

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN102219\
 Data File : BN008361.D
 Acq On : 23 Oct 2019 22:07
 Operator : JU
 Sample : K5223-18DL 5X
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BEPA6DL

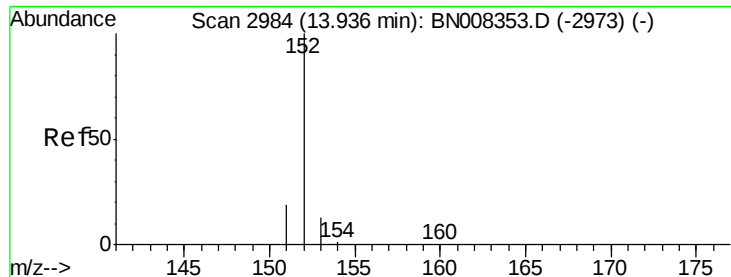
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Quant Time: Oct 24 02:12:06 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN101019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 23 14:07:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	1727	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.35	136	8323	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.21	164	5315	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.96	188	11137	0.40	ng/ul	-0.01
16) Chrysene-d12	21.17	240	9330	0.40	ng/ul	-0.01
20) Perylene-d12	23.34	264	7519	0.40	ng/ul	-0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.96	152	585	0.04	ng/ul	0.00
14) Fluoranthene-d10	19.00	212	1805	0.05	ng/ul	-0.01
Target Compounds				Qvalue		
7) Acenaphthylene	13.93	152	919	0.036	ng/ul#	81
12) Phenanthrene	17.00	178	8585	0.263	ng/ul	99
13) Anthracene	17.09	178	1887	0.066	ng/ul#	87
15) Fluoranthene	19.03	202	24284	0.564	ng/ul	96
17) Pyrene	19.39	202	25585	0.689	ng/ul	96
18) Benzo(a)anthracene	21.15	228	13240	0.390	ng/ul	96
19) Chrysene	21.20	228	12879	0.309	ng/ul	99
21) Benzo(b)fluoranthene	22.70	252	14956m	0.611	ng/ul	
22) Benzo(k)fluoranthene	22.74	252	4810m	0.173	ng/ul	
23) Benzo(a)pyrene	23.24	252	9772	0.379	ng/ul#	95
24) Indeno(1,2,3-cd)pyrene	25.49	276	6162	0.203	ng/ul#	96
25) Dibenzo(a,h)anthracene	25.49	278	1331	0.056	ng/ul#	59
26) Benzo(g,h,i)perylene	26.14	276	5167	0.186	ng/ul#	93

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



#7

Acenaphthylene

Concen: 0.036 ng/ul

RT: 13.93 min Scan# 2983

Delta R.T. -0.01 min

Lab File: BN008361.D

Acq: 23 Oct 2019 22:07

Instrument :

BNA_N

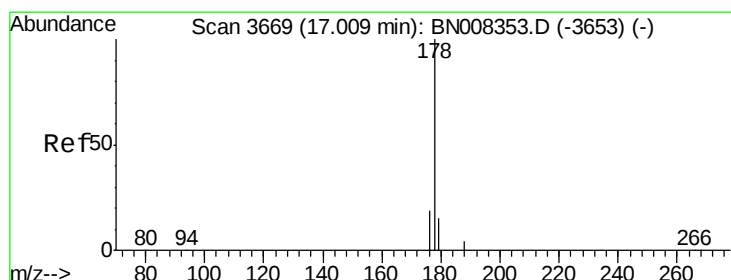
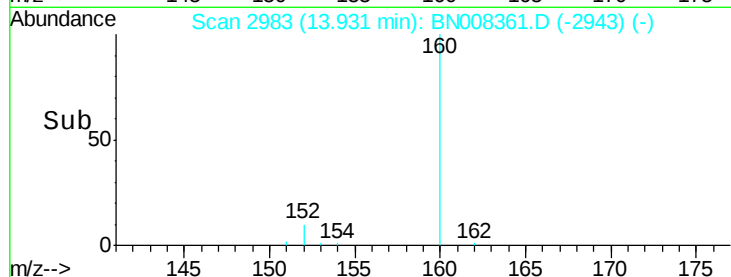
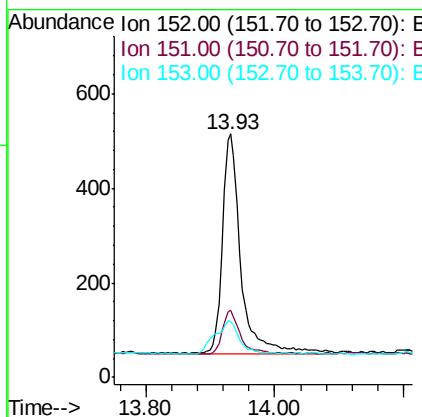
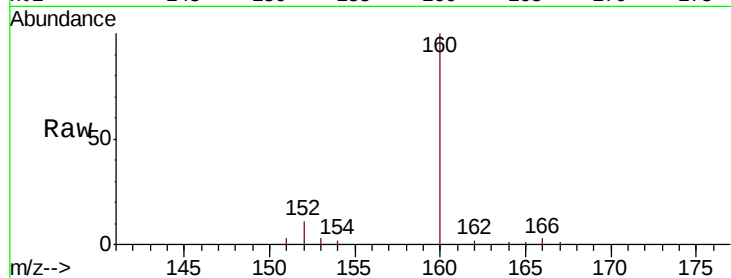
ClientSampleId :

