

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN090420\
 Data File : BN011723.D
 Acq On : 05 Sep 2020 05:00
 Operator : CG/JU
 Sample : L3843-02
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AC1

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Quant Time: Sep 05 06:36:40 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN081220.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 05 05:40:34 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	2	0.40	ng/ul	0.00
2) Naphthalene-d8	10.52	136	81	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.38	164	496	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.12	188	539m	0.40	ng/ul	0.00
16) Chrysene-d12	21.31	240	631	0.40	ng/ul	0.00
20) Perylene-d12	23.56	264	325m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.12	152	5027	43.85	ng/ul	0.00
14) Fluoranthene-d10	19.15	212	10329	6.81	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.57	128	2133	9.034	ng/ul	96
5) 2-Methylnaphthalene	12.19	142	360	2.412	ng/ul	96
7) Acenaphthylene	14.10	152	1865	0.747	ng/ul	95
8) Acenaphthene	14.44	153	418	0.215	ng/ul#	92
9) Fluorene	15.43	166	423	0.185	ng/ul#	89
12) Phenanthrene	17.16	178	1440	0.790	ng/ul#	91
13) Anthracene	17.25	178	1957	1.305	ng/ul#	93
15) Fluoranthene	19.18	202	4457	2.125	ng/ul	91
17) Pyrene	19.55	202	13600m	5.514	ng/ul	
18) Benzo(a)anthracene	21.29	228	3629	1.714	ng/ul	92
19) Chrysene	21.35	228	7871	2.757	ng/ul	97
21) Benzo(b)fluoranthene	22.89	252	14752m	10.443	ng/ul	
22) Benzo(k)fluoranthene	22.93	252	5226m	3.346	ng/ul	
23) Benzo(a)pyrene	23.46	252	8815	7.427	ng/ul#	91
24) Indeno(1,2,3-cd)pyrene	25.82	276	5681	3.540	ng/ul	100
25) Dibenzo(a,h)anthracene	25.82	278	1641	1.254	ng/ul#	59
26) Benzo(a,h,i)perylene	26.51	276	5410	3.601	ng/ul	94

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

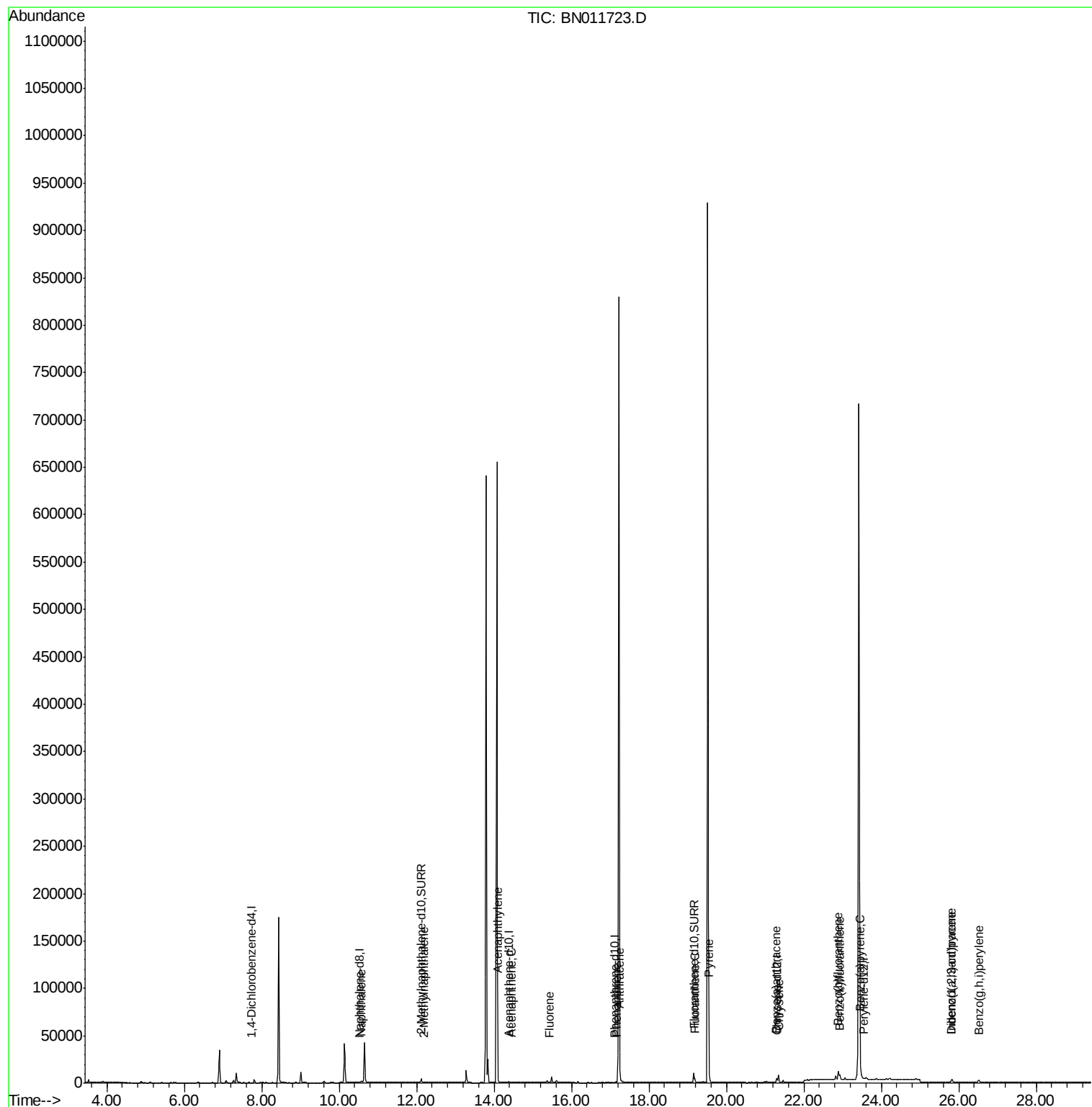
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN090420\
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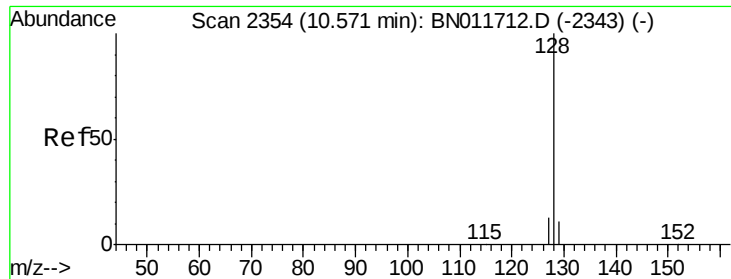
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Quant Time: Sep 05 06:36:40 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN081220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 05 05:40:34 2020
Response via : Initial Calibration





#3

Naphthalene

Concen: 9.034 ng/ul

RT: 10.57 min Scan# 2354

Delta R.T. 0.00 min

Lab File: BN011723.D

Acq: 05 Sep 2020 05:00

Instrument :

