

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN080719\
 Data File : BN007030.D
 Acq On : 08 Aug 2019 17:51
 Operator : HP/JU
 Sample : K3962-15DL 5X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BEP08DL

Manual Integrations
 APPROVED

mohammad
 8/9/2019 6:17:20 AM

Quant Time: Aug 09 02:23:20 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	8820	0.40	ng/ul	0.00
2) Naphthalene-d8	10.23	136	35251	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.11	164	22115	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.86	188	54821	0.40	ng/ul	0.00
16) Chrysene-d12	21.07	240	39980	0.40	ng/ul	0.00
20) Perylene-d12	23.20	264	35255	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.83	152	2893	0.05	ng/ul	0.00
14) Fluoranthene-d10	18.90	212	8140	0.05	ng/ul	0.00
Target Compounds				Ovalue		
12) Phenanthrene	16.90	178	14939	0.086	ng/ul	99
13) Anthracene	16.99	178	3608m	0.020	ng/ul	
15) Fluoranthene	18.93	202	29323	0.135	ng/ul	98
17) Pyrene	19.29	202	33105	0.185	ng/ul	99
18) Benzo(a)anthracene	21.06	228	17026	0.097	ng/ul	94
19) Chrysene	21.11	228	17514	0.106	ng/ul	97
21) Benzo(b)fluoranthene	22.58	252	15707m	0.110	ng/ul	
22) Benzo(k)fluoranthene	22.62	252	5732m	0.041	ng/ul	
23) Benzo(a)pyrene	23.11	252	12010	0.089	ng/ul#	90
24) Indeno(1,2,3-cd)pyrene	25.30	276	6906	0.048	ng/ul#	99
26) Benzo(g,h,i)perylene	25.93	276	7025	0.058	ng/ul	93

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

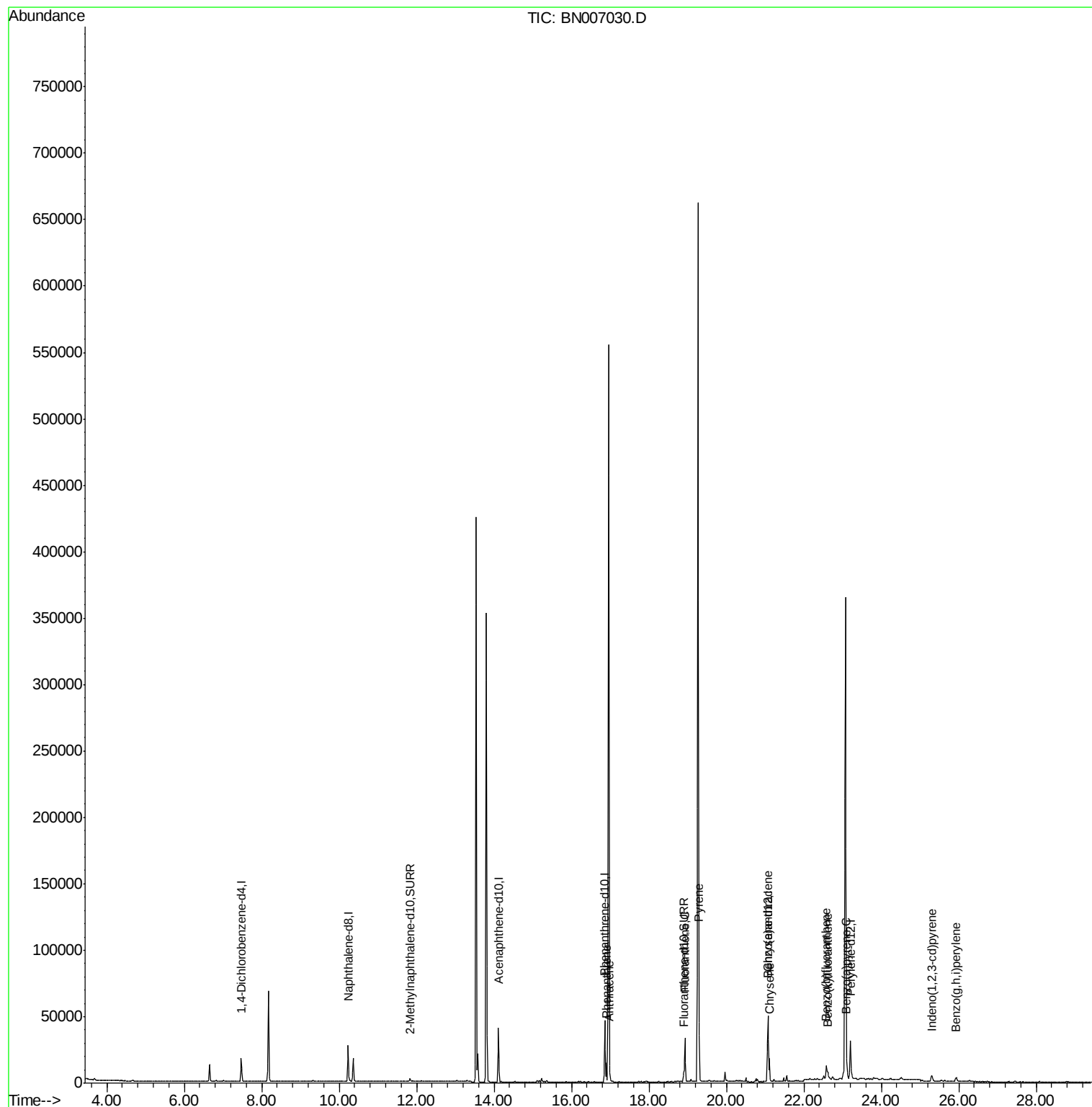
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN080719\
Data File : BN007030.D
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Misc :
ALS Vial : 10 Sample Multiplier: 1

