

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101819\
 Data File : BN008255.D
 Acq On : 18 Oct 2019 19:47
 Operator : JU
 Sample : K5178-22DL 5X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BEPJ4DL

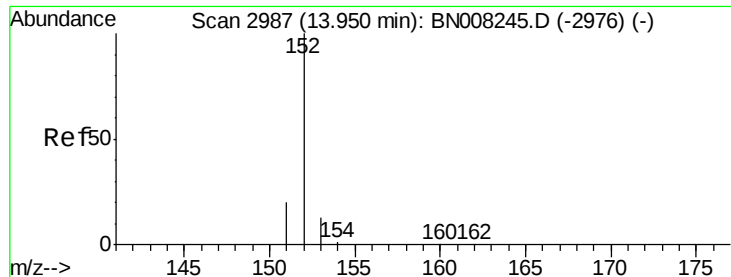
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 10/22/2019 1:40:54 AM

Quant Time: Oct 19 00:12:26 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 : Fri Oct 18 23:47:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	3038	0.40	ng/ul	0.00
2) Naphthalene-d8	10.36	136	14703	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.23	164	9502	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.98	188	19578	0.40	ng/ul	0.00
16) Chrysene-d12	21.18	240	18640	0.40	ng/ul	0.00
20) Perylene-d12	23.36	264	16725	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.97	152	306	0.01	ng/ul	0.00
14) Fluoranthene-d10	19.01	212	924	0.01	ng/ul	0.00
Target Compounds				Ovalue		
7) Acenaphthylene	13.95	152	1380	0.030	ng/ul#	86
9) Fluorene	15.29	166	837	0.021	ng/ul#	93
12) Phenanthrene	17.02	178	20575	0.359	ng/ul	100
13) Anthracene	17.11	178	3647	0.072	ng/ul	95
15) Fluoranthene	19.04	202	46379	0.613	ng/ul	97
17) Pyrene	19.41	202	52214	0.704	ng/ul	100
18) Benzo(a)anthracene	21.17	228	27151	0.401	ng/ul	98
19) Chrysene	21.22	228	28833	0.347	ng/ul	98
21) Benzo(b)fluoranthene	22.72	252	30771m	0.565	ng/ul	
22) Benzo(k)fluoranthene	22.75	252	11409m	0.185	ng/ul	
23) Benzo(a)pyrene	23.26	252	22084	0.385	ng/ul	97
24) Indeno(1,2,3-cd)pyrene	25.52	276	11821	0.175	ng/ul#	96
25) Dibenzo(a,h)anthracene	25.52	278	2846	0.053	ng/ul#	73
26) Benzo(g,h,i)perylene	26.17	276	11553	0.187	ng/ul	97

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



#7

Acenaphthylene

Concen: 0.030 ng/ul

RT: 13.95 min Scan# 2986

Delta R.T. -0.00 min

Lab File: BN008255.D

Acq: 18 Oct 2019 19:47

Instrument :

BNA_N

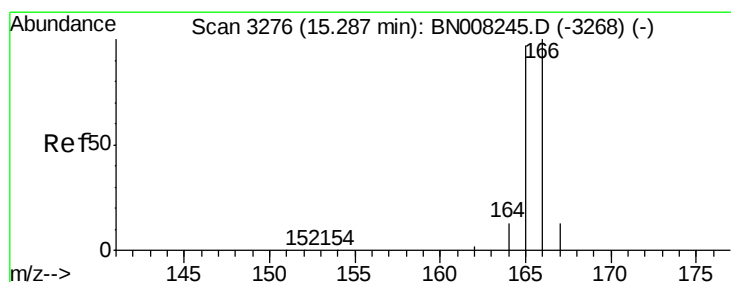
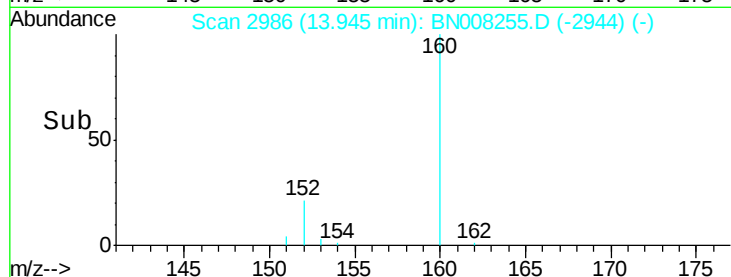
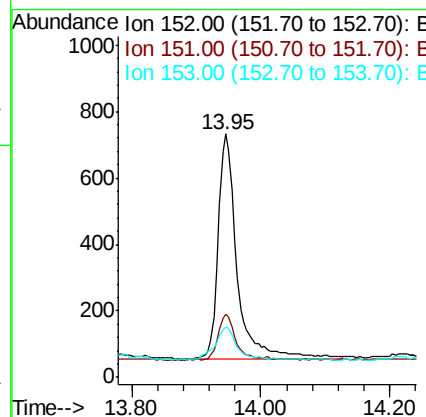
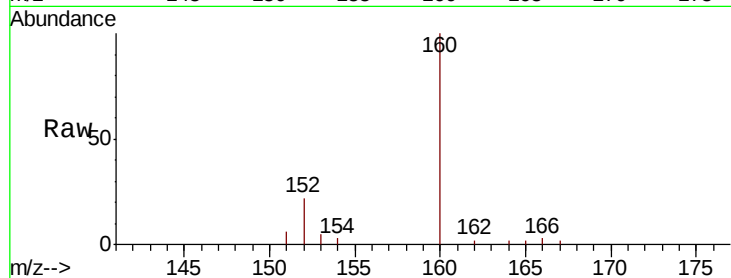
ClientSampleId :

