

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN090420\
 Data File : BN011725.D
 Acq On : 05 Sep 2020 06:12
 Operator : CG/JU
 Sample : L3843-03
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AD3

Manual Integrations
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Quant Time: Sep 05 06:48:55 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	7.74	152	3090	0.40	ng/ul	0.00
2) Naphthalene-d8	10.52	136	12031	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.38	164	6736	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.12	188	14774	0.40	ng/ul	0.00
16) Chrysene-d12	21.31	240	13732	0.40	ng/ul	0.00
20) Perylene-d12	23.56	264	13889	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.11	152	2578	0.15	ng/ul	0.00
14) Fluoranthene-d10	19.15	212	6041	0.15	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.57	128	1476	0.042	ng/ul	94
7) Acenaphthylene	14.09	152	4004	0.118	ng/ul	98
8) Acenaphthene	14.44	153	557	0.021	ng/ul	98
9) Fluorene	15.43	166	715	0.023	ng/ul#	97
12) Phenanthrene	17.16	178	5010	0.100	ng/ul	98
13) Anthracene	17.25	178	4166m	0.101	ng/ul	
15) Fluoranthene	19.18	202	23525	0.409	ng/ul	98
17) Pyrene	19.54	202	29455	0.549	ng/ul#	95
18) Benzo(a)anthracene	21.29	228	22208	0.482	ng/ul	98
19) Chrysene	21.34	228	25599	0.412	ng/ul	99
21) Benzo(b)fluoranthene	22.88	252	56799m	0.941	ng/ul	
22) Benzo(k)fluoranthene	22.93	252	18840m	0.282	ng/ul	
23) Benzo(a)pyrene	23.46	252	28851	0.569	ng/ul	93
24) Indeno(1,2,3-cd)pyrene	25.82	276	19272	0.281	ng/ul#	98
25) Dibenzo(a,h)anthracene	25.83	278	5590	0.100	ng/ul#	86
26) Benzo(a,h,i)perylene	26.51	276	16273	0.253	ng/ul	97

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

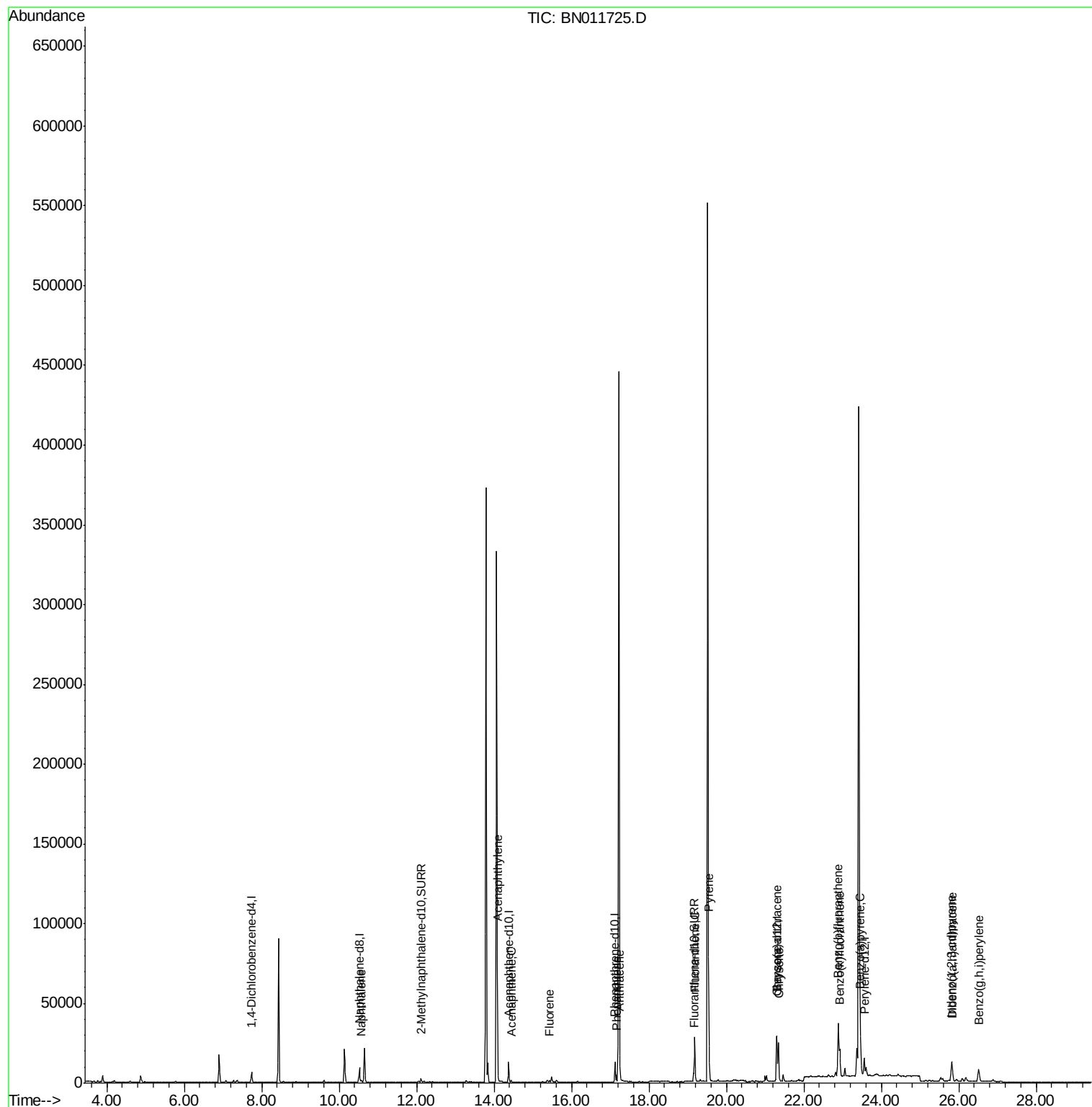
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN090420\
Data File : BN011725.D
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ALS Vial : 29 Sample Multiplier: 1

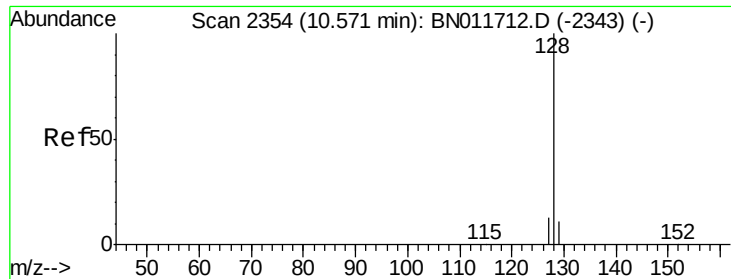
Instrument :
BNA_N
ClientSampleId :
C0AD3