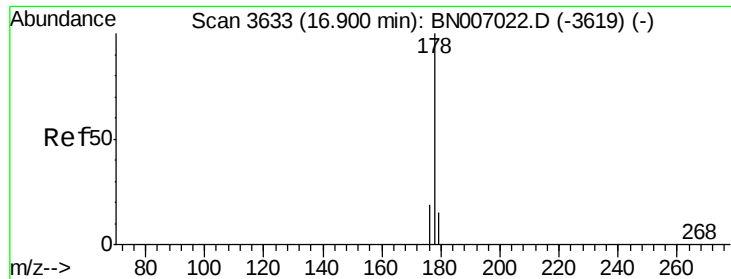
Instrument :
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BEP08DL

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QLast Update : Wed Aug 07 17:30:08 2019
Response via : Initial Calibration





#12

Phenanthrene

Concen: 0.086 ng/ul

RT: 16.90 min Scan# 3633

Delta R.T. -0.00 min

Lab File: BN007030.D

Acq: 08 Aug 2019 17:51

Instrument :

BNA_N

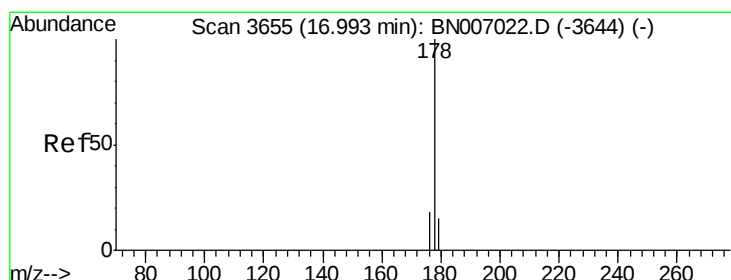
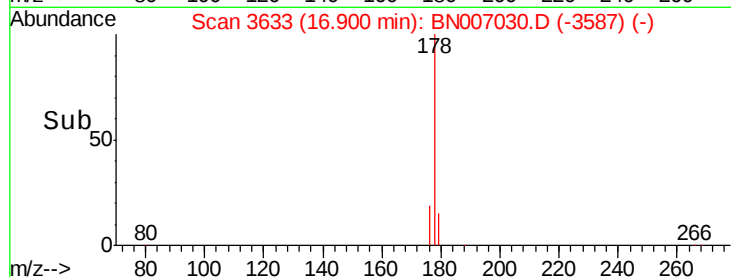
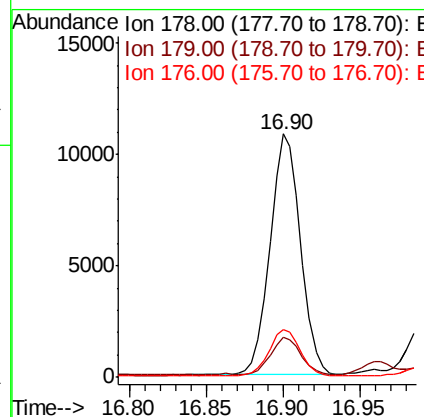
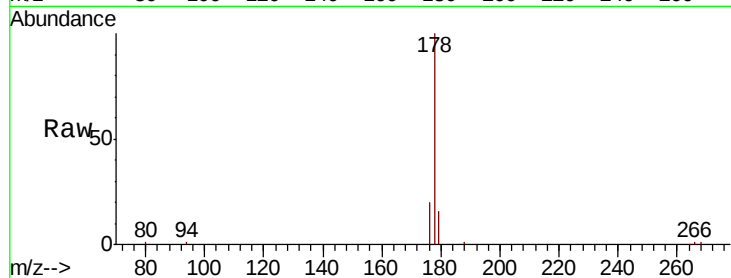
ClientSampleId :

