

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN102219\
 Data File : BN008331.D
 Acq On : 23 Oct 2019 00:57
 Operator : JU
 Sample : K5223-08
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BEPE4

Manual Integrations
 APPROVED

mohammad
 10/24/2019 8:05:49 AM

Quant Time: Oct 23 02:46:44 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 21 23:58:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	1940	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.35	136	9470	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.22	164	5921	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.97	188	13047m	0.40	ng/ul	0.00
16) Chrysene-d12	21.17	240	11394	0.40	ng/ul	0.00
20) Perylene-d12	23.34	264	10212	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.95	152	3843	0.24	ng/ul	-0.01
14) Fluoranthene-d10	19.00	212	10438	0.23	ng/ul	0.00
Target Compounds				Ovalue		
8) Acenaphthene	14.28	153	467	0.021	ng/ul	95
9) Fluorene	15.27	166	534	0.021	ng/ul#	93
12) Phenanthrene	17.01	178	6588	0.172	ng/ul	98
13) Anthracene	17.10	178	1314	0.039	ng/ul#	87
15) Fluoranthene	19.03	202	6656	0.132	ng/ul	95
17) Pyrene	19.39	202	5782m	0.127	ng/ul	
18) Benzo(a)anthracene	21.16	228	3238	0.078	ng/ul#	90
19) Chrysene	21.21	228	2940	0.058	ng/ul#	92
21) Benzo(b)fluoranthene	22.70	252	2563m	0.077	ng/ul	
22) Benzo(k)fluoranthene	22.74	252	1066m	0.028	ng/ul	
23) Benzo(a)pyrene	23.25	252	1788	0.051	ng/ul#	23
26) Benzo(g,h,i)perylene	26.16	276	799	0.021	ng/ul#	46

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

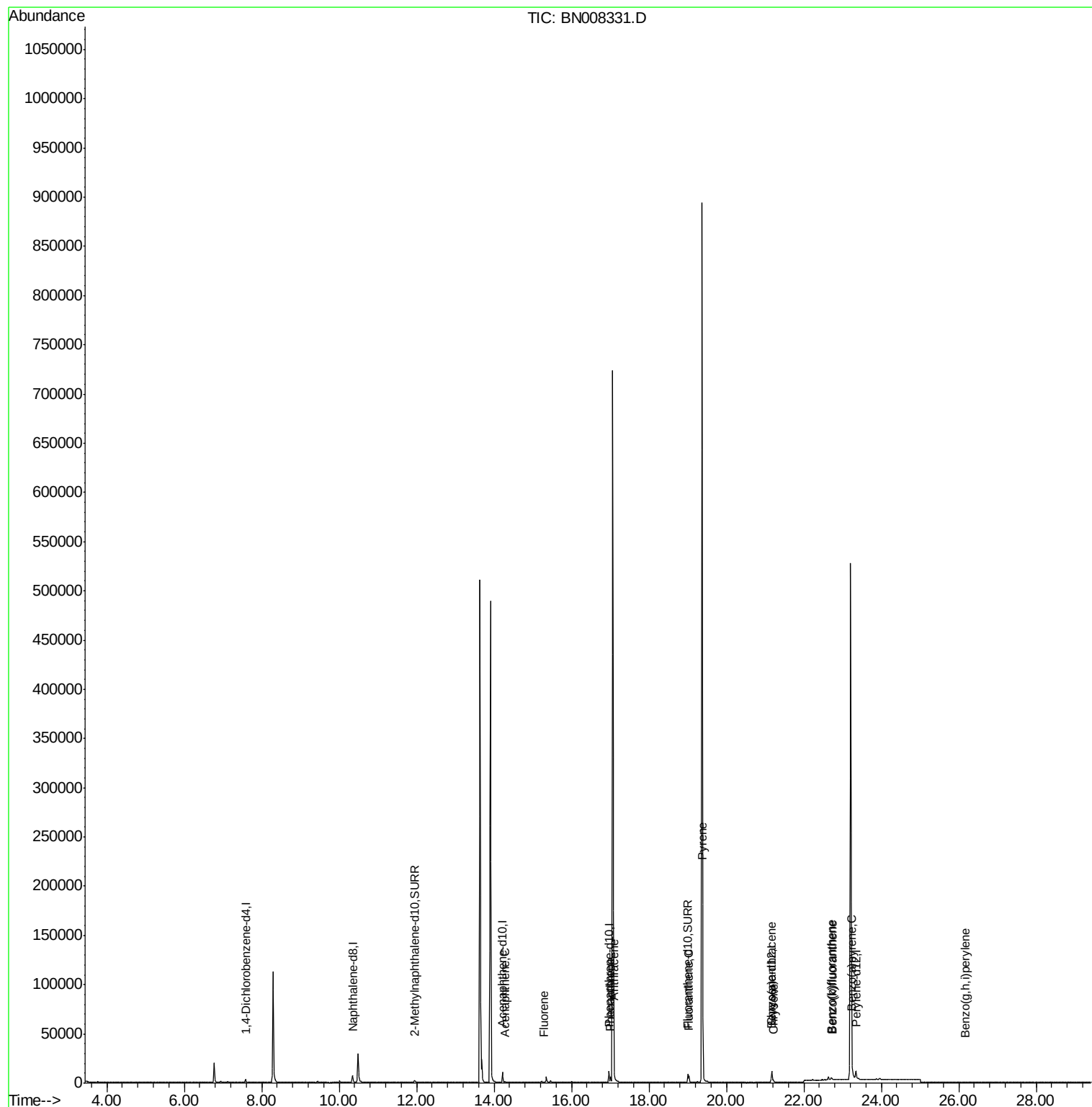
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN102219\
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Sample : K5223-08
Misc :
ALS Vial : 26 Sample Multiplier: 1