BNA_N

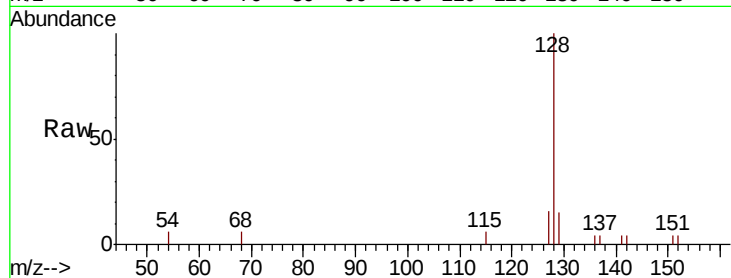
ClientSampleId :

C0AC1

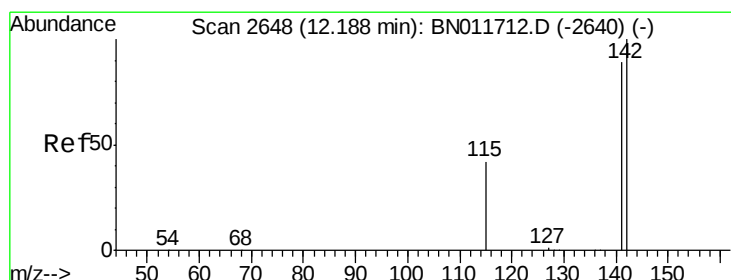
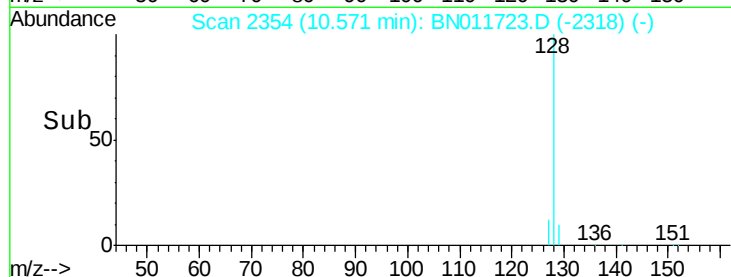
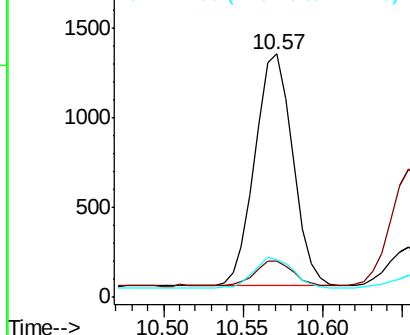
Tot Ion:	128	Resp:	2133
Ion	Ratio	Lower	Upper
128	100		
129	15.1	10.4	15.6
127	15.5	11.4	17.0

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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#5

2-Methylnaphthalene

Concen: 2.412 ng/ul

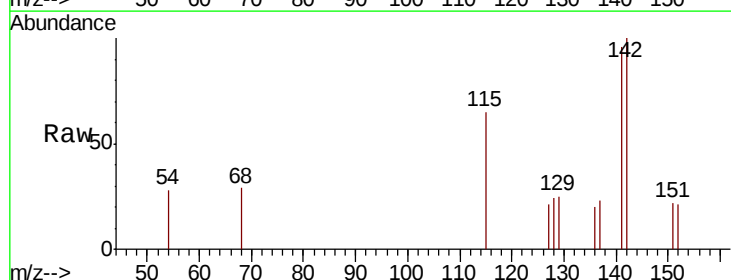
RT: 12.19 min Scan# 2648

Delta R.T. 0.00 min

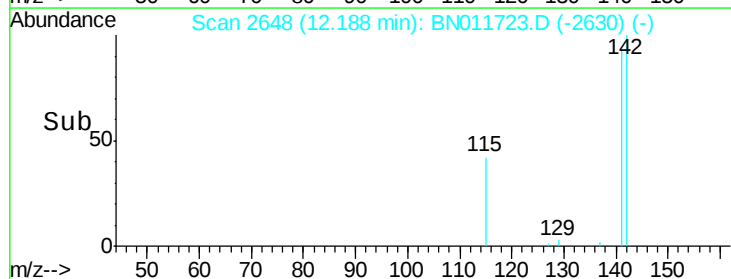
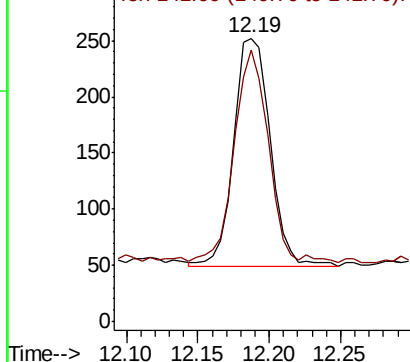
Lab File: BN011723.D

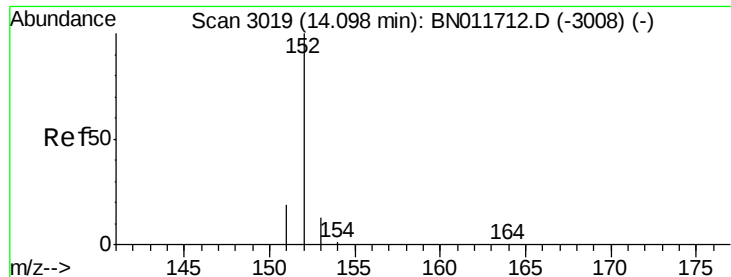
Acq: 05 Sep 2020 05:00

Tgt Ion:	142	Resp:	360
Ion	Ratio	Lower	Upper
142	100		
141	86.7	72.1	108.1



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.747 ng/ul

RT: 14.10 min Scan# 3019

Delta R.T. 0.00 min

Lab File: BN011723.D

Acq: 05 Sep 2020 05:00

Instrument :

