

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN102119\
 Data File : BN008291.D
 Acq On : 21 Oct 2019 20:02
 Operator : JU
 Sample : K5178-22DL 10X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BEPJ4DL

Manual Integrations
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mohammad
 10/22/2019 3:27:45 PM

Quant Time: Oct 22 00:27:10 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	7.59	152	2037	0.40	ng/ul	0.00
2) Naphthalene-d8	10.36	136	9221	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.22	164	5776	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.97	188	12025	0.40	ng/ul	0.00
16) Chrysene-d12	21.18	240	12001	0.40	ng/ul	0.00
20) Perylene-d12	23.35	264	10033	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.96	152	418	0.03	ng/ul	0.00
14) Fluoranthene-d10	19.01	212	1349	0.03	ng/ul	0.00
Target Compounds				Ovalue		
7) Acenaphthylene	13.94	152	1191	0.043	ng/ul#	84
8) Acenaphthene	14.29	153	552	0.026	ng/ul#	94
9) Fluorene	15.28	166	682	0.028	ng/ul#	91
12) Phenanthrene	17.01	178	16348	0.464	ng/ul	100
13) Anthracene	17.11	178	3343	0.108	ng/ul	95
15) Fluoranthene	19.04	202	37804	0.813	ng/ul	96
17) Pyrene	19.40	202	42965	0.899	ng/ul	99
18) Benzo(a)anthracene	21.16	228	21936	0.503	ng/ul	97
19) Chrysene	21.22	228	23684	0.442	ng/ul	98
21) Benzo(b)fluoranthene	22.71	252	24177m	0.740	ng/ul	
22) Benzo(k)fluoranthene	22.75	252	8171m	0.221	ng/ul	
23) Benzo(a)pyrene	23.26	252	17635	0.513	ng/ul	97
24) Indeno(1,2,3-cd)pyrene	25.51	276	9438	0.233	ng/ul#	95
25) Dibenzo(a,h)anthracene	25.51	278	2222	0.069	ng/ul#	70
26) Benzo(g,h,i)perylene	26.16	276	9256	0.249	ng/ul	96

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

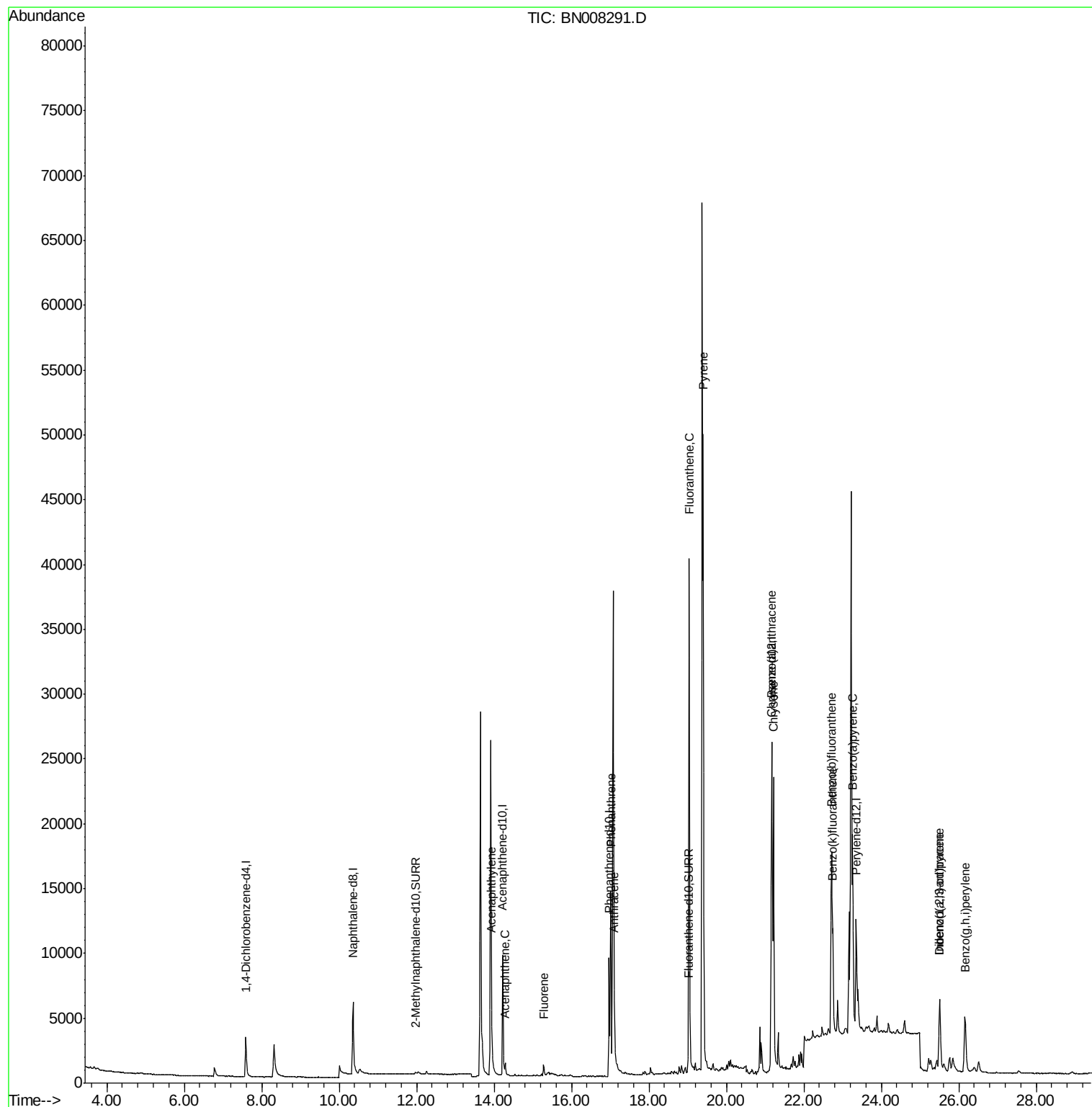
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN102119\
Data File : BN008291.D
Acq On : 21 Oct 2019 20:02
Operator : JU
Sample : K5178-22DL 10X
Misc :
ALS Vial : 19 Sample Multiplier: 1