BEPJ4DL

Tot Ion:	152	Resp:	1380
Ion Ratio	Lower	Upper	
152	100		
151	25.8	16.2	24.4#
153	20.6	11.0	16.4#

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#9

Fluorene

Concen: 0.021 ng/ul

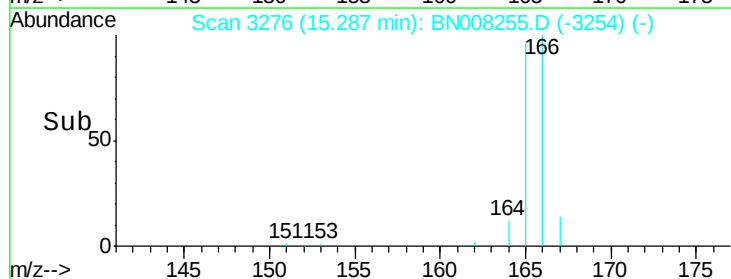
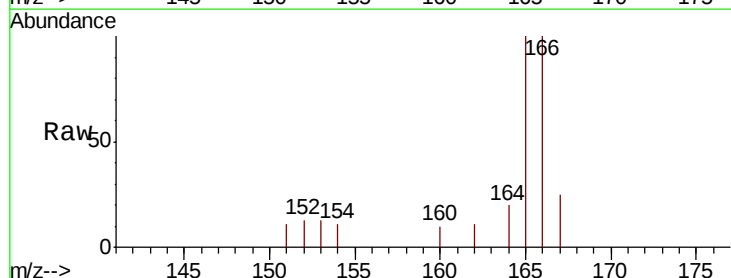
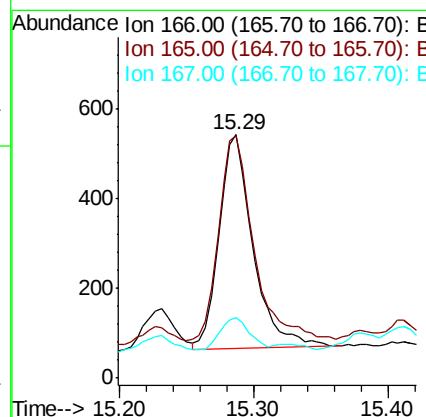
RT: 15.29 min Scan# 3276

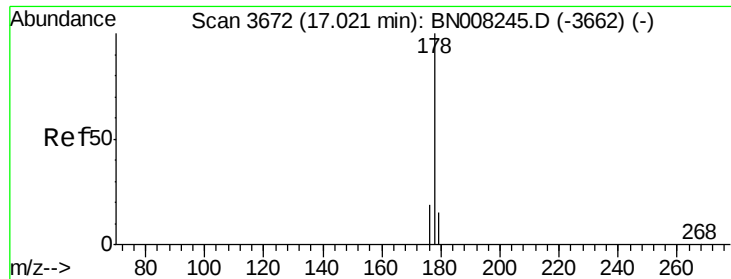
Delta R.T. 0.00 min

Lab File: BN008255.D

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Tgt Ion:	166	Resp:	837
Ion Ratio	Lower	Upper	
166	100		
165	99.8	76.6	115.0
167	24.9	11.7	17.5#





#12

Phenanthrene

Concen: 0.359 ng/ul

RT: 17.02 min Scan# 3671

Delta R.T. -0.00 min

Lab File: BN008255.D

Acq: 18 Oct 2019 19:47

Instrument :

BNA_N

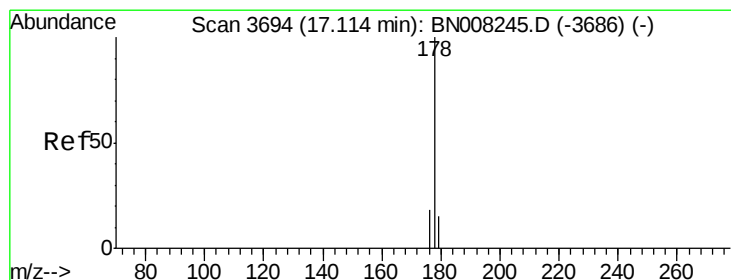
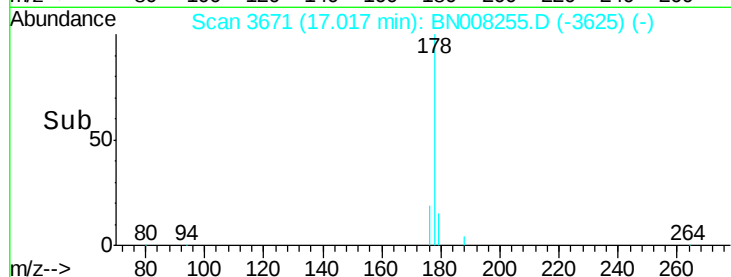
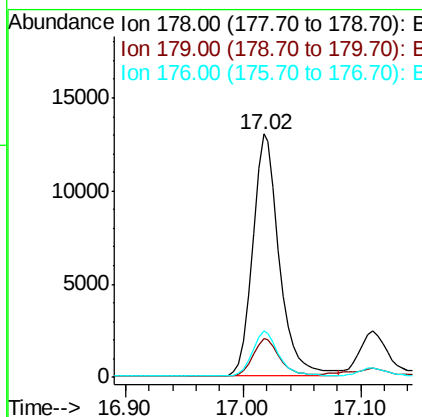
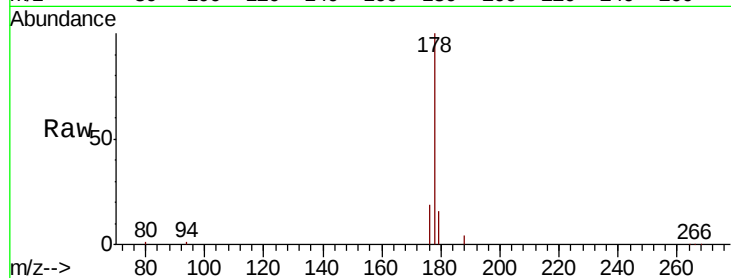
ClientSampleId :