BNA_N

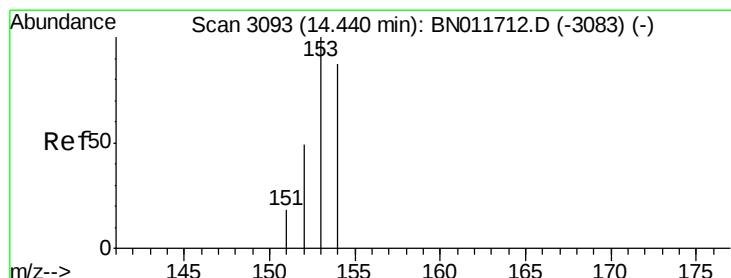
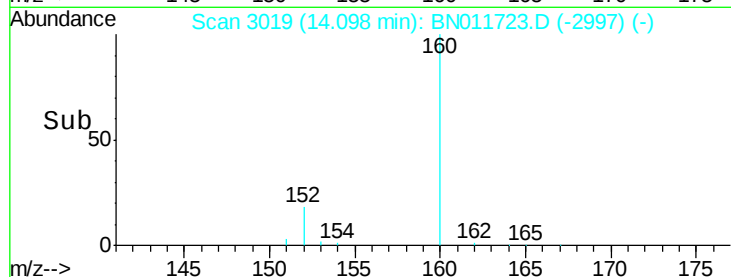
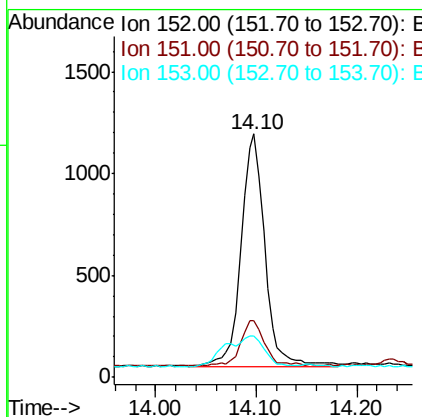
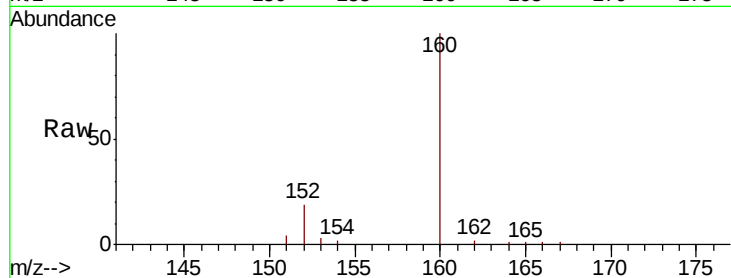
ClientSampleId :

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Tot Ion:	152	Resp:	1865
Ion Ratio	Lower	Upper	
152	100		
151	23.3	16.7	25.1
153	17.0	12.3	18.5

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#8

Acenaphthene

Concen: 0.215 ng/ul

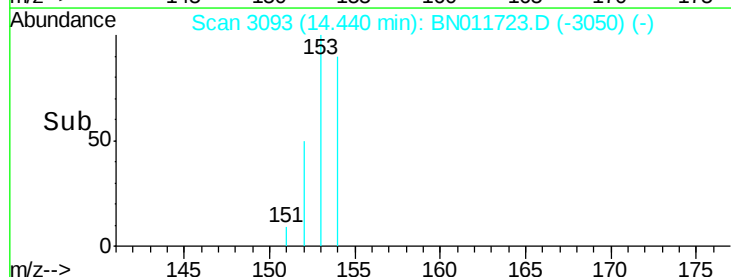
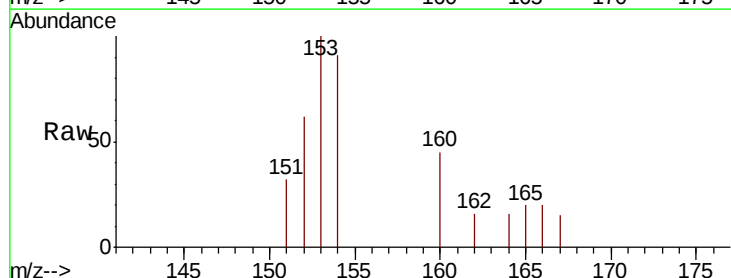
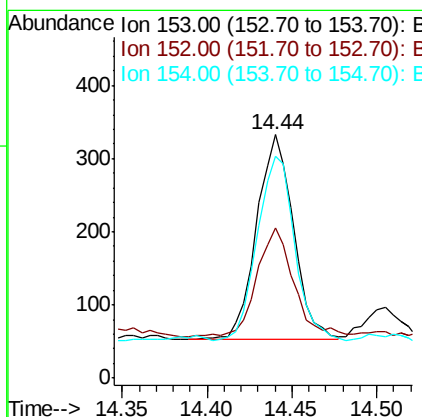
RT: 14.44 min Scan# 3093

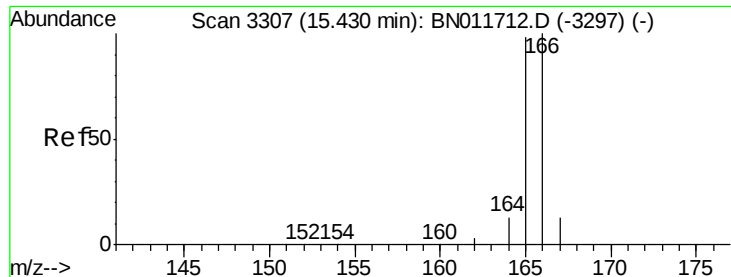
Delta R.T. 0.00 min

Lab File: BN011723.D

Acq: 05 Sep 2020 05:00

Tgt Ion:	153	Resp:	418
Ion Ratio	Lower	Upper	
153	100		
152	61.9	41.0	61.6#
154	91.0	70.2	105.2





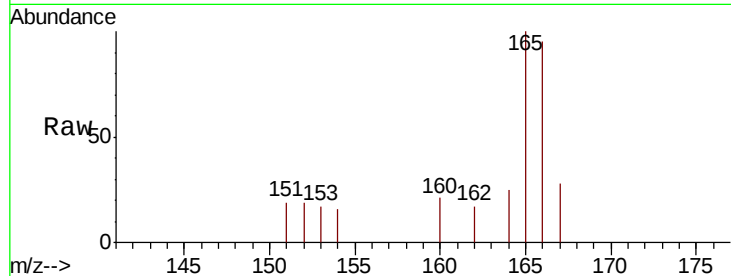
#9
Fluorene
 Concen: 0.185 ng/ul
 RT: 15.43 min Scan# 3307
 Delta R.T. 0.00 min
 Lab File: BN011723.D
 Acq: 05 Sep 2020 05:00

Instrument :
 BNA_N
 ClientSampleId :
 C0AC1

Tot Ion	Ratio	Lower	Upper
166	100		
165	104.8	77.7	116.5
167	29.5	12.5	18.7

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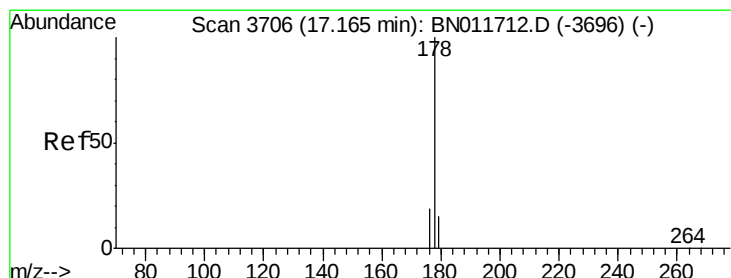
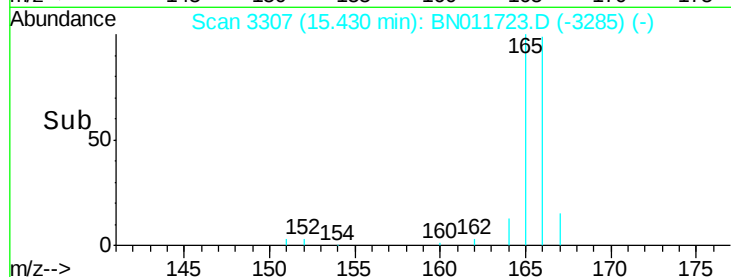
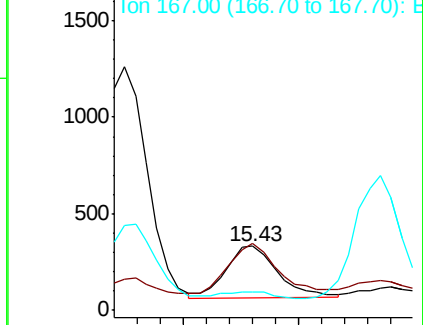