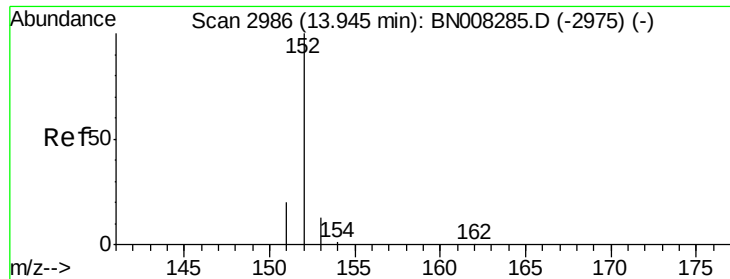
Instrument :
BNA_N
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Quant Time: Oct 22 00:27:10 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 21 23:58:15 2019
Response via : Initial Calibration





#7

Acenaphthylene

Concen: 0.043 ng/ul

RT: 13.94 min Scan# 2985

Delta R.T. -0.00 min

Lab File: BN008291.D

Acq: 21 Oct 2019 20:02

Instrument :

BNA_N

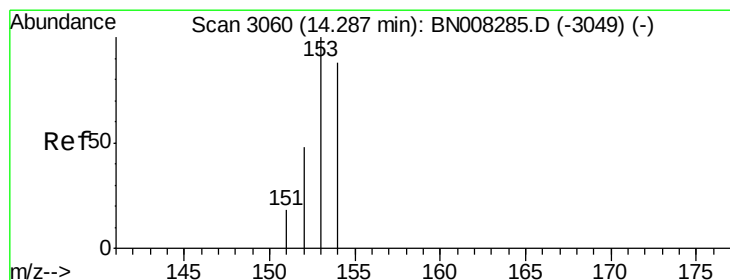
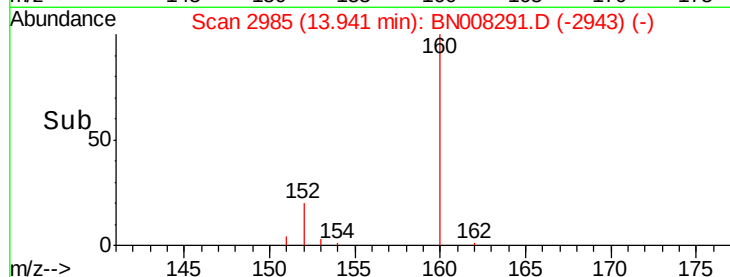
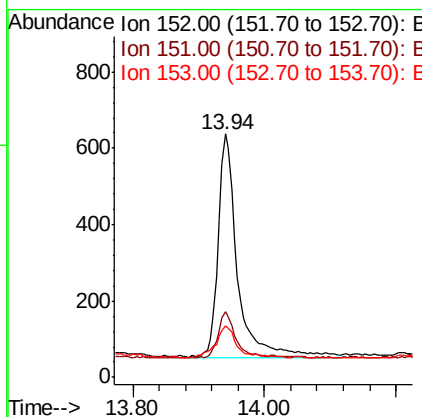
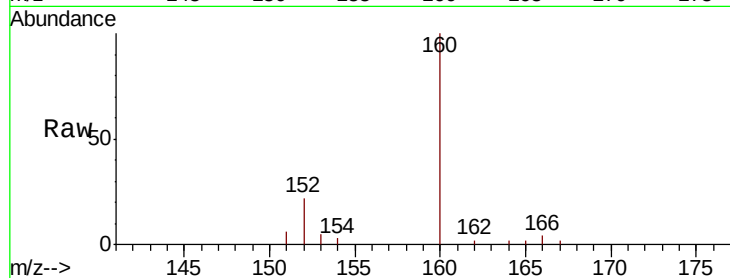
ClientSampleId :

BEPJ4DL

Tot Ion:	152	Resp:	1191
Ion Ratio	Lower	Upper	
152	100		
151	26.8	16.2	24.4#
153	21.2	11.0	16.4#

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#8

Acenaphthene

Concen: 0.026 ng/ul

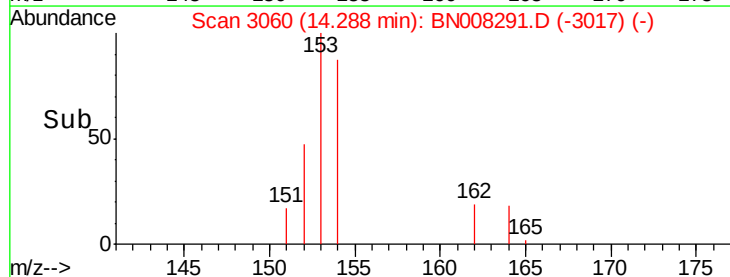
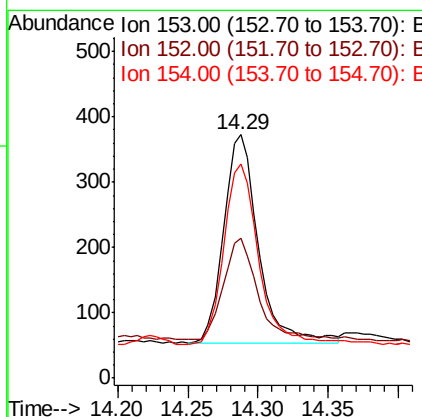
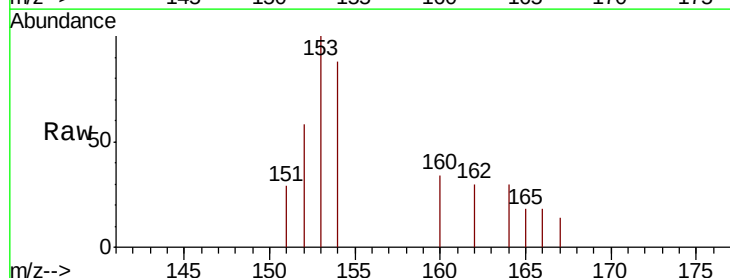
RT: 14.29 min Scan# 3060