BEPJ4DL

Tot Ion:178	Resp:	20575
Ion Ratio	Lower	Upper
178	100	
179	15.8	12.8 19.2
176	19.1	15.4 23.2

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#13

Anthracene

Concen: 0.072 ng/ul

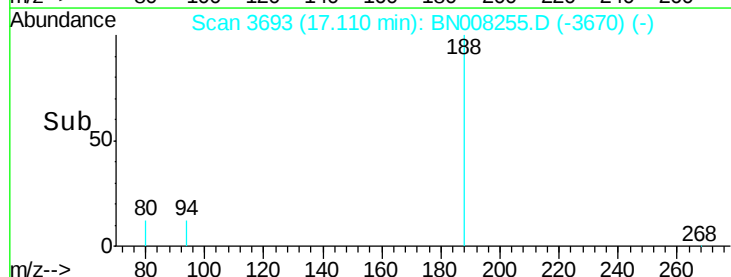
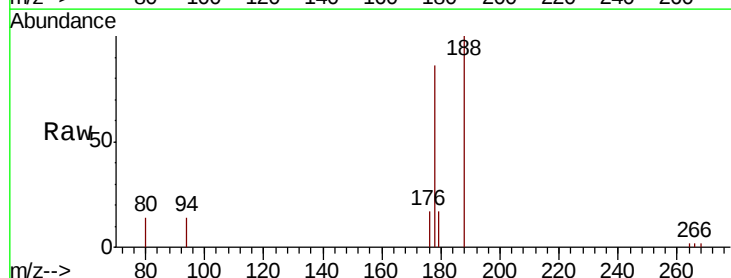
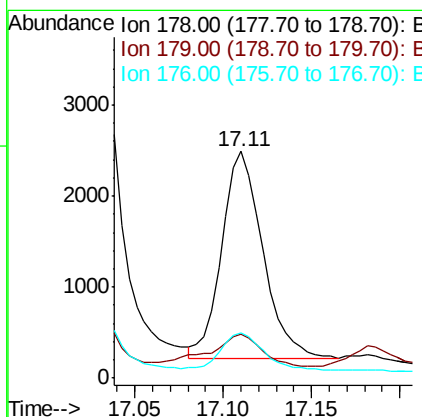
RT: 17.11 min Scan# 3693

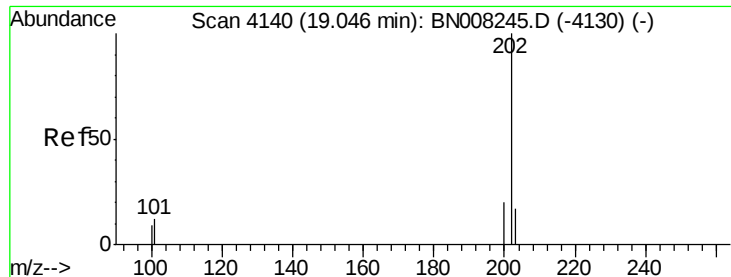
Delta R.T. -0.00 min

Lab File: BN008255.D

Acq: 18 Oct 2019 19:47

Tgt Ion:178	Resp:	3647
Ion Ratio	Lower	Upper
178	100	
179	19.4	13.0 19.6
176	19.7	15.0 22.6