Abundance

Ion 166.00 (165.70 to 166.70): E

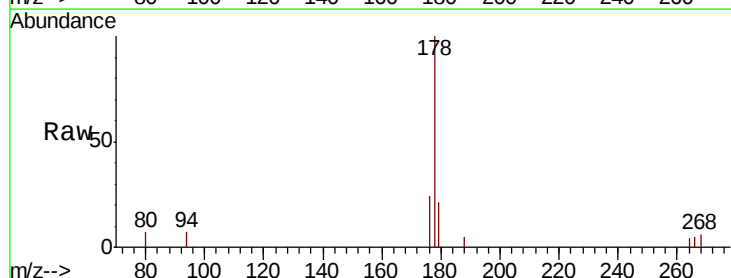
Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#12
Phenanthrene
 Concen: 0.790 ng/ul
 RT: 17.16 min Scan# 3705
 Delta R.T. -0.00 min
 Lab File: BN011723.D
 Acq: 05 Sep 2020 05:00

Tgt Ion	Ratio	Lower	Upper
178	100		
179	21.4	13.8	20.8
176	24.4	16.3	24.5

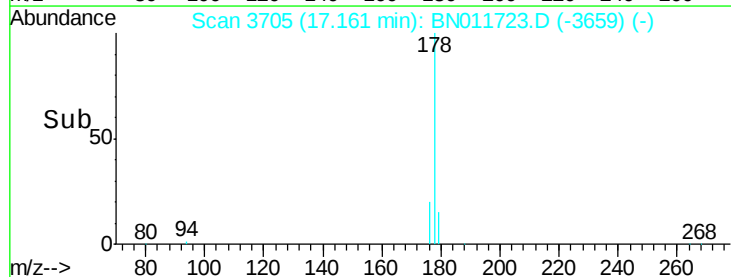
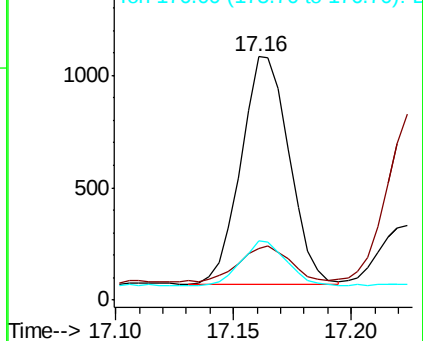


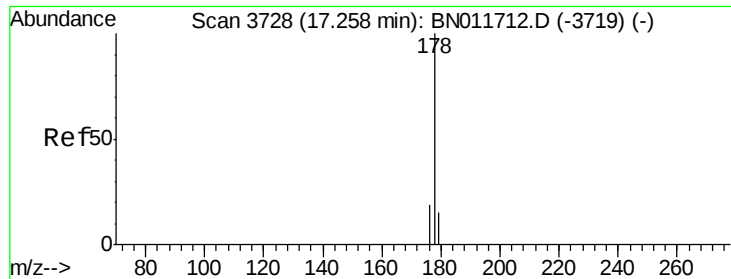
Abundance

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





#13

Anthracene

Concen: 1.305 ng/ul

RT: 17.25 min Scan# 3727

Delta R.T. -0.00 min

Lab File: BN011723.D

Acq: 05 Sep 2020 05:00

Instrument :

BNA_N

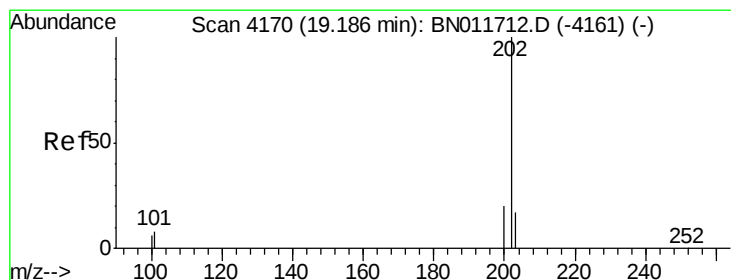
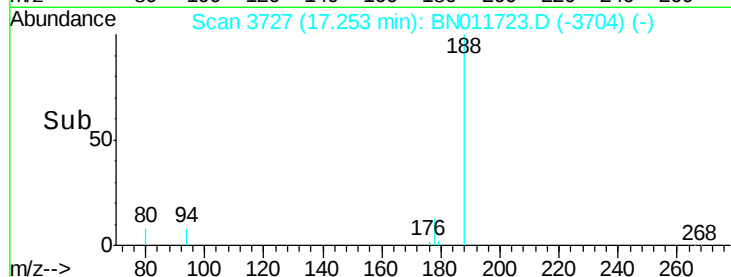
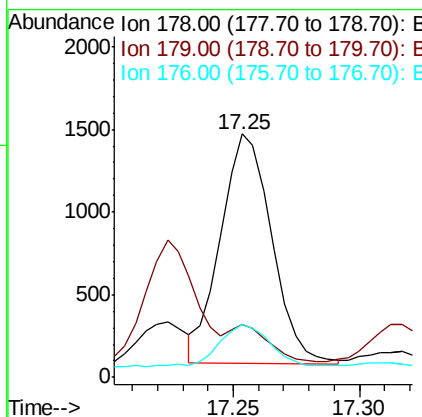
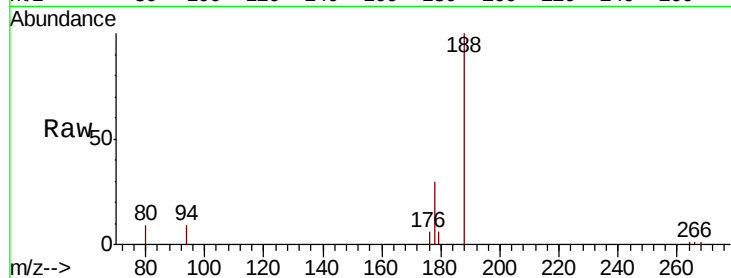
ClientSampleId :

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Tot Ion:	178	Resp:	1957
Ion	Ratio	Lower	Upper
178	100		
179	21.7	14.2	21.2#
176	21.8	15.8	23.8