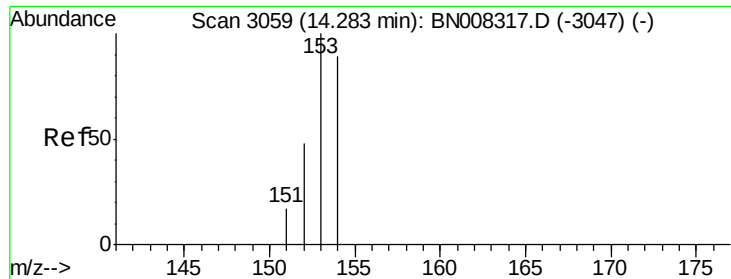
Instrument :
BNA_N
ClientSampleId :
BEPE4

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QLast Update : Mon Oct 21 23:58:15 2019
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#8

Acenaphthene

Concen: 0.021 ng/ul

RT: 14.28 min Scan# 3058

Delta R.T. -0.01 min

Lab File: BN008331.D

Acq: 23 Oct 2019 00:57

Instrument :

BNA_N

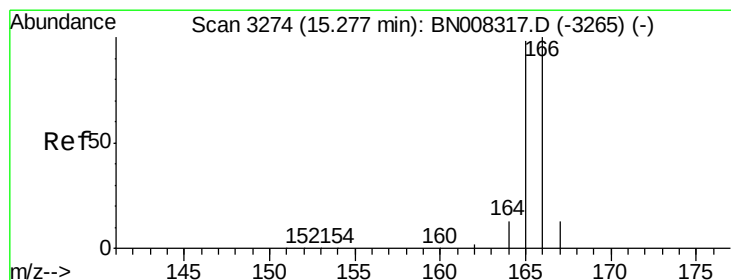
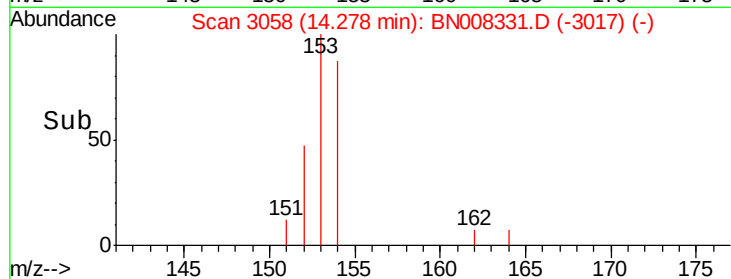
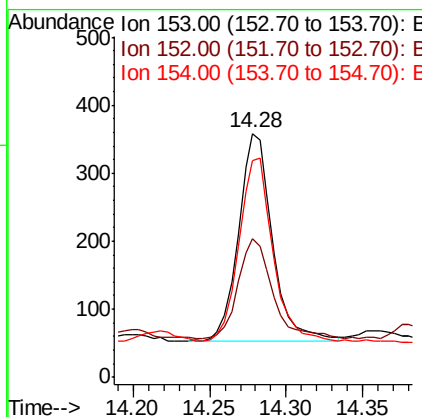
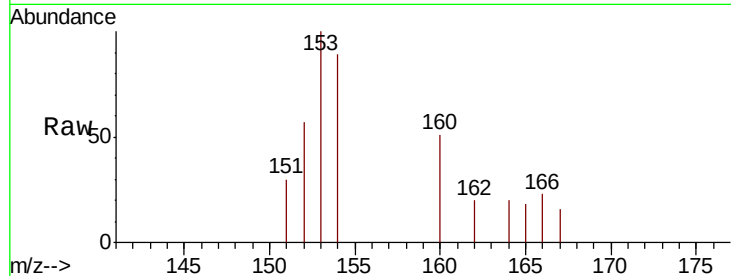
ClientSampleId :

BEPE4

Tot Ion:	153	Resp:	467
Ion	Ratio	Lower	Upper
153	100		
152	56.7	38.2	57.2
154	89.1	71.8	107.8