BEP08DL

Tot Ion:178	Resp:	14939
Ion Ratio	Lower	Upper
178	100	
179	16.3	12.5 18.7
176	19.8	15.6 23.4

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#13

Anthracene

Concen: 0.020 ng/ul m

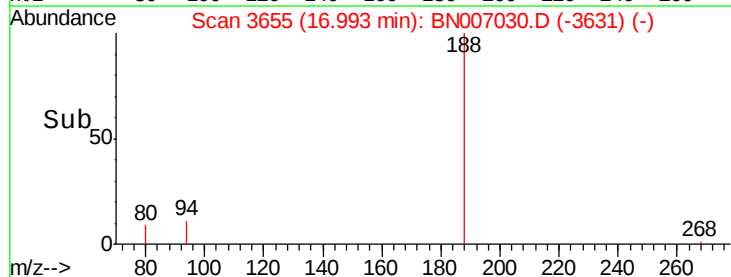
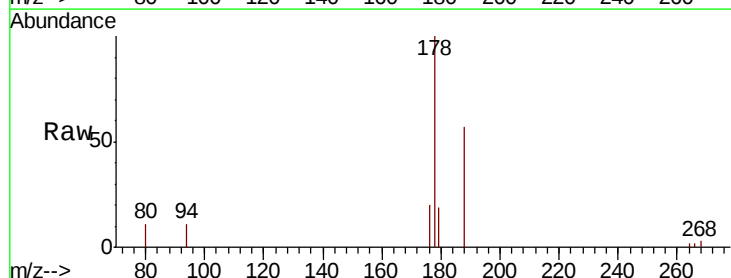
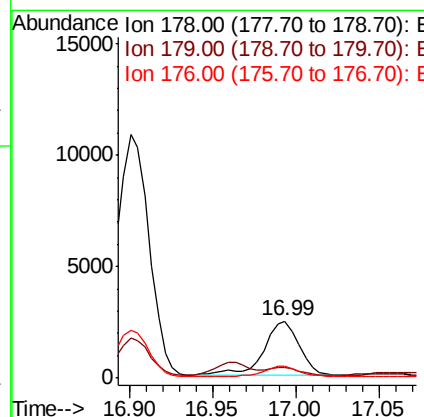
RT: 16.99 min Scan# 3655

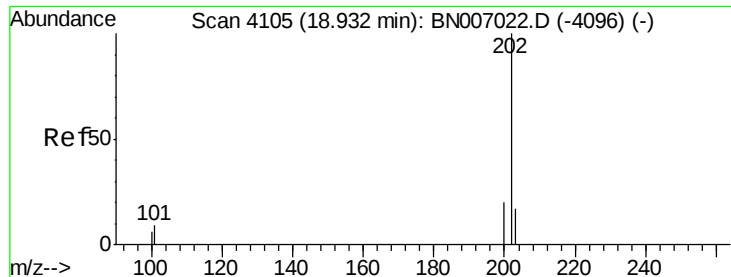
Delta R.T. -0.00 min

Lab File: BN007030.D

Acq: 08 Aug 2019 17:51

Tgt Ion:178	Resp:	3608
Ion Ratio	Lower	Upper
178	100	
179	19.0	12.6 18.8#
176	20.4	15.4 23.0





#15

Fluoranthene

Concen: 0.135 ng/ul

RT: 18.93 min Scan# 4105

Delta R.T. -0.00 min

Lab File: BN007030.D

Acq: 08 Aug 2019 17:51

Instrument :

