

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN080719\
 Data File : BN007036.D
 Acq On : 08 Aug 2019 21:27
 Operator : HP/JU
 Sample : K3962-07DL 2X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BEP30DL

Manual Integrations
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 8/9/2019 6:17:45 AM

Quant Time: Aug 09 03:01:54 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN080719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 07 17:30:08 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.47	152	8838	0.40	ng/ul	0.00
2) Naphthalene-d8	10.23	136	35277	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.11	164	21451	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.86	188	55351	0.40	ng/ul	0.00
16) Chrysene-d12	21.07	240	44941	0.40	ng/ul	0.00
20) Perylene-d12	23.20	264	41777	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.83	152	6387	0.10	ng/ul	0.00
14) Fluoranthene-d10	18.90	212	21129	0.12	ng/ul	0.00
Target Compounds				Ovalue		
7) Acenaphthylene	13.82	152	3639	0.029	ng/ul#	93
8) Acenaphthene	14.18	153	2263	0.027	ng/ul	99
9) Fluorene	15.17	166	3294	0.032	ng/ul#	97
12) Phenanthrene	16.90	178	63150	0.358	ng/ul	100
13) Anthracene	16.99	178	12906	0.072	ng/ul	98
15) Fluoranthene	18.93	202	170291	0.777	ng/ul	99
17) Pyrene	19.29	202	172259	0.859	ng/ul	99
18) Benzo(a)anthracene	21.06	228	88017	0.446	ng/ul	97
19) Chrysene	21.11	228	96122	0.520	ng/ul	97
21) Benzo(b)fluoranthene	22.58	252	92370m	0.545	ng/ul	
22) Benzo(k)fluoranthene	22.61	252	31452m	0.192	ng/ul	
23) Benzo(a)pyrene	23.11	252	61644	0.387	ng/ul	98
24) Indeno(1,2,3-cd)pyrene	25.30	276	33256	0.193	ng/ul#	94
25) Dibenzo(a,h)anthracene	25.31	278	9237	0.067	ng/ul#	80
26) Benzo(g,h,i)perylene	25.93	276	33629	0.233	ng/ul	98

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

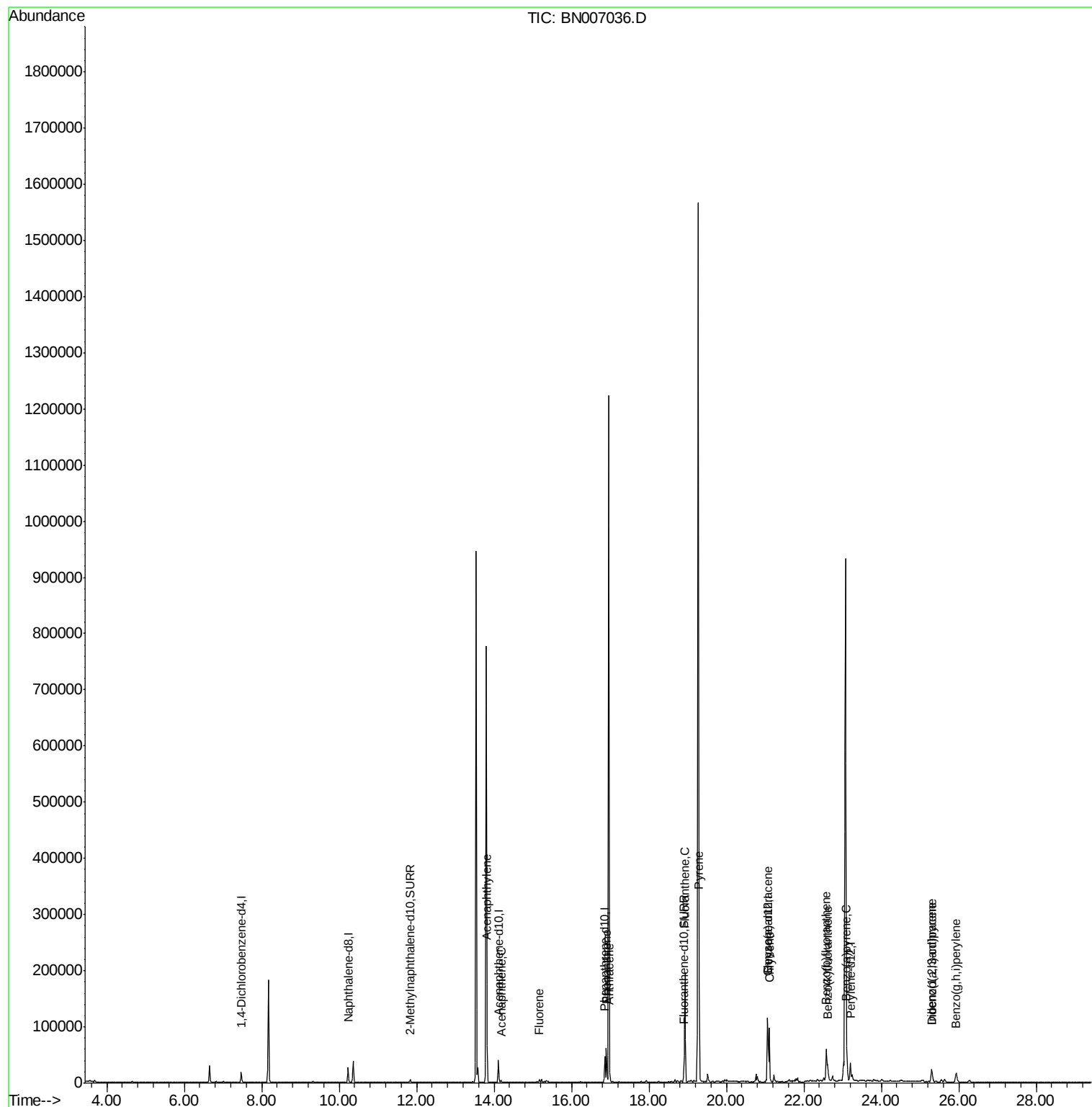
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN080719\
Data File : BN007036.D
Acq On : 08 Aug 2019 21:27
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Sample : K3962-07DL 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