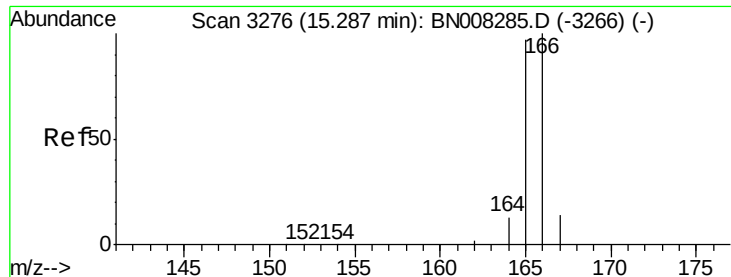
Delta R.T. 0.00 min

Lab File: BN008291.D

Acq: 21 Oct 2019 20:02

Tgt Ion:	153	Resp:	552
Ion Ratio	Lower	Upper	
153	100		
152	57.6	38.2	57.2#
154	88.2	71.8	107.8





#9

Fluorene

Concen: 0.028 ng/ul

RT: 15.28 min Scan# 3275

Delta R.T. 0.00 min

Lab File: BN008291.D

Acq: 21 Oct 2019 20:02

Instrument :

BNA_N

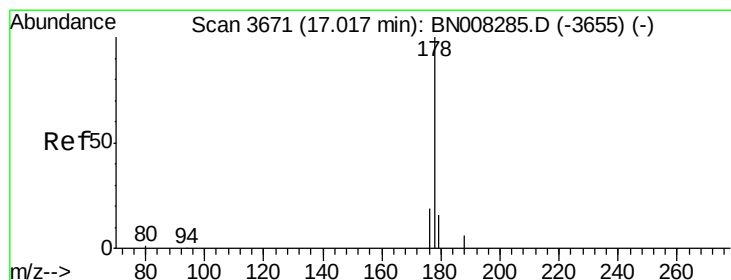
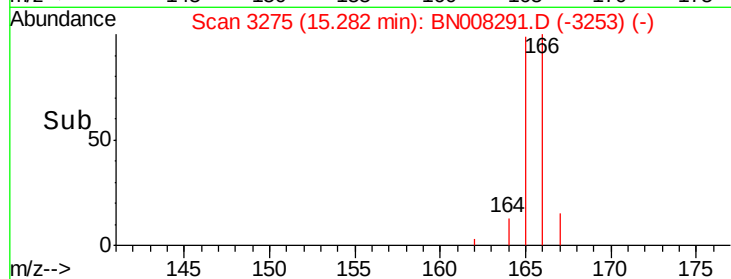
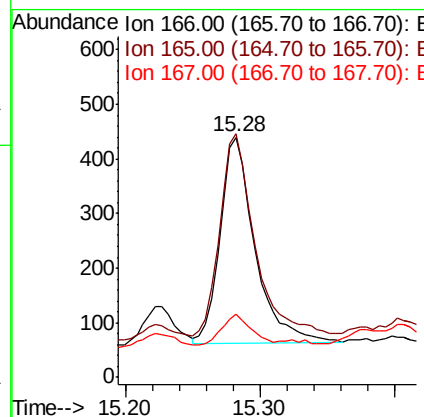
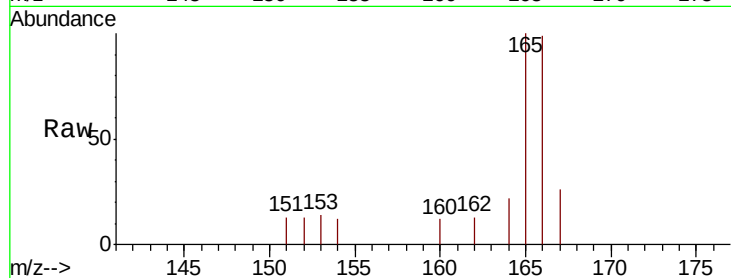
ClientSampleId :

BEPJ4DL

Tot Ion	Ratio	Lower	Upper
166	100		
165	101.4	76.6	115.0
167	26.4	11.7	17.5

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#12

Phenanthrene

Concen: 0.464 ng/ul

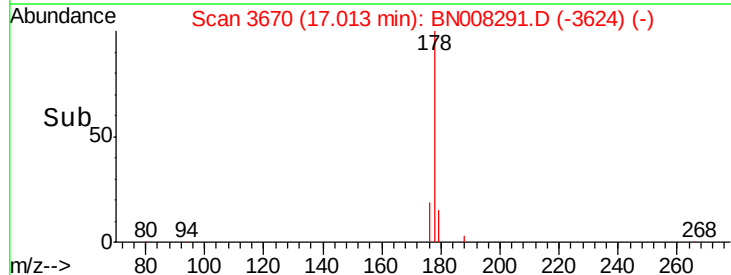
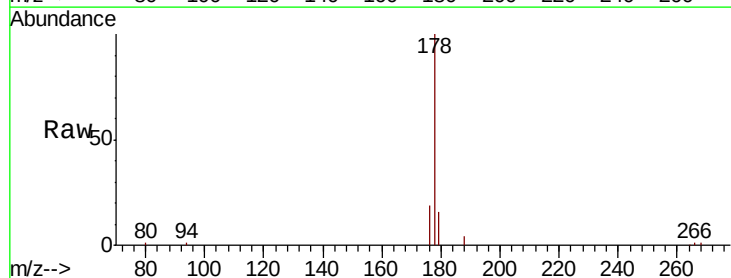
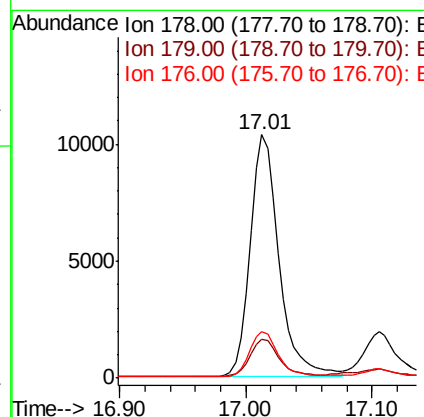
RT: 17.01 min Scan# 3670

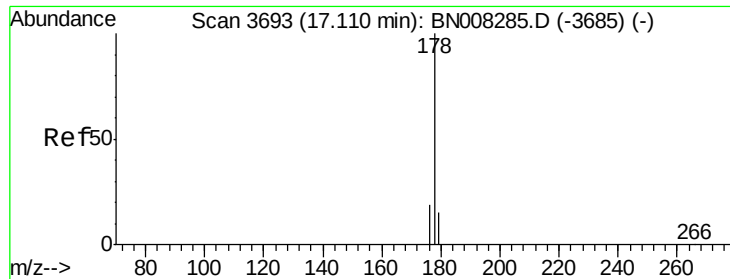
Delta R.T. -0.00 min

Lab File: BN008291.D

Acq: 21 Oct 2019 20:02

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.9	12.8	19.2
176	19.1	15.4	23.2