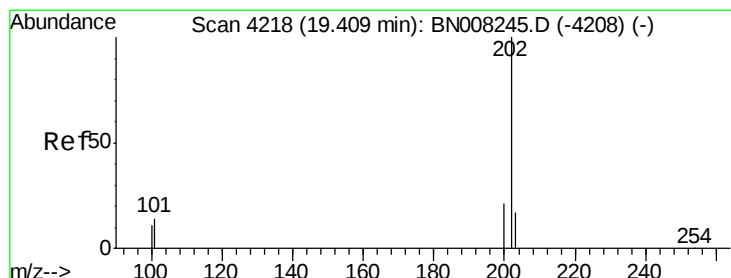
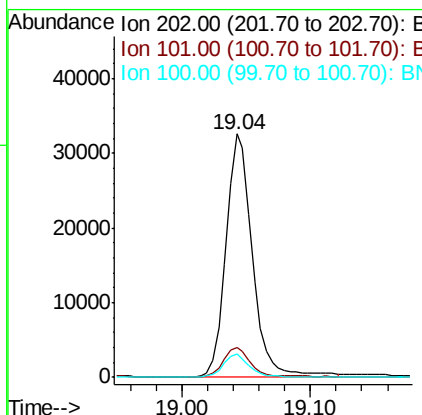
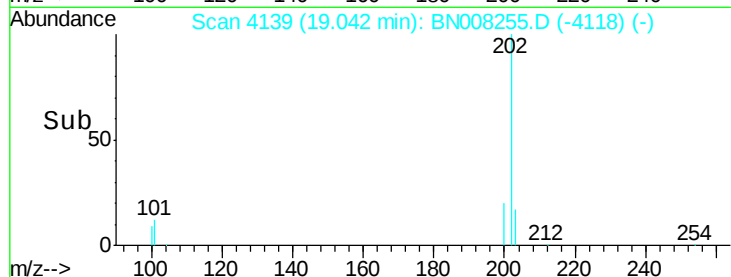
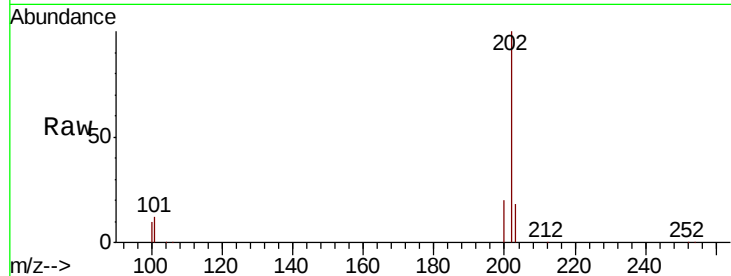
#15
Fluoranthene
 Concen: 0.613 ng/ul
 RT: 19.04 min Scan# 4139
 Delta R.T. -0.00 min
 Lab File: BN008255.D
 Acq: 18 Oct 2019 19:47

Instrument :
 BNA_N
 ClientSampleId :
 BEPJ4DL

Tot Ion	Ratio	Resp	Lower	Upper
202	100	46379		
101	12.4		0.0	31.2
100	9.6		0.0	28.5

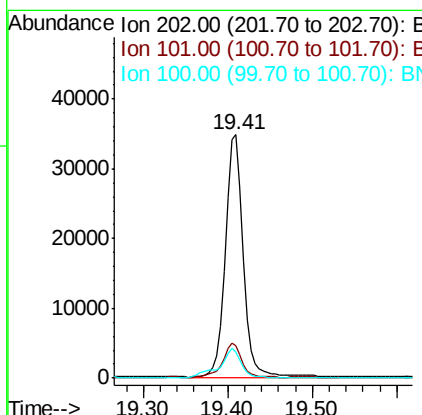
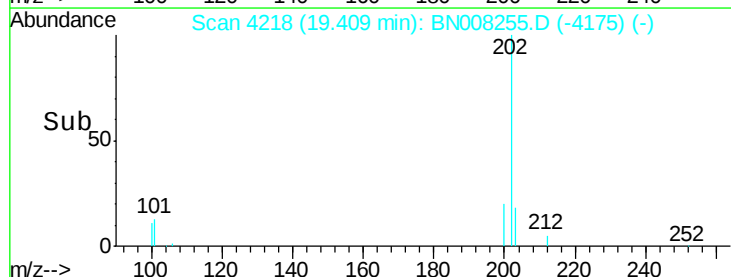
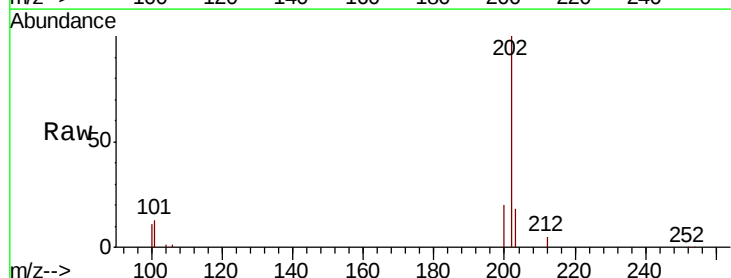
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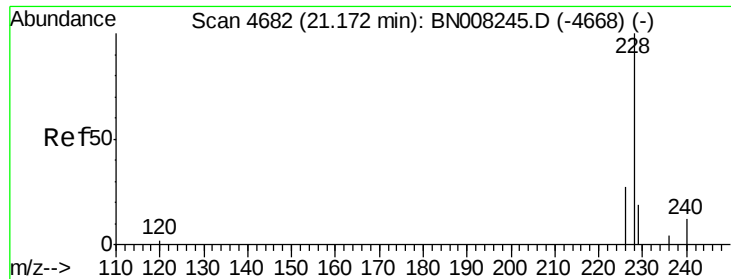
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#17
Pyrene
 Concen: 0.704 ng/ul
 RT: 19.41 min Scan# 4218
 Delta R.T. 0.00 min
 Lab File: BN008255.D
 Acq: 18 Oct 2019 19:47

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	52214		
101	13.5		10.9	16.3
100	10.8		8.7	13.1