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Quant Time: Sep 05 06:48:55 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: 0.042 ng/ul

RT: 10.57 min Scan# 2354

Delta R.T. 0.00 min

Lab File: BN011725.D

Acq: 05 Sep 2020 06:12

Instrument :

BNA_N

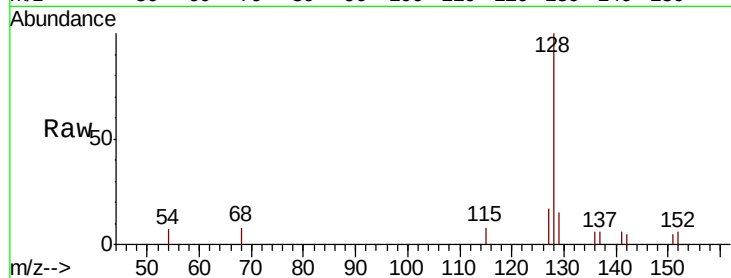
ClientSampled :

C0AD3

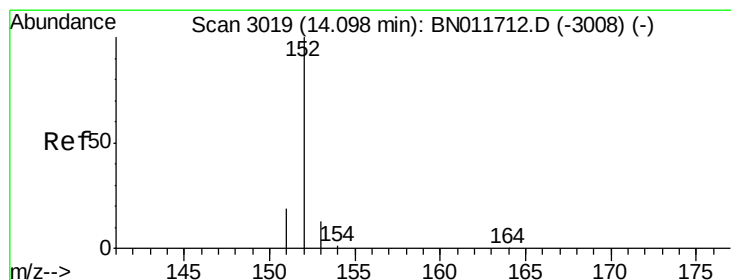
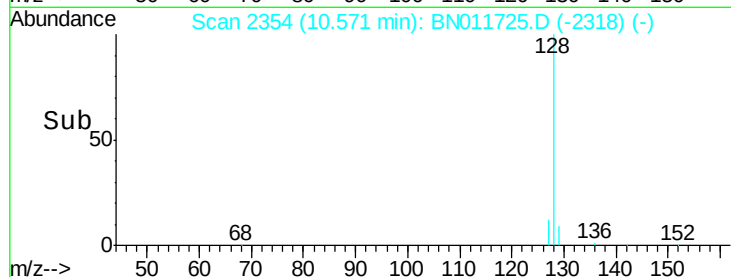
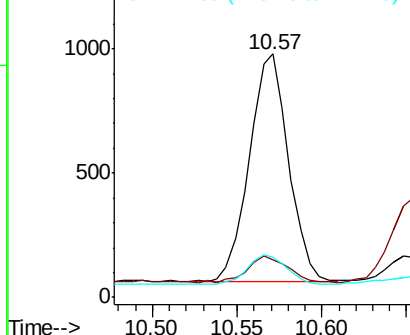
Tot Ion:128	Resp:	1476
Ion Ratio	Lower	Upper
128 100		
129 15.3	10.4	15.6
127 16.6	11.4	17.0

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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



#7

Acenaphthylene

Concen: 0.118 ng/ul

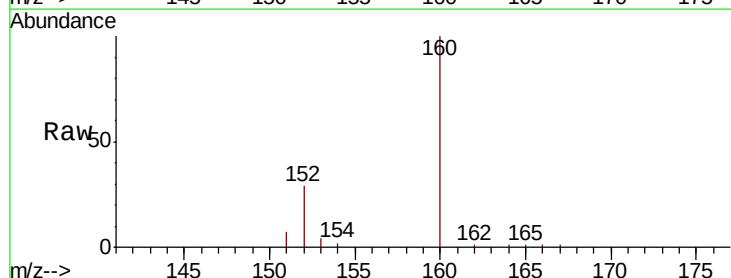
RT: 14.09 min Scan# 3018

Delta R.T. -0.00 min

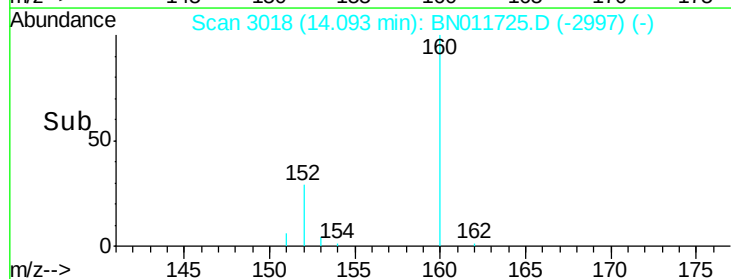
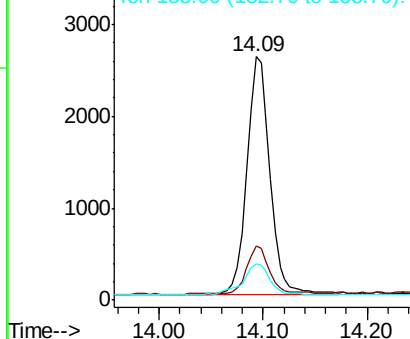
Lab File: BN011725.D

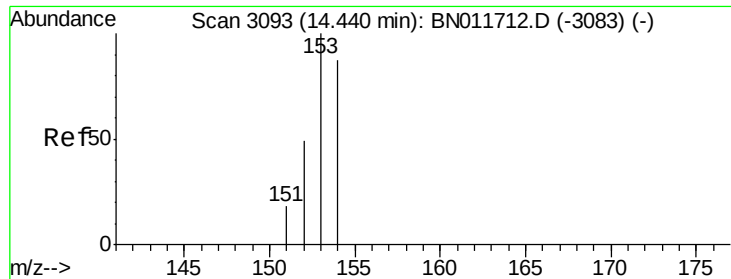
Acq: 05 Sep 2020 06:12

Tgt Ion:152	Resp:	4004
Ion Ratio	Lower	Upper
152 100		
151 22.5	16.7	25.1
153 15.0	12.3	18.5



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





#8

Acenaphthene

Concen: 0.021 ng/ul

RT: 14.44 min Scan# 3093

Delta R.T. 0.00 min

Lab File: BN011725.D

Acq: 05 Sep 2020 06:12

Instrument :