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Tgt Ion:	152	Resp:	919
Ion Ratio	Lower	Upper	
152	100		
151	27.6	16.2	24.4#
153	22.9	11.0	16.4#

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#12

Phenanthrene

Concen: 0.263 ng/ul

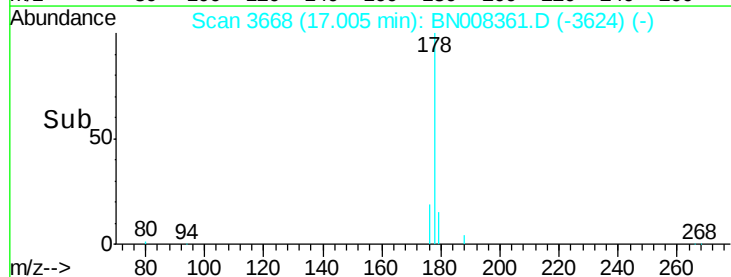
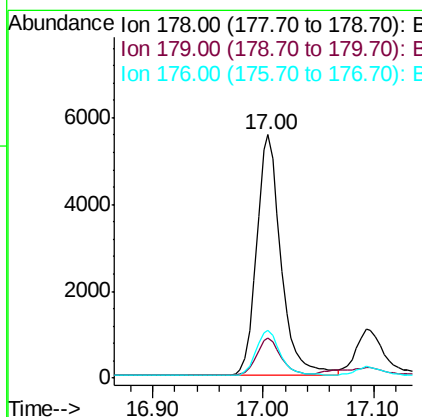
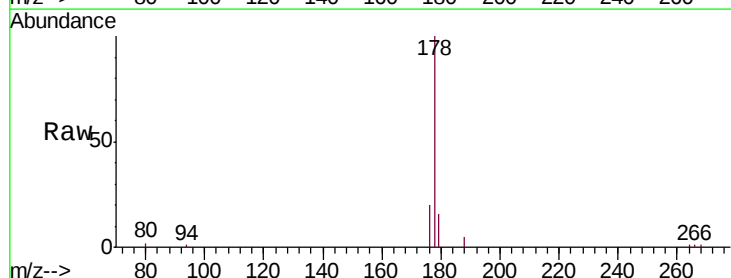
RT: 17.00 min Scan# 3668

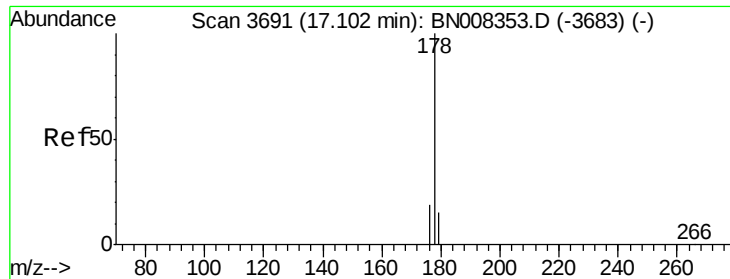
Delta R.T. -0.01 min

Lab File: BN008361.D

Acq: 23 Oct 2019 22:07

Tgt Ion:	178	Resp:	8585
Ion Ratio	Lower	Upper	
178	100		
179	16.4	12.8	19.2
176	19.6	15.4	23.2





#13

Anthracene

Concen: 0.066 ng/ul

RT: 17.09 min Scan# 3689

Delta R.T. -0.02 min

Lab File: BN008361.D

Acq: 23 Oct 2019 22:07

Instrument :