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#9

Fluorene

Concen: 0.021 ng/ul

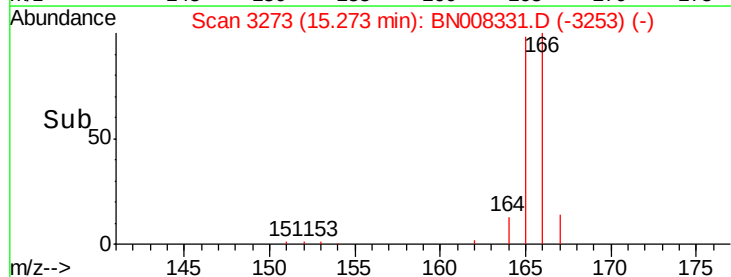
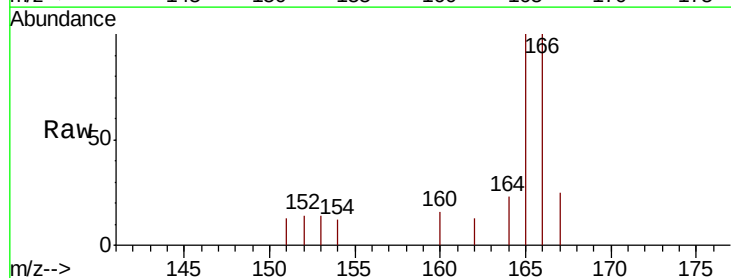
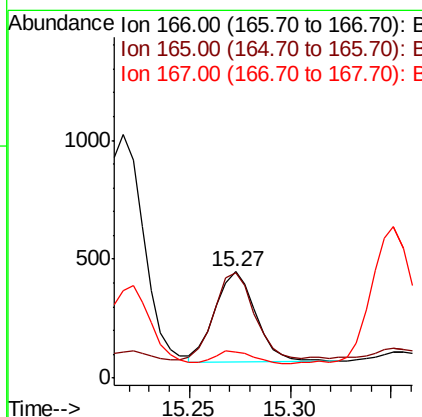
RT: 15.27 min Scan# 3273

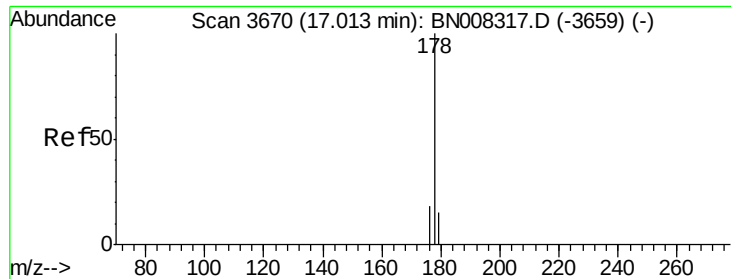
Delta R.T. -0.01 min

Lab File: BN008331.D

Acq: 23 Oct 2019 00:57

Tgt Ion:	166	Resp:	534
Ion	Ratio	Lower	Upper
166	100		
165	99.6	76.6	115.0
167	24.9	11.7	17.5#





#12

Phenanthrene

Concen: 0.172 ng/ul

RT: 17.01 min Scan# 3669

Delta R.T. -0.01 min

Lab File: BN008331.D

Acq: 23 Oct 2019 00:57

Instrument :

BNA_N

ClientSampleId :

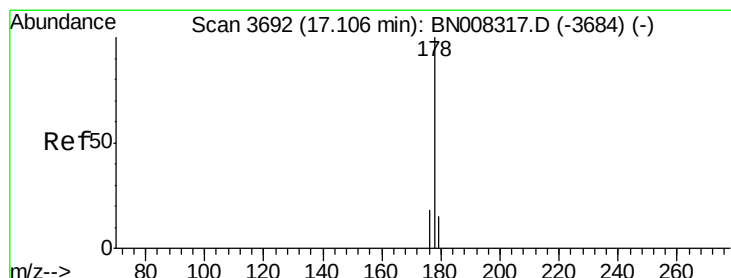
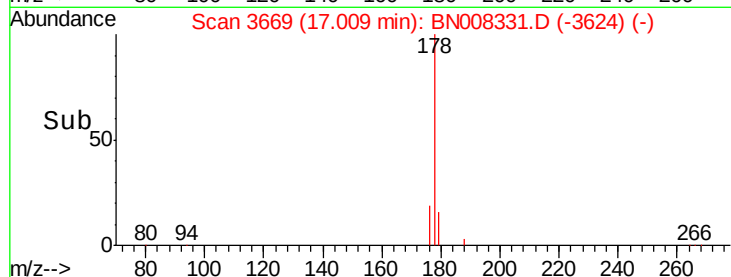
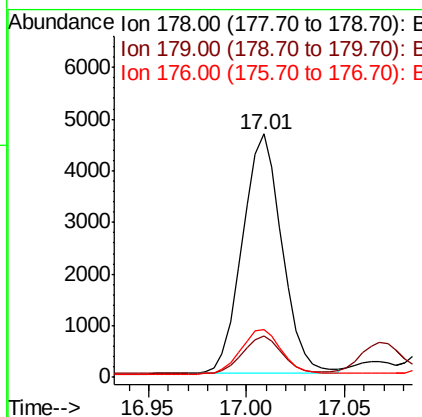
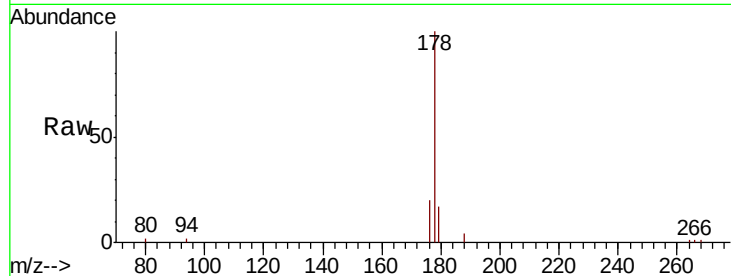
BEPE4

