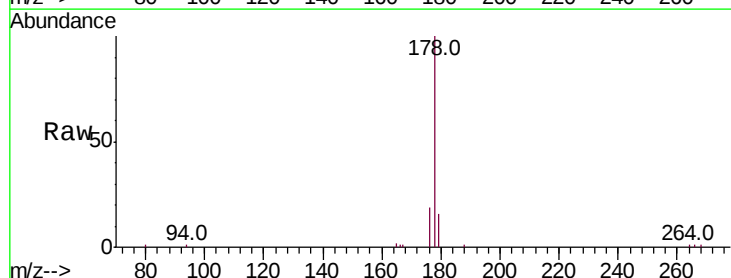
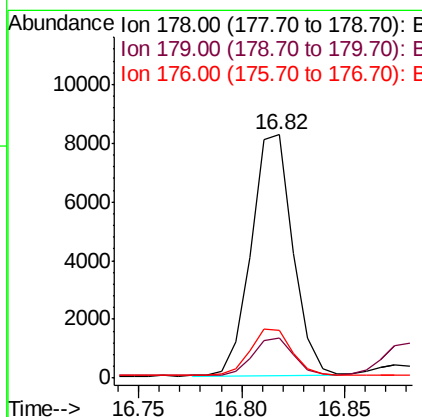
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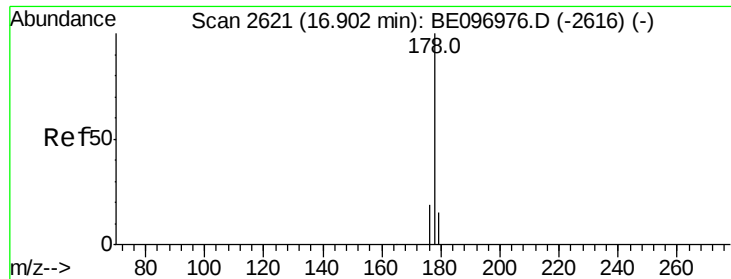
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#12
 Phenanthrene
 Concen: 0.278 ng/ul m
 RT: 16.82 min Scan# 2609
 Delta R.T. 0.01 min
 Lab File: BE096977.D
 Acq: 18 Jul 2018 3:21

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	11562		
179	16.3	18.4	27.6#	
176	19.5	13.6	20.4	





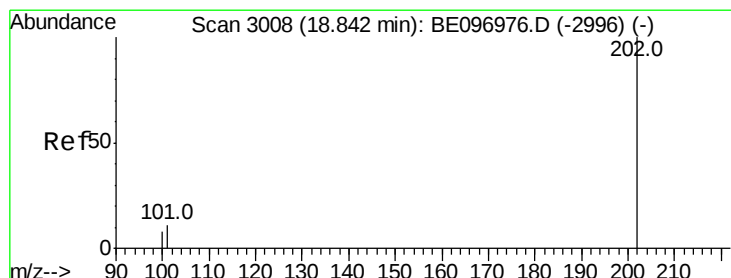
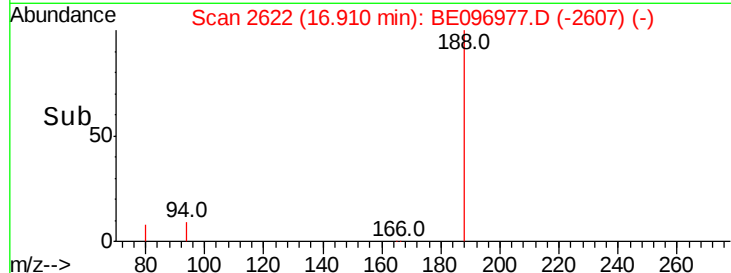
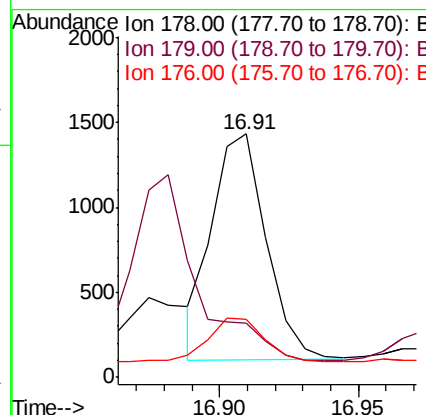
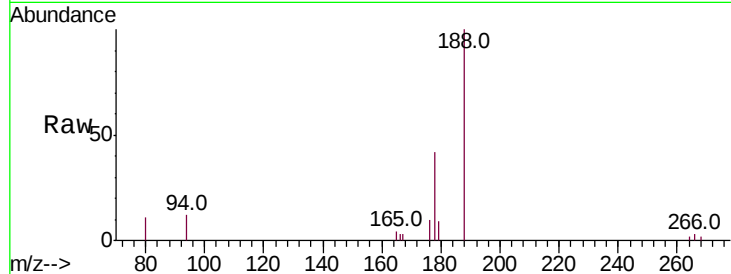
#13
 Anthracene
 Concen: 0.050 ng/ul m
 RT: 16.91 min Scan# 2622
 Delta R.T. 0.01 min
 Lab File: BE096977.D
 Acq: 18 Jul 2018 3:21