BNA_N

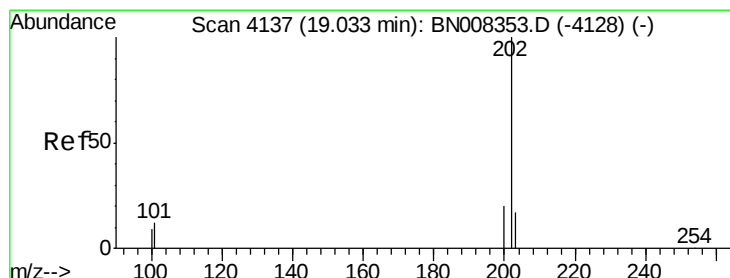
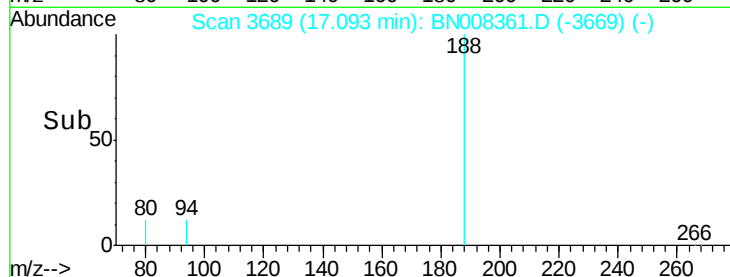
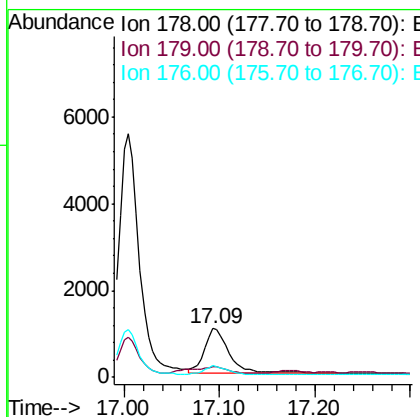
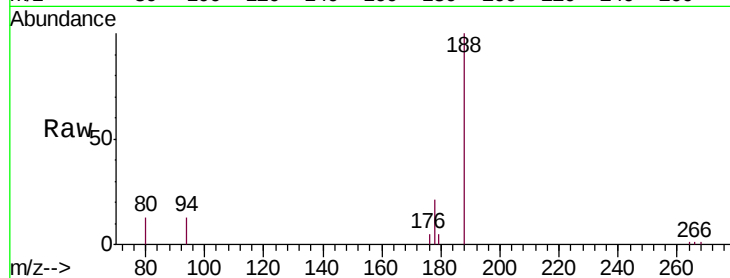
ClientSampleId :

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Tgt Ion:	178	Resp:	1887
Ion Ratio	Lower	Upper	
178	100		
179	23.2	13.0	19.6#
176	23.3	15.0	22.6#

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#15

Fluoranthene

Concen: 0.564 ng/ul

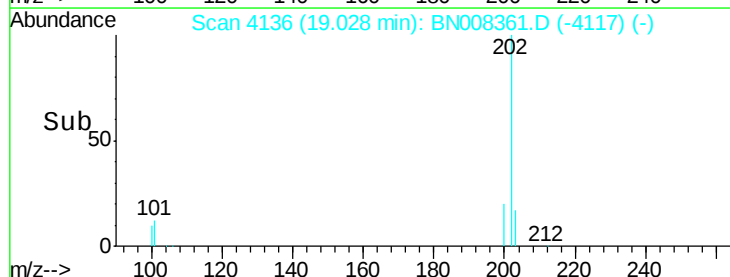
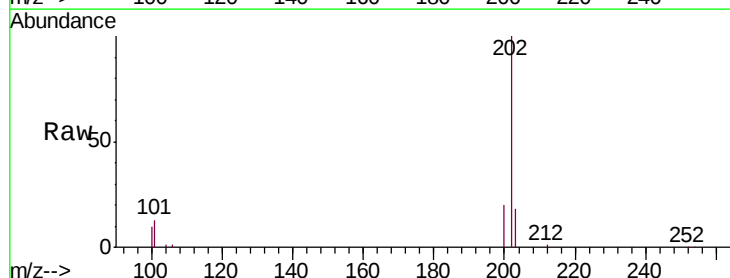
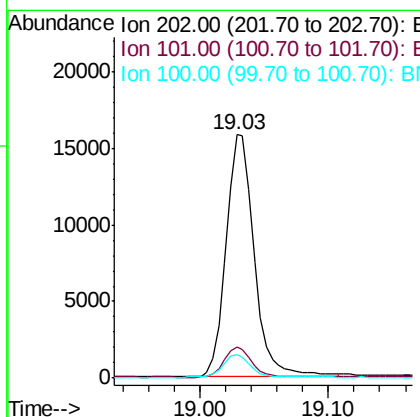
RT: 19.03 min Scan# 4136

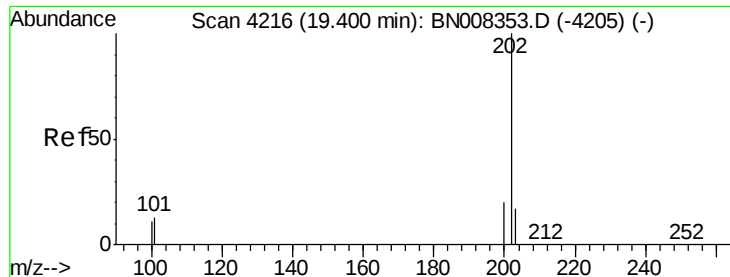
Delta R.T. -0.01 min

Lab File: BN008361.D

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Tgt Ion:	202	Resp:	24284
Ion Ratio	Lower	Upper	
202	100		
101	12.6	0.0	31.2
100	9.8	0.0	28.5