Tot Ion:178 Resp: 6588

Ion	Ratio	Lower	Upper
178	100		
179	17.1	12.8	19.2
176	19.7	15.4	23.2

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#13

Anthracene

Concen: 0.039 ng/ul

RT: 17.10 min Scan# 3690

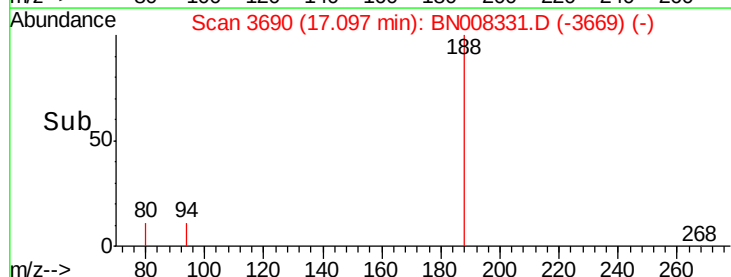
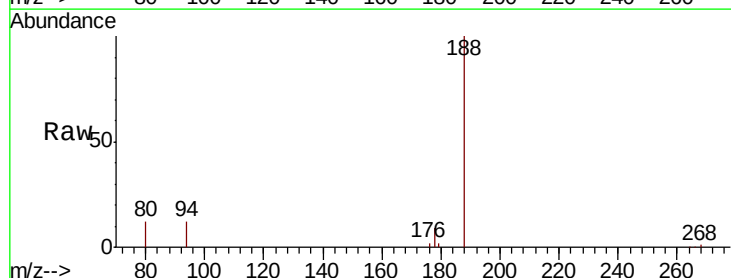
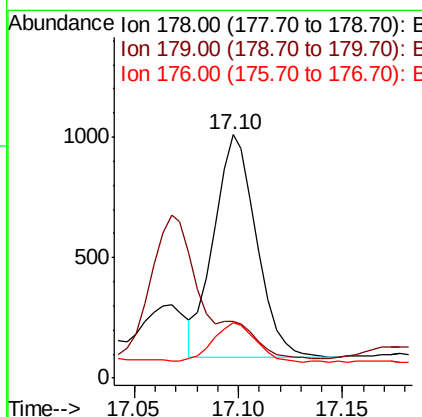
Delta R.T. -0.01 min

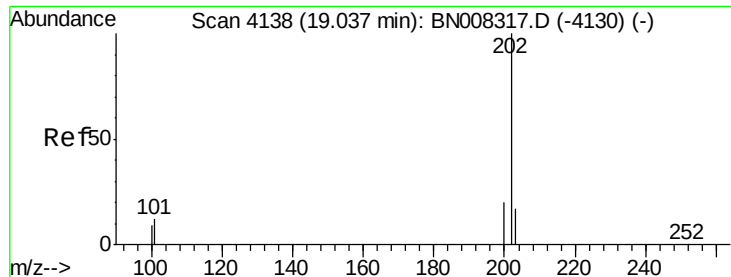
Lab File: BN008331.D

Acq: 23 Oct 2019 00:57

Tgt Ion:178 Resp: 1314

Ion	Ratio	Lower	Upper
178	100		
179	23.5	13.0	19.6#
176	22.8	15.0	22.6#





#15

Fluoranthene

Concen: 0.132 ng/ul

RT: 19.03 min Scan# 4137

Delta R.T. -0.01 min

Lab File: BN008331.D

Acq: 23 Oct 2019 00:57

Instrument :

BNA_N

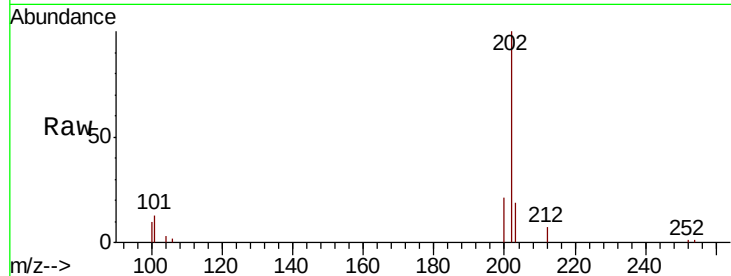
ClientSampleId :

BEPE4

Tot Ion:	202	Resp:	6656
Ion Ratio	Lower	Upper	
202	100		
101	13.4	0.0	31.2
100	10.2	0.0	28.5