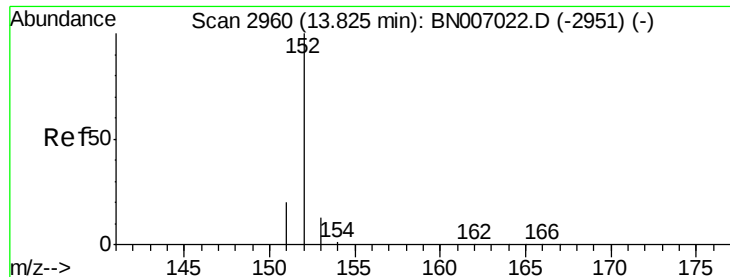
Instrument :
BNA_N
ClientSampleId :
BEP30DL

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Quant Time: Aug 09 03:01:54 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN080719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 07 17:30:08 2019
Response via : Initial Calibration





#7

Acenaphthylene

Concen: 0.029 ng/ul

RT: 13.82 min Scan# 2960

Delta R.T. -0.00 min

Lab File: BN007036.D

Acq: 08 Aug 2019 21:27

Instrument :

BNA_N

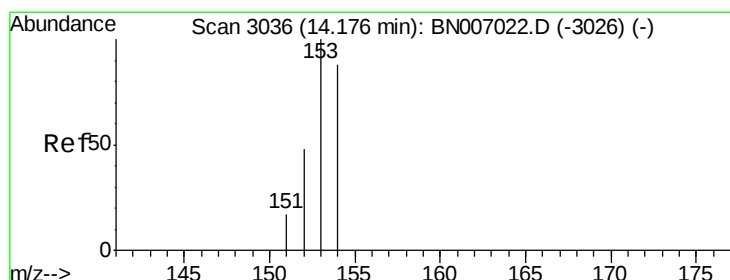
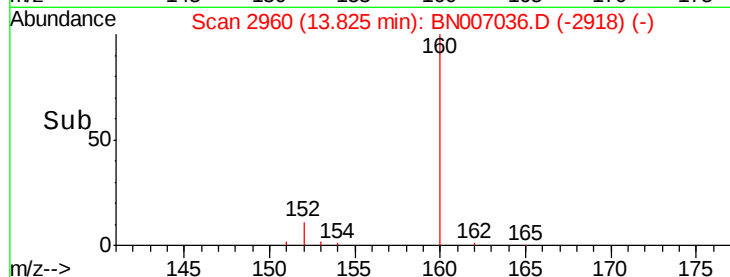
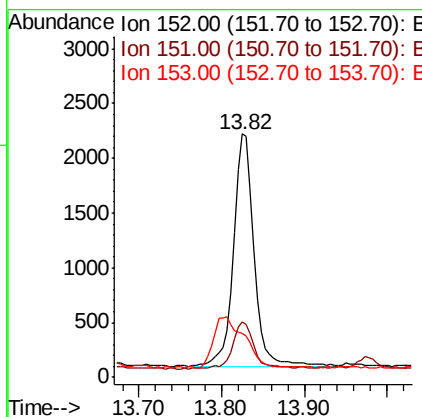
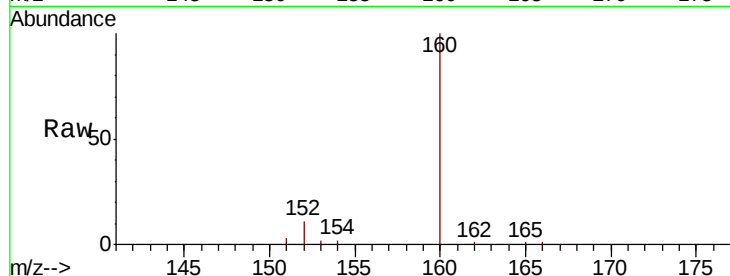
ClientSampleId :

BEP30DL

Tot Ion:	152	Resp:	3639
Ion Ratio	Lower	Upper	
152	100		
151	22.7	16.3	24.5
153	18.0	11.0	16.4

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#8

Acenaphthene

Concen: 0.027 ng/ul

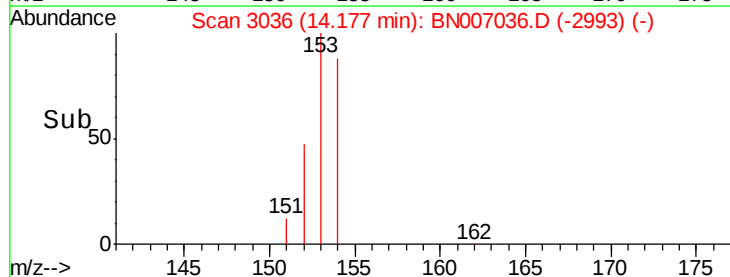
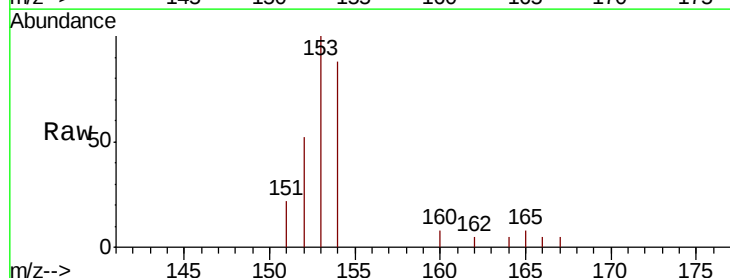
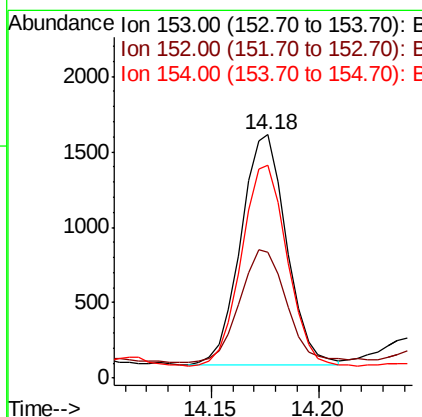
RT: 14.18 min Scan# 3036