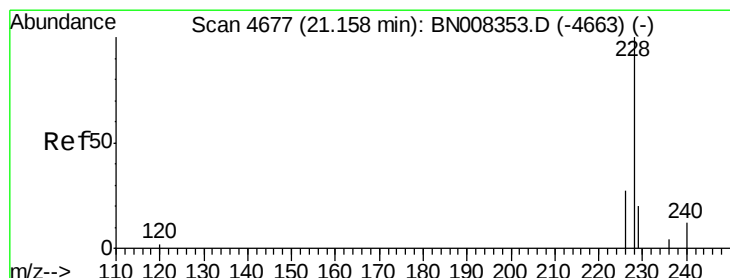
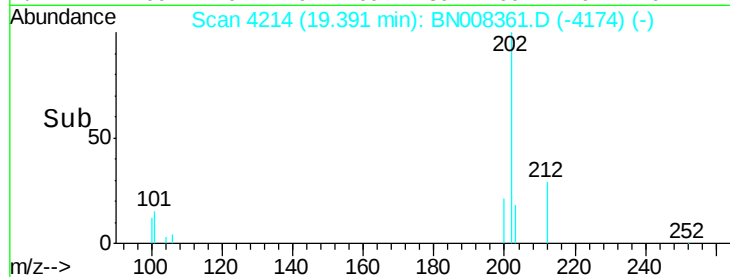
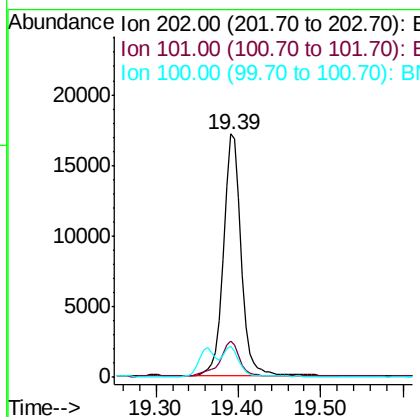
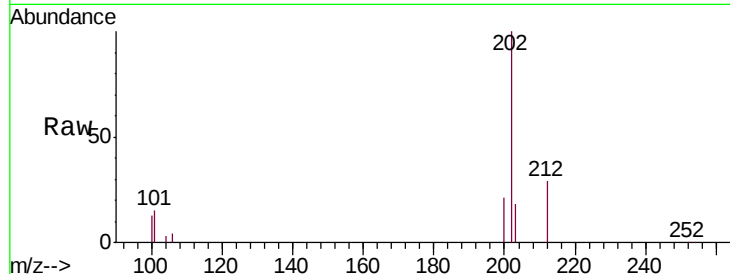
#17
 Pyrene
 Concen: 0.689 ng/ul
 RT: 19.39 min Scan# 4214
 Delta R.T. -0.01 min
 Lab File: BN008361.D
 Acq: 23 Oct 2019 22:07

Instrument :
 BNA_N
 ClientSampleId :
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Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	14.9	10.9	16.3
100	12.7	8.7	13.1

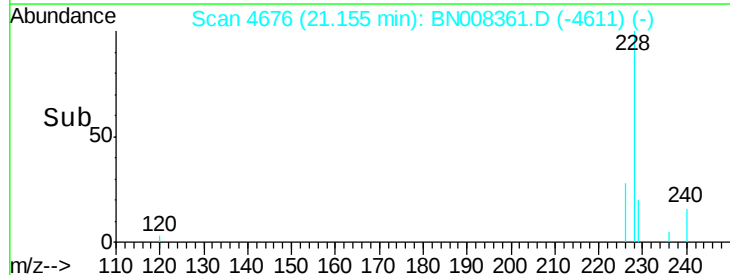
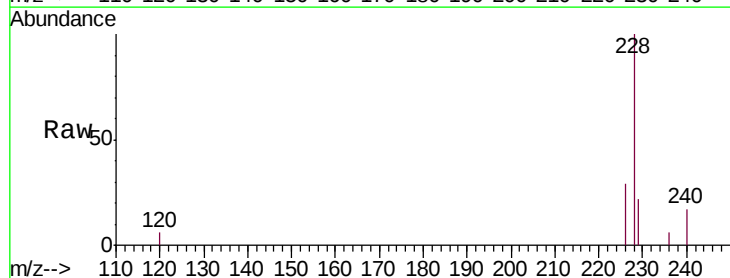
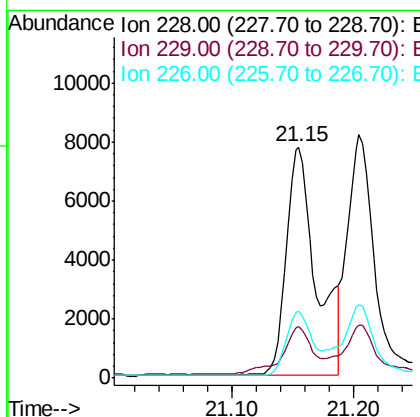
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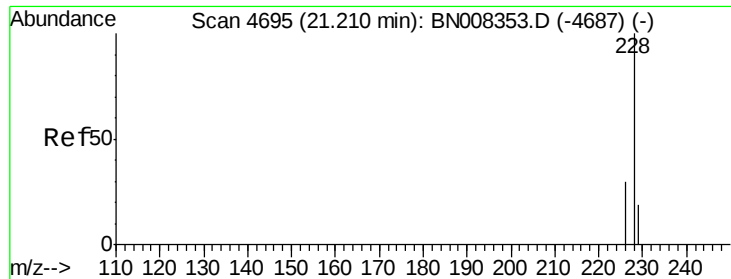
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#18
 Benzo(a)anthracene
 Concen: 0.390 ng/ul
 RT: 21.15 min Scan# 4676
 Delta R.T. -0.01 min
 Lab File: BN008361.D
 Acq: 23 Oct 2019 22:07