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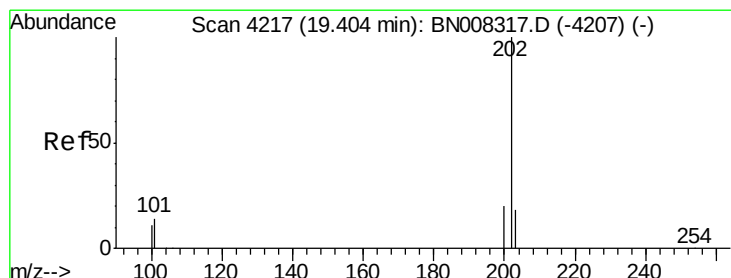
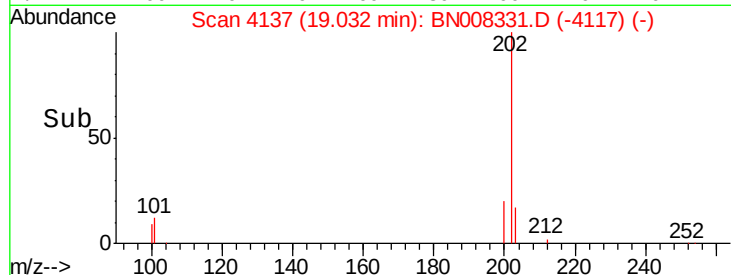
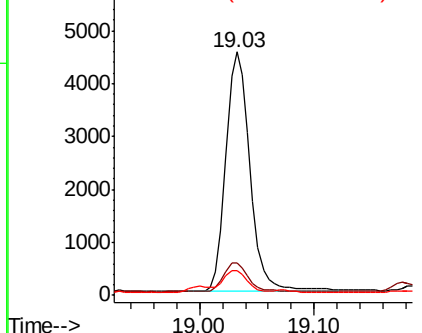


Abundance

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



#17

Pyrene

Concen: 0.127 ng/ul m

RT: 19.39 min Scan# 4215

Delta R.T. -0.01 min

Lab File: BN008331.D

Acq: 23 Oct 2019 00:57

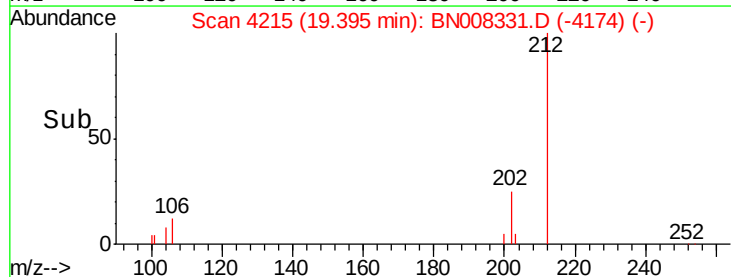
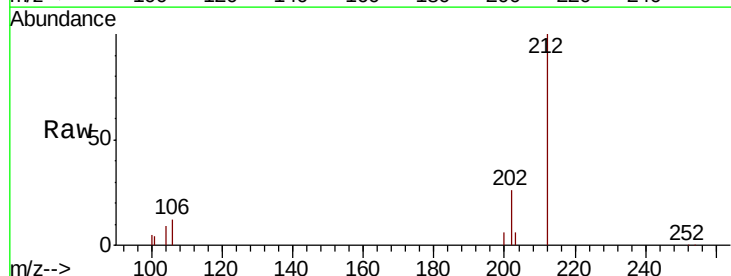
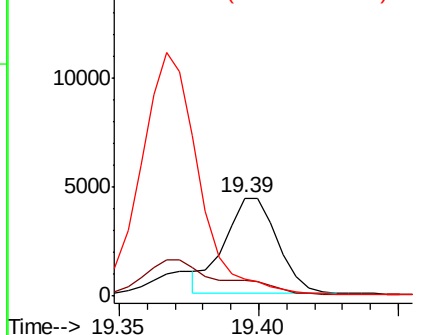
Tgt Ion:	202	Resp:	5782
Ion Ratio	Lower	Upper	
202	100		
101	16.6	10.9	16.3#
100	17.6	8.7	13.1#