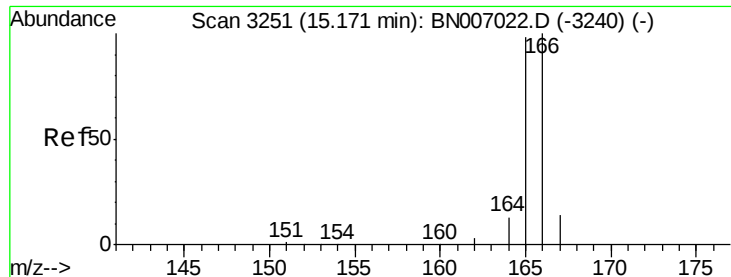
Delta R.T. 0.00 min

Lab File: BN007036.D

Acq: 08 Aug 2019 21:27

Tgt Ion:	153	Resp:	2263
Ion Ratio	Lower	Upper	
153	100		
152	51.8	39.4	59.2
154	87.5	70.1	105.1





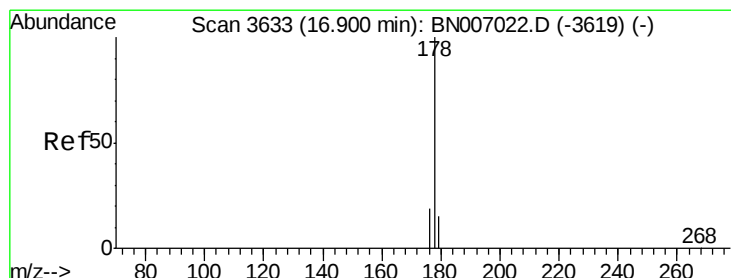
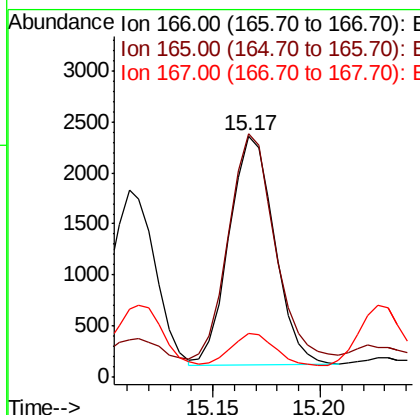
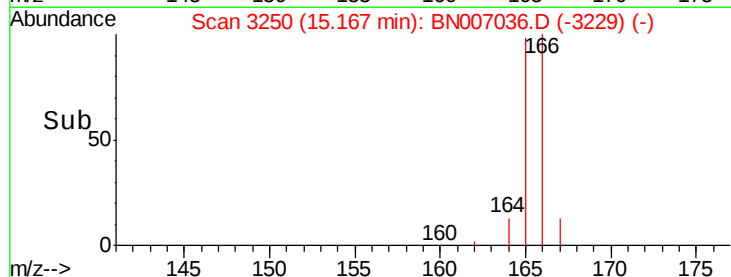
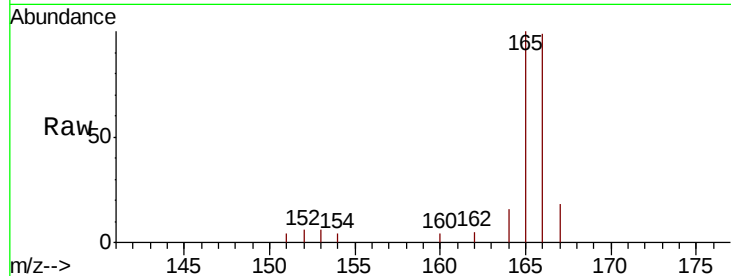
#9
Fluorene
 Concen: 0.032 ng/ul
 RT: 15.17 min Scan# 3250
 Delta R.T. -0.00 min
 Lab File: BN007036.D
 Acq: 08 Aug 2019 21:27

Instrument :
 BNA_N
 ClientSampleId :
 BEP30DL

Tot Ion	Ratio	Lower	Upper
166	100		
165	100.8	78.8	118.2
167	18.4	11.3	16.9#

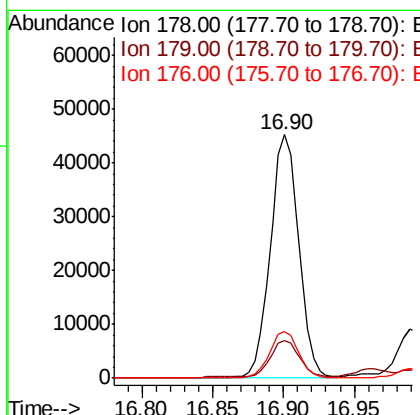
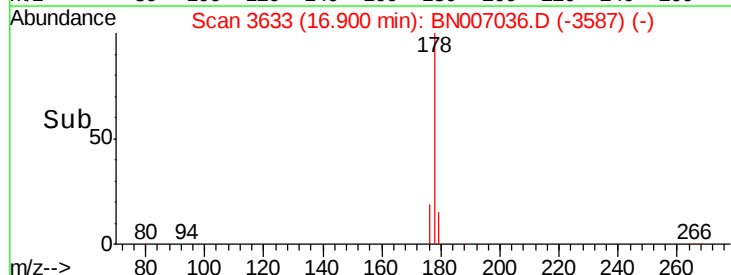
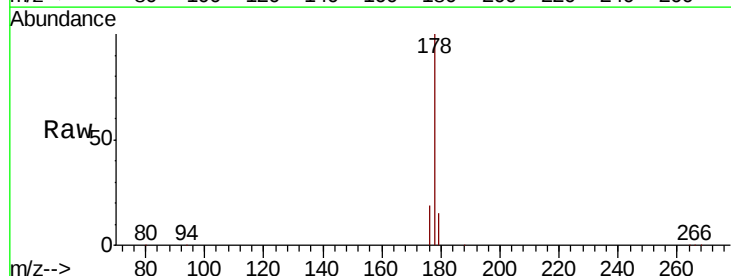
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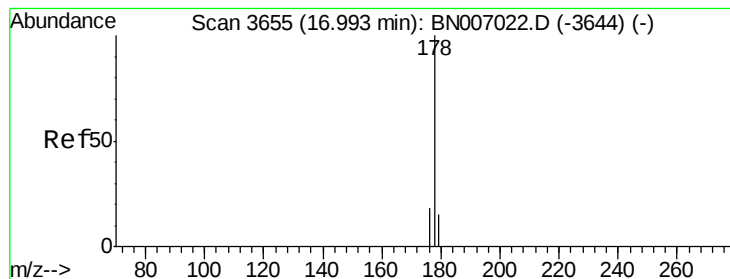
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#12
Phenanthrene
 Concen: 0.358 ng/ul
 RT: 16.90 min Scan# 3633
 Delta R.T. -0.00 min
 Lab File: BN007036.D
 Acq: 08 Aug 2019 21:27