BNA_N

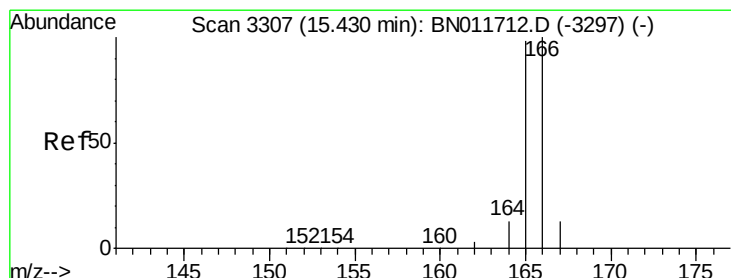
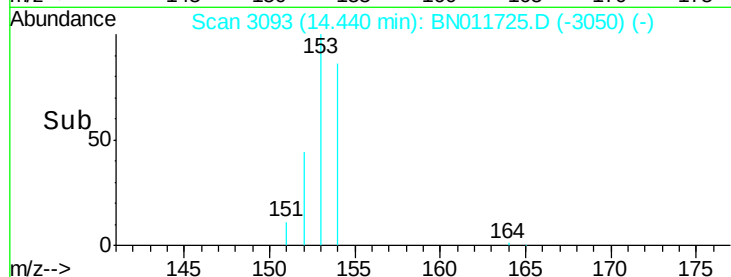
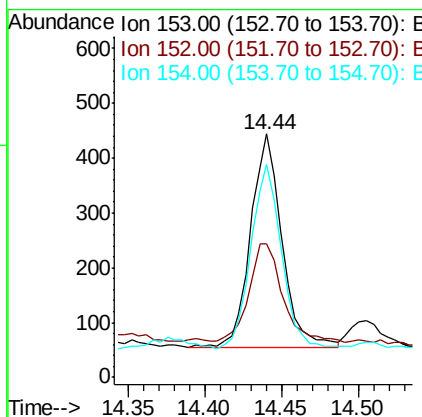
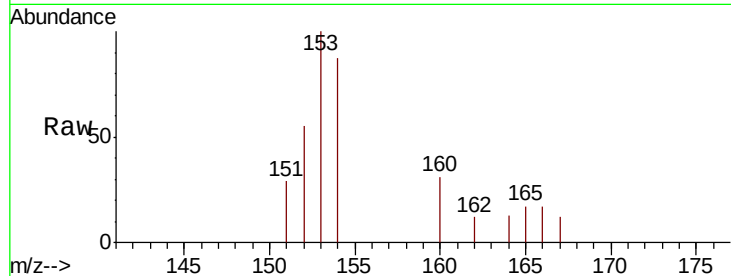
ClientSampleId :

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Tot Ion:	153	Resp:	557
Ion	Ratio	Lower	Upper
153	100		
152	54.7	41.0	61.6
154	87.4	70.2	105.2

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#9

Fluorene

Concen: 0.023 ng/ul

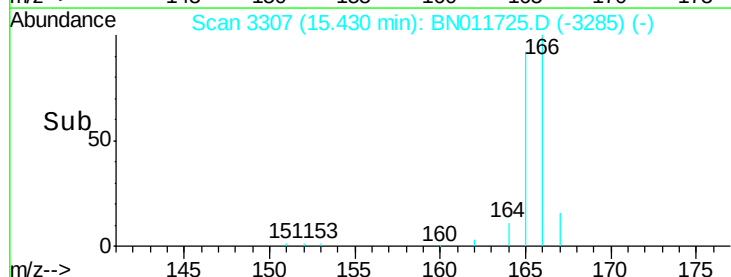
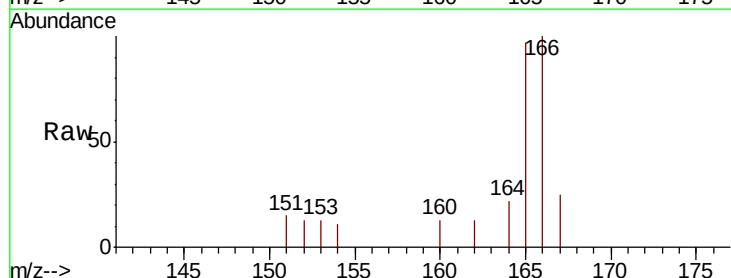
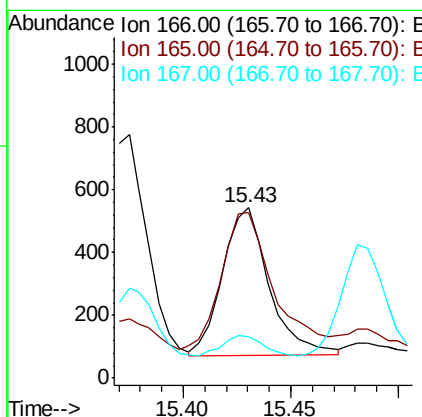
RT: 15.43 min Scan# 3307

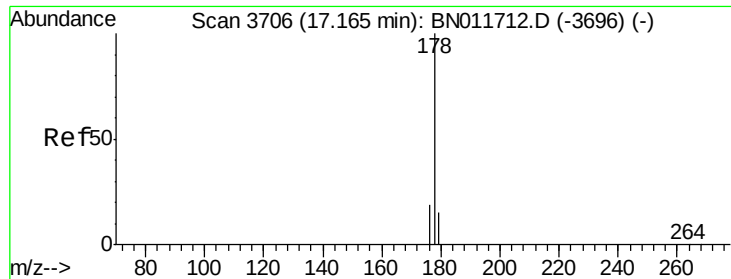
Delta R.T. 0.00 min

Lab File: BN011725.D

Acq: 05 Sep 2020 06:12

Tgt Ion:	166	Resp:	715
Ion	Ratio	Lower	Upper
166	100		
165	97.1	77.7	116.5
167	24.7	12.5	18.7#





