

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN080719\
 Data File : BN007000.D
 Acq On : 07 Aug 2019 22:46
 Operator : HP/JU
 Sample : K3962-01
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BEP25

Manual Integrations
 APPROVED

mohammad
 8/9/2019 6:15:22 AM

Quant Time: Aug 08 05:43:54 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	6265	0.40	ng/ul	0.00
2) Naphthalene-d8	10.23	136	25029	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.11	164	15750	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.86	188	40680	0.40	ng/ul	0.00
16) Chrysene-d12	21.07	240	35853	0.40	ng/ul	0.00
20) Perylene-d12	23.20	264	32510	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.83	152	1984	0.04	ng/ul	0.00
14) Fluoranthene-d10	18.90	212	11228	0.09	ng/ul	0.00
Target Compounds				Qvalue		
12) Phenanthrene	16.90	178	4747	0.037	ng/ul#	93
15) Fluoranthene	18.93	202	13248	0.082	ng/ul	98
17) Pyrene	19.29	202	12965m	0.081	ng/ul	
18) Benzo(a)anthracene	21.06	228	6575	0.042	ng/ul#	84
19) Chrysene	21.11	228	8141	0.055	ng/ul#	88
21) Benzo(b)fluoranthene	22.57	252	8171m	0.062	ng/ul	
23) Benzo(a)pyrene	23.11	252	5019	0.040	ng/ul#	50
24) Indeno(1,2,3-cd)pyrene	25.30	276	2844	0.021	ng/ul#	51
26) Benzo(g,h,i)perylene	25.93	276	2947	0.026	ng/ul#	72

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

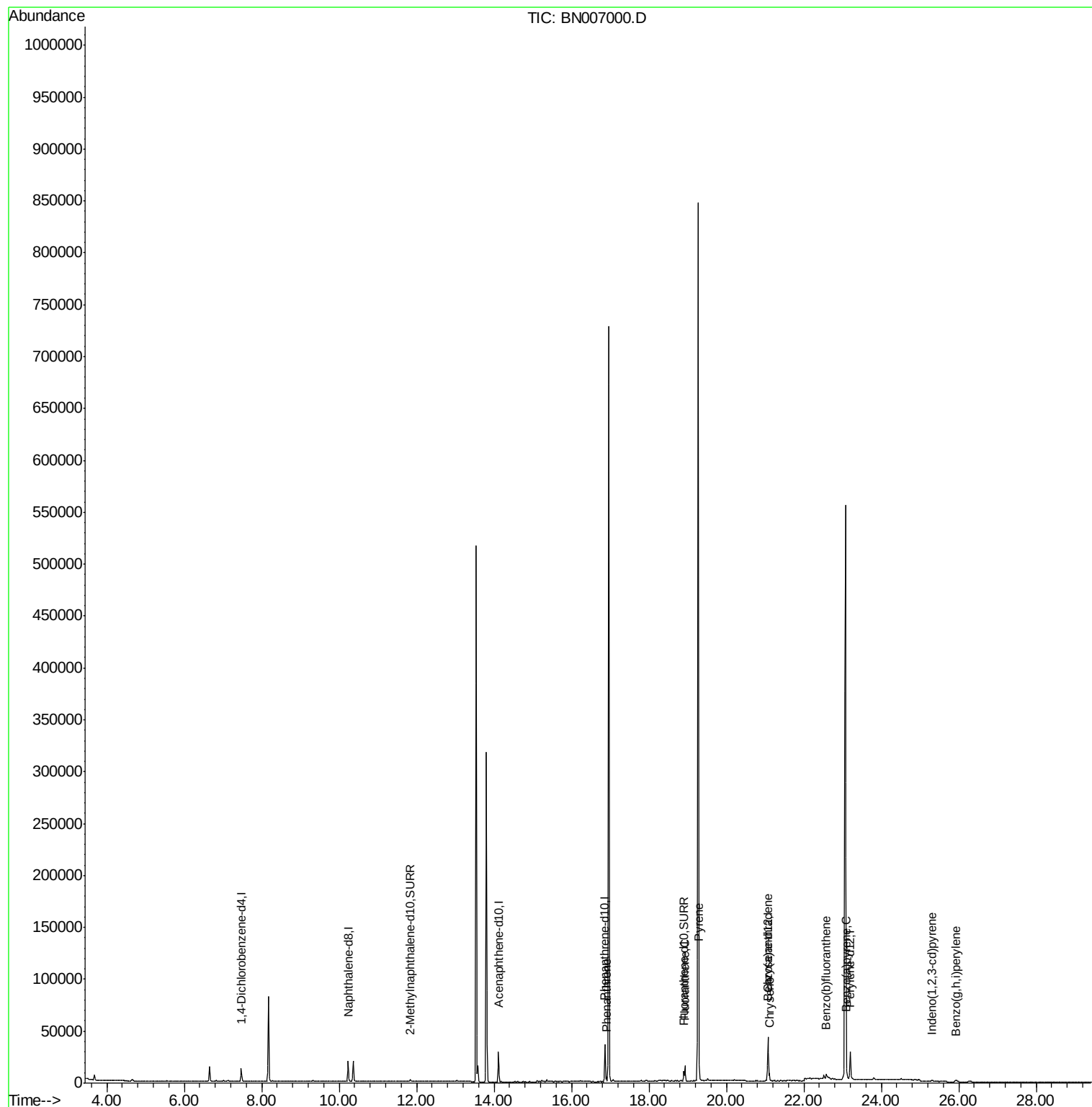
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN080719\
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Misc :
ALS Vial : 21 Sample Multiplier: 1