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	22.1	16.2	24.2
226	29.0	21.4	32.0





#19

Chrysene

Concen: 0.309 ng/ul

RT: 21.20 min Scan# 4693

Delta R.T. -0.01 min

Lab File: BN008361.D

Acq: 23 Oct 2019 22:07

Instrument :

BNA_N

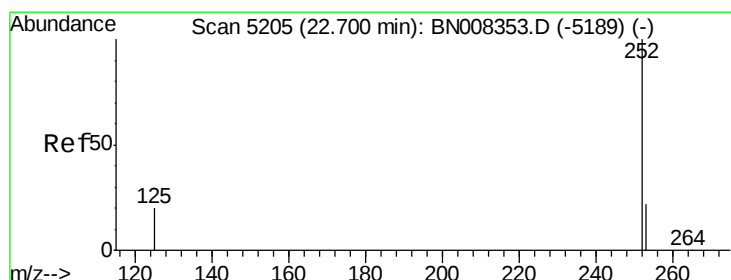
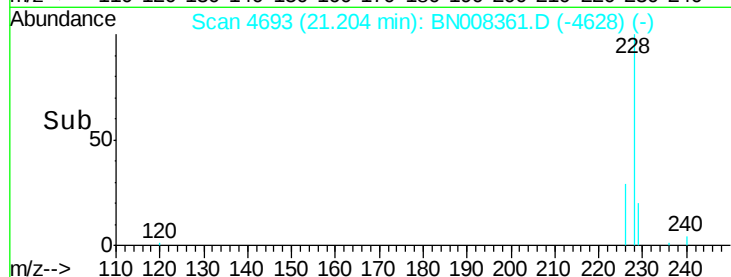
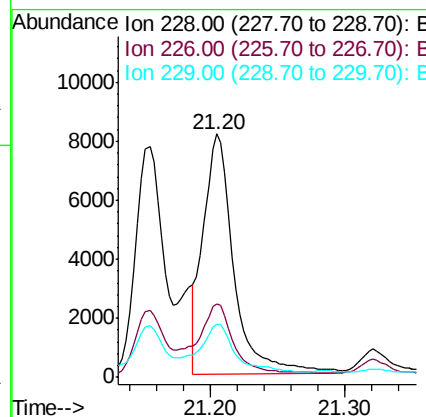
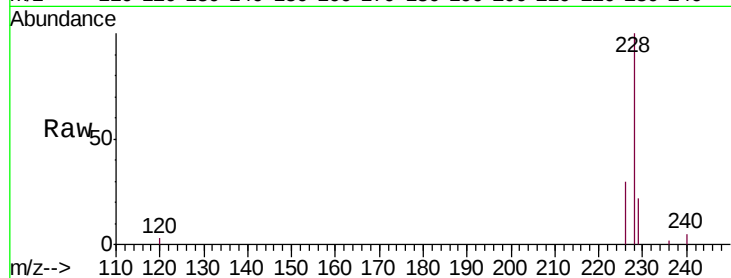
ClientSampleId :

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Tgt Ion:	228	Resp:	12879
Ion Ratio	Lower	Upper	
228	100		
226	30.2	24.1	36.1
229	21.5	16.2	24.2

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#21

Benzo(b)fluoranthene

Concen: 0.611 ng/ul m

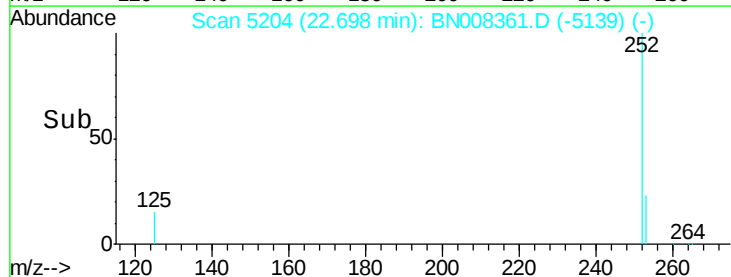
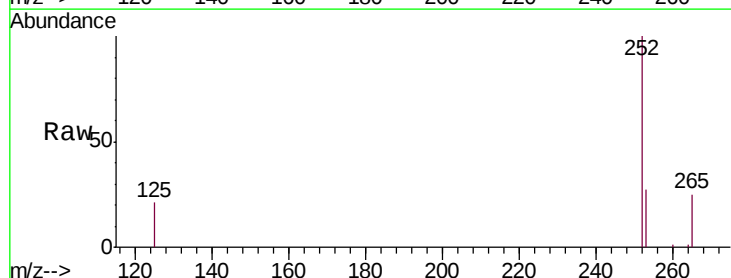
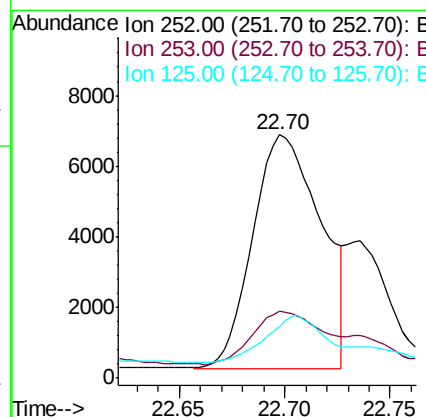
RT: 22.70 min Scan# 5204