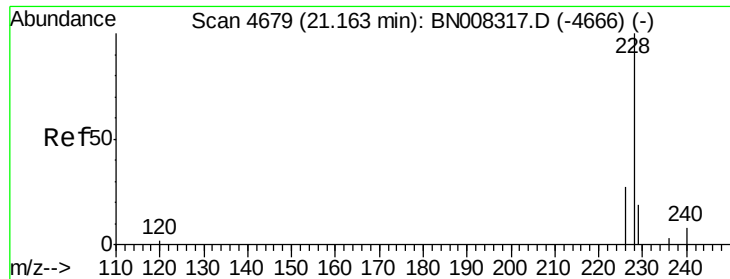
Abundance

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





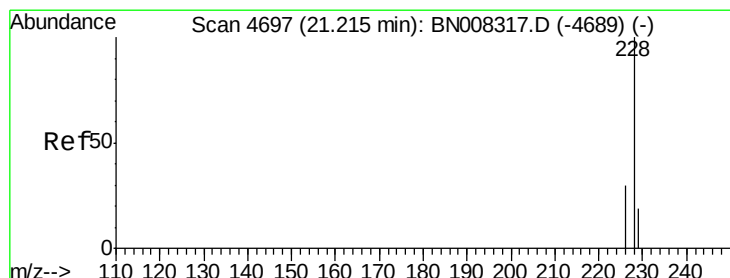
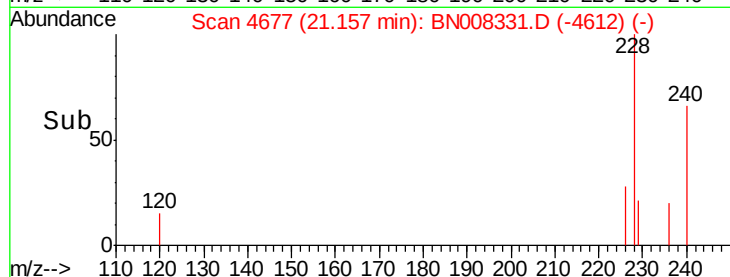
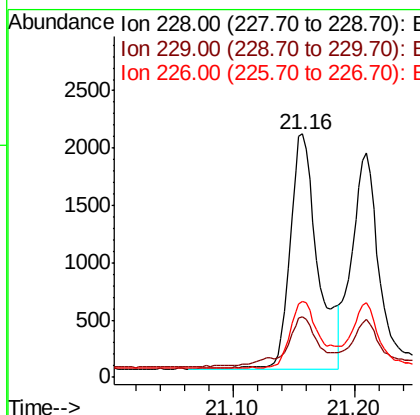
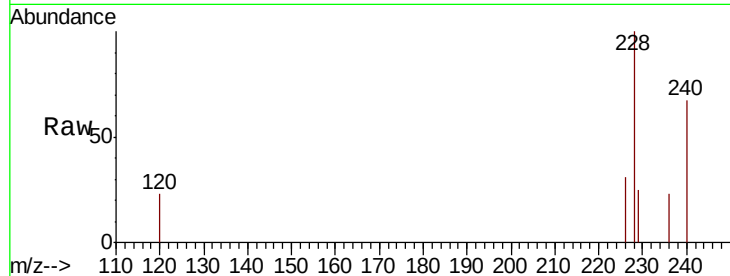
#18
Benzo(a)anthracene
Concen: 0.078 ng/ul
RT: 21.16 min Scan# 4677
Delta R.T. -0.01 min
Lab File: BN008331.D
Acq: 23 Oct 2019 00:57

Instrument :
BNA_N
ClientSampleId :
BEPE4

Tot Ion	Ratio	Lower	Upper
228	100		
229	25.0	16.2	24.2#
226	31.3	21.4	32.0

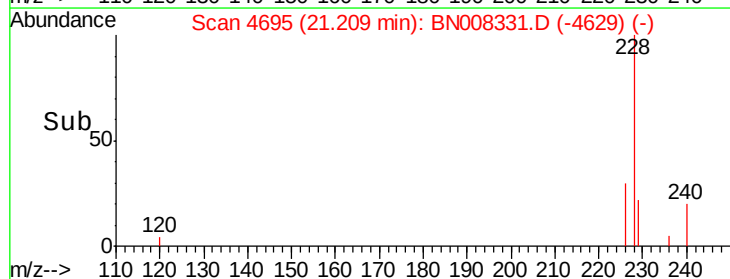
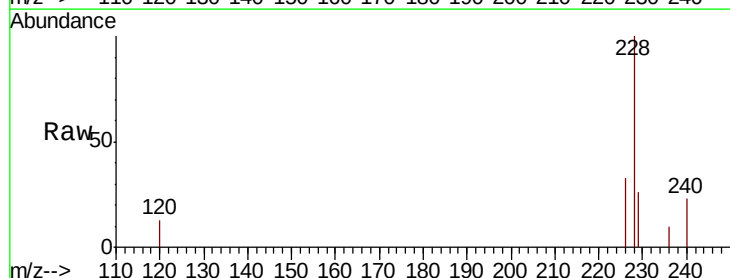
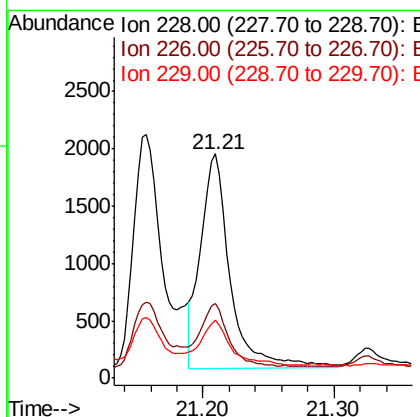
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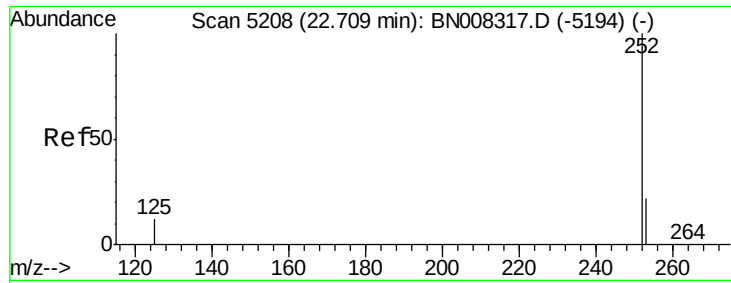
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#19
Chrysene
Concen: 0.058 ng/ul
RT: 21.21 min Scan# 4695
Delta R.T. -0.01 min
Lab File: BN008331.D
Acq: 23 Oct 2019 00:57