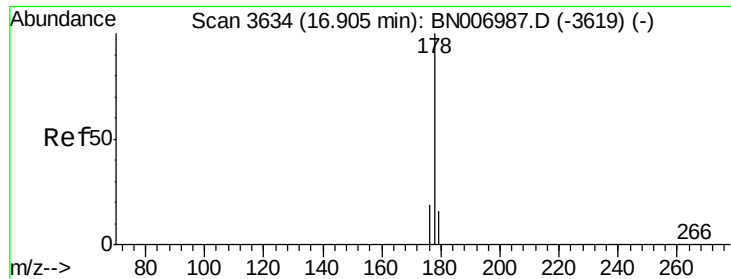
Instrument :
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#12

Phenanthrene

Concen: 0.037 ng/ul

RT: 16.90 min Scan# 3634

Delta R.T. -0.00 min

Lab File: BN007000.D

Acq: 07 Aug 2019 22:46

Instrument :

BNA_N

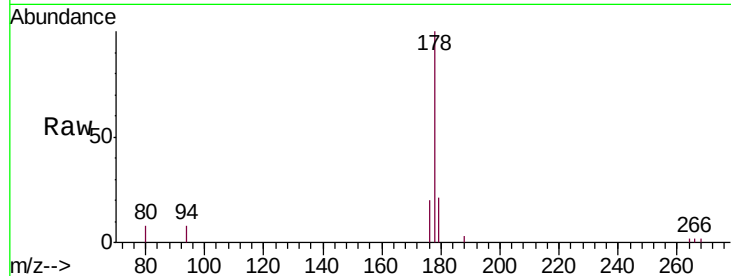
ClientSampleId :