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.5	18.7
176	19.3	15.6	23.4





#13

Anthracene

Concen: 0.072 ng/ul

RT: 16.99 min Scan# 3654

Delta R.T. -0.00 min

Lab File: BN007036.D

Acq: 08 Aug 2019 21:27

Instrument :

BNA_N

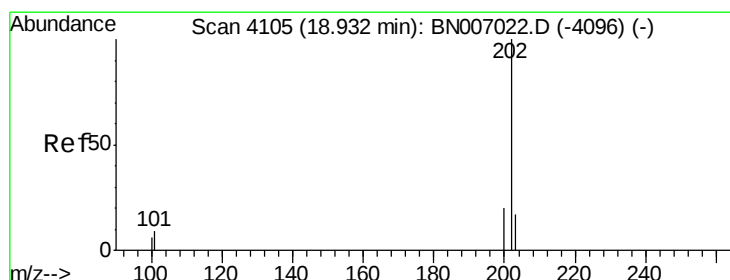
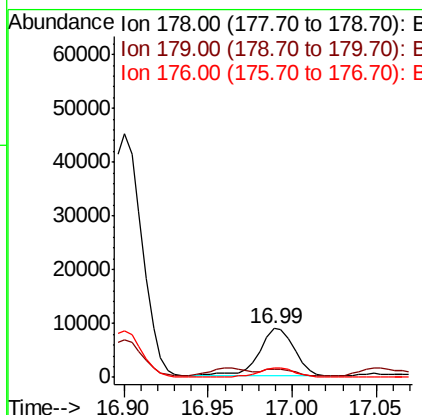
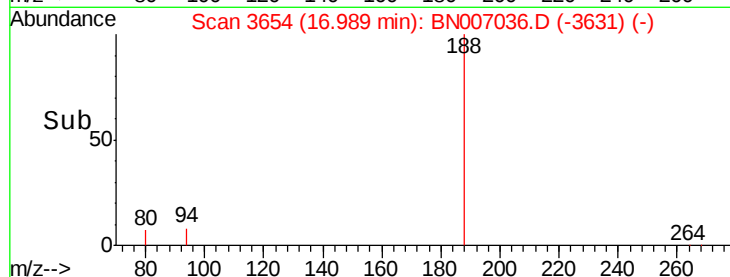
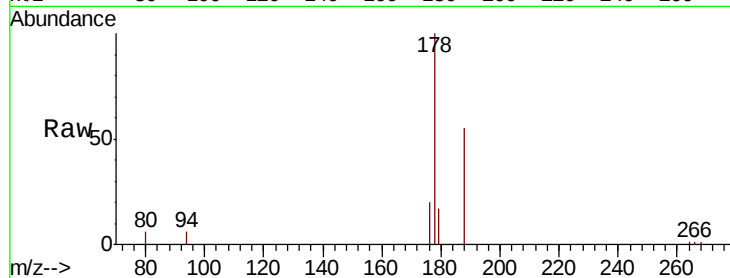
ClientSampled :

BEP30DL

Tot Ion:	178	Resp:	12906
Ion Ratio	Lower	Upper	
178	100		
179	17.5	12.6	18.8
176	19.7	15.4	23.0

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#15

Fluoranthene

Concen: 0.777 ng/ul

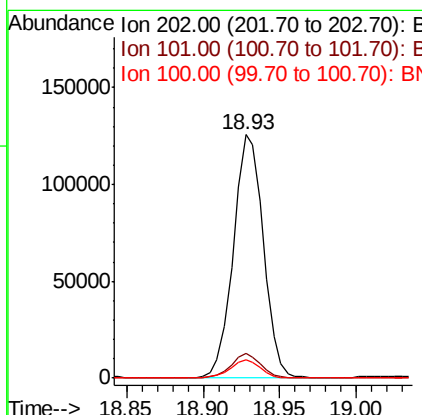
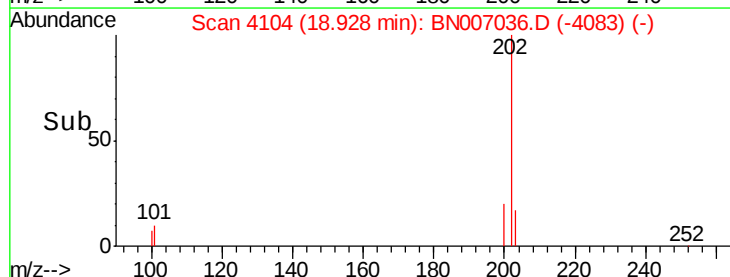
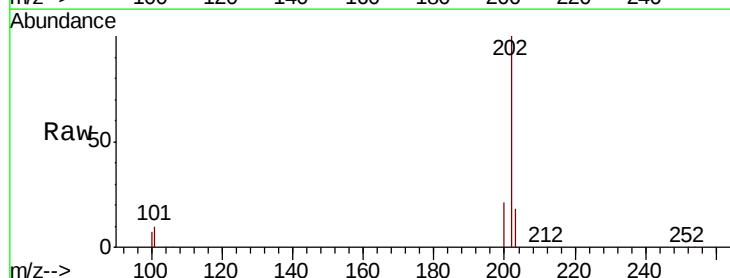
RT: 18.93 min Scan# 4104

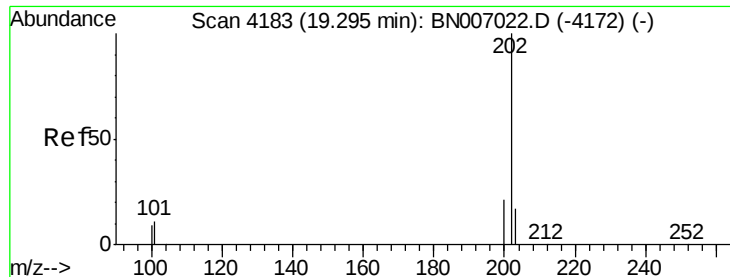
Delta R.T. -0.00 min

Lab File: BN007036.D

Acq: 08 Aug 2019 21:27

Tgt Ion:	202	Resp:	170291
Ion Ratio	Lower	Upper	
202	100		
101	9.9	0.0	30.0
100	7.4	0.0	27.7