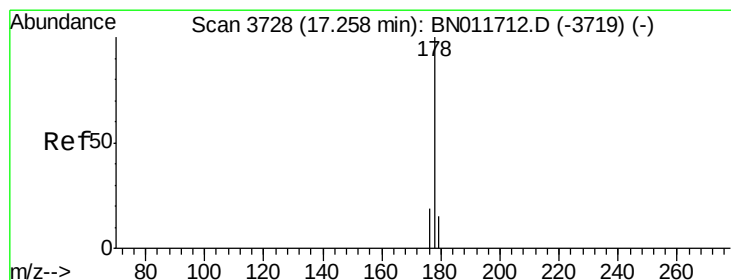
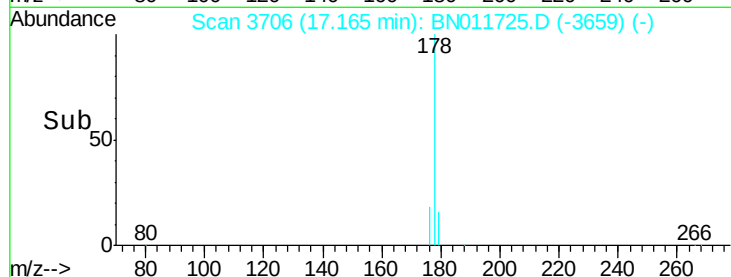
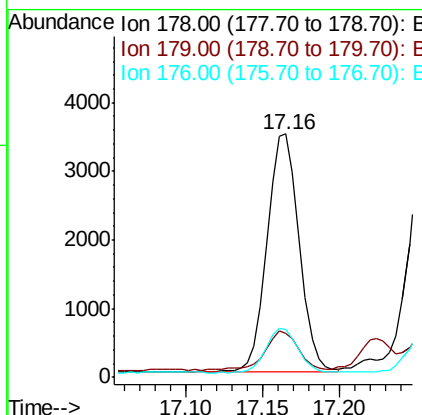
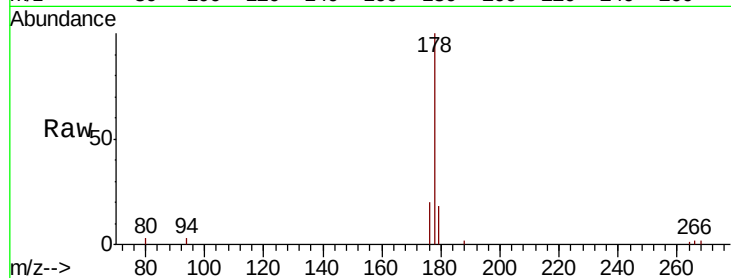
#12
Phenanthrene
Concen: 0.100 ng/ul
RT: 17.16 min Scan# 3706
Delta R.T. 0.00 min
Lab File: BN011725.D
Acq: 05 Sep 2020 06:12

Instrument :
BNA_N
ClientSampleId :
C0AD3

Tot Ion	Ratio	Lower	Upper
178	100		
179	18.3	13.8	20.8
176	19.8	16.3	24.5

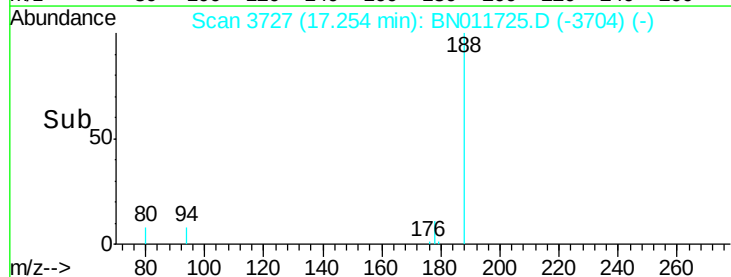
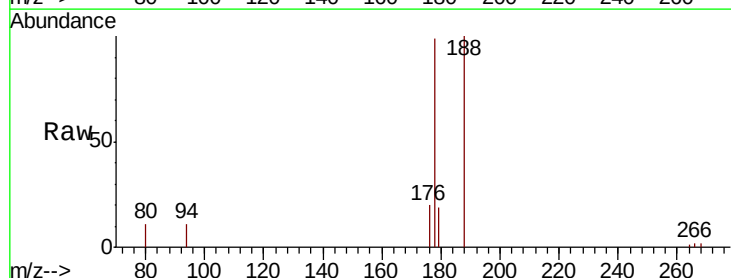
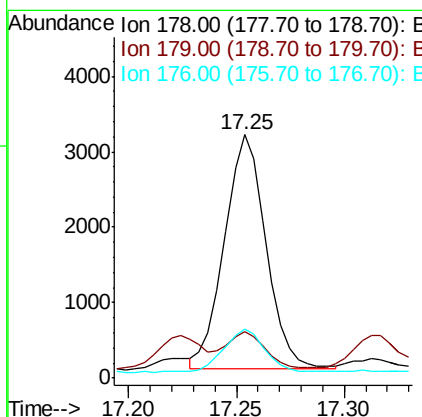
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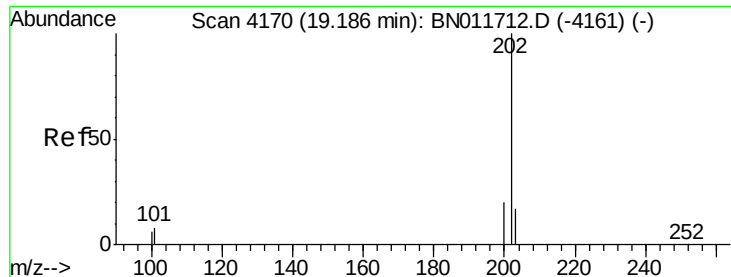
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#13
Anthracene
Concen: 0.101 ng/ul m
RT: 17.25 min Scan# 3727
Delta R.T. -0.00 min
Lab File: BN011725.D
Acq: 05 Sep 2020 06:12

Tgt Ion	Ratio	Lower	Upper
178	100		
179	18.8	14.2	21.2
176	20.0	15.8	23.8





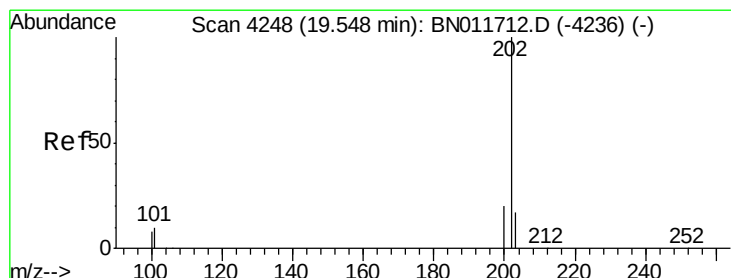
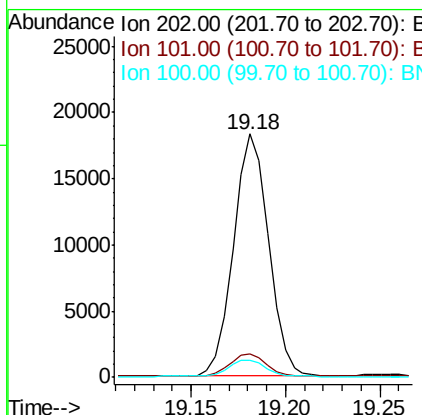
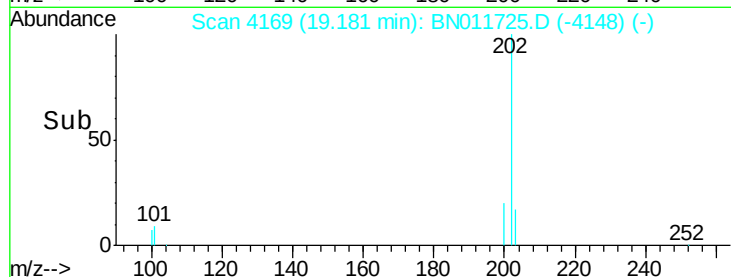
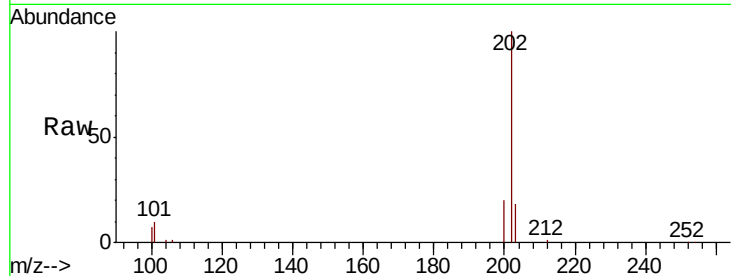
#15
Fluoranthene
Concen: 0.409 ng/ul
RT: 19.18 min Scan# 4169
Delta R.T. -0.00 min
Lab File: BN011725.D
Acq: 05 Sep 2020 06:12