BEP25

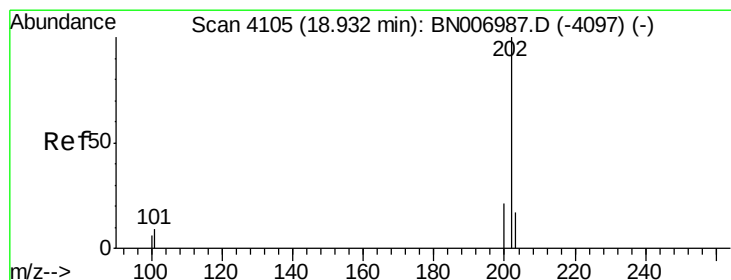
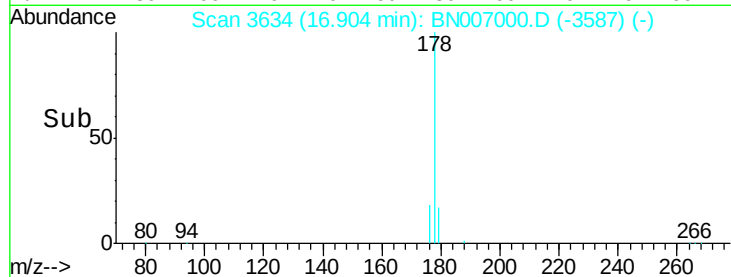
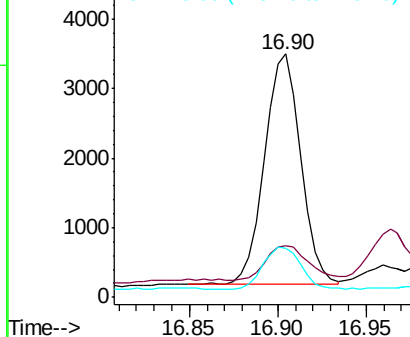
Tgt Ion:	178	Resp:	4747
Ion Ratio	Lower	Upper	
178	100		
179	21.4	12.5	18.7#
176	20.4	15.6	23.4

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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: 0.082 ng/ul

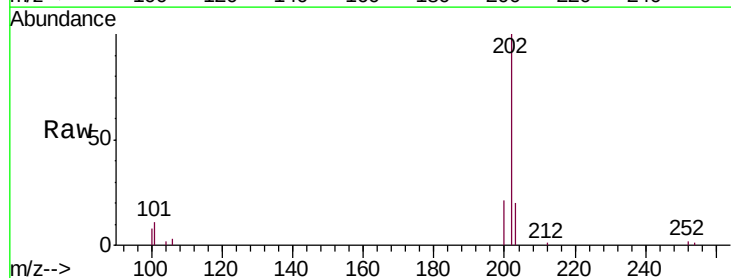
RT: 18.93 min Scan# 4105

Delta R.T. -0.00 min

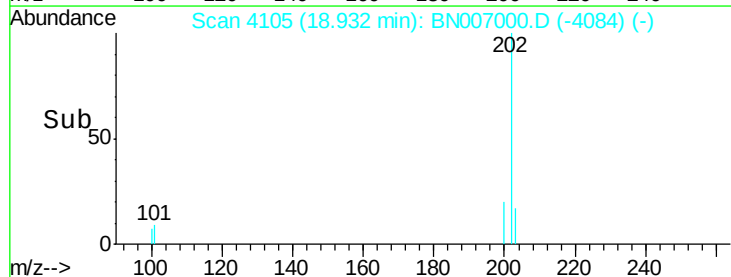
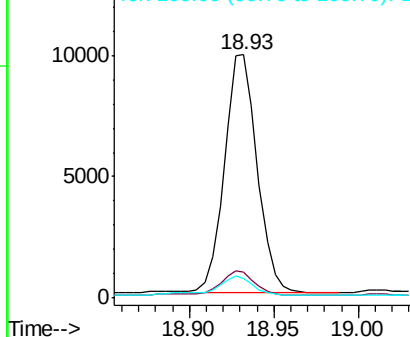
Lab File: BN007000.D

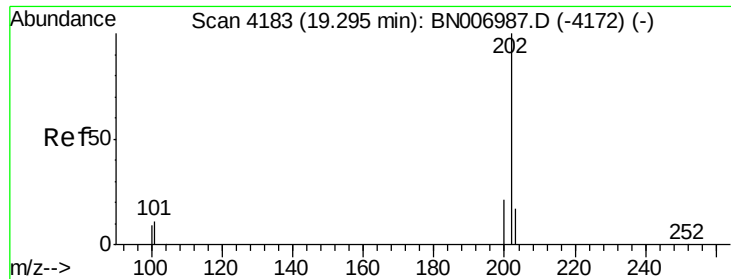
Acq: 07 Aug 2019 22:46

Tgt Ion:	202	Resp:	13248
Ion Ratio	Lower	Upper	
202	100		
101	10.8	0.0	30.0
100	8.0	0.0	27.7