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#15

Fluoranthene

Concen: 2.125 ng/ul

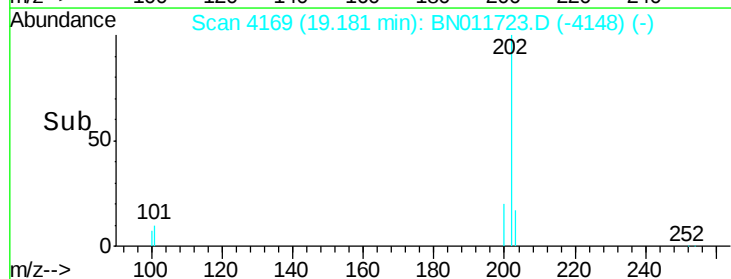
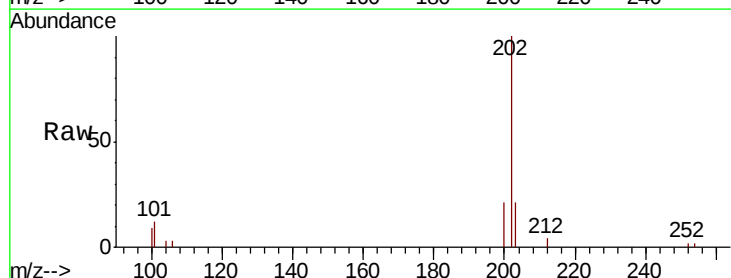
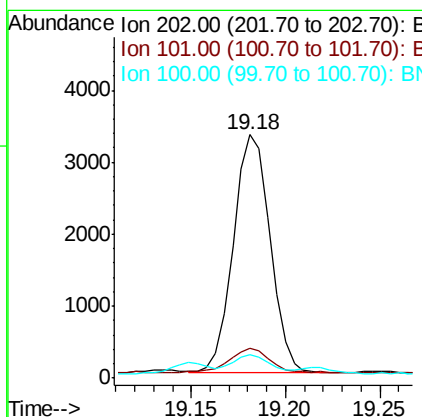
RT: 19.18 min Scan# 4169

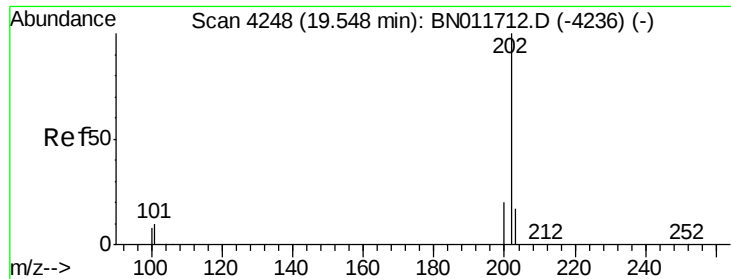
Delta R.T. -0.00 min

Lab File: BN011723.D

Acq: 05 Sep 2020 05:00

Tgt Ion:	202	Resp:	4457
Ion	Ratio	Lower	Upper
202	100		
101	12.4	0.0	28.3
100	9.4	0.0	27.1





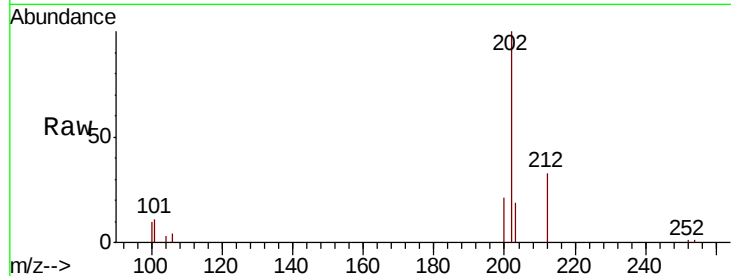
#17
Pvrene
Concen: 5.514 ng/ul m
RT: 19.55 min Scan# 4248
Delta R.T. 0.00 min
Lab File: BN011723.D
Acq: 05 Sep 2020 05:00

Instrument :
BNA_N
ClientSampleId :
C0AC1

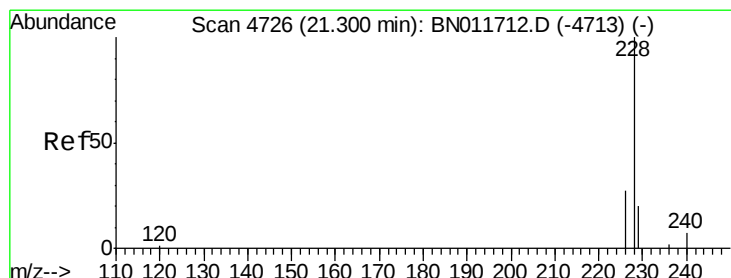
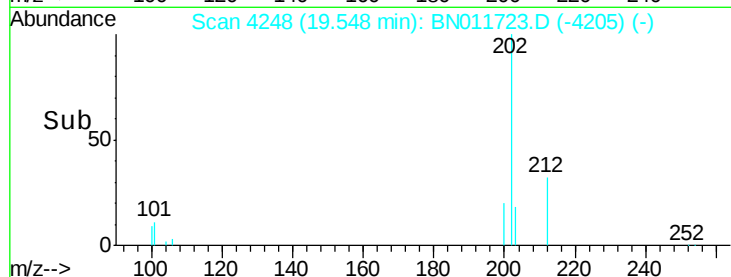
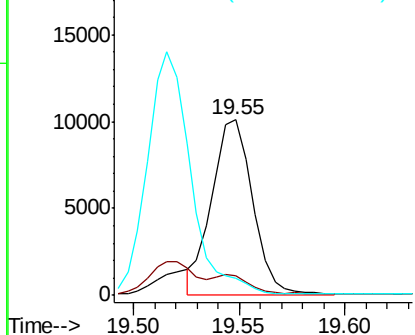
Tot Ion	Ratio	Lower	Upper
202	100		
101	11.4	7.3	10.9#
100	9.6	6.7	10.1

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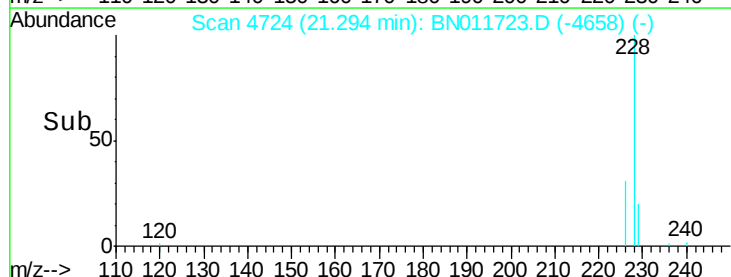
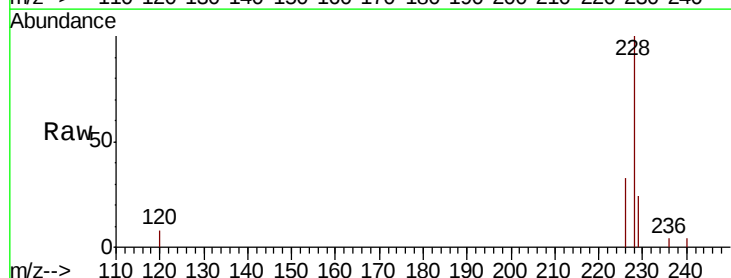
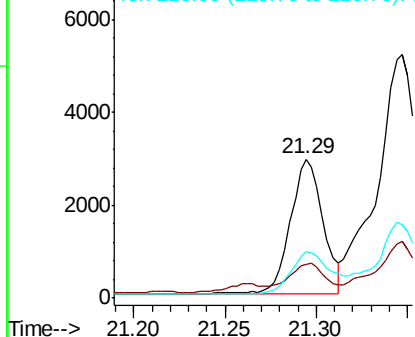
Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): E