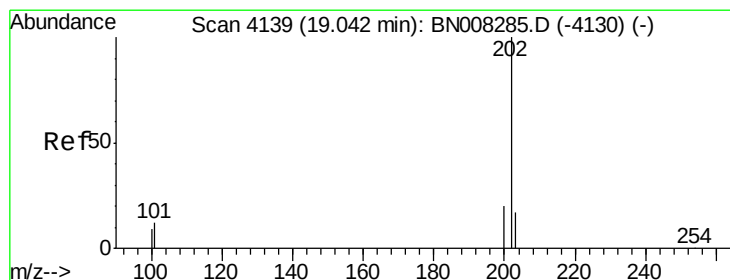
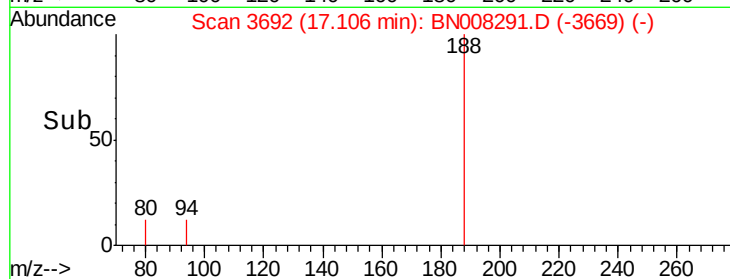
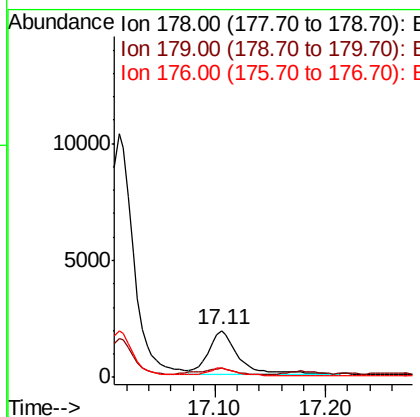
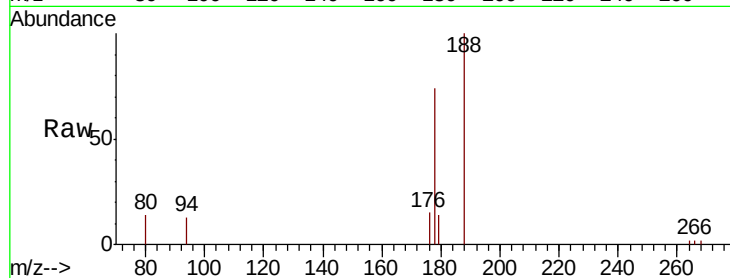
#13
 Anthracene
 Concen: 0.108 ng/ul
 RT: 17.11 min Scan# 3692
 Delta R.T. -0.00 min
 Lab File: BN008291.D
 Acq: 21 Oct 2019 20:02

Instrument :
 BNA_N
 ClientSampleId :
 BEPJ4DL

Tot Ion	Ratio	Lower	Upper
178	100		
179	18.9	13.0	19.6
176	20.6	15.0	22.6

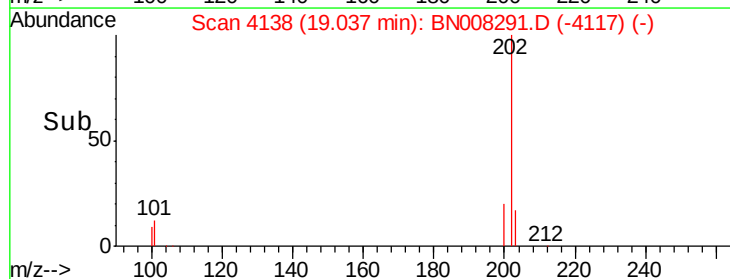
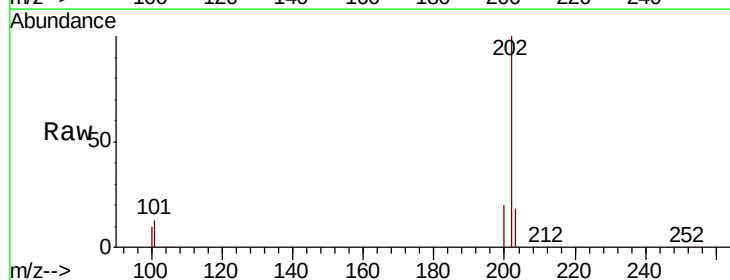
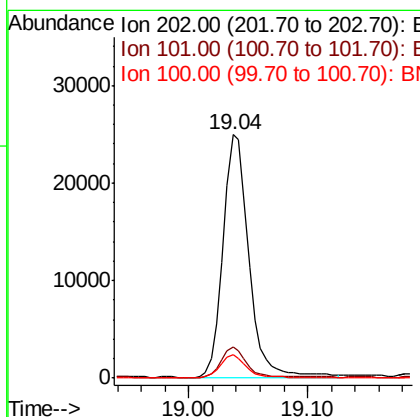
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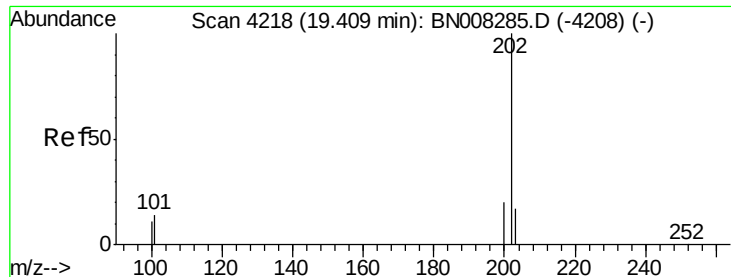
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#15
 Fluoranthene
 Concen: 0.813 ng/ul
 RT: 19.04 min Scan# 4138
 Delta R.T. -0.00 min
 Lab File: BN008291.D
 Acq: 21 Oct 2019 20:02

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.7	0.0	31.2
100	9.7	0.0	28.5