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): B





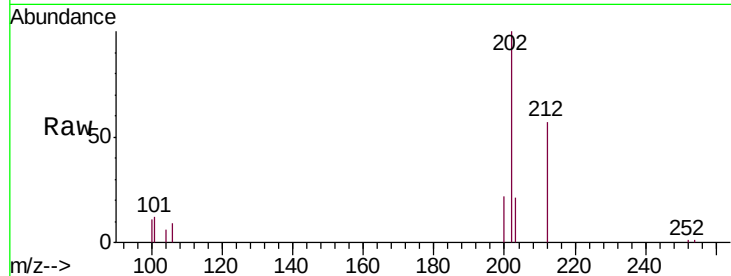
#17
 Pyrene
 Concen: 0.081 ng/ul m
 RT: 19.29 min Scan# 4183
 Delta R.T. -0.00 min
 Lab File: BN007000.D
 Acq: 07 Aug 2019 22:46

Instrument :
 BNA_N
 ClientSampled :
 BEP25

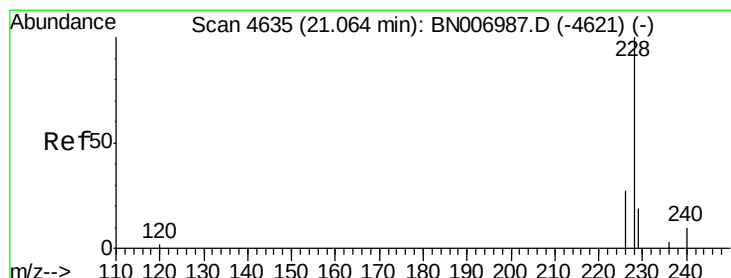
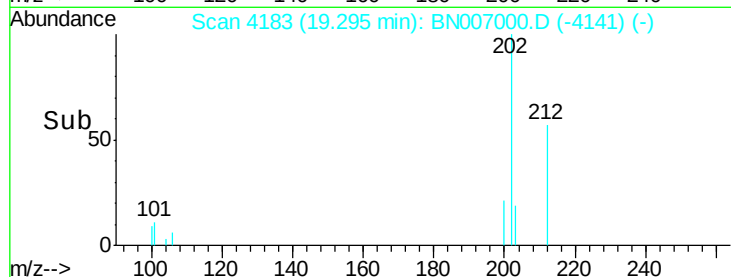
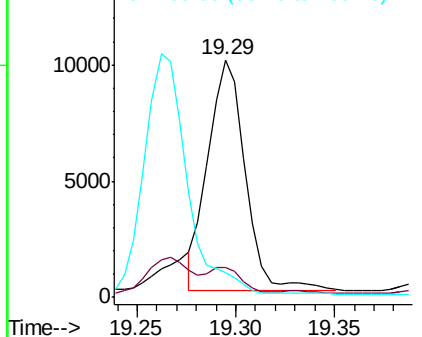
Tgt Ion	Ratio	Resp	Lower	Upper
202	100	12965		
101	12.5	9.3	13.9	
100	10.6	7.3	10.9	