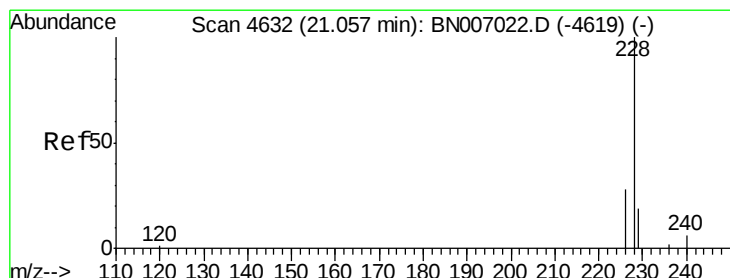
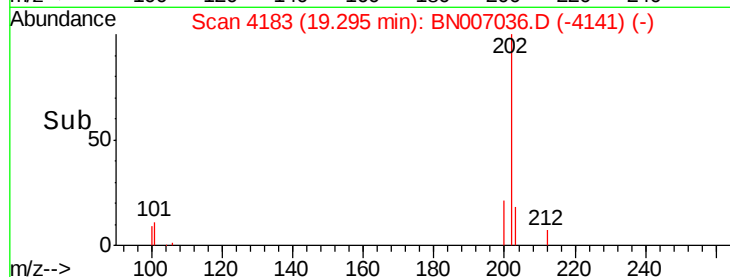
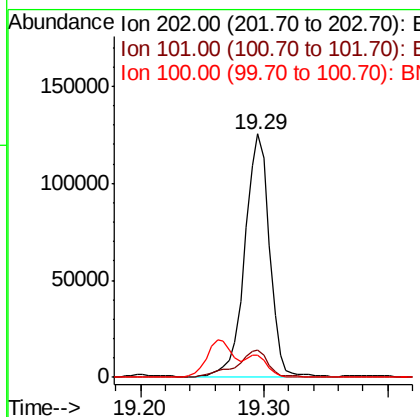
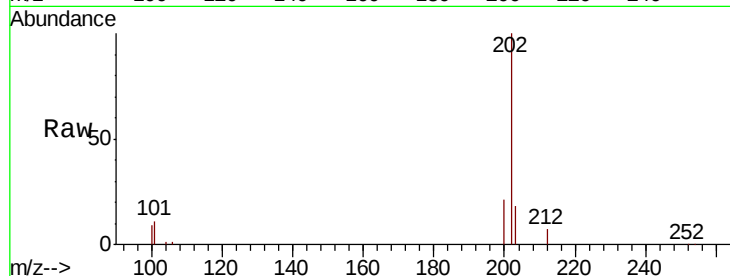
#17
Pvrene
Concen: 0.859 ng/ul
RT: 19.29 min Scan# 4183
Delta R.T. -0.00 min
Lab File: BN007036.D
Acq: 08 Aug 2019 21:27

Instrument :
BNA_N
ClientSampleId :
BEP30DL

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	11.3	9.3	13.9
100	8.8	7.3	10.9

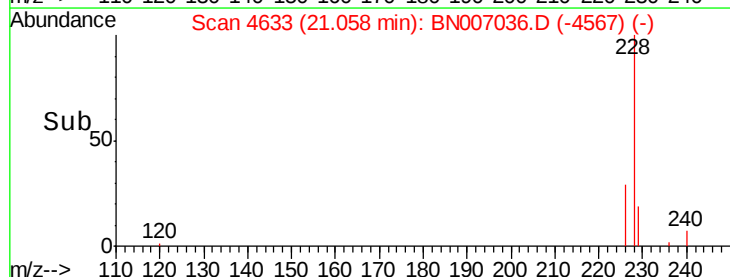
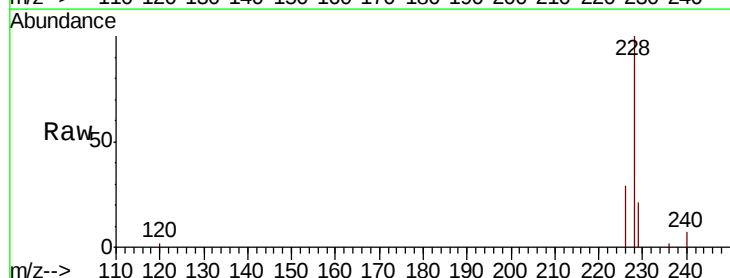
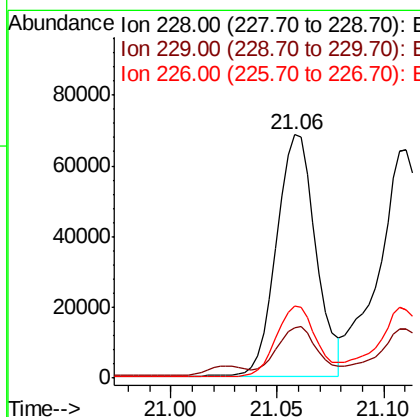
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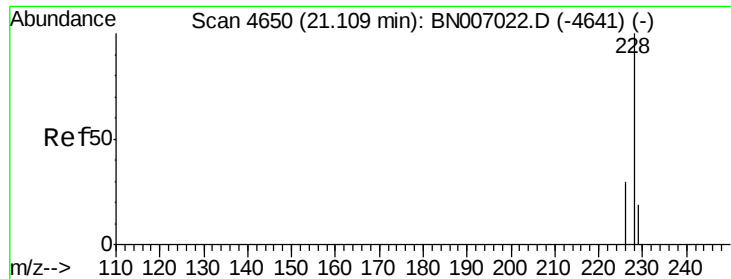
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#18
Benzo(a)anthracene
Concen: 0.446 ng/ul
RT: 21.06 min Scan# 4633
Delta R.T. -0.01 min
Lab File: BN007036.D
Acq: 08 Aug 2019 21:27

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	20.8	15.9	23.9
226	29.4	22.2	33.4





#19

Chrysene

Concen: 0.520 ng/ul

RT: 21.11 min Scan# 4651

Delta R.T. -0.00 min

Lab File: BN007036.D

Acq: 08 Aug 2019 21:27

Instrument :

BNA_N

ClientSampleId :