BNA_N

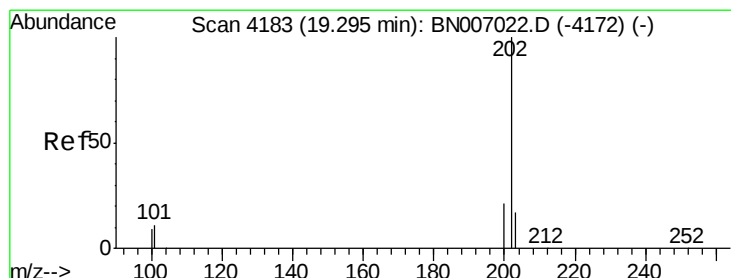
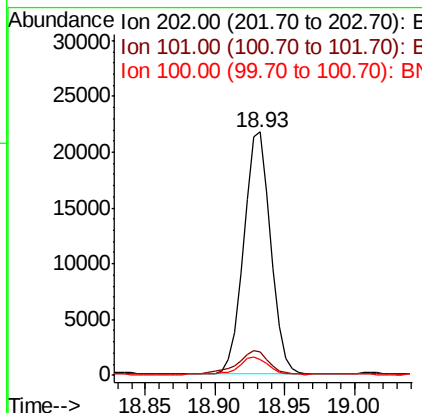
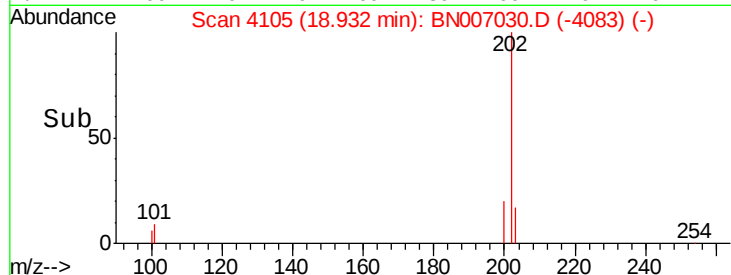
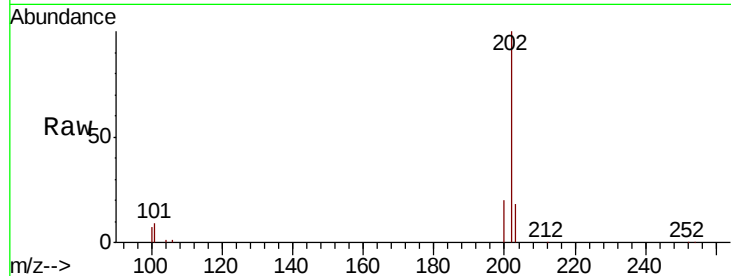
ClientSampleId :

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Tot Ion:	202	Resp:	29323
Ion Ratio	Lower	Upper	
202	100		
101	9.4	0.0	30.0
100	6.7	0.0	27.7

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#17

Pyrene

Concen: 0.185 ng/ul

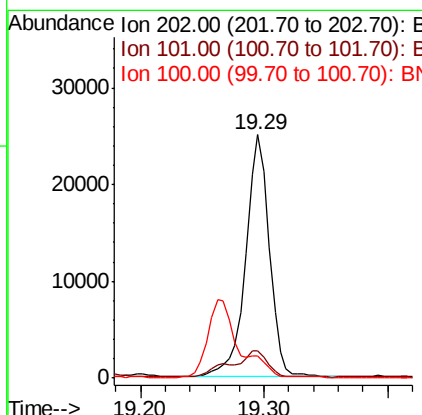
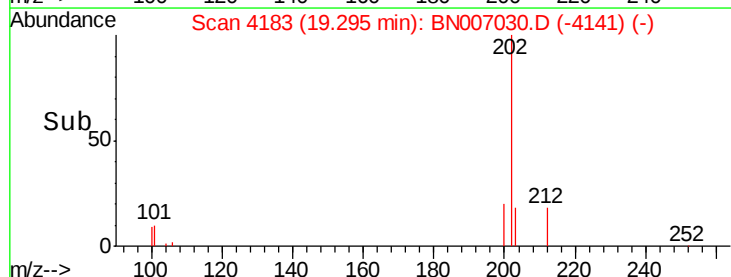
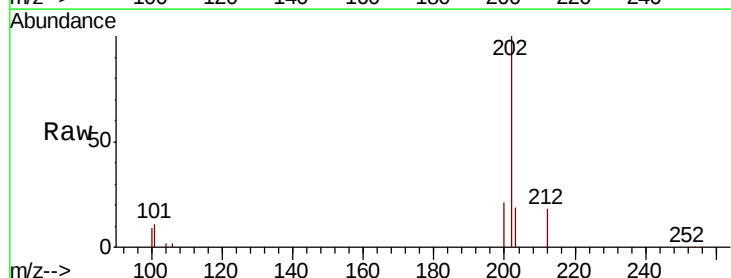
RT: 19.29 min Scan# 4183

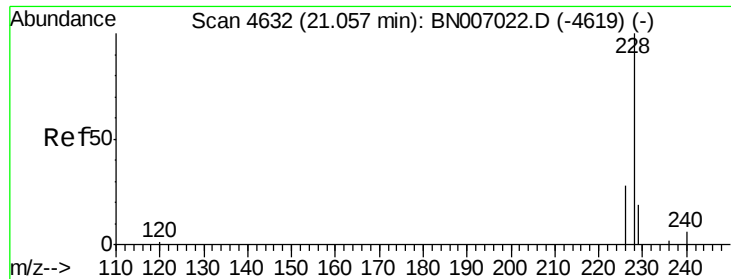
Delta R.T. -0.00 min

Lab File: BN007030.D

Acq: 08 Aug 2019 17:51

Tgt Ion:	202	Resp:	33105
Ion Ratio	Lower	Upper	
202	100		
101	11.3	9.3	13.9
100	9.3	7.3	10.9