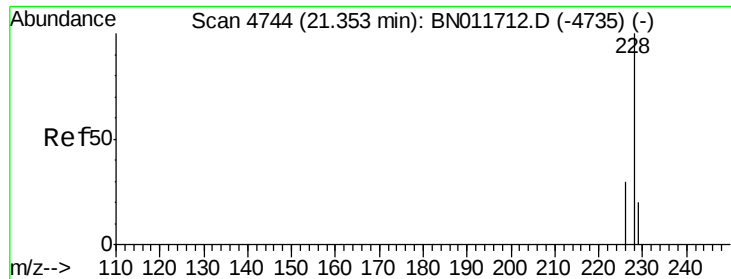


#18
Benzo(a)anthracene
Concen: 1.714 ng/ul
RT: 21.29 min Scan# 4724
Delta R.T. -0.01 min
Lab File: BN011723.D
Acq: 05 Sep 2020 05:00

Tgt Ion	Ratio	Lower	Upper
228	100		
229	24.2	16.7	25.1
226	33.1	22.9	34.3

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: 2.757 ng/ul

RT: 21.35 min Scan# 4742

Delta R.T. -0.01 min

Lab File: BN011723.D

Acq: 05 Sep 2020 05:00

Instrument :

BNA_N

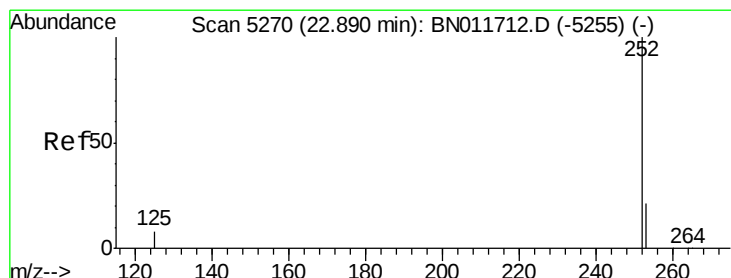
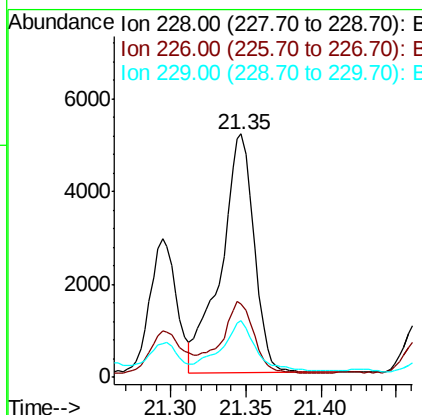
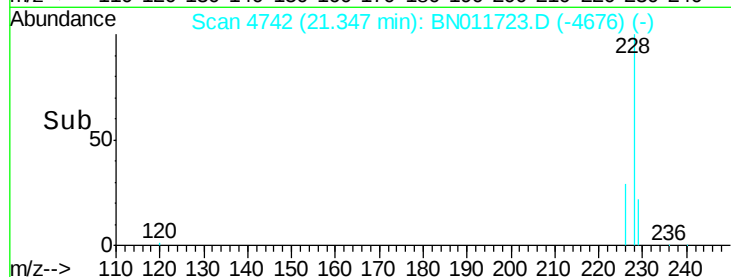
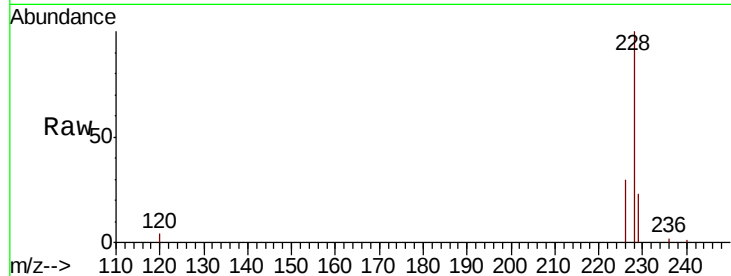
ClientSampleId :

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Tot Ion:	228	Resp:	7871
Ion Ratio	Lower	Upper	
228	100		
226	30.4	24.1	36.1
229	23.3	16.4	24.6

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#21

Benzo(b)fluoranthene

Concen: 10.443 ng/ul m

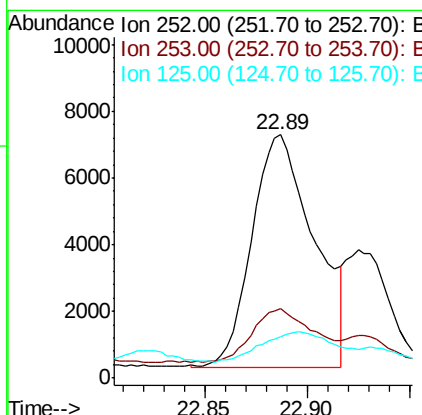
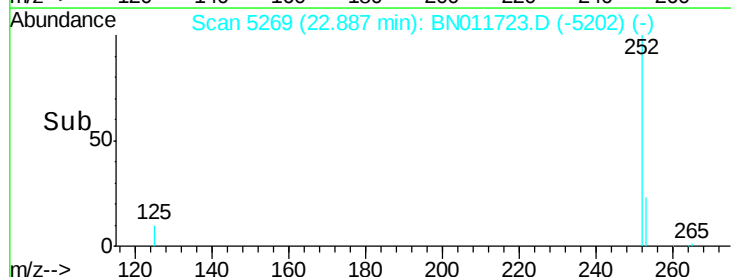
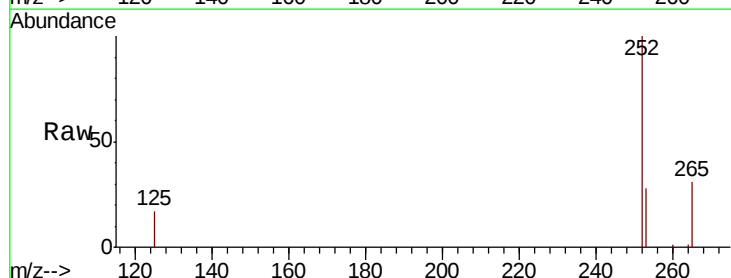
RT: 22.89 min Scan# 5269