BEP30DL

Tot Ion:228 Resp: 96122

Ion Ratio Lower Upper

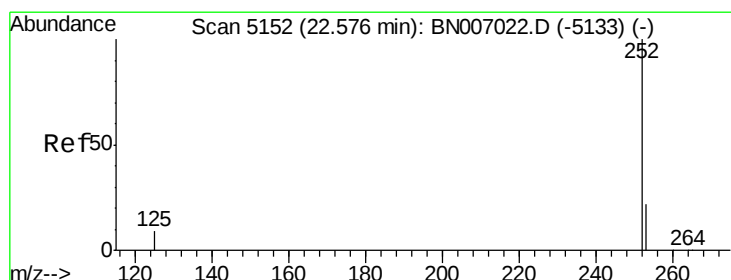
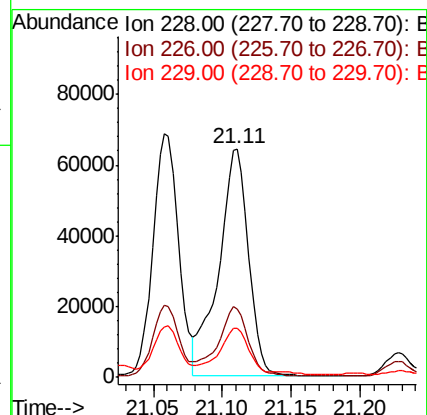
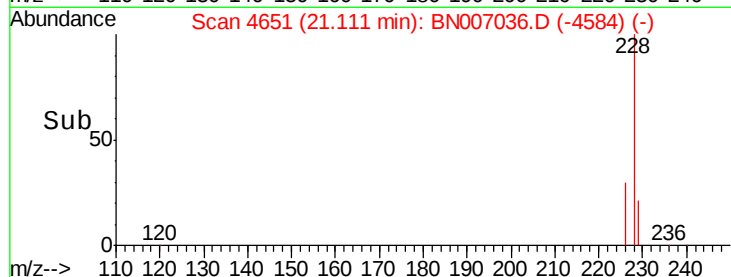
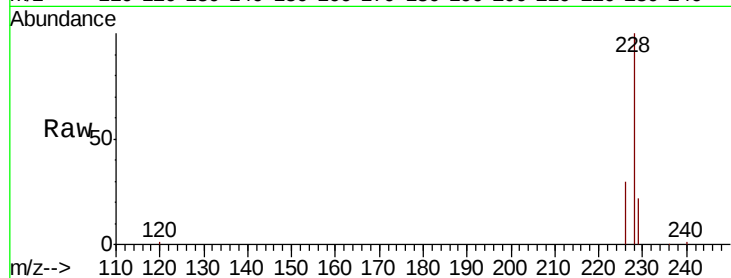
228 100

226 30.0 24.7 37.1

229 21.7 15.5 23.3

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#21

Benzo(b)fluoranthene

Concen: 0.545 ng/ul m

RT: 22.58 min Scan# 5153

Delta R.T. -0.00 min

Lab File: BN007036.D

Acq: 08 Aug 2019 21:27

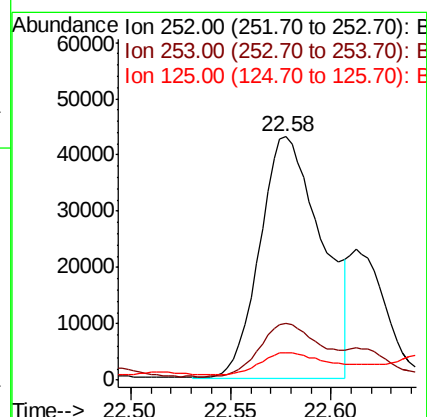
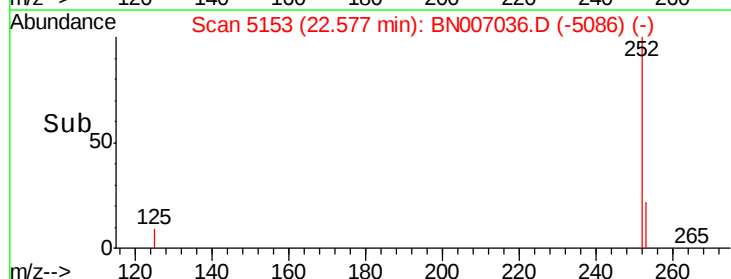
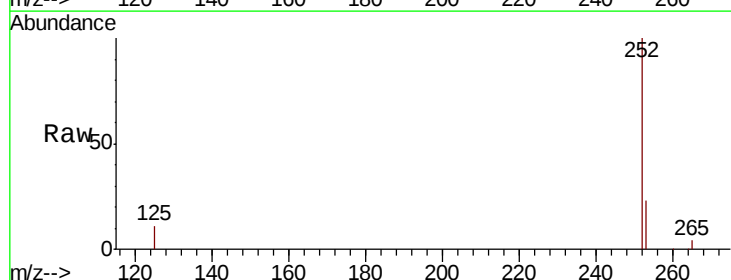
Tgt Ion:252 Resp: 92370

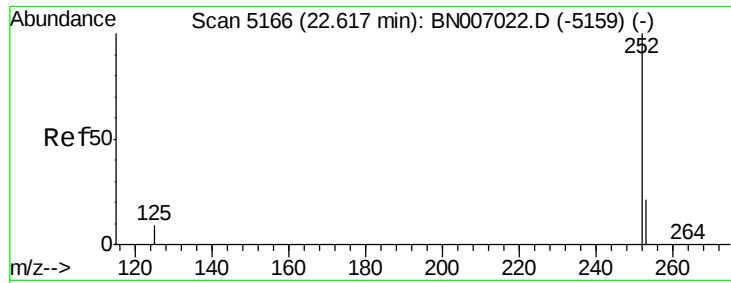
Ion Ratio Lower Upper

252 100

253 23.4 0.0 45.2

125 11.1 0.0 22.2





#22

Benzo(k)fluoranthene

Concen: 0.192 ng/ul

RT: 22.61 min Scan# 5165

Delta R.T. -0.01 min

Lab File: BN007036.D

Acq: 08 Aug 2019 21:27

Instrument :