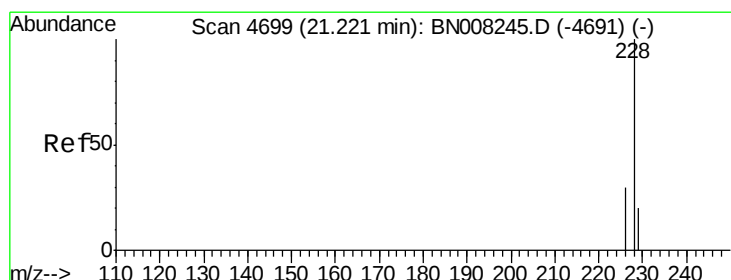
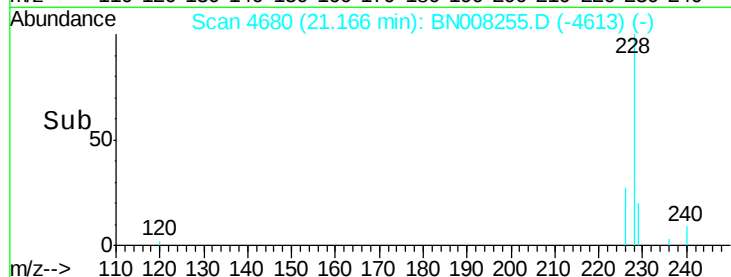
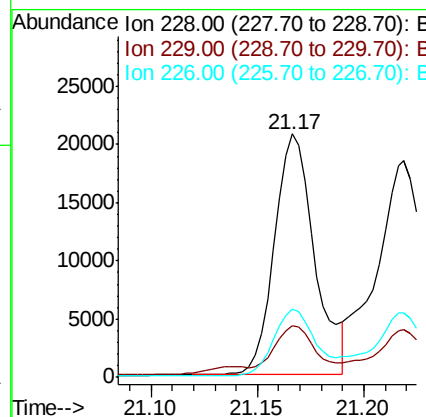
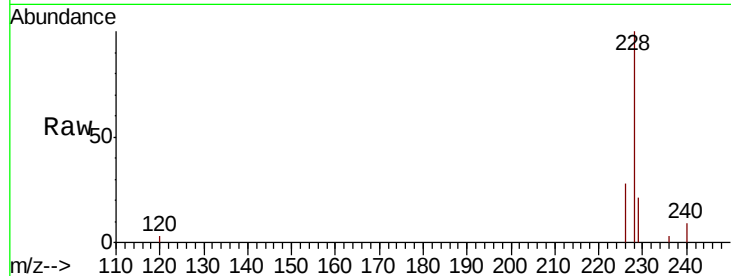
#18
Benzo(a)anthracene
Concen: 0.401 ng/ul
RT: 21.17 min Scan# 4680
Delta R.T. -0.01 min
Lab File: BN008255.D
Acq: 18 Oct 2019 19:47

Instrument :
BNA_N
ClientSampleId :
BEPJ4DL

Tot Ion	Ratio	Lower	Upper
228	100		
229	21.2	16.2	24.2
226	27.9	21.4	32.0

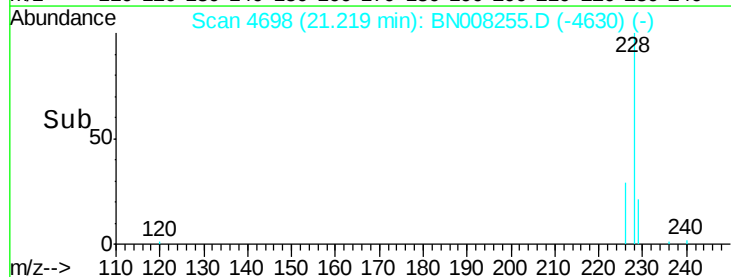
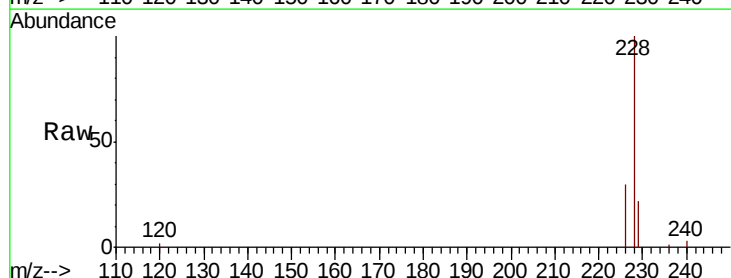
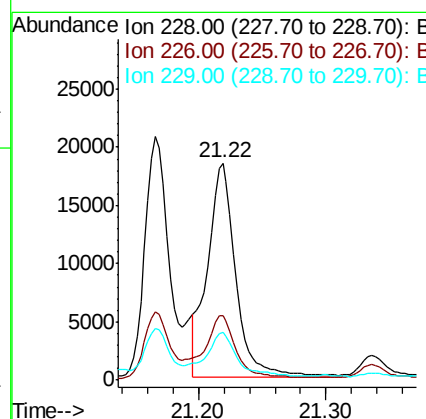
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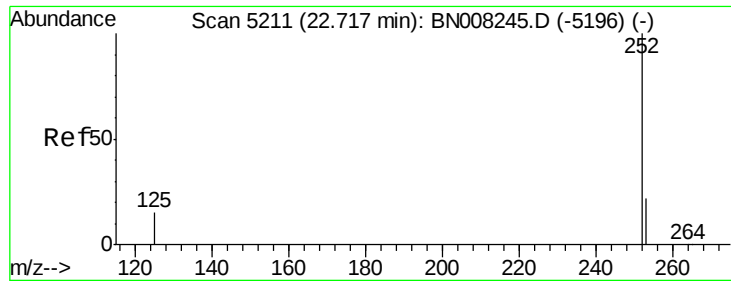
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#19
Chrysene
Concen: 0.347 ng/ul
RT: 21.22 min Scan# 4698
Delta R.T. -0.00 min
Lab File: BN008255.D
Acq: 18 Oct 2019 19:47