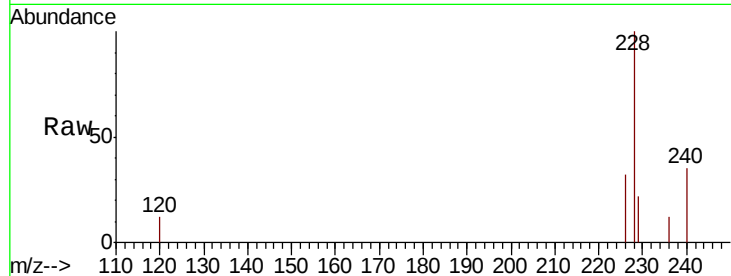
#18
Benzo(a)anthracene
Concen: 0.097 ng/ul
RT: 21.06 min Scan# 4633
Delta R.T. -0.00 min
Lab File: BN007030.D
Acq: 08 Aug 2019 17:51

Instrument :
BNA_N
ClientSampleId :
BEP08DL

Tot Ion	Ratio	Lower	Upper
228	100		
229	21.6	15.9	23.9
226	31.6	22.2	33.4

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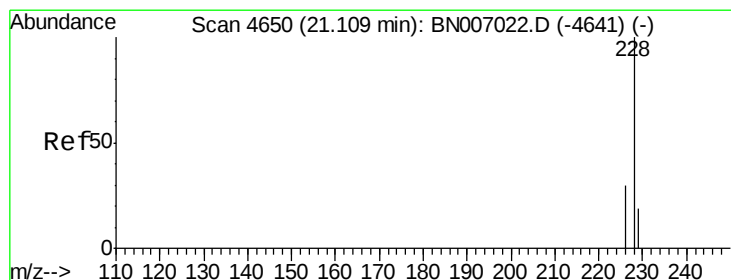
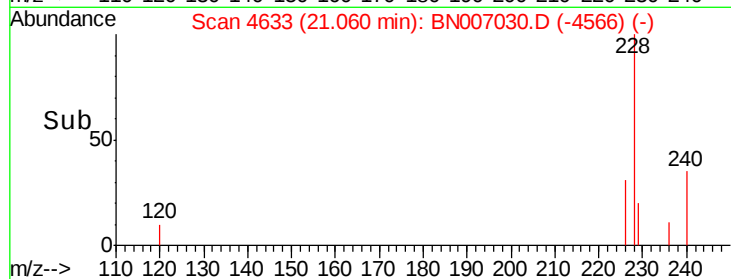
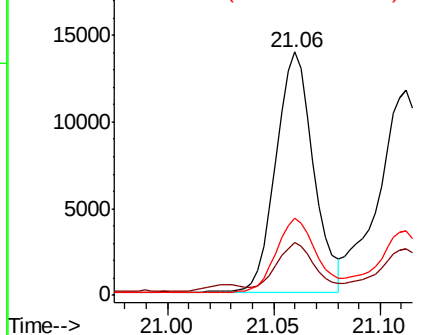


Abundance

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: 0.106 ng/ul
RT: 21.11 min Scan# 4651
Delta R.T. -0.00 min
Lab File: BN007030.D
Acq: 08 Aug 2019 17:51

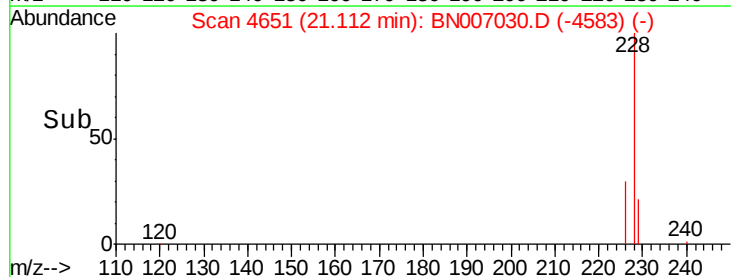
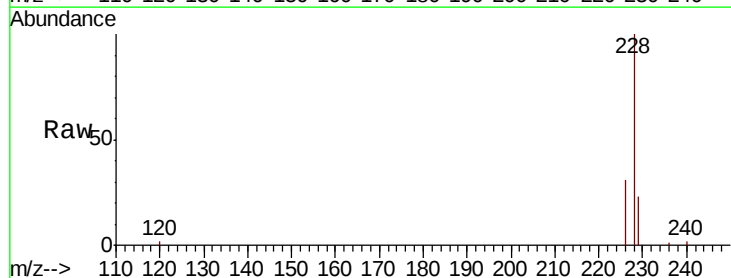
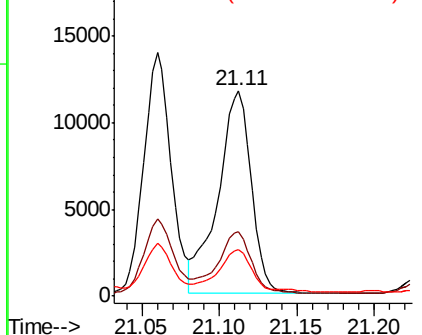
Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.3	24.7	37.1
229	23.0	15.5	23.3