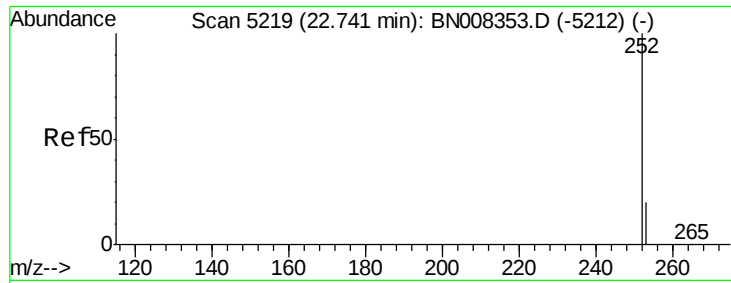
Delta R.T. -0.01 min

Lab File: BN008361.D

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Tgt Ion:	252	Resp:	14956
Ion Ratio	Lower	Upper	
252	100		
253	27.3	0.0	53.4
125	21.3	0.0	32.4





#22

Benzo(k)fluoranthene

Concen: 0.173 ng/ul

RT: 22.74 min Scan# 5217

Delta R.T. -0.02 min

Lab File: BN008361.D

Acq: 23 Oct 2019 22:07

Instrument :

BNA_N

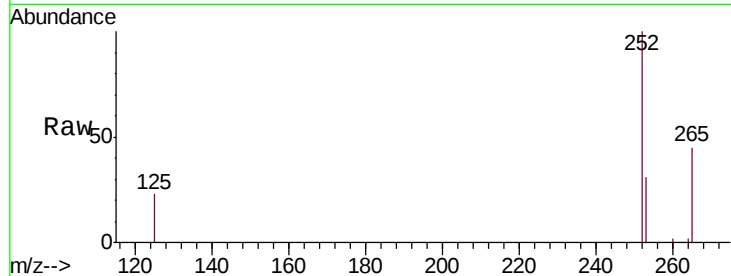
ClientSampleId :

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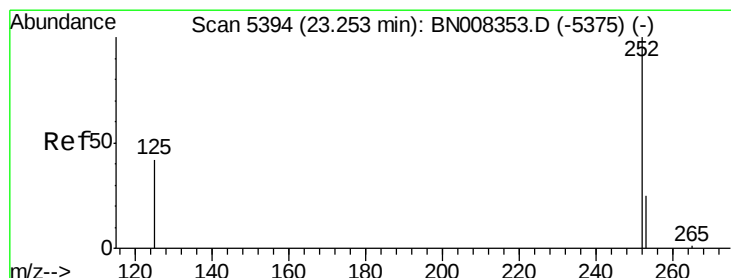
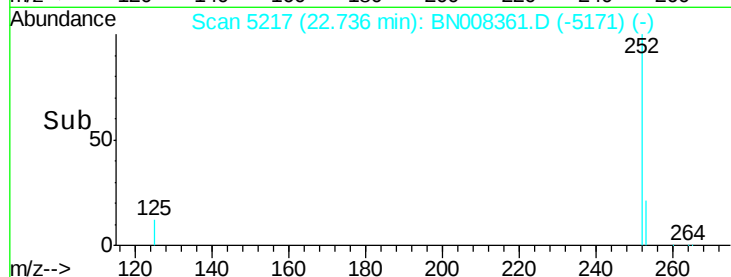
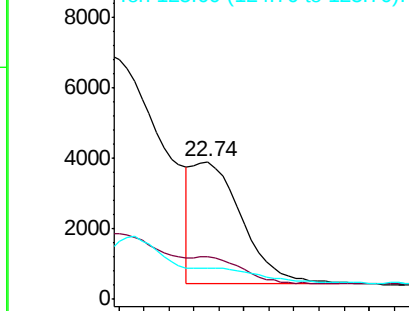
Tgt Ion:	252	Resp:	4810
Ion Ratio	Lower	Upper	
252	100		
253	30.9	21.3	31.9
125	22.5	12.3	18.5#

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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: 0.379 ng/ul