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.9	24.1	36.1
229	21.9	16.2	24.2





#21

Benzo(b)fluoranthene

Concen: 0.565 ng/ul m

RT: 22.72 min Scan# 5211

Delta R.T. 0.00 min

Lab File: BN008255.D

Acq: 18 Oct 2019 19:47

Instrument :

BNA_N

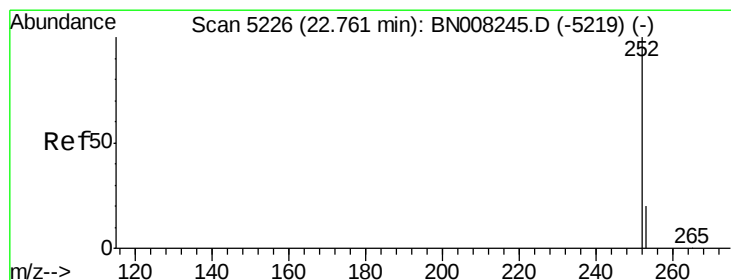
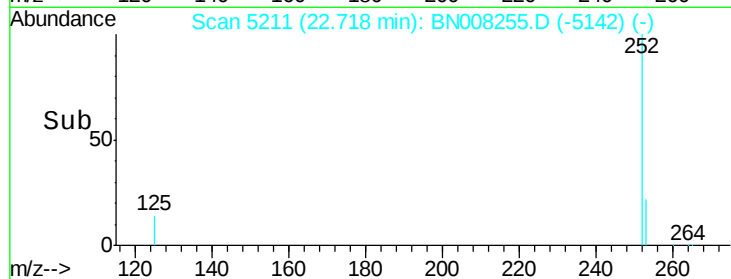
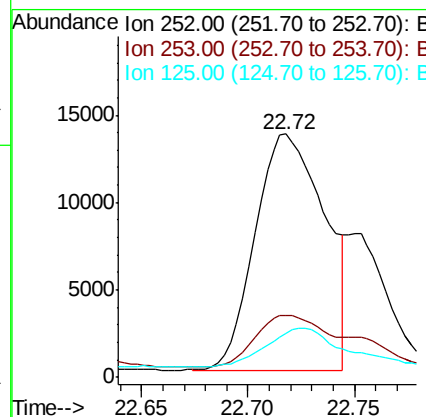
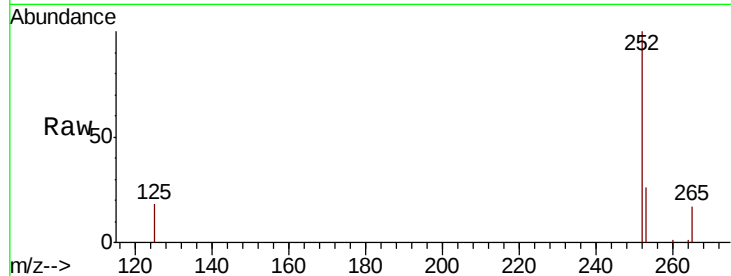
ClientSampleId :

BEPJ4DL

Tot Ion:	252	Resp:	30771
Ion Ratio	Lower	Upper	
252	100		
253	25.6	0.0	53.4
125	18.0	0.0	32.4

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#22

Benzo(k)fluoranthene

Concen: 0.185 ng/ul m

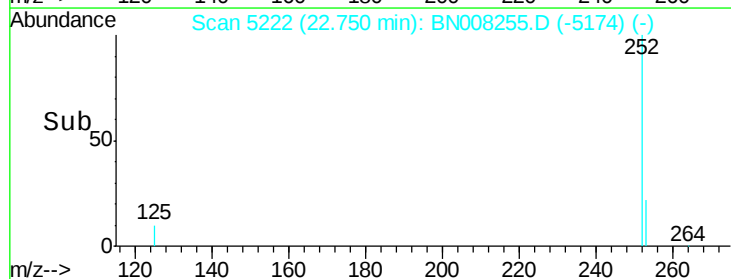
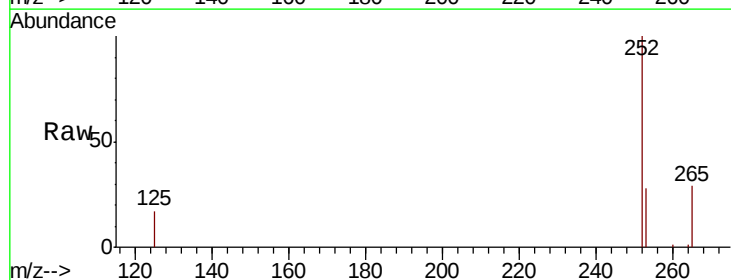
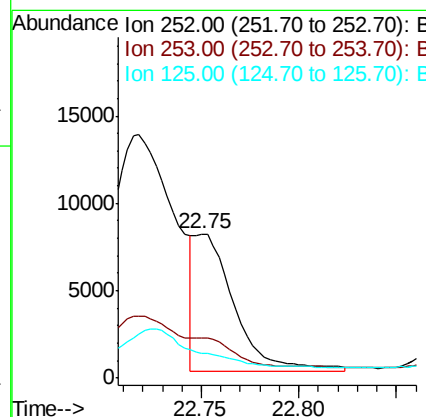
RT: 22.75 min Scan# 5222