Tgt Ion	Ratio	Lower	Upper
228	100		
226	33.1	24.1	36.1
229	25.8	16.2	24.2#





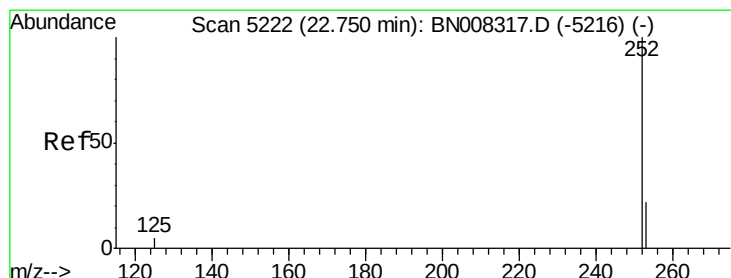
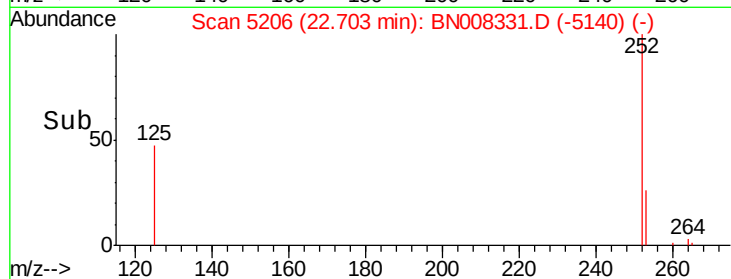
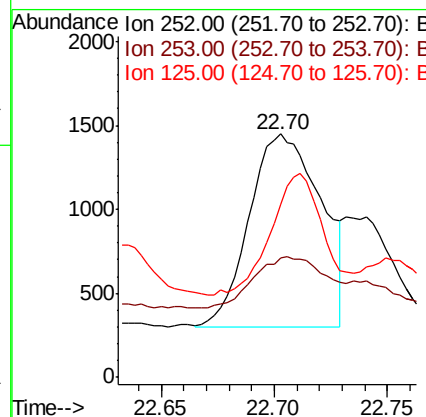
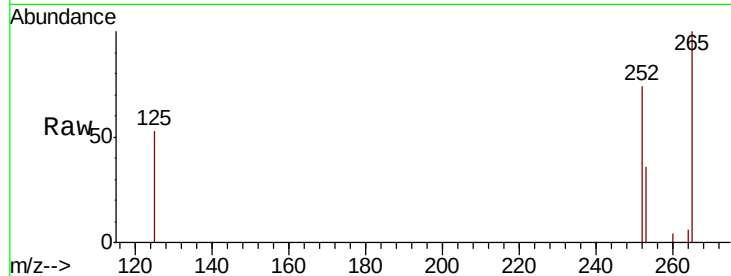
#21
Benzo(b)fluoranthene
Concen: 0.077 ng/ul m
RT: 22.70 min Scan# 5206
Delta R.T. -0.01 min
Lab File: BN008331.D
Acq: 23 Oct 2019 00:57

Instrument :
BNA_N
ClientSampled :
BEPE4

Tot Ion	Ratio	Lower	Upper
252	100		
253	49.1	0.0	53.4
125	71.4	0.0	32.4#

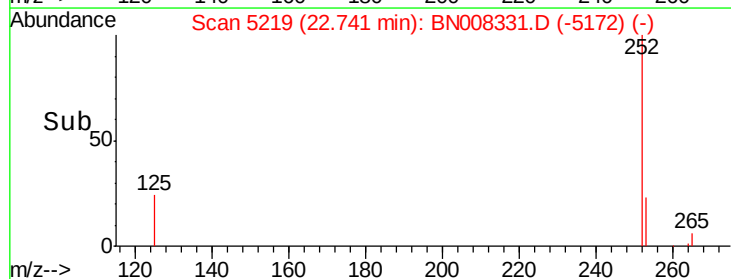
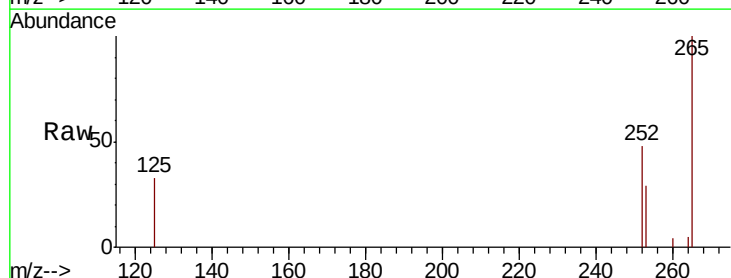
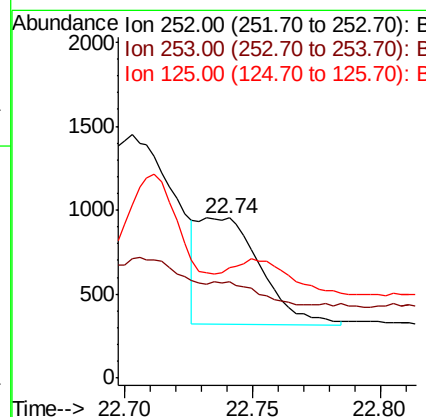
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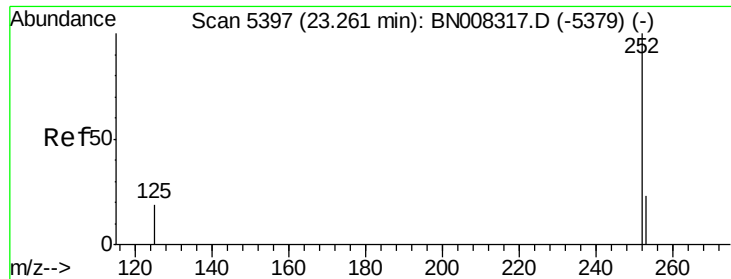
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#22
Benzo(k)fluoranthene
Concen: 0.028 ng/ul m
RT: 22.74 min Scan# 5219
Delta R.T. -0.01 min
Lab File: BN008331.D
Acq: 23 Oct 2019 00:57