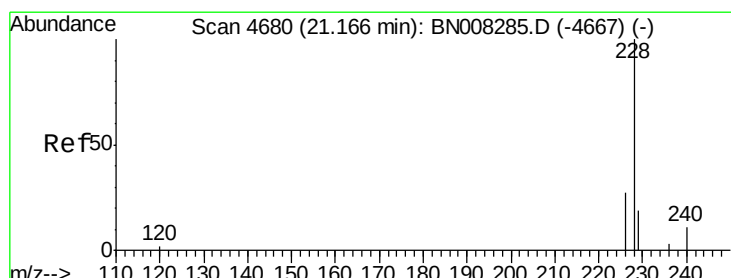
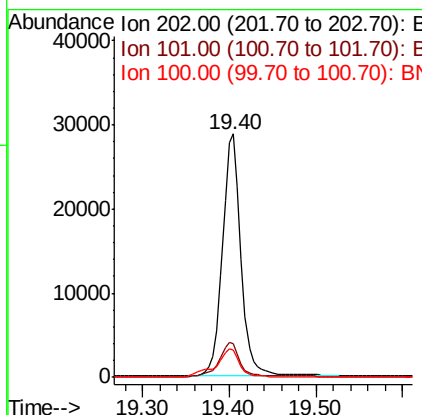
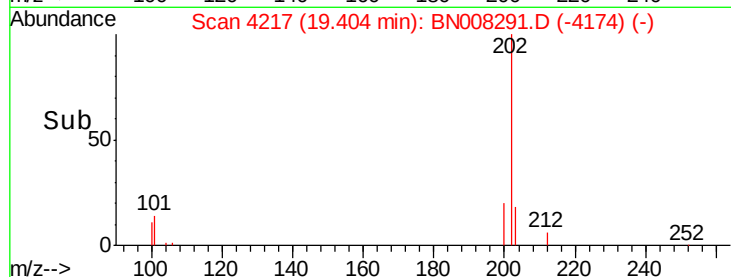
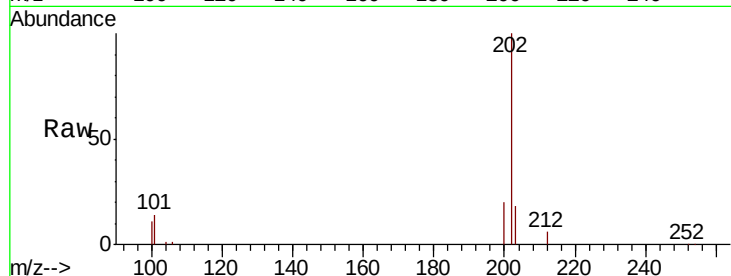
#17
 Pyrene
 Concen: 0.899 ng/ul
 RT: 19.40 min Scan# 4217
 Delta R.T. 0.00 min
 Lab File: BN008291.D
 Acq: 21 Oct 2019 20:02

Instrument :
 BNA_N
 ClientSampleId :
 BEPJ4DL

Tot Ion	Ratio	Resp	Lower	Upper
202	100	42965		
101	13.7		10.9	16.3
100	11.2		8.7	13.1

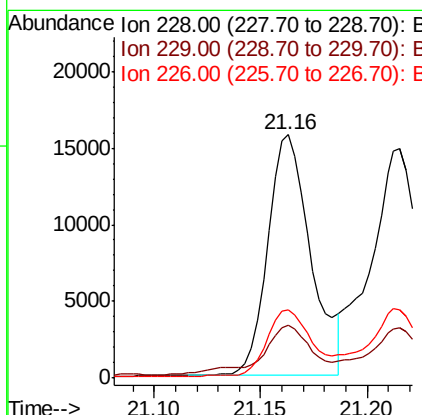
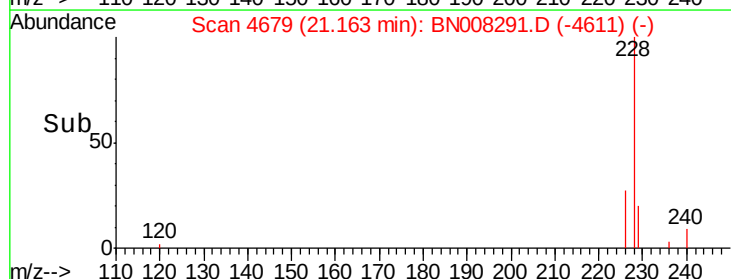
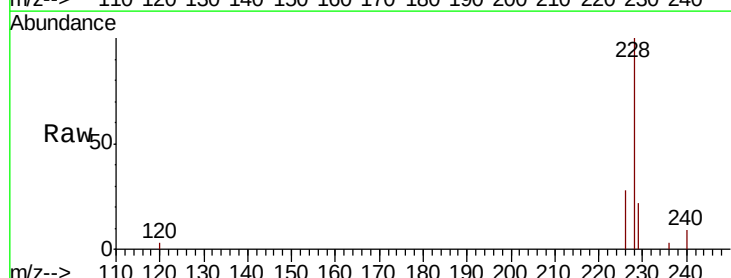
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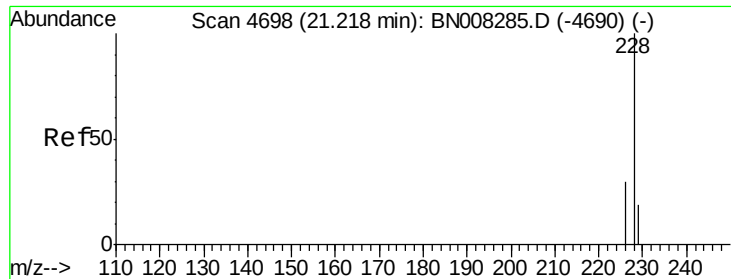
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#18
 Benzo(a)anthracene
 Concen: 0.503 ng/ul
 RT: 21.16 min Scan# 4679
 Delta R.T. -0.00 min
 Lab File: BN008291.D
 Acq: 21 Oct 2019 20:02

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	21936		
229	21.7		16.2	24.2
226	28.1		21.4	32.0





#19

Chrysene

Concen: 0.442 ng/ul

RT: 21.22 min Scan# 4697

Delta R.T. 0.00 min

Lab File: BN008291.D

Acq: 21 Oct 2019 20:02

Instrument :