Instrument :
BNA_N
ClientSampled :
C0AD3

Tot Ion:	202	Resp:	23525
Ion Ratio	Lower	Upper	
202	100		
101	9.5	0.0	28.3
100	7.2	0.0	27.1

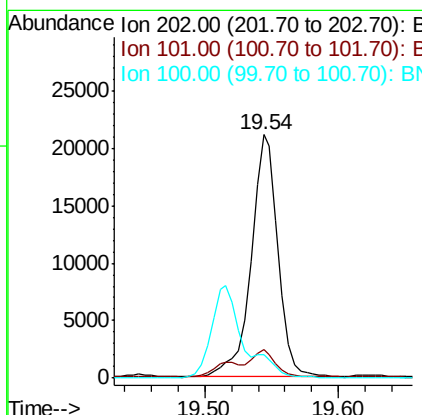
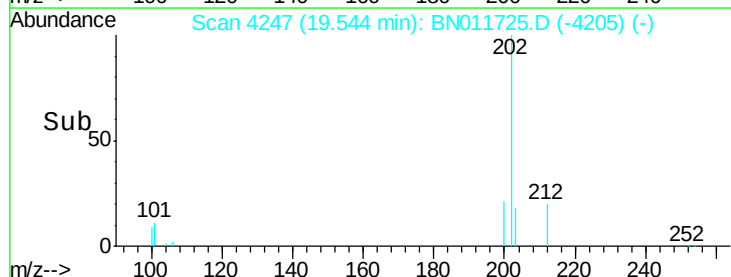
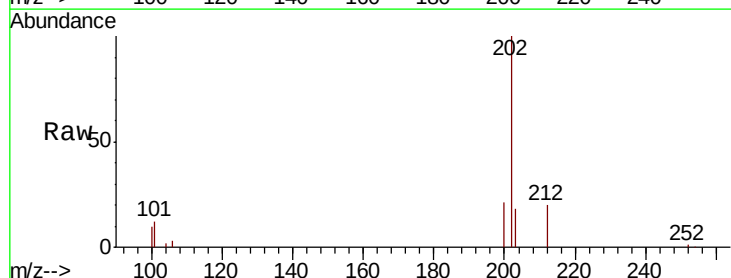
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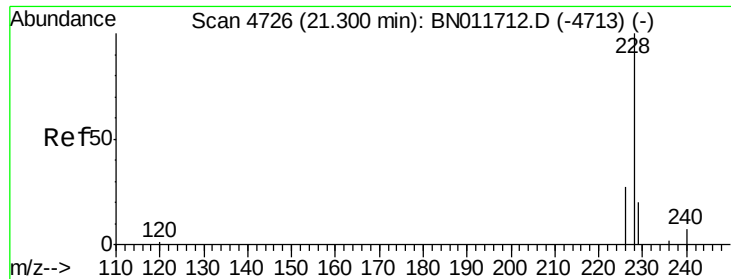
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#17
Pyrene
Concen: 0.549 ng/ul
RT: 19.54 min Scan# 4247
Delta R.T. -0.00 min
Lab File: BN011725.D
Acq: 05 Sep 2020 06:12

Tgt Ion:	202	Resp:	29455
Ion Ratio	Lower	Upper	
202	100		
101	11.7	7.3	10.9#
100	9.7	6.7	10.1





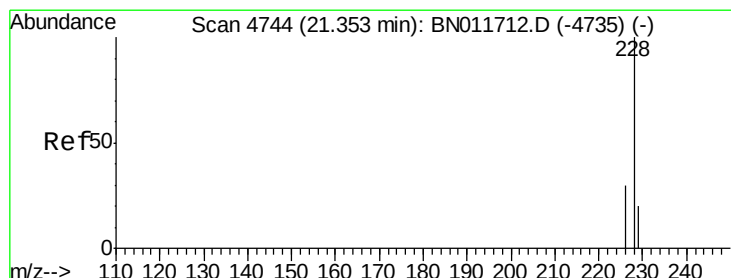
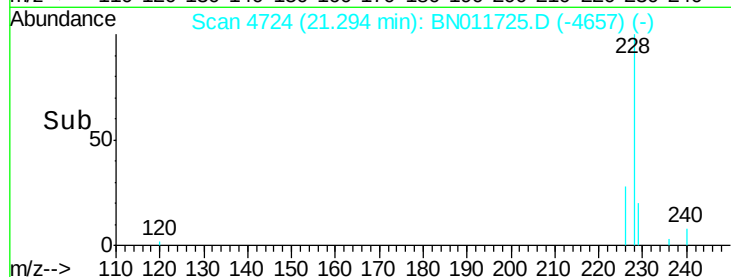
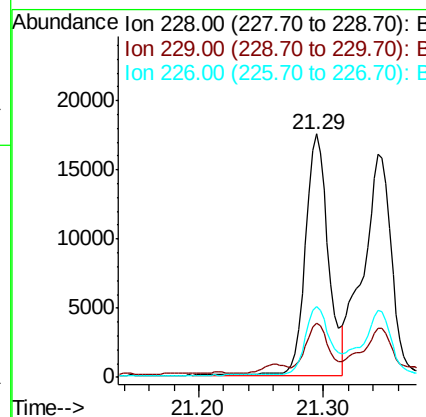
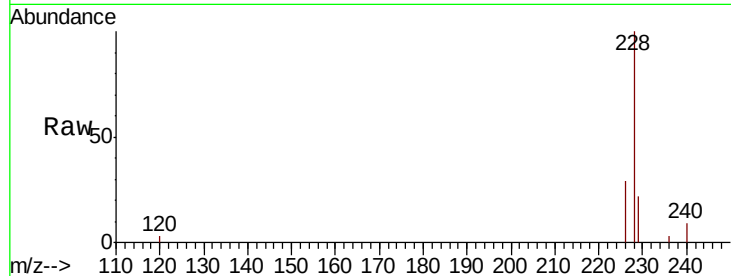
#18
Benzo(a)anthracene
Concen: 0.482 ng/ul
RT: 21.29 min Scan# 4724
Delta R.T. -0.01 min
Lab File: BN011725.D
Acq: 05 Sep 2020 06:12