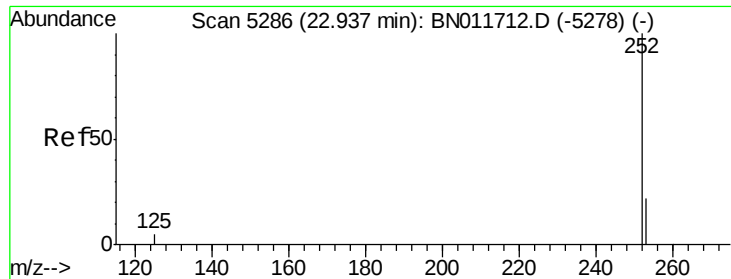
Delta R.T. -0.00 min

Lab File: BN011723.D

Acq: 05 Sep 2020 05:00

Tgt Ion:	252	Resp:	14752
Ion Ratio	Lower	Upper	
252	100		
253	28.3	0.0	54.8
125	17.0	0.0	22.2





#22

Benzo(k)fluoranthene

Concen: 3.346 ng/ul m

RT: 22.93 min Scan# 5282

Delta R.T. -0.01 min

Lab File: BN011723.D

Acq: 05 Sep 2020 05:00

Instrument :

BNA_N

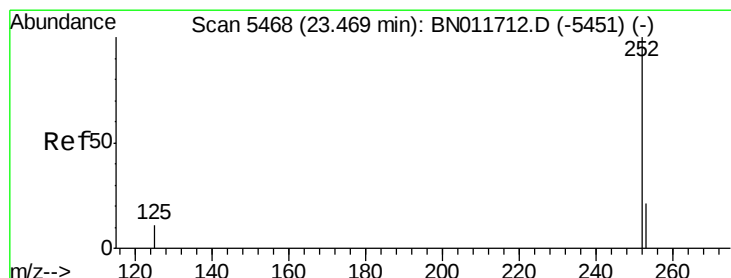
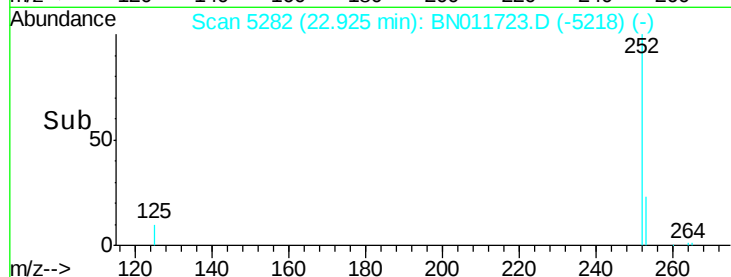
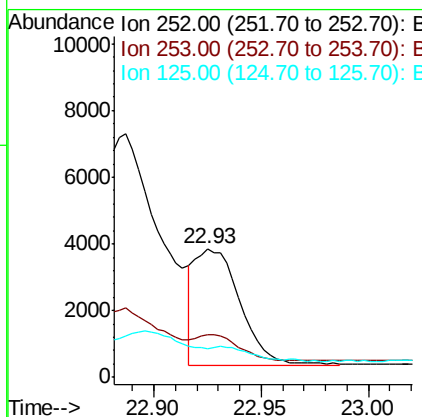
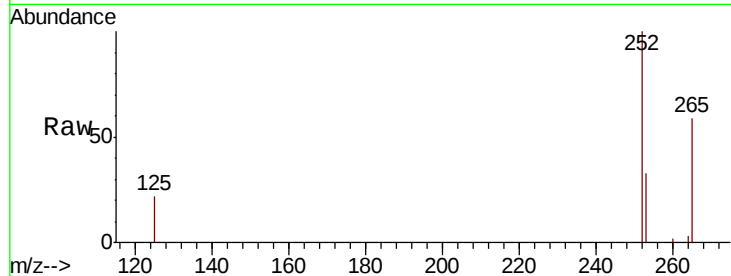
ClientSampled :

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Tot Ion:	252	Resp:	5226
Ion Ratio	Lower	Upper	
252	100		
253	33.0	21.8	32.6#
125	22.5	9.1	13.7#

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#23

Benzo(a)pyrene

Concen: 7.427 ng/ul

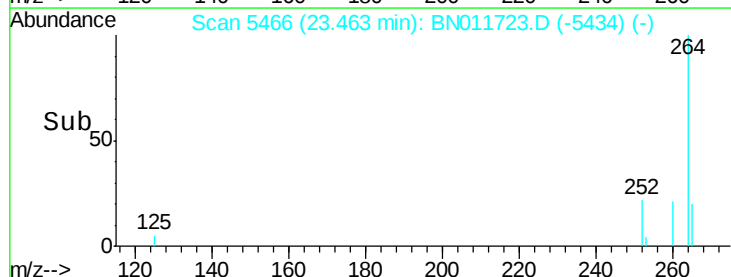
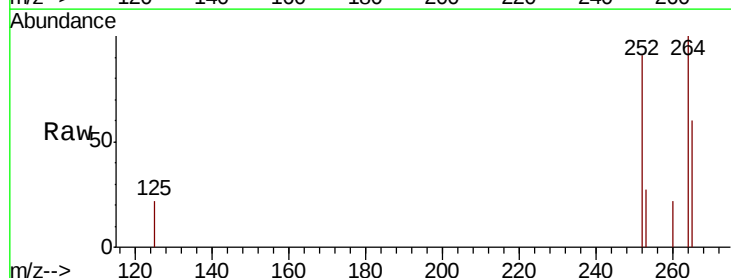
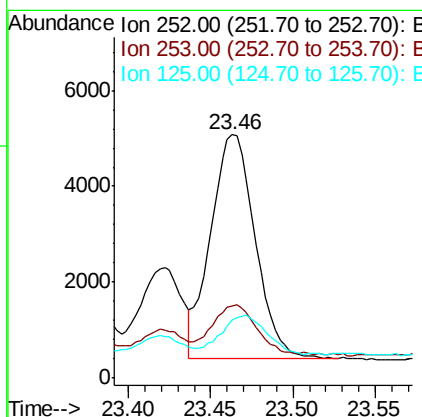
RT: 23.46 min Scan# 5466

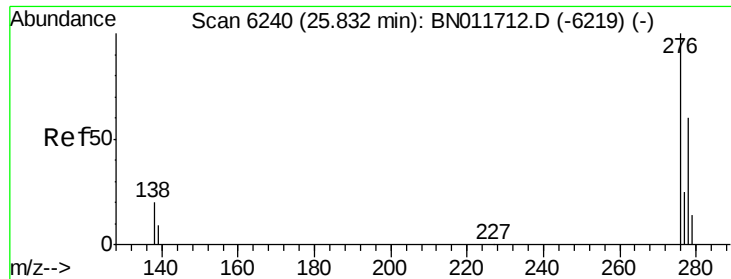
Delta R.T. -0.01 min

Lab File: BN011723.D

Acq: 05 Sep 2020 05:00

Tgt Ion:	252	Resp:	8815
Ion Ratio	Lower	Upper	
252	100		
253	29.6	24.4	36.6
125	24.0	11.1	16.7#