Instrument :
 BNA_E
 ClientSampleId :
 DB1E1

Tot Ion	Ratio	Lower	Upper
178	100		
179	22.3	18.1	27.1
176	23.8	14.7	22.1

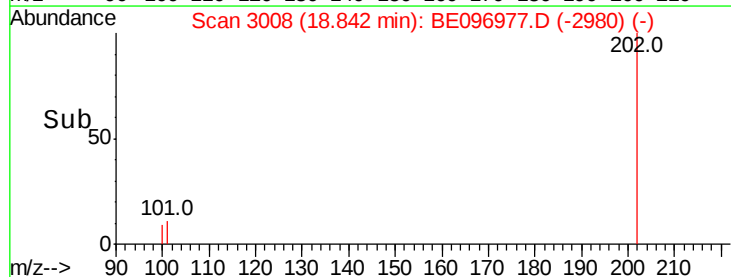
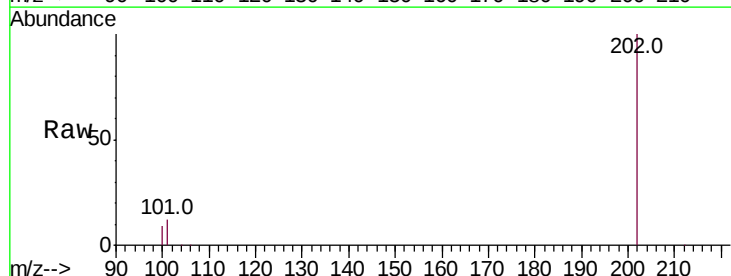
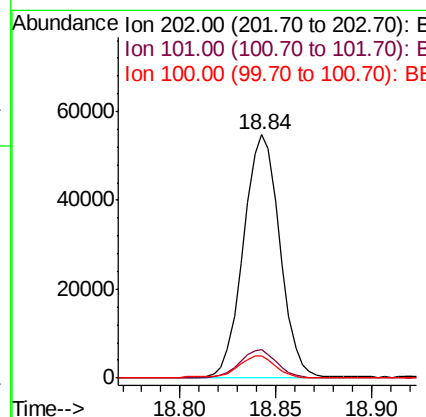
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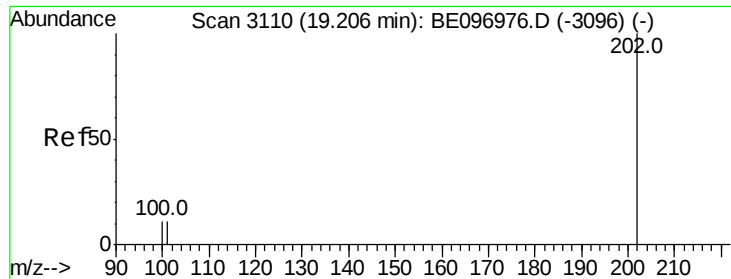
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#15
 Fluoranthene
 Concen: 1.312 ng/ul m
 RT: 18.84 min Scan# 3008
 Delta R.T. 0.00 min
 Lab File: BE096977.D
 Acq: 18 Jul 2018 3:21