BNA_N

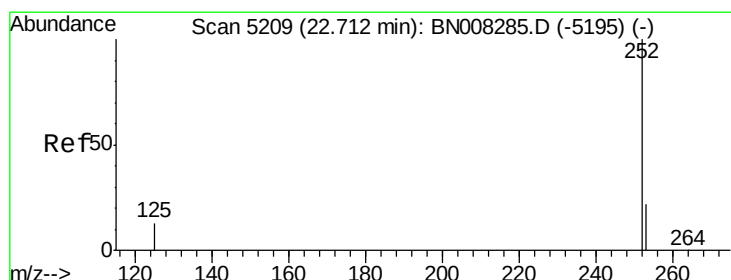
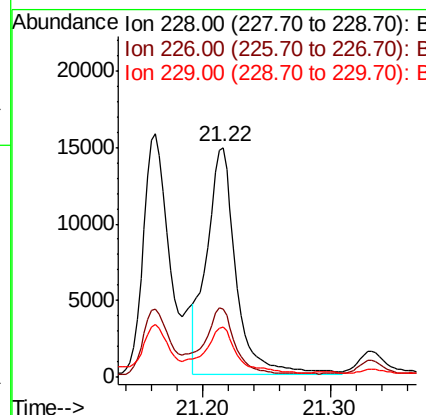
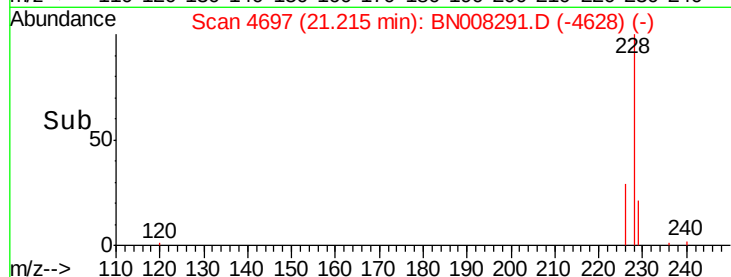
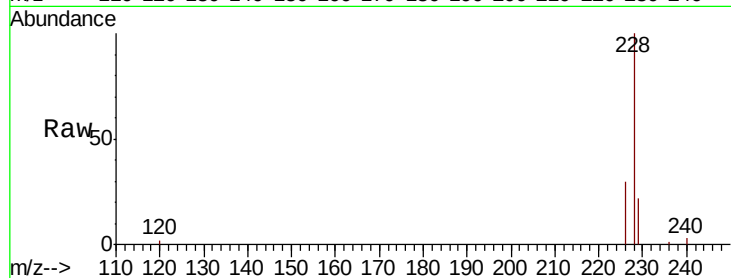
ClientSampleId :

BEPJ4DL

Tot Ion:	228	Resp:	23684
Ion	Ratio	Lower	Upper
228	100		
226	30.0	24.1	36.1
229	21.9	16.2	24.2

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#21

Benzo(b)fluoranthene

Concen: 0.740 ng/ul m

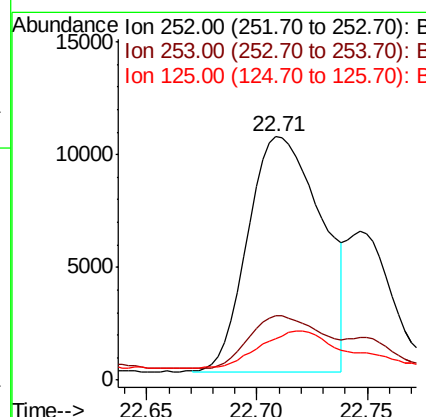
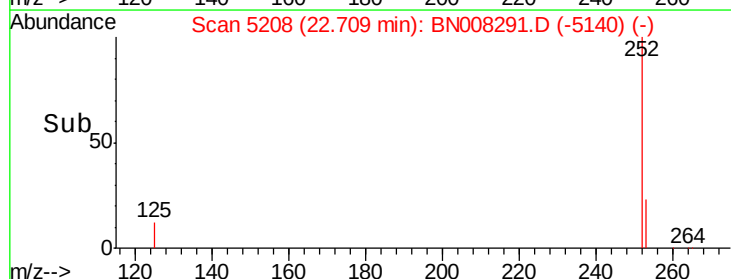
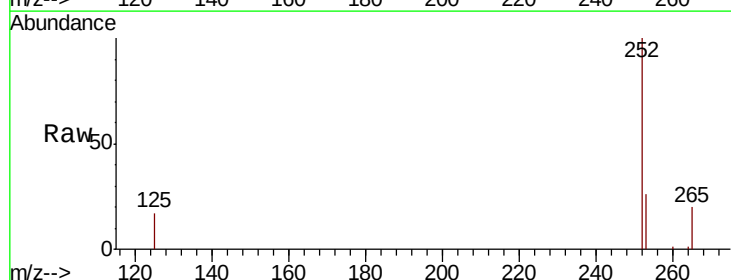
RT: 22.71 min Scan# 5208

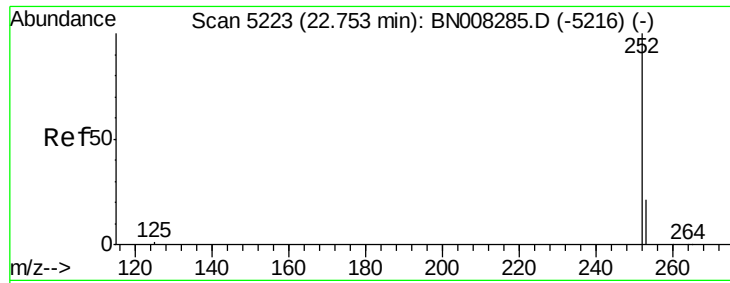
Delta R.T. 0.00 min

Lab File: BN008291.D

Acq: 21 Oct 2019 20:02

Tgt Ion:	252	Resp:	24177
Ion	Ratio	Lower	Upper
252	100		
253	26.5	0.0	53.4
125	16.9	0.0	32.4