Instrument :
BNA_N
ClientSampleId :
C0AD3

Tot Ion	Ratio	Lower	Upper
228	100		
229	22.0	16.7	25.1
226	29.2	22.9	34.3

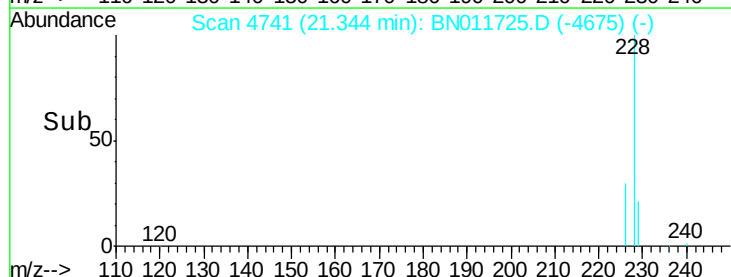
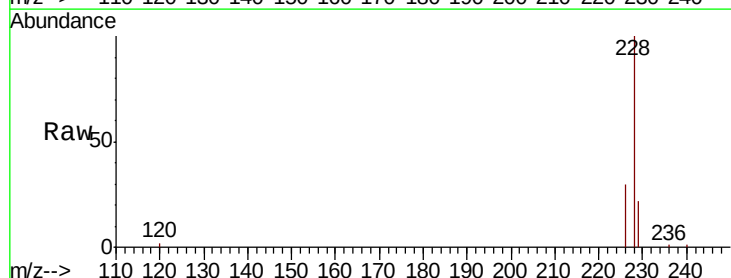
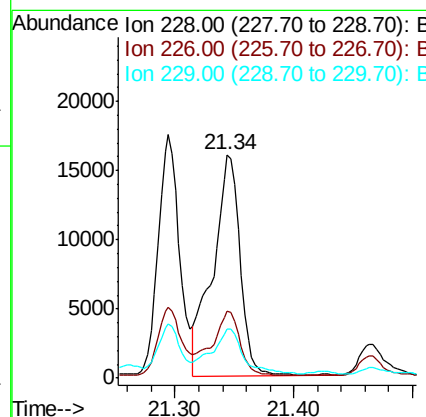
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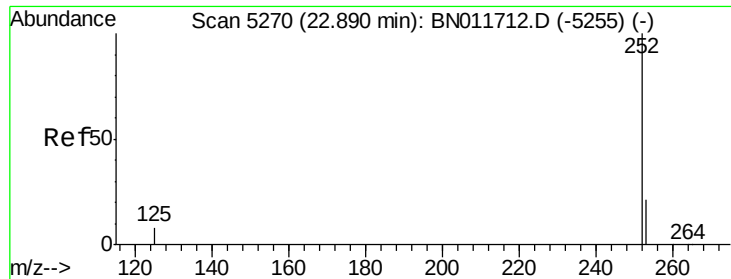
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#19
Chrysene
Concen: 0.412 ng/ul
RT: 21.34 min Scan# 4741
Delta R.T. -0.01 min
Lab File: BN011725.D
Acq: 05 Sep 2020 06:12

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.1	36.1
229	21.9	16.4	24.6





#21

Benzo(b)fluoranthene

Concen: 0.941 ng/ul m

RT: 22.88 min Scan# 5268

Delta R.T. -0.01 min

Lab File: BN011725.D

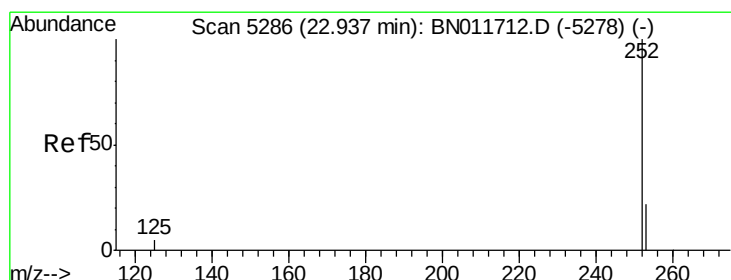
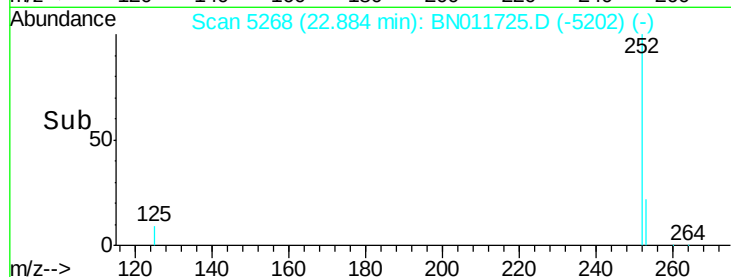
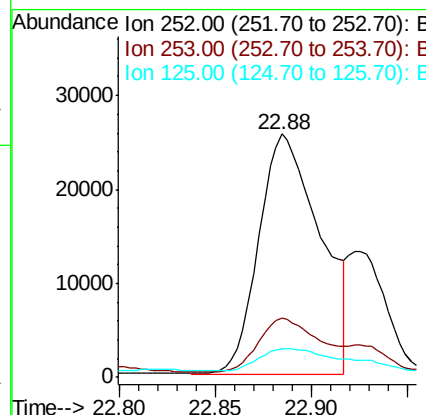
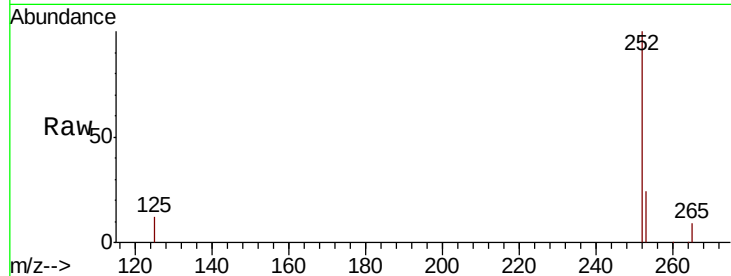
Acq: 05 Sep 2020 06:12