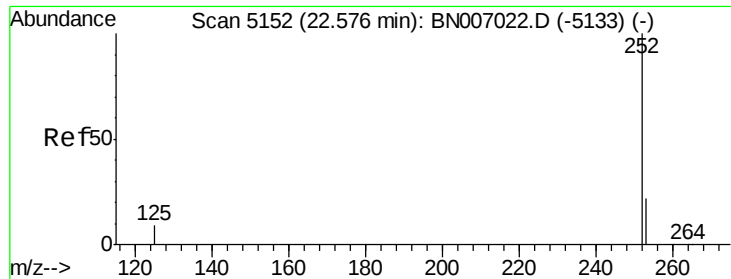
Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#21

Benzo(b)fluoranthene

Concen: 0.110 ng/ul m

RT: 22.58 min Scan# 5153

Delta R.T. -0.00 min

Lab File: BN007030.D

Acq: 08 Aug 2019 17:51

Instrument :

BNA_N

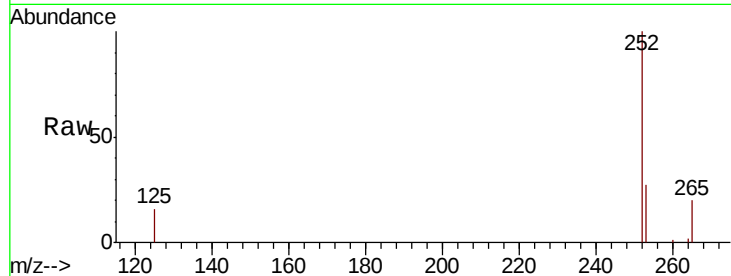
ClientSampleId :

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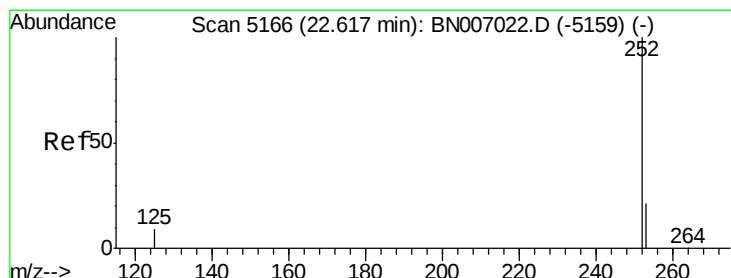
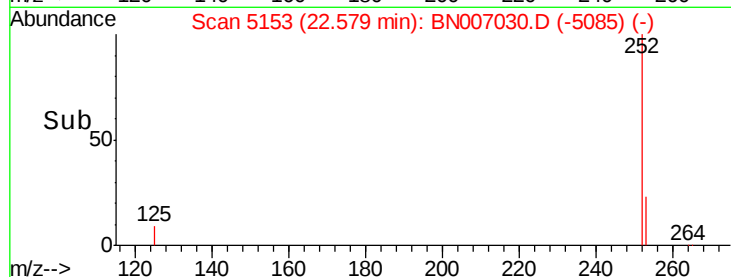
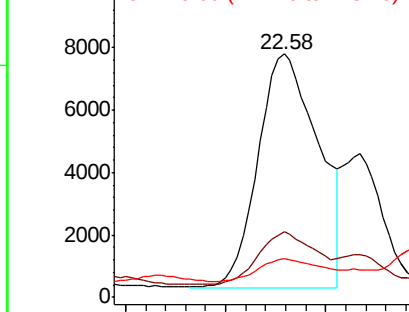
Tot Ion:	252	Resp:	15707
Ion Ratio	Lower	Upper	
252	100		
253	27.2	0.0	45.2
125	15.8	0.0	22.2

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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