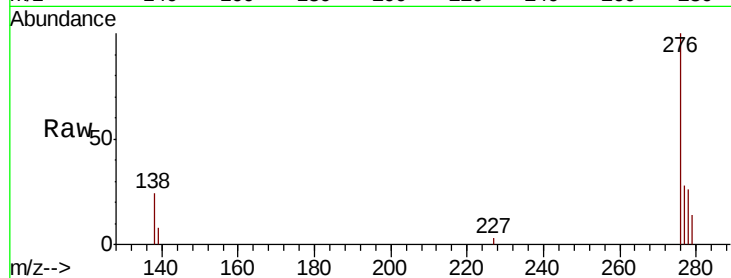
#24
Indeno(1,2,3-cd)pyrene
Concen: 3.540 ng/ul
RT: 25.82 min Scan# 6236
Delta R.T. -0.01 min
Lab File: BN011723.D
Acq: 05 Sep 2020 05:00

Instrument :
BNA_N
ClientSampleId :
C0AC1

Tot Ion	Ratio	Lower	Upper
276	100		
138	19.9	15.8	23.6
227	0.2	0.2	0.2

Manual Integrations
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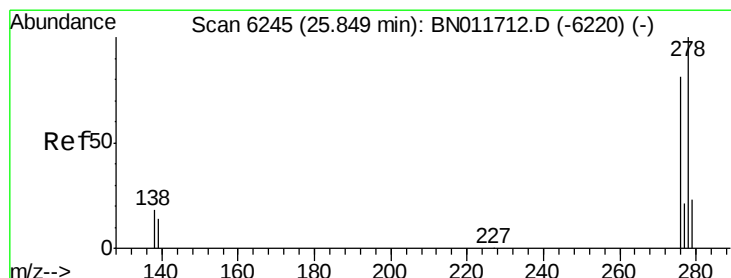
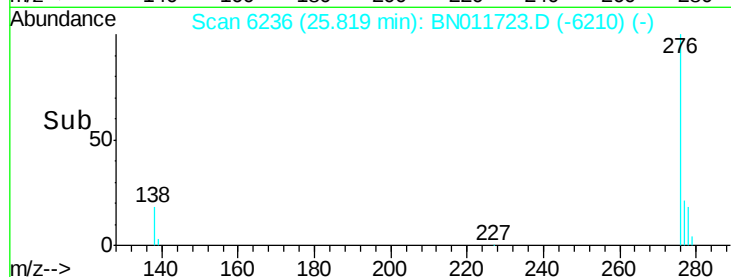
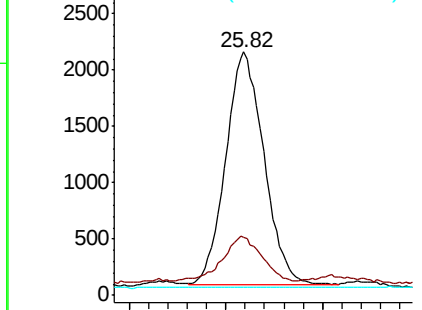


Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E



#25
Dibenzo(a,h)anthracene
Concen: 1.254 ng/ul
RT: 25.82 min Scan# 6237
Delta R.T. -0.03 min
Lab File: BN011723.D
Acq: 05 Sep 2020 05:00

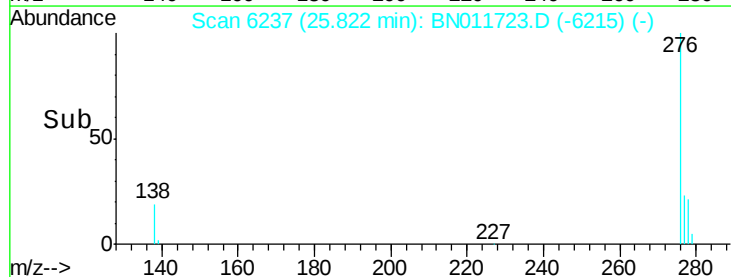
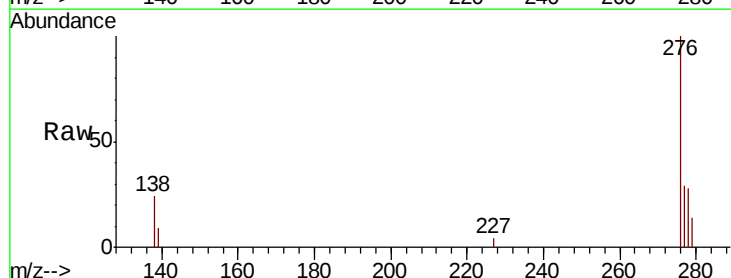
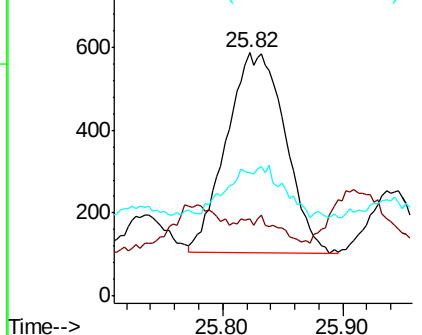
Tgt Ion	Ratio	Lower	Upper
278	100		
139	31.9	12.1	18.1#
279	50.6	22.9	34.3#

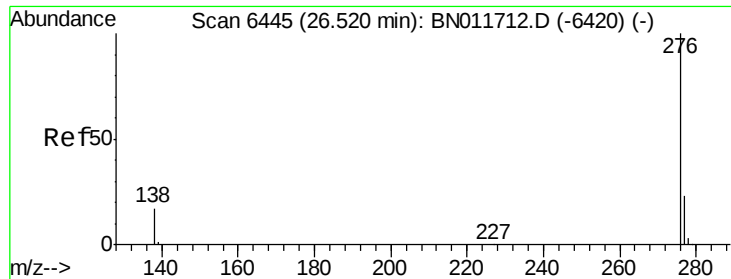
Abundance

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





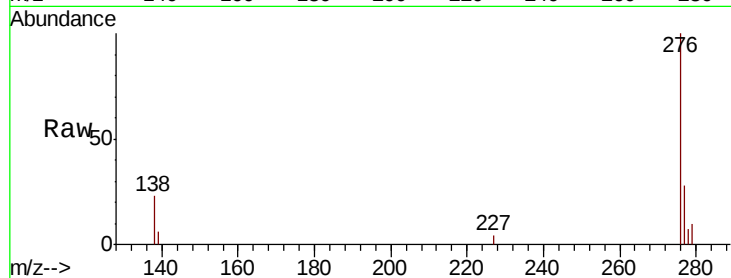
#26
 Benzo(a,h,i)perylene
 Concen: 3.601 ng/ul
 RT: 26.51 min Scan# 6443
 Delta R.T. -0.01 min
 Lab File: BN011723.D
 Acq: 05 Sep 2020 05:00

Instrument :
 BNA_N
 ClientSampleId :
 C0AC1

Tot Ion	Ratio	Lower	Upper
276	100		
138	23.5	15.8	23.6
277	27.9	20.6	31.0

Manual Integrations
 APPROVED

mohammad
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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