Instrument :
BNA_N
ClientSampleId :
C0AD3

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.1	0.0	54.8
125	11.7	0.0	22.2

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#22

Benzo(k)fluoranthene

Concen: 0.282 ng/ul m

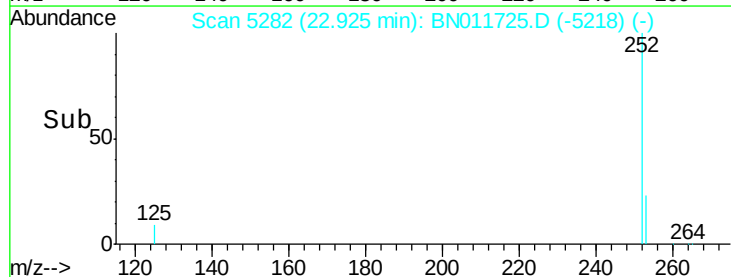
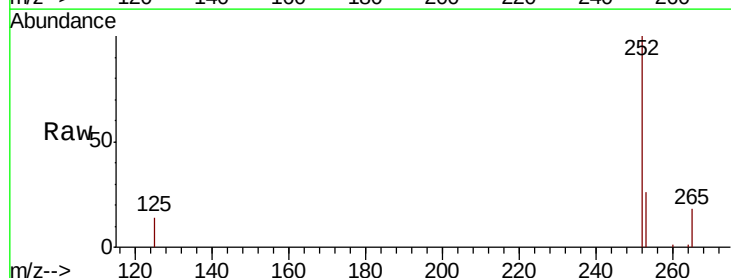
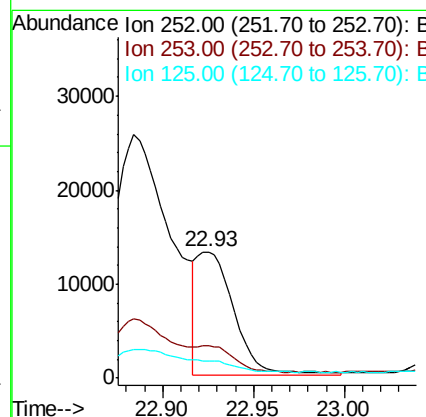
RT: 22.93 min Scan# 5282

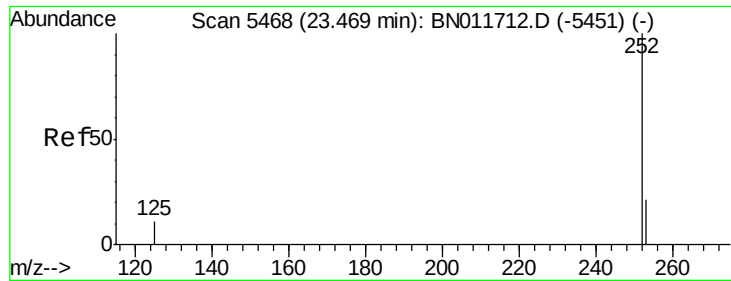
Delta R.T. -0.01 min

Lab File: BN011725.D

Acq: 05 Sep 2020 06:12

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.2	21.8	32.6
125	13.7	9.1	13.7#





#23

Benzo(a)pyrene

Concen: 0.569 ng/ul

RT: 23.46 min Scan# 5466

Delta R.T. -0.01 min

Lab File: BN011725.D

Acq: 05 Sep 2020 06:12

Instrument :

BNA_N

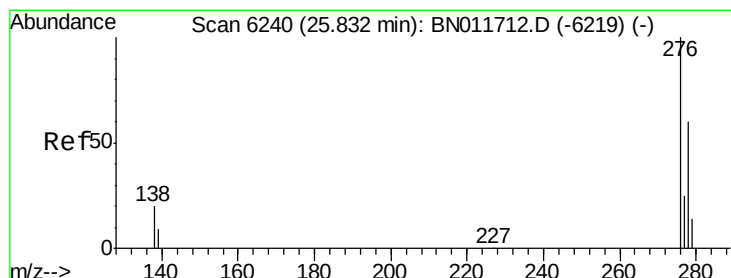
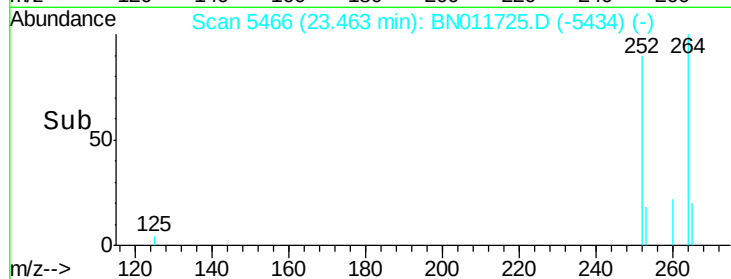
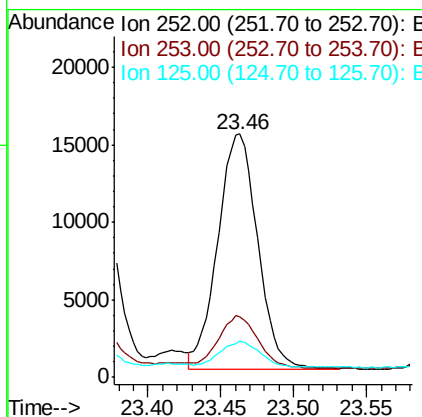
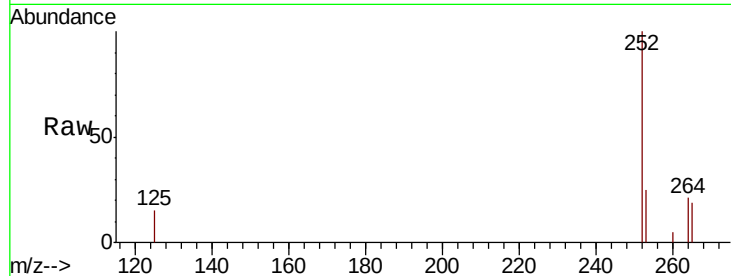
ClientSampleId :

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Tot Ion:	252	Resp:	28851
Ion Ratio	Lower	Upper	
252	100		
253	25.1	24.4	36.6
125	14.7	11.1	16.7