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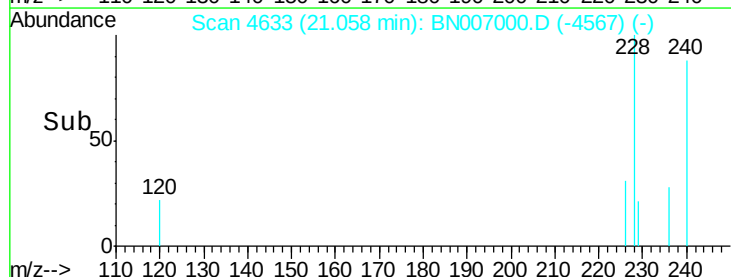
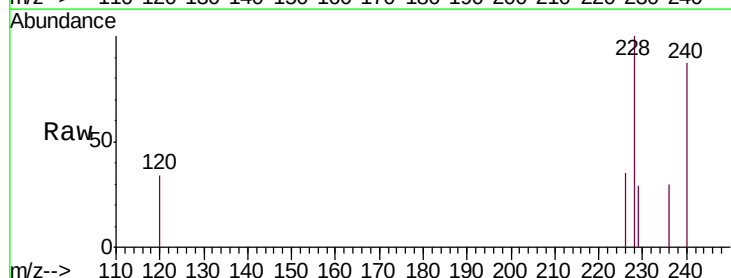
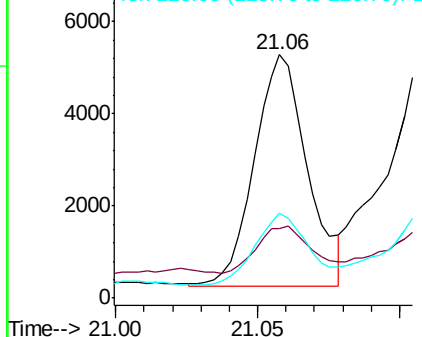
Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 100.00 (99.70 to 100.70): B

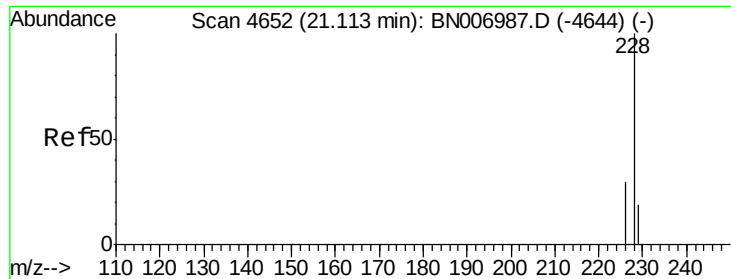


#18
 Benzo(a)anthracene
 Concen: 0.042 ng/ul
 RT: 21.06 min Scan# 4633
 Delta R.T. -0.01 min
 Lab File: BN007000.D
 Acq: 07 Aug 2019 22:46

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	6575		
229	28.5	15.9	23.9#	
226	34.9	22.2	33.4#	

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: 0.055 ng/ul

RT: 21.11 min Scan# 4650

Delta R.T. -0.01 min

Lab File: BN007000.D

Acq: 07 Aug 2019 22:46

Instrument :

BNA_N

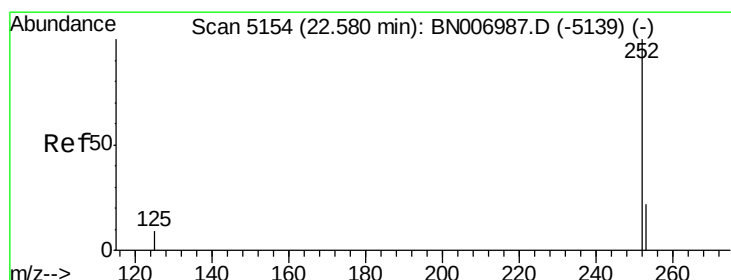
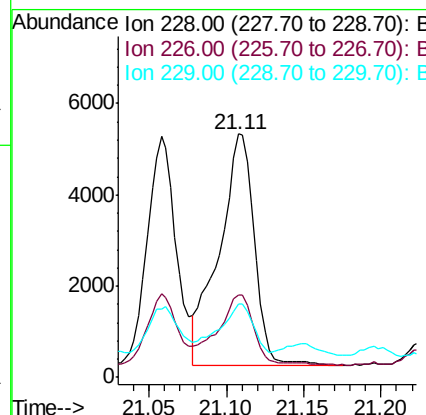
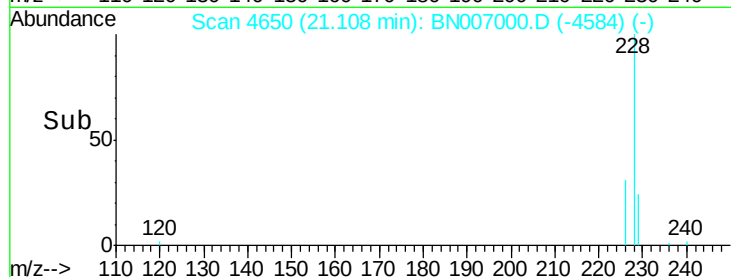
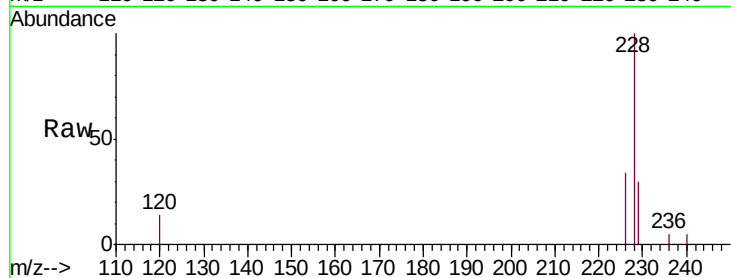
ClientSampleId :