#22

Benzo(k)fluoranthene

Concen: 0.041 ng/ul m

RT: 22.62 min Scan# 5166

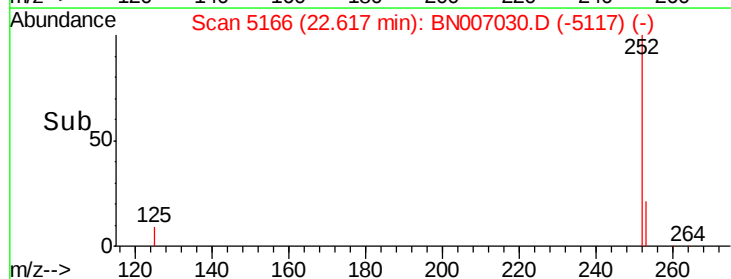
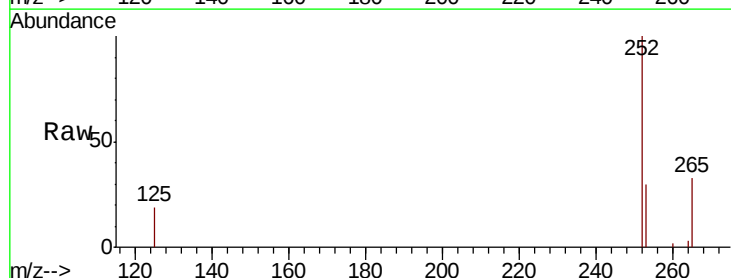
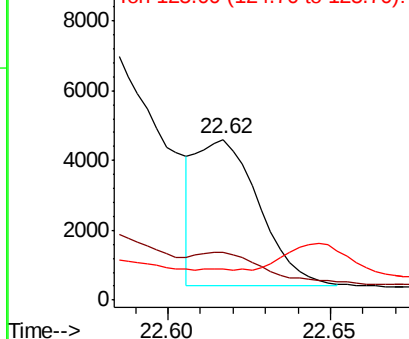
Delta R.T. -0.01 min

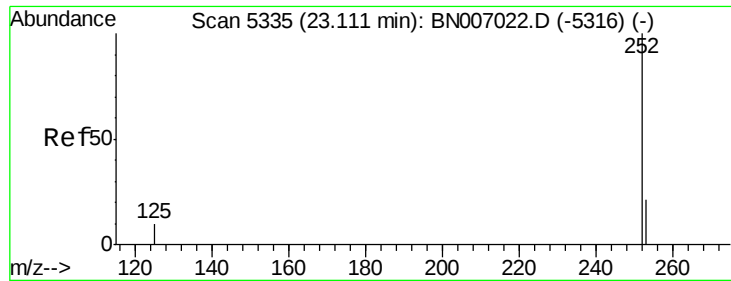
Lab File: BN007030.D

Acq: 08 Aug 2019 17:51

Tgt Ion:	252	Resp:	5732
Ion Ratio	Lower	Upper	
252	100		
253	29.6	18.6	28.0#
125	19.2	8.7	13.1#

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: 0.089 ng/uL

RT: 23.11 min Scan# 5336

Delta R.T. -0.00 min

Lab File: BN007030.D

Acq: 08 Aug 2019 17:51

Instrument :

BNA_N

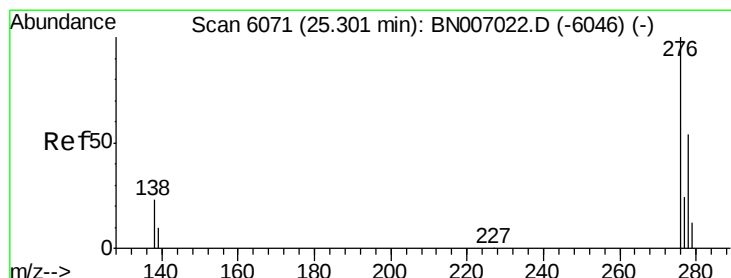
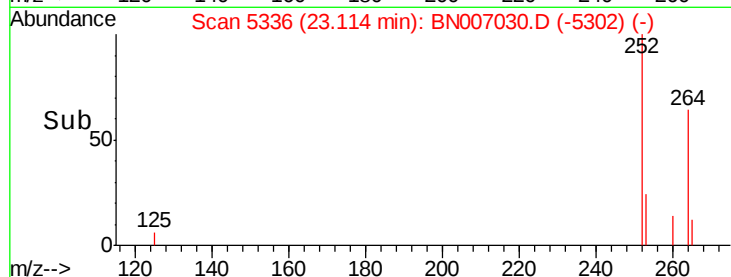
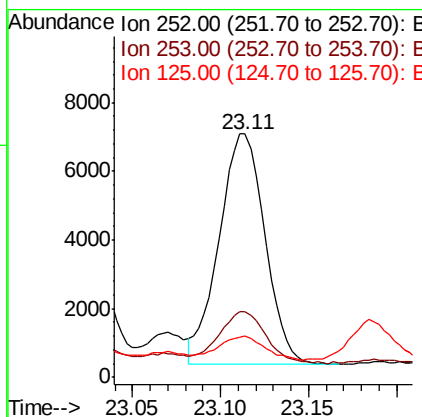
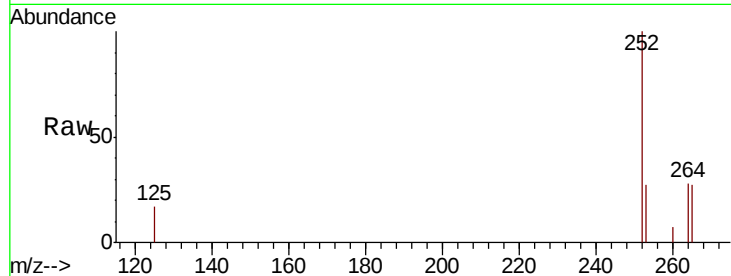
ClientSampleId :