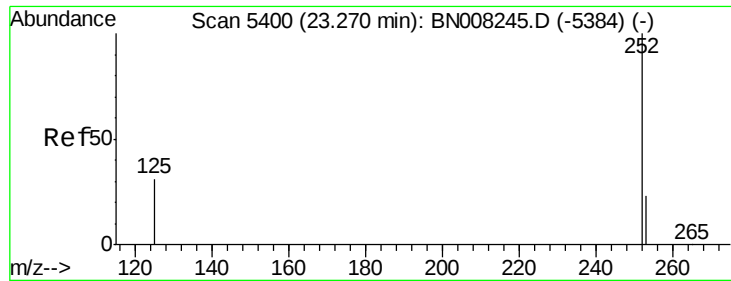
Delta R.T. -0.01 min

Lab File: BN008255.D

Acq: 18 Oct 2019 19:47

Tgt Ion:	252	Resp:	11409
Ion Ratio	Lower	Upper	
252	100		
253	28.1	21.3	31.9
125	17.0	12.3	18.5





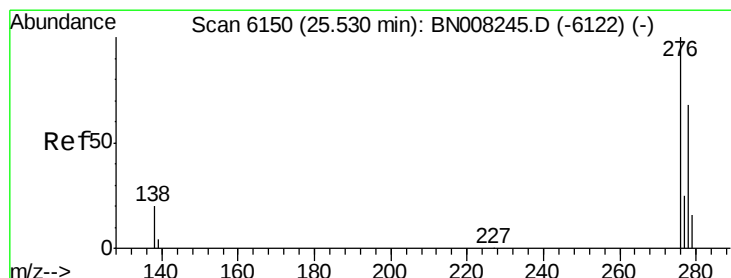
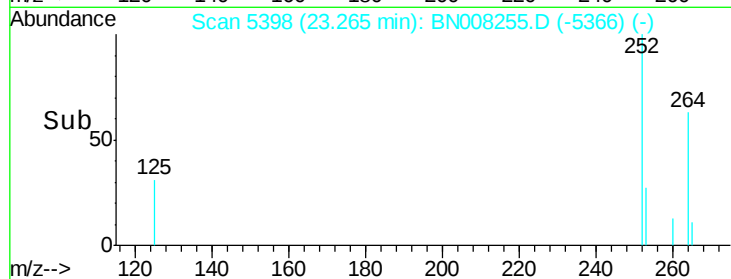
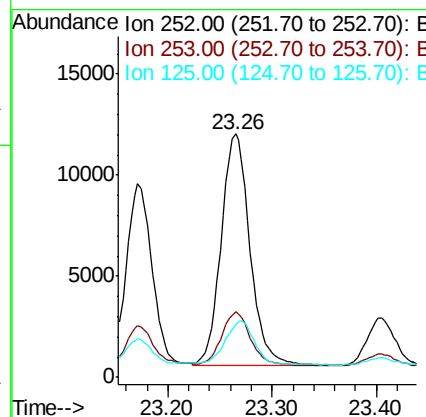
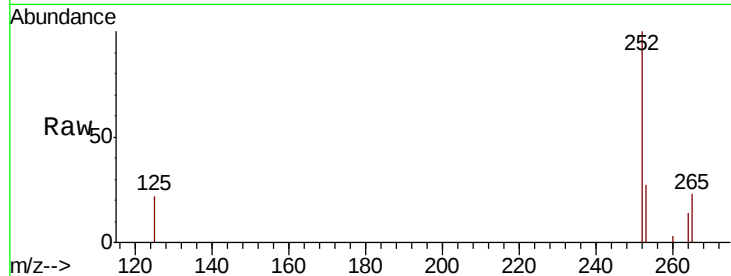
#23
Benzo(a)pyrene
Concen: 0.385 ng/u1
RT: 23.26 min Scan# 5398
Delta R.T. -0.01 min
Lab File: BN008255.D
Acq: 18 Oct 2019 19:47

Instrument :
BNA_N
ClientSampleId :
BEPJ4DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	26.9	22.8	34.2
125	22.0	18.4	27.6