RT: 23.24 min Scan# 5390

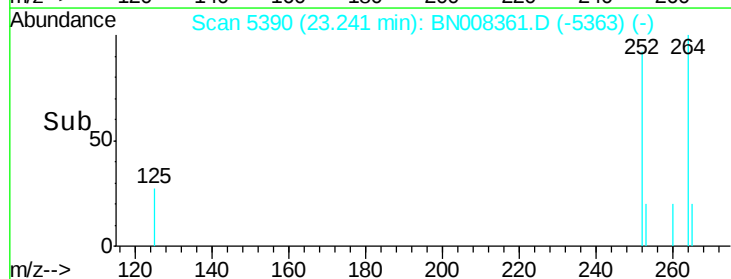
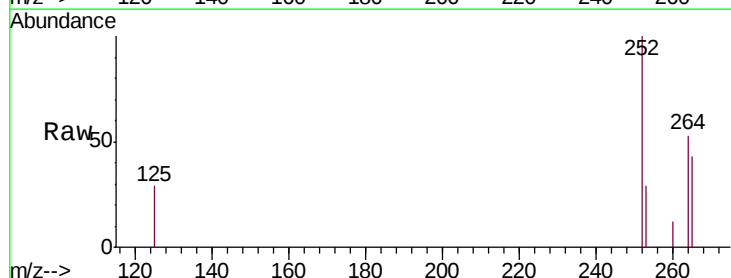
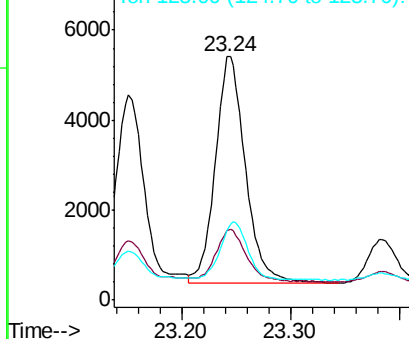
Delta R.T. -0.02 min

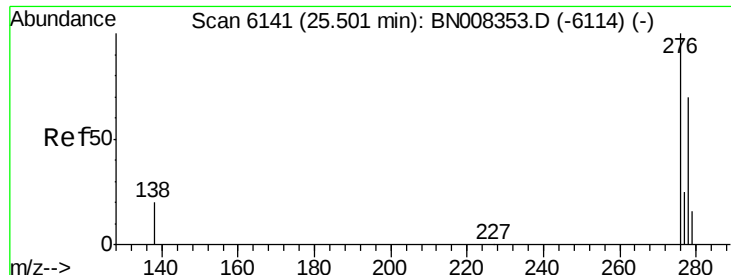
Lab File: BN008361.D

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Tgt Ion:	252	Resp:	9772
Ion Ratio	Lower	Upper	
252	100		
253	28.7	22.8	34.2
125	28.6	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





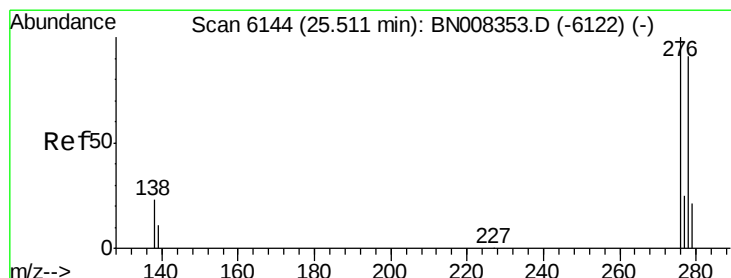
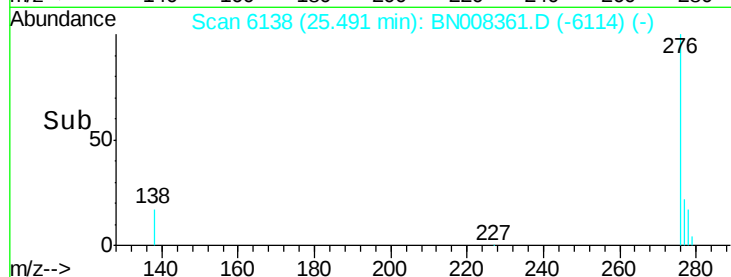
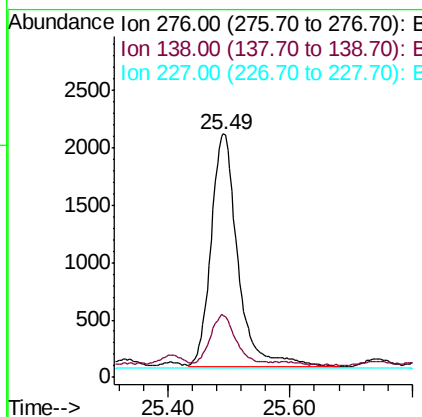
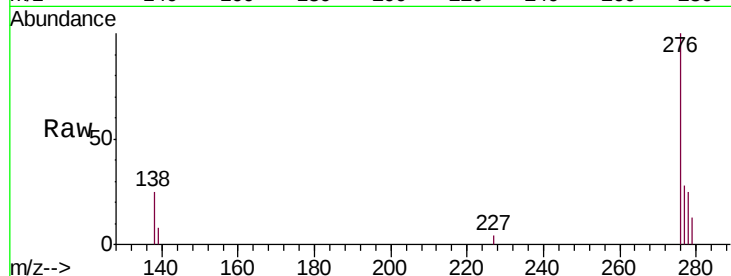
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.203 ng/ul
 RT: 25.49 min Scan# 6138
 Delta R.T. -0.02 min
 Lab File: BN008361.D
 Acq: 23 Oct 2019 22:07