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#24

Indeno(1,2,3-cd)pyrene

Concen: 0.281 ng/ul

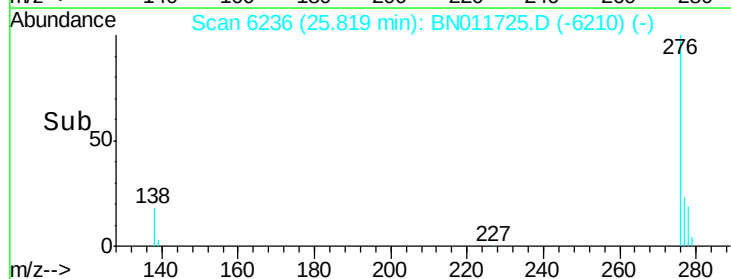
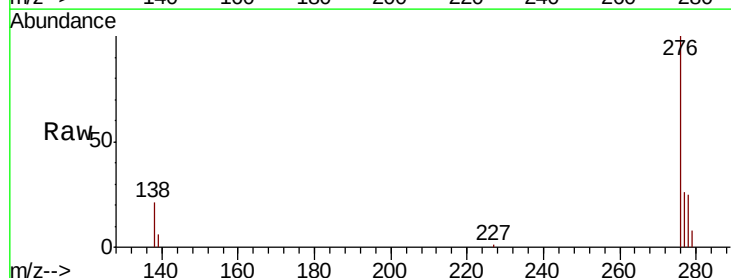
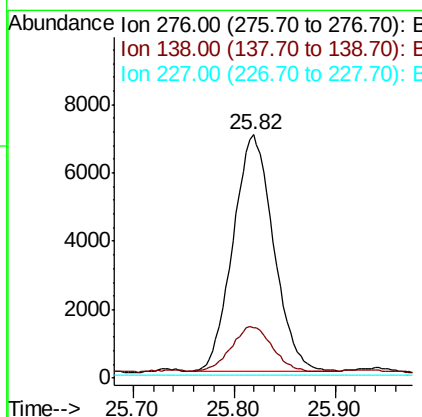
RT: 25.82 min Scan# 6236

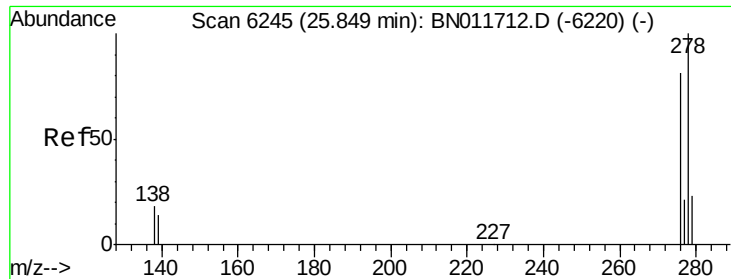
Delta R.T. -0.01 min

Lab File: BN011725.D

Acq: 05 Sep 2020 06:12

Tgt Ion:	276	Resp:	19272
Ion Ratio	Lower	Upper	
276	100		
138	19.0	15.8	23.6
227	0.1	0.2	0.2#





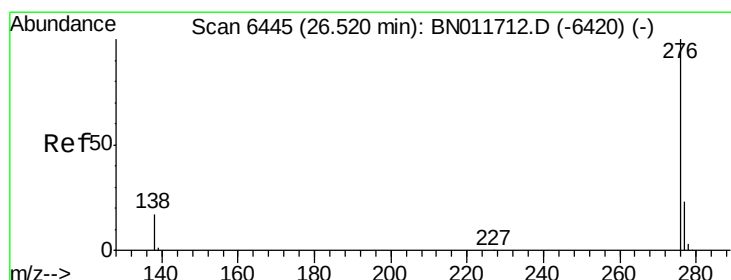
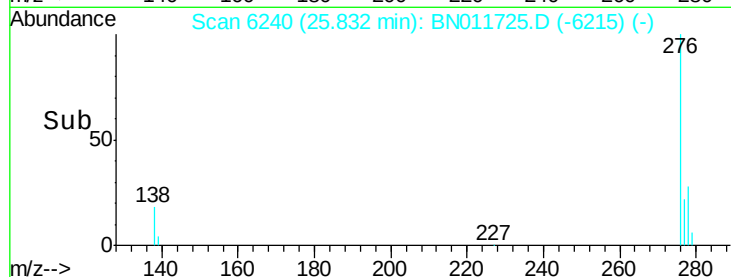
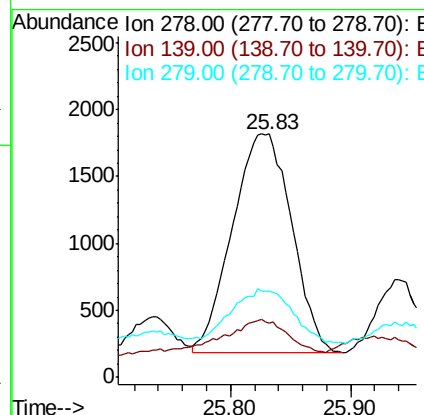
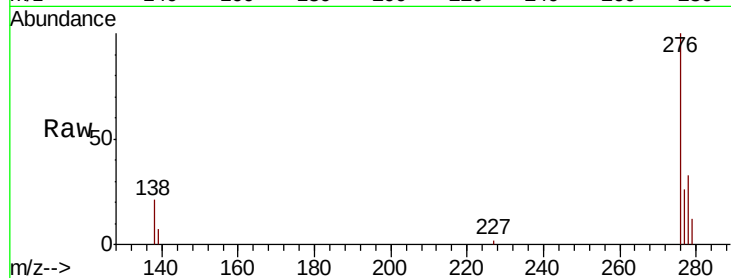
#25
Dibenzo(a,h)anthracene
Concen: 0.100 ng/ul
RT: 25.83 min Scan# 6240
Delta R.T. -0.02 min
Lab File: BN011725.D
Acq: 05 Sep 2020 06:12

Instrument :
BNA_N
ClientSampleId :
C0AD3

Tot Ion	Ratio	Lower	Upper
278	100		
139	22.1	12.1	18.1#
279	35.6	22.9	34.3#

Manual Integrations
APPROVED

mohammad
9/8/2020 1:47:46 PM



#26
Benzo(g,h,i)perylene
Concen: 0.253 ng/ul
RT: 26.51 min Scan# 6442
Delta R.T. -0.01 min
Lab File: BN011725.D
Acq: 05 Sep 2020 06:12

Tgt Ion	Ratio	Lower	Upper
276	100		
138	22.0	15.8	23.6
277	25.3	20.6	31.0