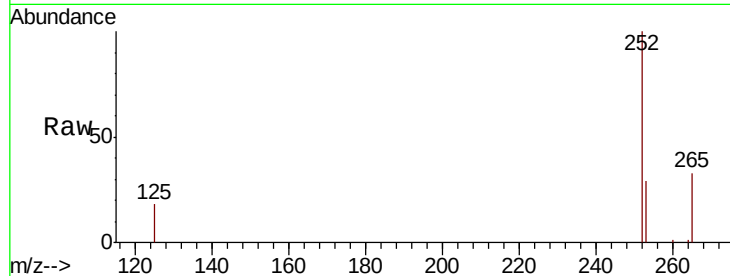
#22
Benzo(k)fluoranthene
Concen: 0.221 ng/ul m
RT: 22.75 min Scan# 5221
Delta R.T. -0.01 min
Lab File: BN008291.D
Acq: 21 Oct 2019 20:02

Instrument :
BNA_N
ClientSampled :
BEPJ4DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	28.7	21.3	31.9
125	18.3	12.3	18.5

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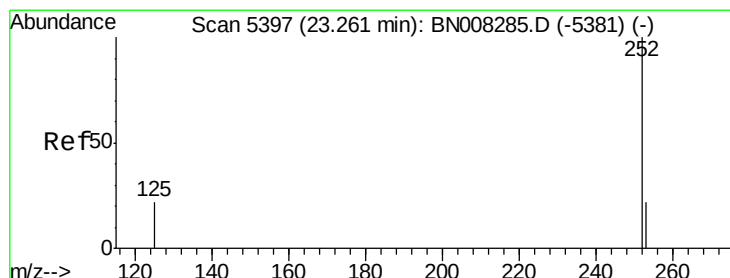
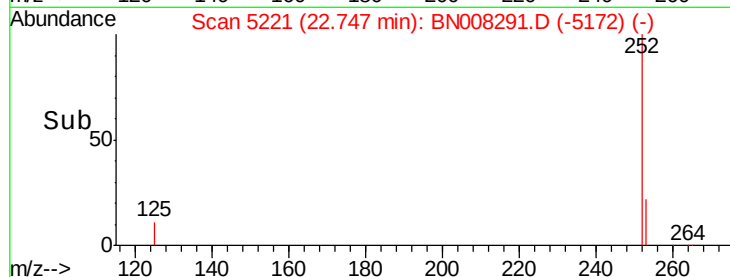
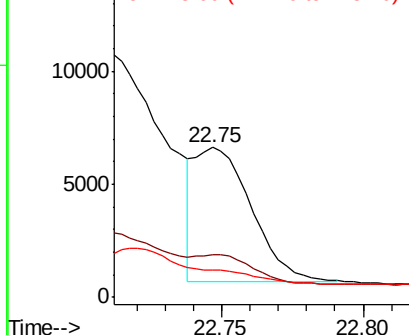


Abundance

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: 0.513 ng/ul
RT: 23.26 min Scan# 5396
Delta R.T. -0.00 min
Lab File: BN008291.D
Acq: 21 Oct 2019 20:02

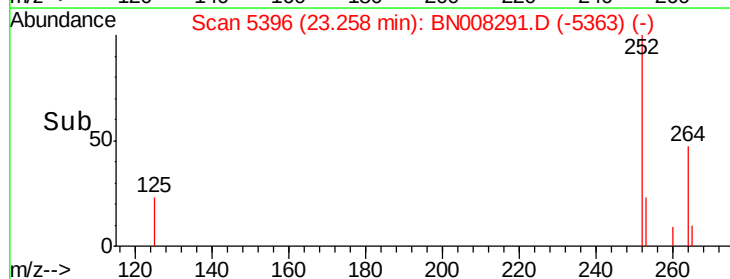
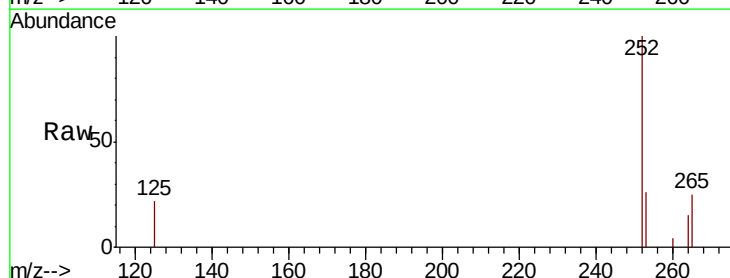
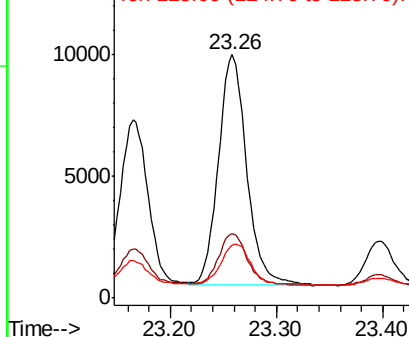
Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.2	22.8	34.2
125	21.9	18.4	27.6