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.6	0.0	30.3
100	9.2	0.0	39.5





#17

Pvrene

Concen: 1.510 ng/ul

RT: 19.21 min Scan# 3111

Delta R.T. 0.00 min

Lab File: BE096977.D

Acq: 18 Jul 2018 3:21

Instrument :

BNA_E

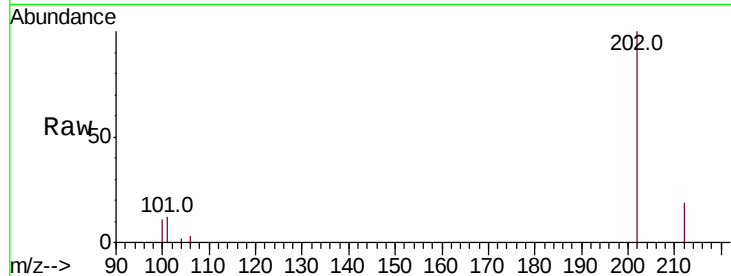
ClientSampleId :

DB1E1

Tot Ion:	202	Resp:	71681
Ion Ratio	Lower	Upper	
202	100		
101	12.2	18.2	27.4#
100	10.6	15.6	23.4#

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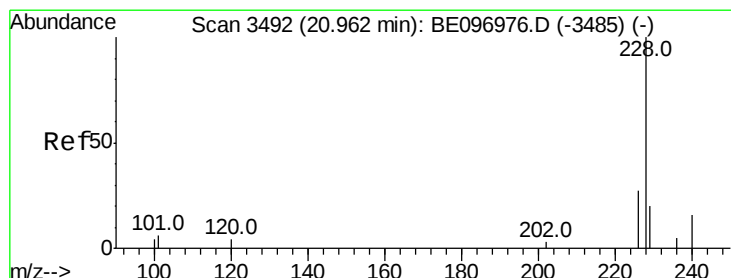
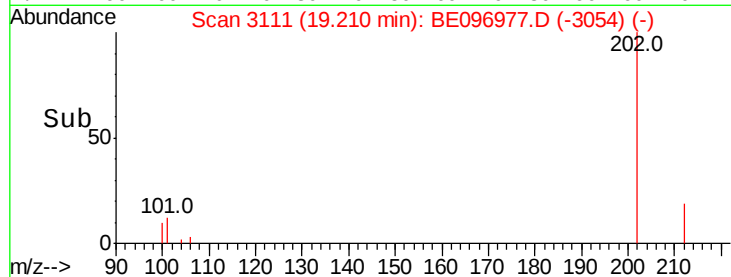
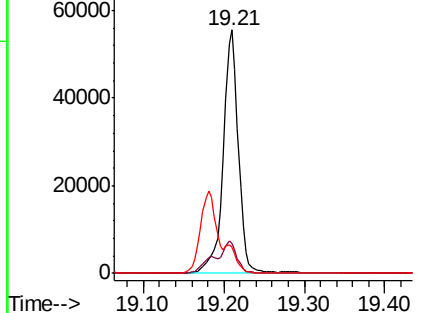
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E