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Tot Ion:	252	Resp:	12010
Ion Ratio	Lower	Upper	
252	100		
253	27.2	18.0	27.0#
125	16.9	10.0	15.0#

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#24

Indeno(1,2,3-cd)pyrene

Concen: 0.048 ng/uL

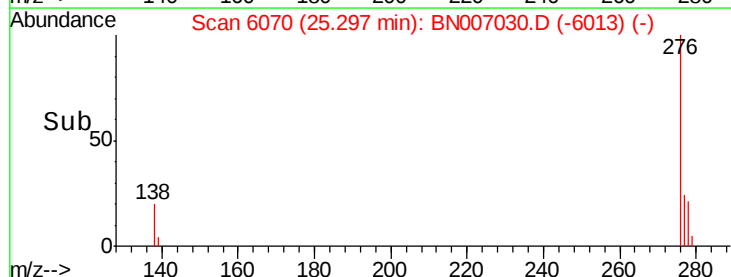
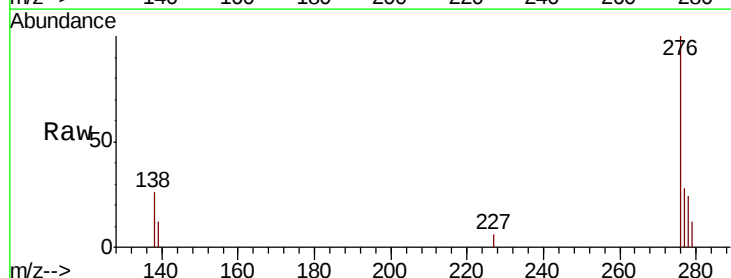
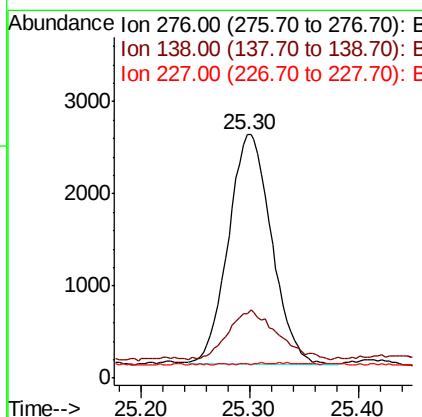
RT: 25.30 min Scan# 6070

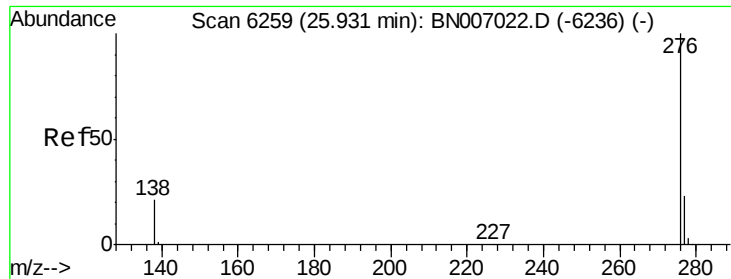
Delta R.T. -0.01 min

Lab File: BN007030.D

Acq: 08 Aug 2019 17:51

Tgt Ion:	276	Resp:	6906
Ion Ratio	Lower	Upper	
276	100		
138	24.4	19.9	29.9
227	0.2	0.2	0.4#





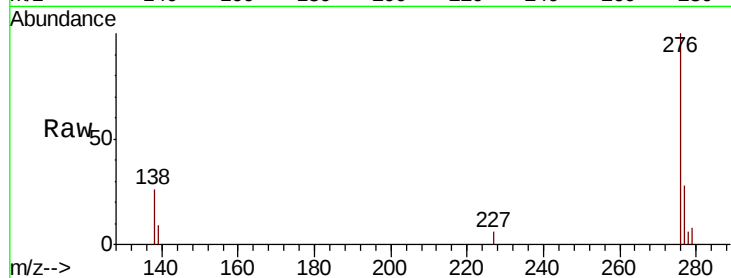
#26
 Benzo(a,h,i)perylene
 Concen: 0.058 ng/ul
 RT: 25.93 min Scan# 6259
 Delta R.T. -0.01 min
 Lab File: BN007030.D
 Acq: 08 Aug 2019 17:51

Instrument :
 BNA_N
 ClientSampleId :
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Tot Ion:	276	Resp:	7025
Ion Ratio	Lower	Upper	
276	100		
138	26.4	18.7	28.1
277	28.1	19.3	28.9

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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