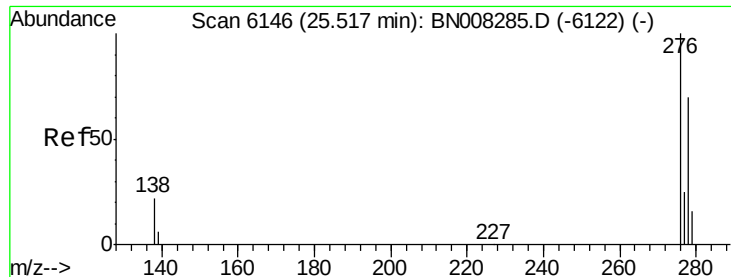
Abundance

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





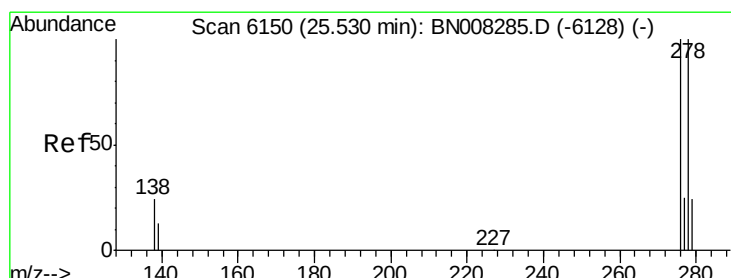
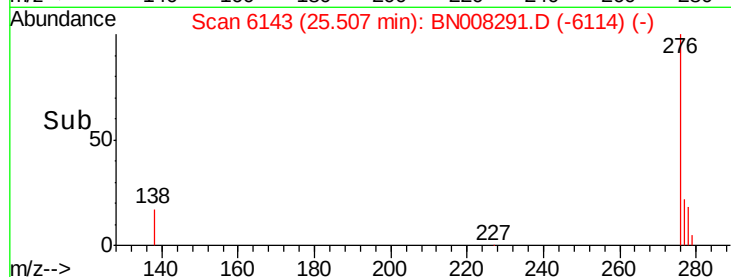
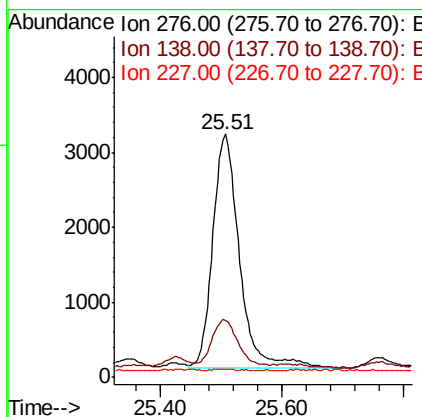
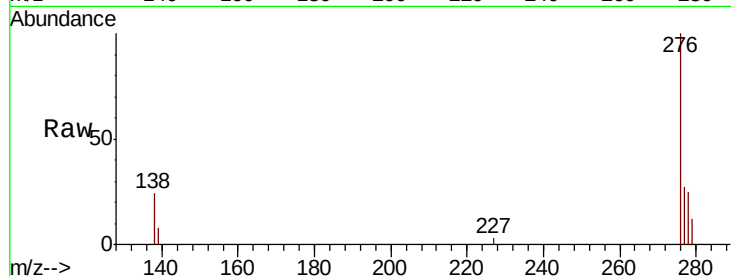
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.233 ng/ul
 RT: 25.51 min Scan# 6143
 Delta R.T. -0.00 min
 Lab File: BN008291.D
 Acq: 21 Oct 2019 20:02

Instrument :
 BNA_N
 ClientSampleId :
 BEPJ4DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	17.7	16.1	24.1
227	0.1	0.2	0.2#

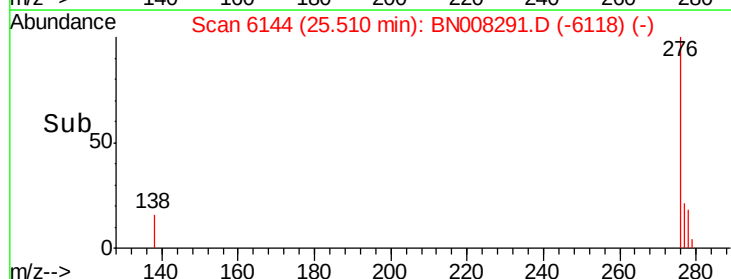
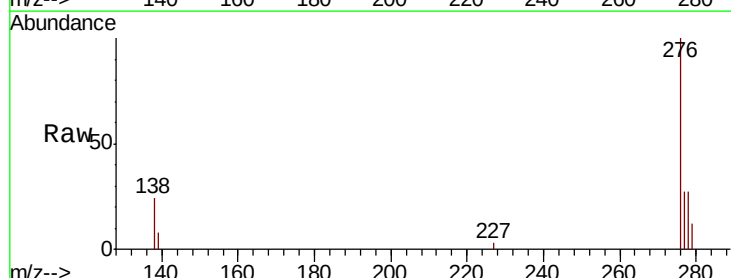
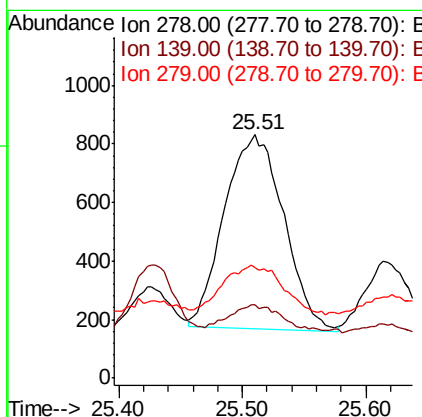
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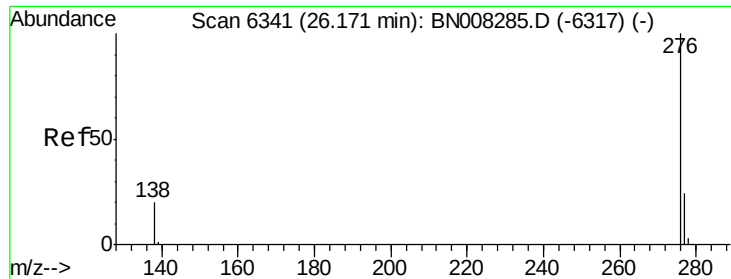
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#25
 Dibenzo(a,h)anthracene
 Concen: 0.069 ng/ul
 RT: 25.51 min Scan# 6144
 Delta R.T. -0.01 min
 Lab File: BN008291.D
 Acq: 21 Oct 2019 20:02

Tgt Ion	Ratio	Lower	Upper
278	100		
139	30.3	15.0	22.6#
279	45.4	22.4	33.6#





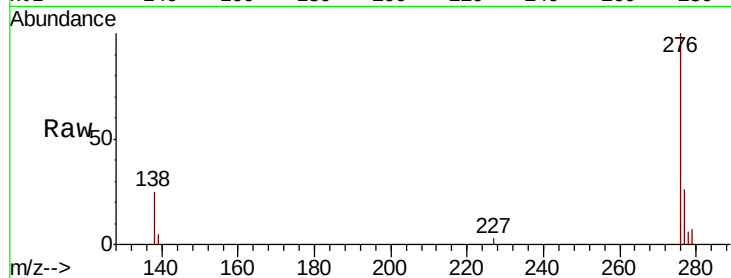
#26
 Benzo(a,h,i)perylene
 Concen: 0.249 ng/ul
 RT: 26.16 min Scan# 6338
 Delta R.T. -0.01 min
 Lab File: BN008291.D
 Acq: 21 Oct 2019 20:02

Instrument :
 BNA_N
 ClientSampleId :
 BEPJ4DL

Tot Ion:	276	Resp:	9256
Ion Ratio	Lower	Upper	
276	100		
138	24.6	17.0	25.4
277	26.4	20.4	30.6

Manual Integrations
 APPROVED

mohammad
 10/22/2019 3:27:45 PM



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