BEP25

Tgt Ion:	228	Resp:	8141
Ion Ratio	Lower	Upper	
228	100		
226	33.8	24.7	37.1
229	30.1	15.5	23.3#

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#21

Benzo(b)fluoranthene

Concen: 0.062 ng/ul m

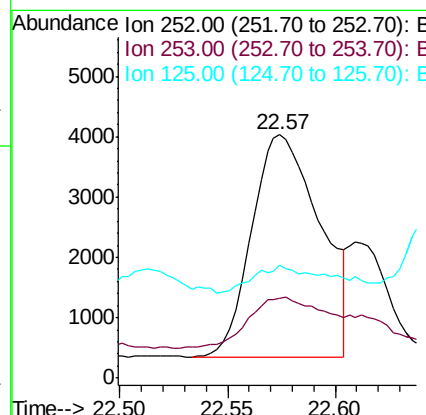
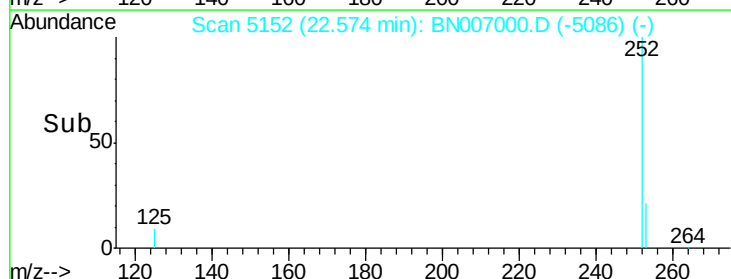
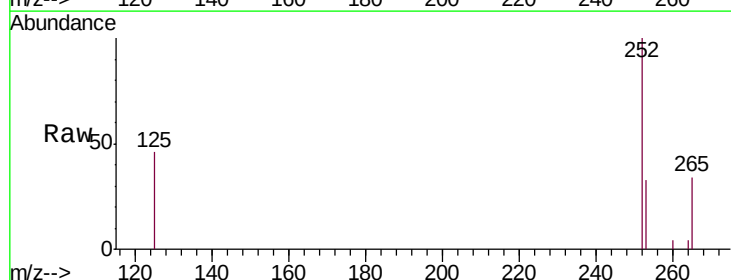
RT: 22.57 min Scan# 5152