#18

Benzo(a)anthracene

Concen: 1.019 ng/ul m

RT: 20.96 min Scan# 3492

Delta R.T. -0.00 min

Lab File: BE096977.D

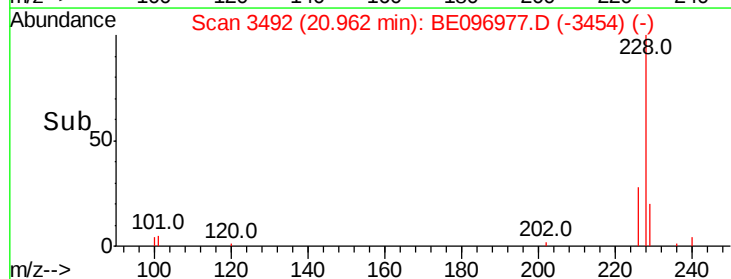
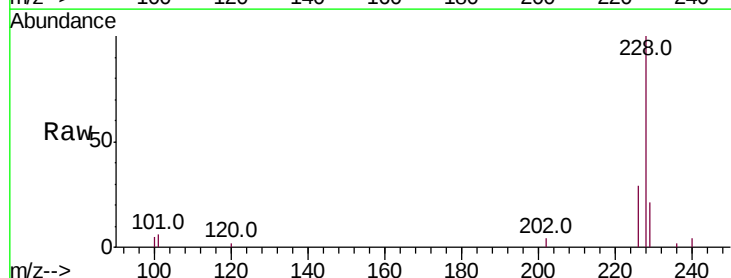
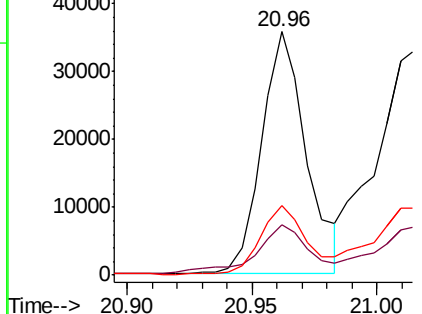
Acq: 18 Jul 2018 3:21

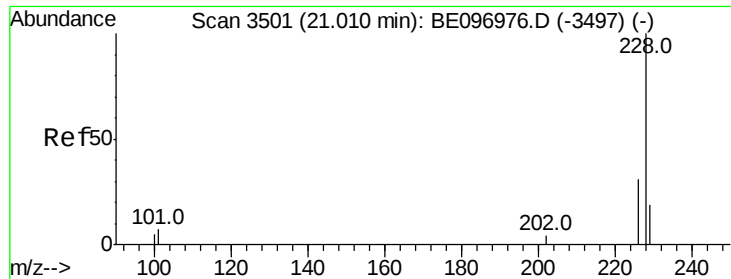
Tgt Ion:	228	Resp:	44258
Ion Ratio	Lower	Upper	
228	100		
229	20.8	22.8	34.2#
226	28.8	17.0	25.6#

Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#19

Chrysene

Concen: 1.060 ng/ul

RT: 21.01 min Scan# 3502

Delta R.T. 0.00 min

Lab File: BE096977.D

Acq: 18 Jul 2018 3:21

Instrument :

BNA_E

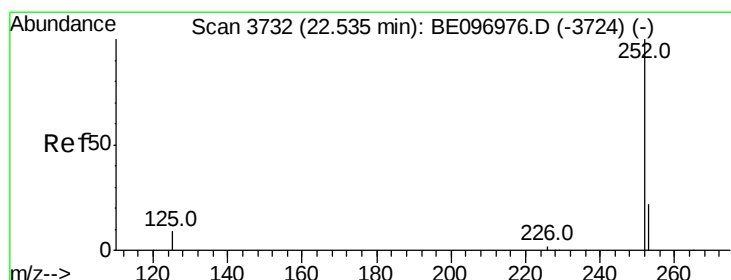
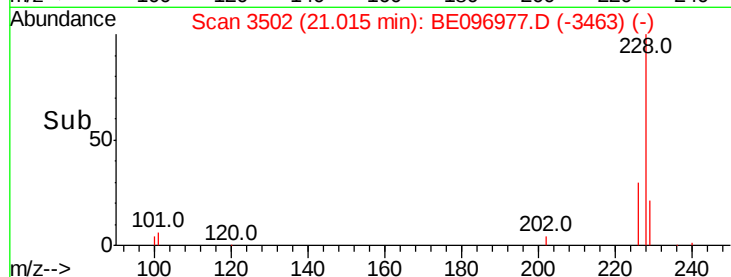
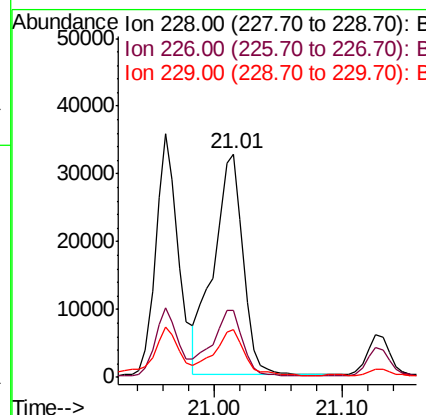
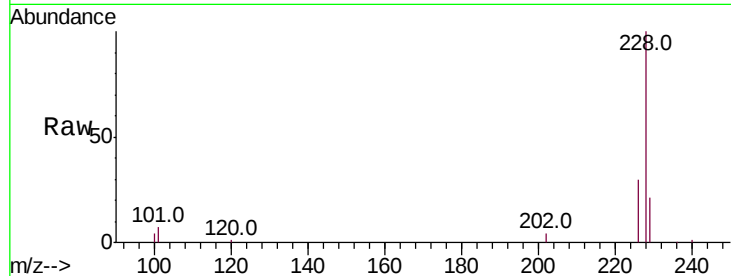
ClientSampleId :