BNA_N

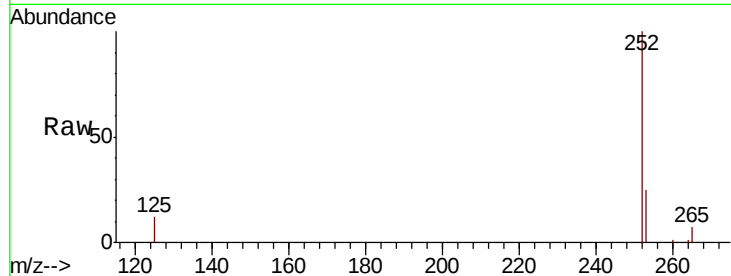
ClientSampled :

BEP30DL

Tot Ion:	252	Resp:	31452
Ion Ratio	Lower	Upper	
252	100		
253	24.6	18.6	28.0
125	12.5	8.7	13.1

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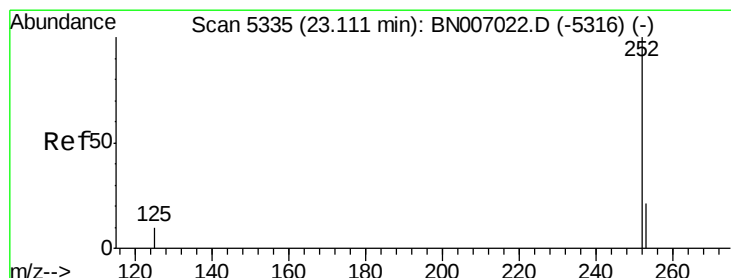
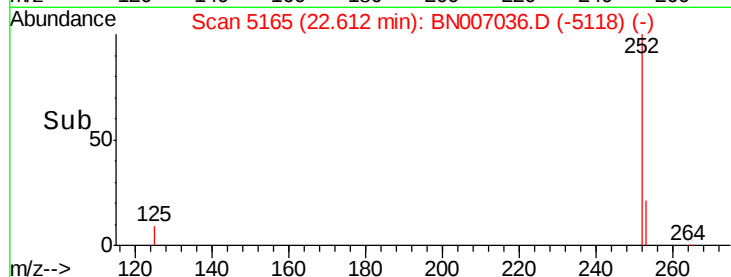
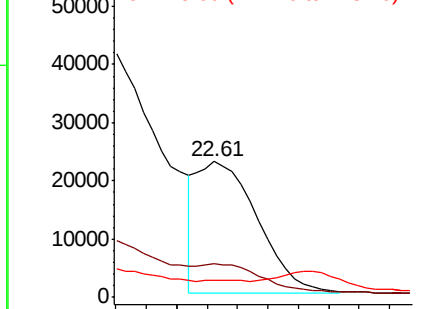


Abundance

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



#23

Benzo(a)pyrene

Concen: 0.387 ng/ul

RT: 23.11 min Scan# 5336

Delta R.T. -0.00 min

Lab File: BN007036.D

Acq: 08 Aug 2019 21:27

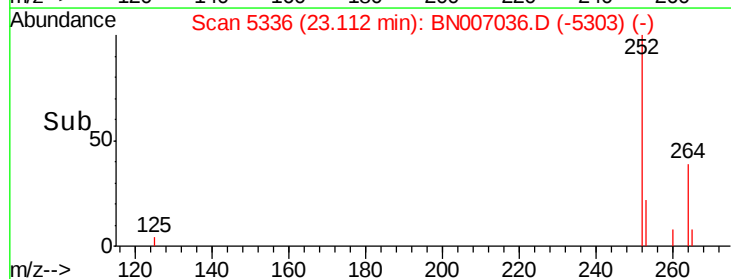
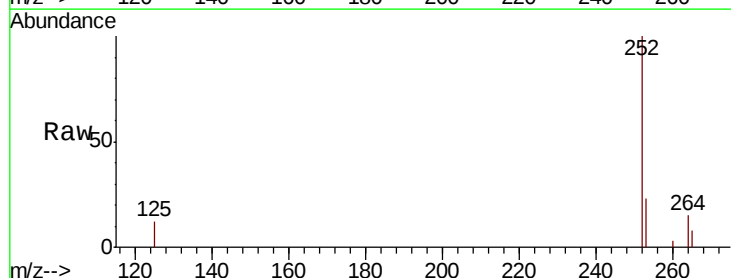
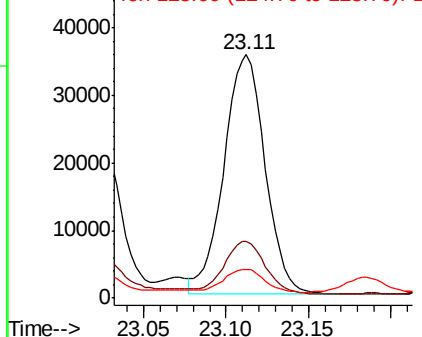
Tgt Ion:	252	Resp:	61644
Ion Ratio	Lower	Upper	
252	100		
253	23.3	18.0	27.0
125	11.8	10.0	15.0