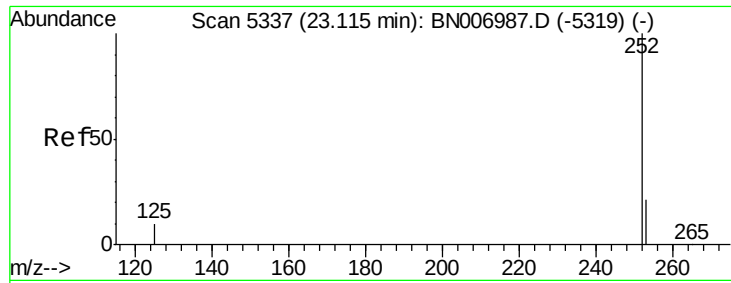
Delta R.T. -0.01 min

Lab File: BN007000.D

Acq: 07 Aug 2019 22:46

Tgt Ion:	252	Resp:	8171
Ion Ratio	Lower	Upper	
252	100		
253	32.6	0.0	45.2
125	46.2	0.0	22.2#





#23

Benzo(a)pyrene

Concen: 0.040 ng/ul

RT: 23.11 min Scan# 5334

Delta R.T. -0.01 min

Lab File: BN007000.D

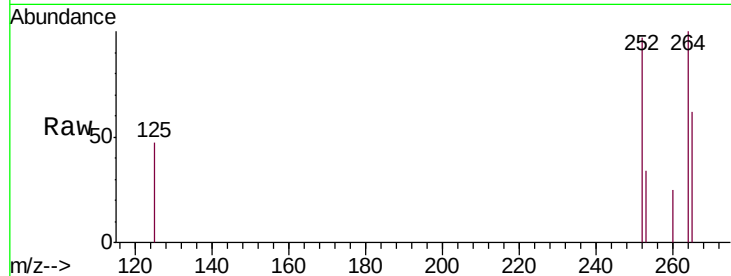
Acq: 07 Aug 2019 22:46

Instrument :

BNA_N

ClientSampled :

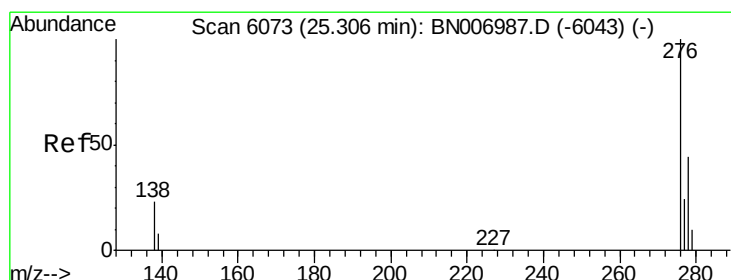
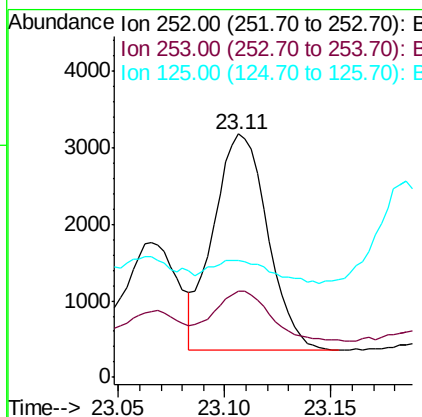
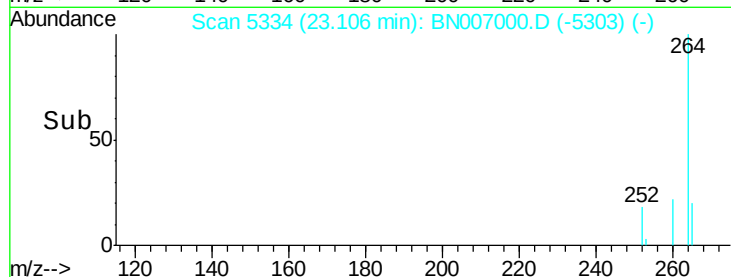
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Tgt Ion	Ratio	Lower	Upper
252	100		
253	35.3	18.0	27.0#
125	48.3	10.0	15.0#