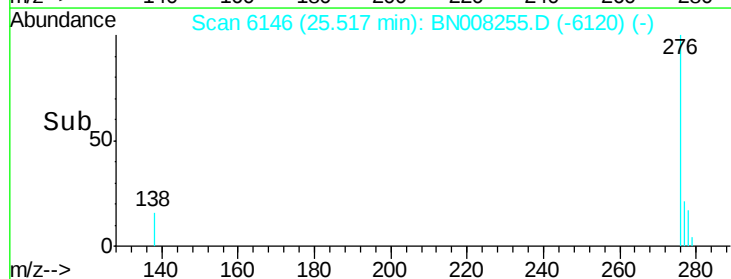
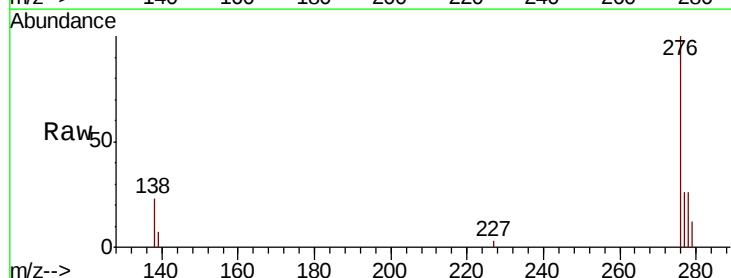
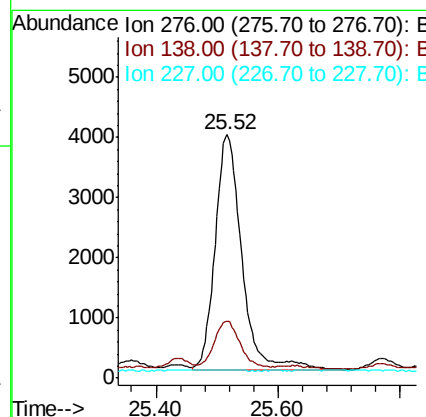
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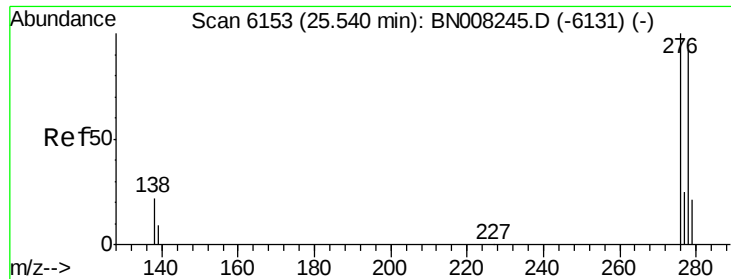
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#24
Indeno(1,2,3-cd)pyrene
Concen: 0.175 ng/u1
RT: 25.52 min Scan# 6146
Delta R.T. -0.01 min
Lab File: BN008255.D
Acq: 18 Oct 2019 19:47

Tgt Ion	Ratio	Lower	Upper
276	100		
138	18.3	16.1	24.1
227	0.0	0.2	0.2#





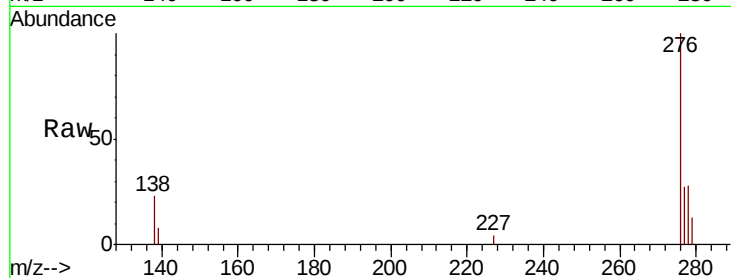
#25
Dibenzo(a,h)anthracene
Concen: 0.053 ng/u1
RT: 25.52 min Scan# 6148
Delta R.T. -0.02 min
Lab File: BN008255.D
Acq: 18 Oct 2019 19:47

Instrument :
BNA_N
ClientSampleId :
BEPJ4DL

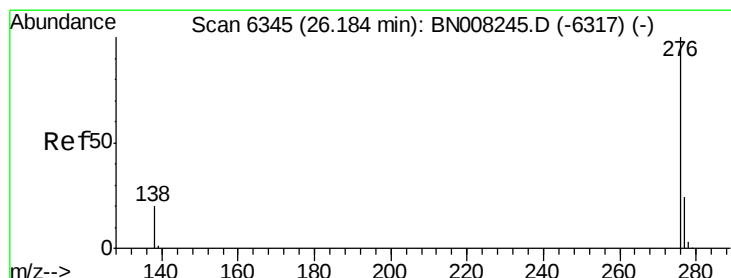
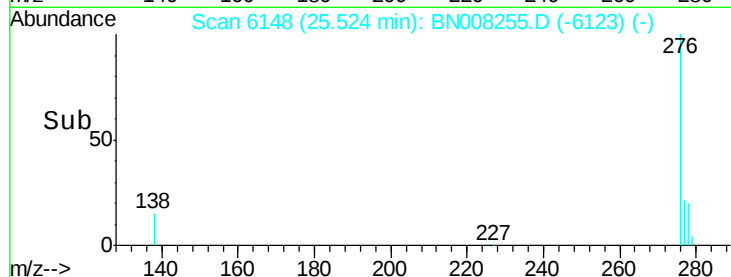
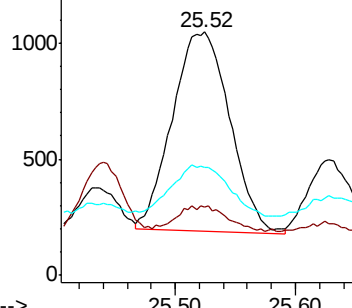
Tot Ion	Ratio	Lower	Upper
278	100		
139	28.1	15.0	22.6#
279	44.2	22.4	33.6#

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Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#26
Benzo(g,h,i)perylene
Concen: 0.187 ng/u1
RT: 26.17 min Scan# 6342
Delta R.T. -0.01 min
Lab File: BN008255.D
Acq: 18 Oct 2019 19:47

Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.4	17.0	25.4
277	26.7	20.4	30.6

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