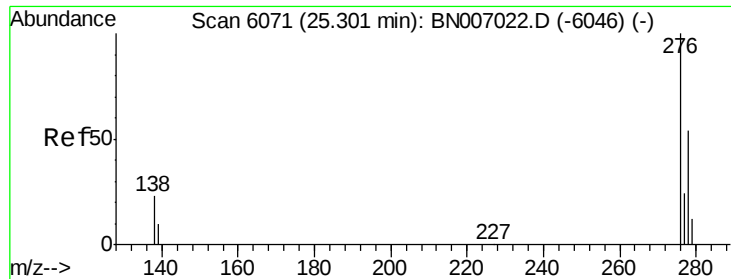
Abundance

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





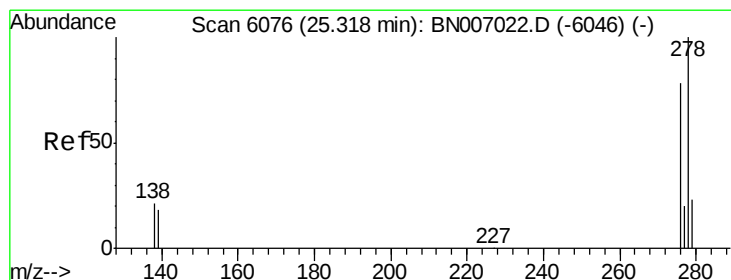
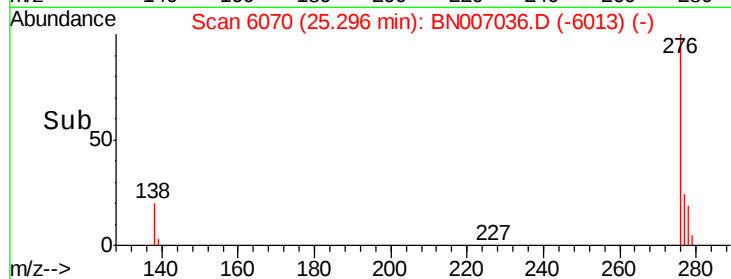
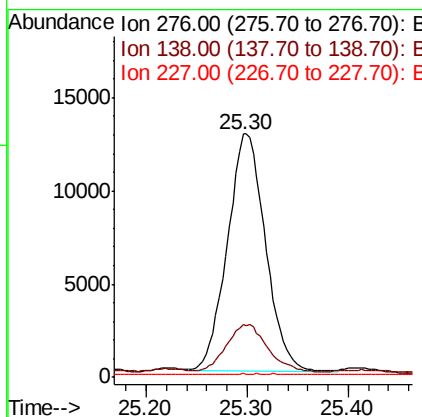
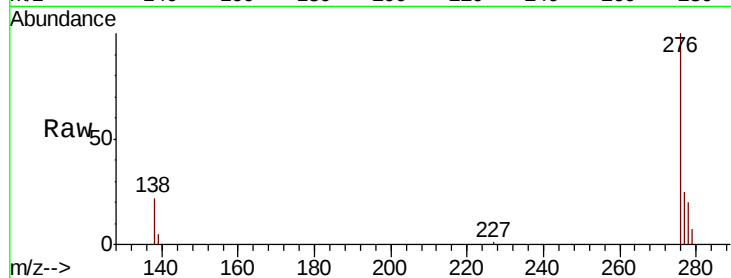
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.193 ng/ul
 RT: 25.30 min Scan# 6070
 Delta R.T. -0.01 min
 Lab File: BN007036.D
 Acq: 08 Aug 2019 21:27

Instrument :
 BNA_N
 ClientSampleId :
 BEP30DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	21.7	19.9	29.9
227	0.2	0.2	0.4

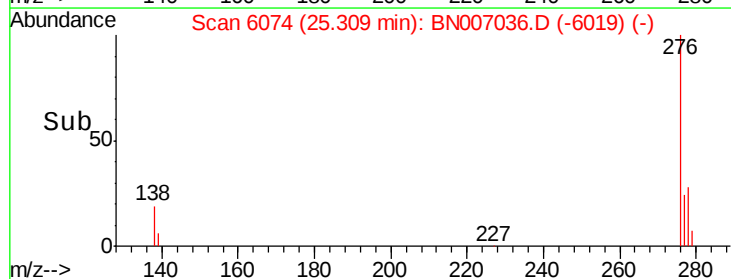
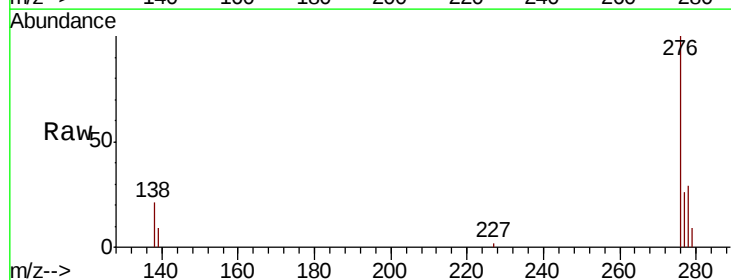
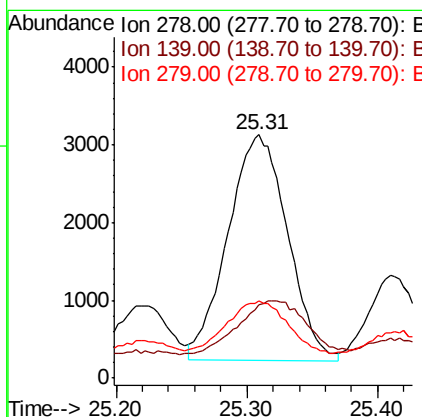
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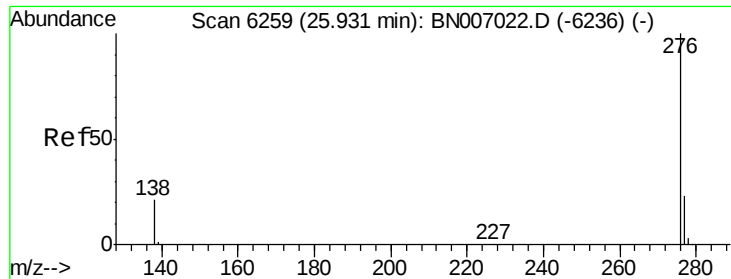
mohammad
 8/9/2019 6:17:45 AM



#25
 Dibenzo(a,h)anthracene
 Concen: 0.067 ng/ul
 RT: 25.31 min Scan# 6074
 Delta R.T. -0.02 min
 Lab File: BN007036.D
 Acq: 08 Aug 2019 21:27

Tgt Ion	Ratio	Lower	Upper
278	100		
139	30.0	14.3	21.5
279	32.0	19.6	29.4





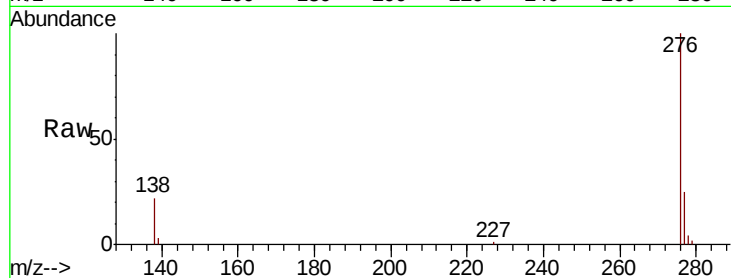
#26
 Benzo(a,h,i)perylene
 Concen: 0.233 ng/ul
 RT: 25.93 min Scan# 6260
 Delta R.T. -0.00 min
 Lab File: BN007036.D
 Acq: 08 Aug 2019 21:27

Instrument :
 BNA_N
 ClientSampleId :
 BEP30DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	21.9	18.7	28.1
277	25.0	19.3	28.9

Manual Integrations
 APPROVED

mohammad
 8/9/2019 6:17:45 AM



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