DB1E1

Tot Ion:	228	Resp:	52252
Ion Ratio	Lower	Upper	
228	100		
226	30.2	23.4	35.0
229	21.3	17.7	26.5

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#21

Benzo(b)fluoranthene

Concen: 2.646 ng/ul m

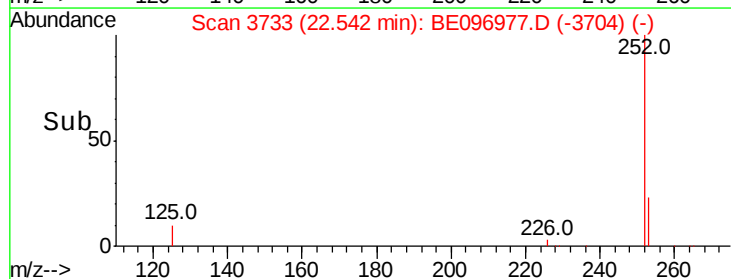
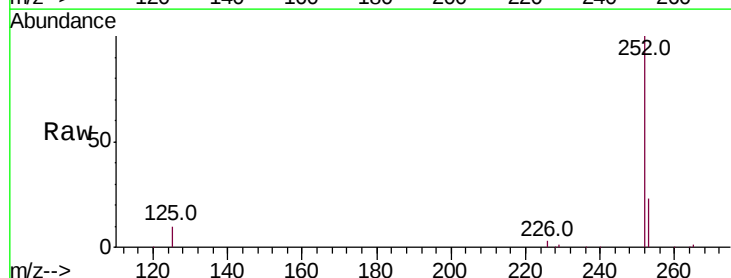
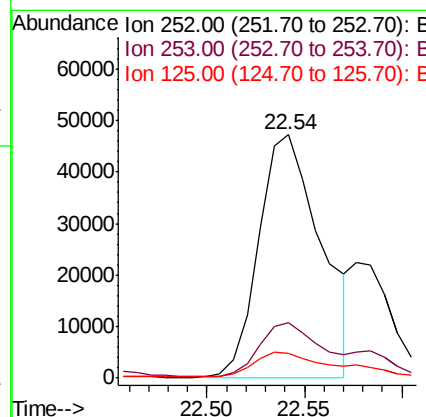
RT: 22.54 min Scan# 3733

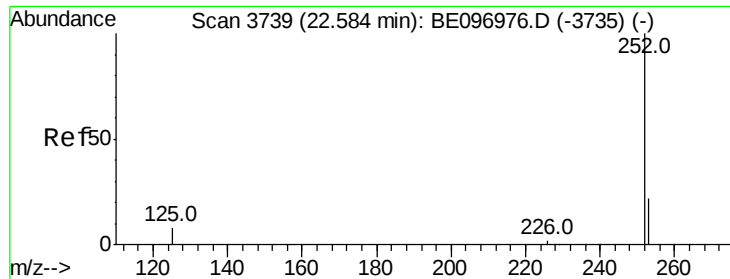
Delta R.T. 0.01 min

Lab File: BE096977.D

Acq: 18 Jul 2018 3:21

Tgt Ion:	252	Resp:	103821
Ion Ratio	Lower	Upper	
252	100		
253	23.0	0.0	64.2
125	10.1	0.0	35.0