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#24

Indeno(1,2,3-cd)pyrene

Concen: 0.021 ng/ul

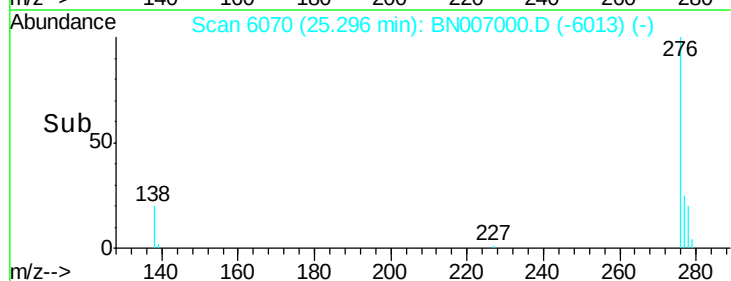
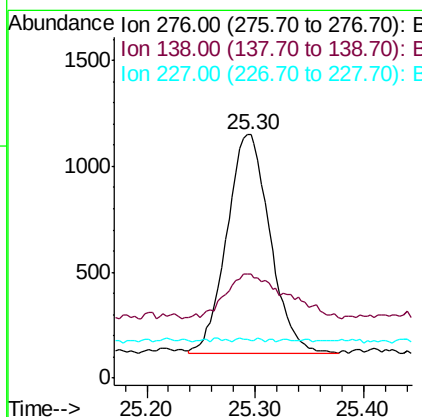
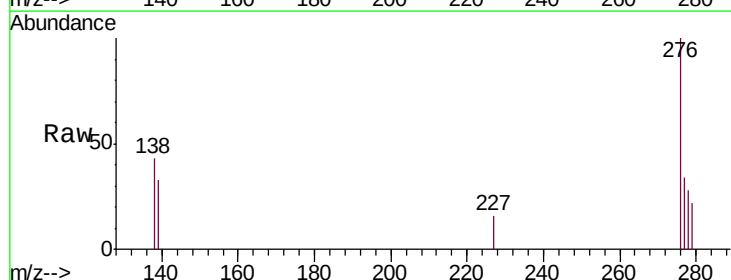
RT: 25.30 min Scan# 6070

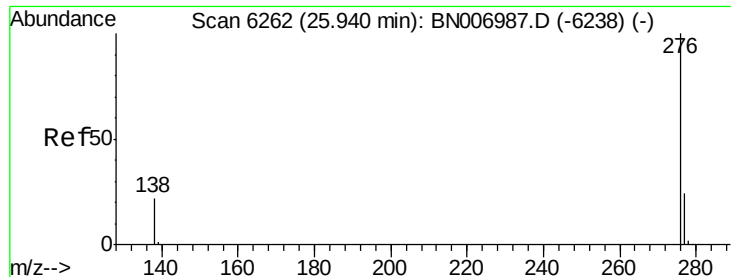
Delta R.T. -0.01 min

Lab File: BN007000.D

Acq: 07 Aug 2019 22:46

Tgt Ion	Ratio	Lower	Upper
276	100		
138	0.0	19.9	29.9#
227	0.4	0.2	0.4#





#26

Benzo(g,h,i)perylene

Concen: 0.026 ng/ul

RT: 25.93 min Scan# 6259

Delta R.T. -0.01 min

Lab File: BN007000.D

Acq: 07 Aug 2019 22:46

Instrument :

BNA_N

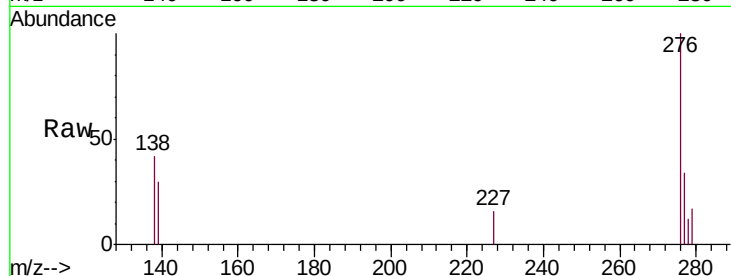
ClientSampleId :

BEP25

Tgt Ion:	276	Resp:	2947
Ion Ratio	Lower	Upper	
276	100		
138	41.6	18.7	28.1#
277	33.5	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