Tgt Ion	Ratio	Lower	Upper
252	100		
253	60.2	21.3	31.9#
125	68.9	12.3	18.5#





#23

Benzo(a)pyrene

Concen: 0.051 ng/ul

RT: 23.25 min Scan# 5393

Delta R.T. -0.01 min

Lab File: BN008331.D

Acq: 23 Oct 2019 00:57

Instrument :

BNA_N

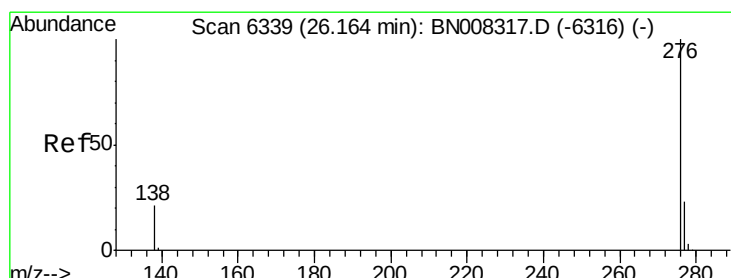
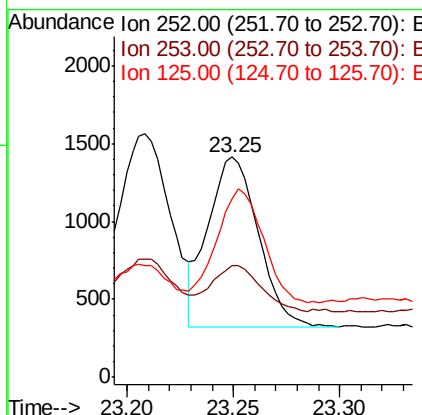
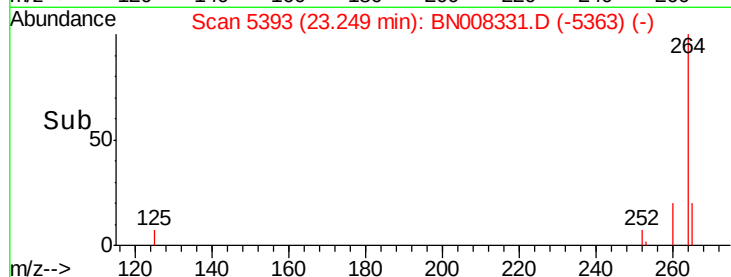
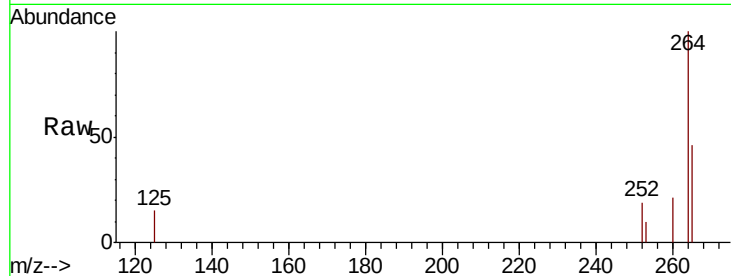
ClientSampleId :

BEPE4

Tot Ion:	252	Resp:	1788
Ion Ratio	Lower	Upper	
252	100		
253	50.9	22.8	34.2#
125	81.2	18.4	27.6#

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#26

Benzo(g,h,i)perylene

Concen: 0.021 ng/ul

RT: 26.16 min Scan# 6337

Delta R.T. -0.01 min

Lab File: BN008331.D

Acq: 23 Oct 2019 00:57

Tgt Ion:	276	Resp:	799
Ion Ratio	Lower	Upper	
276	100		
138	52.4	17.0	25.4#
277	47.6	20.4	30.6#