#22

Benzo(k)fluoranthene

Concen: 0.757 ng/ul m

RT: 22.58 min Scan# 3738

Delta R.T. -0.01 min

Lab File: BE096977.D

Acq: 18 Jul 2018 3:21

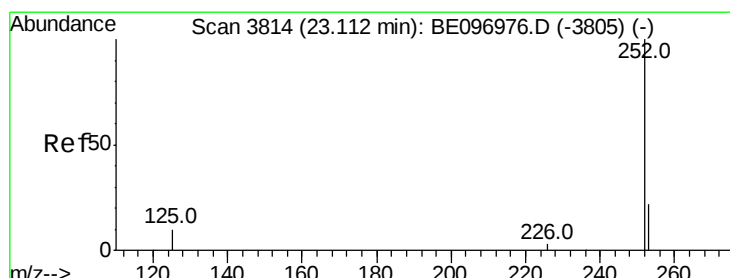
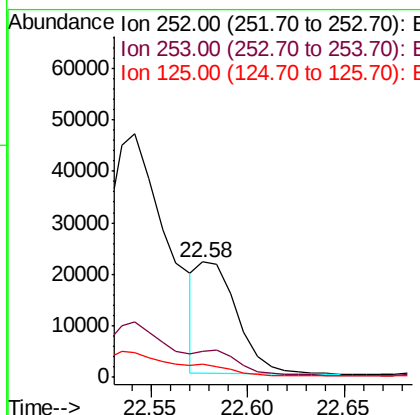
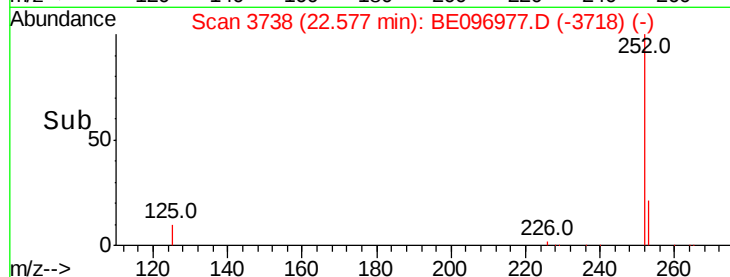
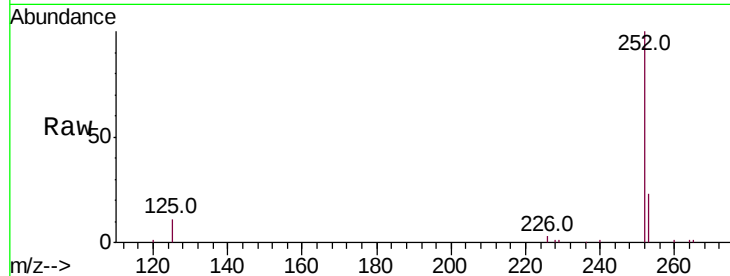
Instrument :
BNA_E
ClientSampleId :
DB1E1

Tot Ion:252 Resp: 30685

Ion	Ratio	Lower	Upper
252	100		
253	22.8	24.5	36.7#
125	11.0	13.7	20.5#

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#23

Benzo(a)pyrene

Concen: 1.960 ng/ul m

RT: 23.12 min Scan# 3815

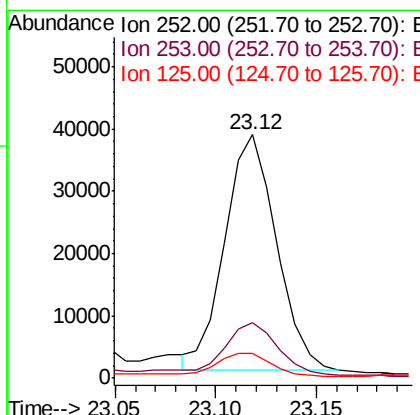
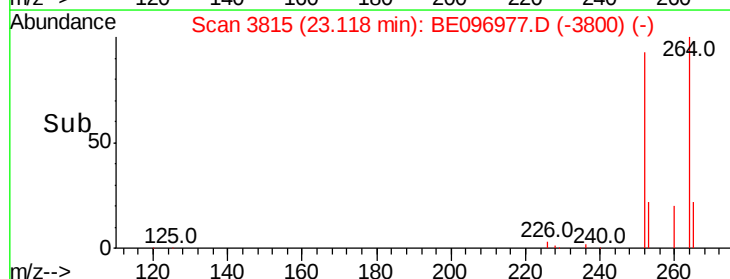
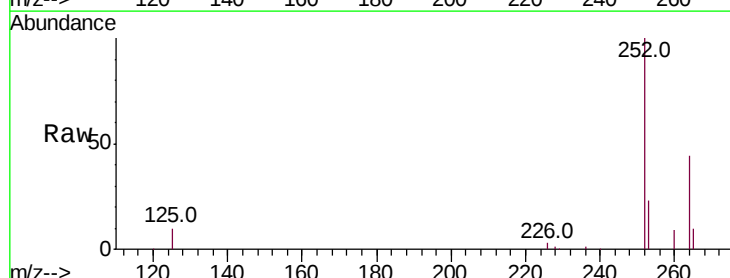
Delta R.T. 0.01 min