Instrument :
 BNA_N
 ClientSampleId :
 BEPA6DL

Tgt Ion	Ratio	Lower	Upper
276	100		
138	21.9	16.1	24.1
227	0.1	0.2	0.2

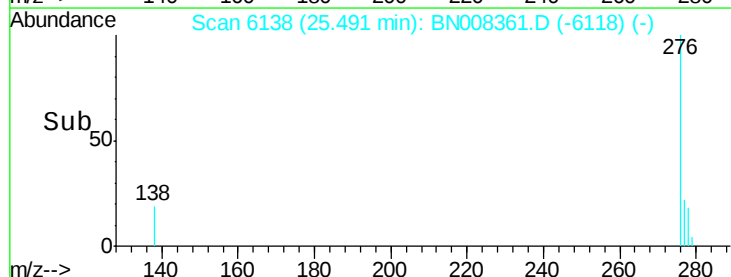
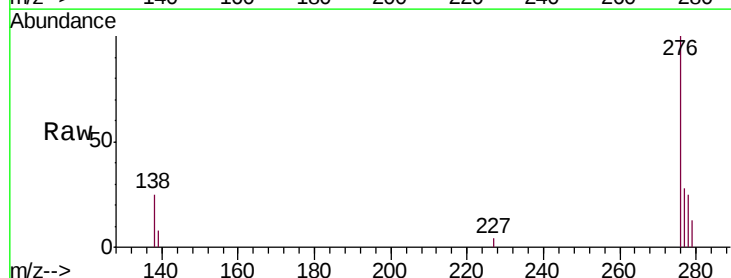
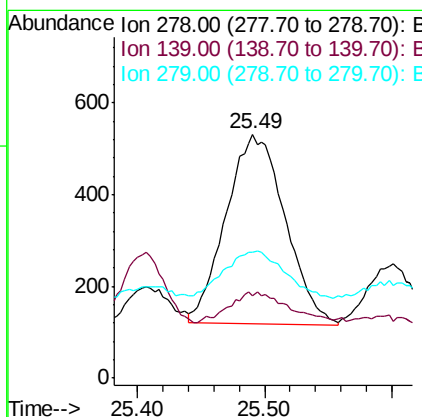
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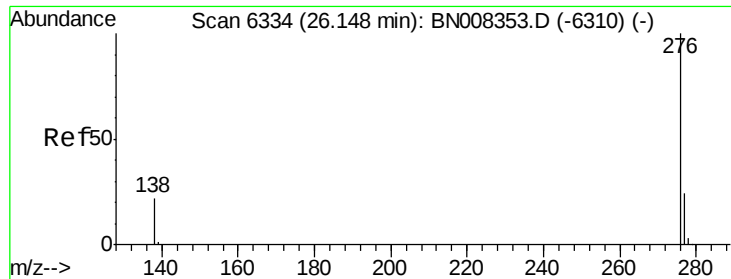
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#25
 Dibenzo(a,h)anthracene
 Concen: 0.056 ng/ul
 RT: 25.49 min Scan# 6138
 Delta R.T. -0.03 min
 Lab File: BN008361.D
 Acq: 23 Oct 2019 22:07

Tgt Ion	Ratio	Lower	Upper
278	100		
139	33.9	15.0	22.6
279	51.8	22.4	33.6





#26

Benzo(g,h,i)perylene

Concen: 0.186 ng/ul

RT: 26.14 min Scan# 6333

Delta R.T. -0.02 min

Lab File: BN008361.D

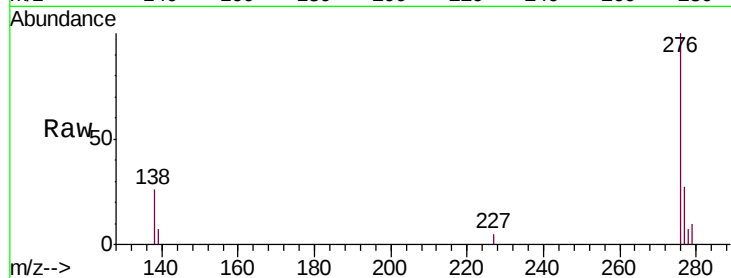
Acq: 23 Oct 2019 22:07

Instrument :

BNA_N

ClientSampleId :

BEPA6DL



Tgt	Ion	276	Resp:	5167
Ion	Ratio	Lower	Upper	
276	100			
138	26.3	17.0	25.4#	
277	27.4	20.4	30.6	

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