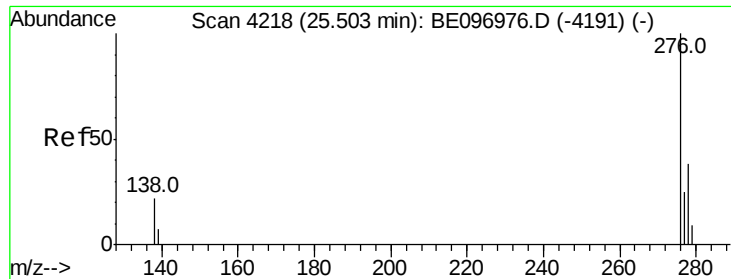
Lab File: BE096977.D

Acq: 18 Jul 2018 3:21

Tgt Ion:252 Resp: 67520

Ion	Ratio	Lower	Upper
252	100		
253	22.9	28.5	42.7#
125	10.0	18.1	27.1#





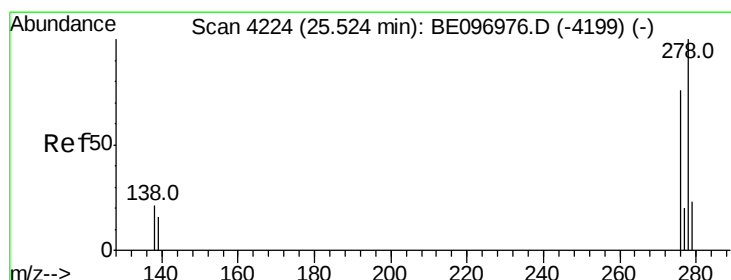
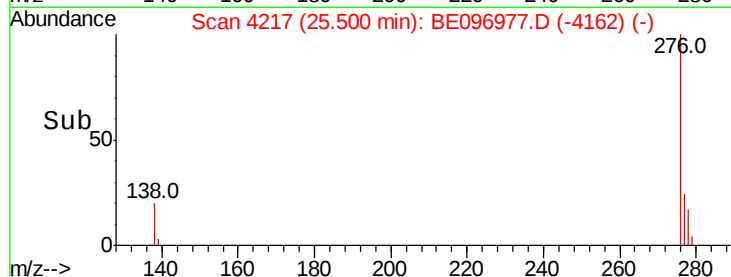
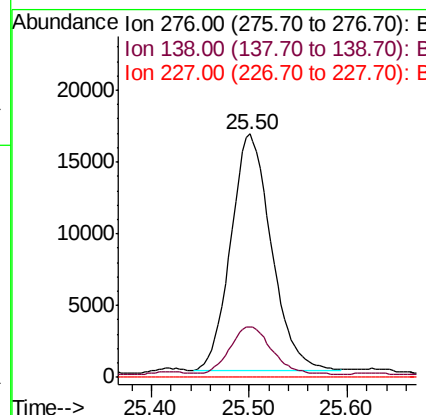
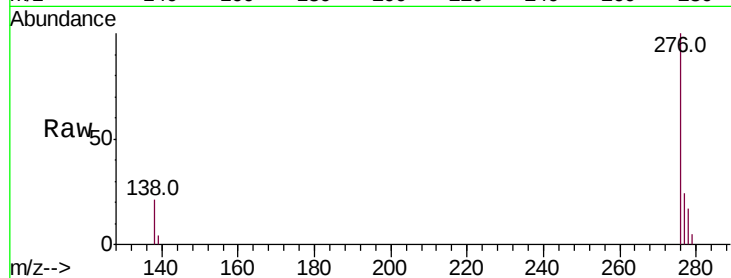
#24
Indeno(1,2,3-cd)pyrene
Concen: 1.229 ng/ul m
RT: 25.50 min Scan# 4217
Delta R.T. -0.00 min
Lab File: BE096977.D
Acq: 18 Jul 2018 3:21

Instrument :
BNA_E
ClientSampleId :
DB1E1

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

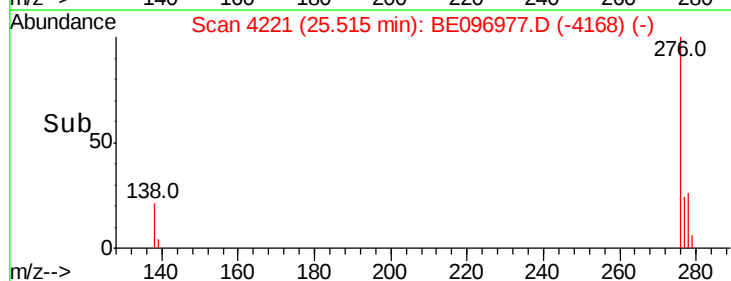
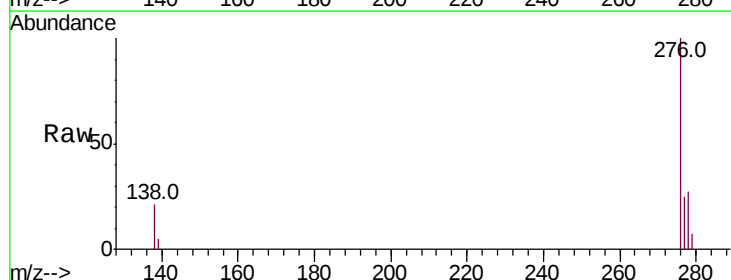
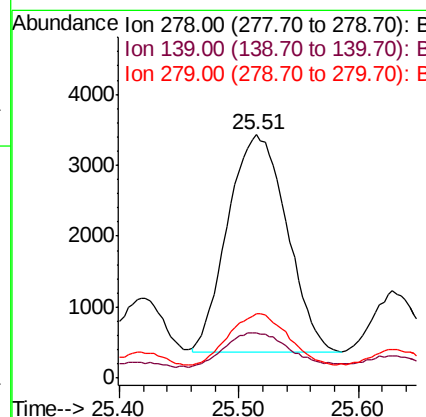
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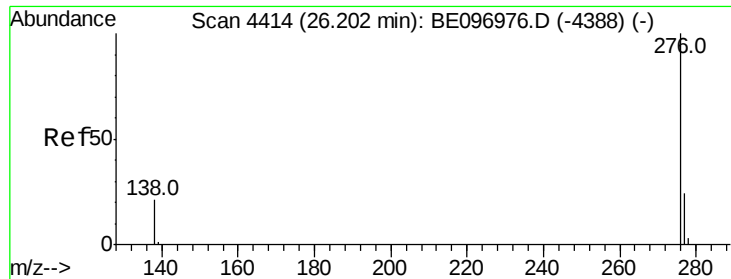
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#25
Dibenzo(a,h)anthracene
Concen: 0.328 ng/ul m
RT: 25.51 min Scan# 4221
Delta R.T. -0.01 min
Lab File: BE096977.D
Acq: 18 Jul 2018 3:21

Tgt Ion	Ratio	Lower	Upper
278	100		
139	18.4	17.4	26.0
279	26.4	25.9	38.9





#26

Benzo(a,h,i)perylene

Concen: 1.475 ng/ul m

RT: 26.20 min Scan# 4413

Delta R.T. -0.00 min

Lab File: BE096977.D

Acq: 18 Jul 2018 3:21

Instrument :

BNA_E

ClientSampleId :

DB1E1

Tot Ion	Ratio	Lower	Upper
276	100		
138	22.1	21.8	32.8
277	24.1	20.5	30.7

Manual Integrations
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