

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN112420\
 Data File : BN012724.D
 Acq On : 24 Nov 2020 19:51
 Operator : CG/JU
 Sample : L4751-19
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AX4

Manual Integrations
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Quant Time: Nov 25 03:05:45 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN112020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 25 01:45:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.44	152	977	0.40	ng/ul	0.00
2) Naphthalene-d8	10.20	136	4183	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.09	164	2308	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.85	188	4600	0.40	ng/ul	0.00
16) Chrysene-d12	21.06	240	3604	0.40	ng/ul	0.00
20) Perylene-d12	23.18	264	3768	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.81	152	925	0.15	ng/ul	0.00
14) Fluoranthene-d10	18.89	212	1876	0.16	ng/ul	0.00
Target Compounds					Ovalue	
3) Naphthalene	10.25	128	1752	0.139	ng/ul	97
5) 2-Methylnaphthalene	11.88	142	1275	0.159	ng/ul	98
7) Acenaphthylene	13.81	152	420	0.037	ng/ul#	65
8) Acenaphthene	14.16	153	192	0.020	ng/ul#	92
12) Phenanthrene	16.89	178	5885	0.368	ng/ul	98
13) Anthracene	16.98	178	1064	0.076	ng/ul#	92
15) Fluoranthene	18.92	202	15584	0.843	ng/ul	98
17) Pyrene	19.28	202	14985	0.930	ng/ul	96
18) Benzo(a)anthracene	21.05	228	7368	0.571	ng/ul	99
19) Chrysene	21.10	228	8428	0.522	ng/ul	98
21) Benzo(b)fluoranthene	22.56	252	11470m	0.662	ng/ul	
22) Benzo(k)fluoranthene	22.59	252	4330m	0.217	ng/ul	
23) Benzo(a)pyrene	23.09	252	7857	0.482	ng/ul	93
24) Indeno(1,2,3-cd)pyrene	25.26	276	5579	0.262	ng/ul#	100
25) Dibenzo(a,h)anthracene	25.26	278	1301	0.076	ng/ul#	58
26) Benzo(a,h,i)perylene	25.89	276	5053	0.263	ng/ul	96

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

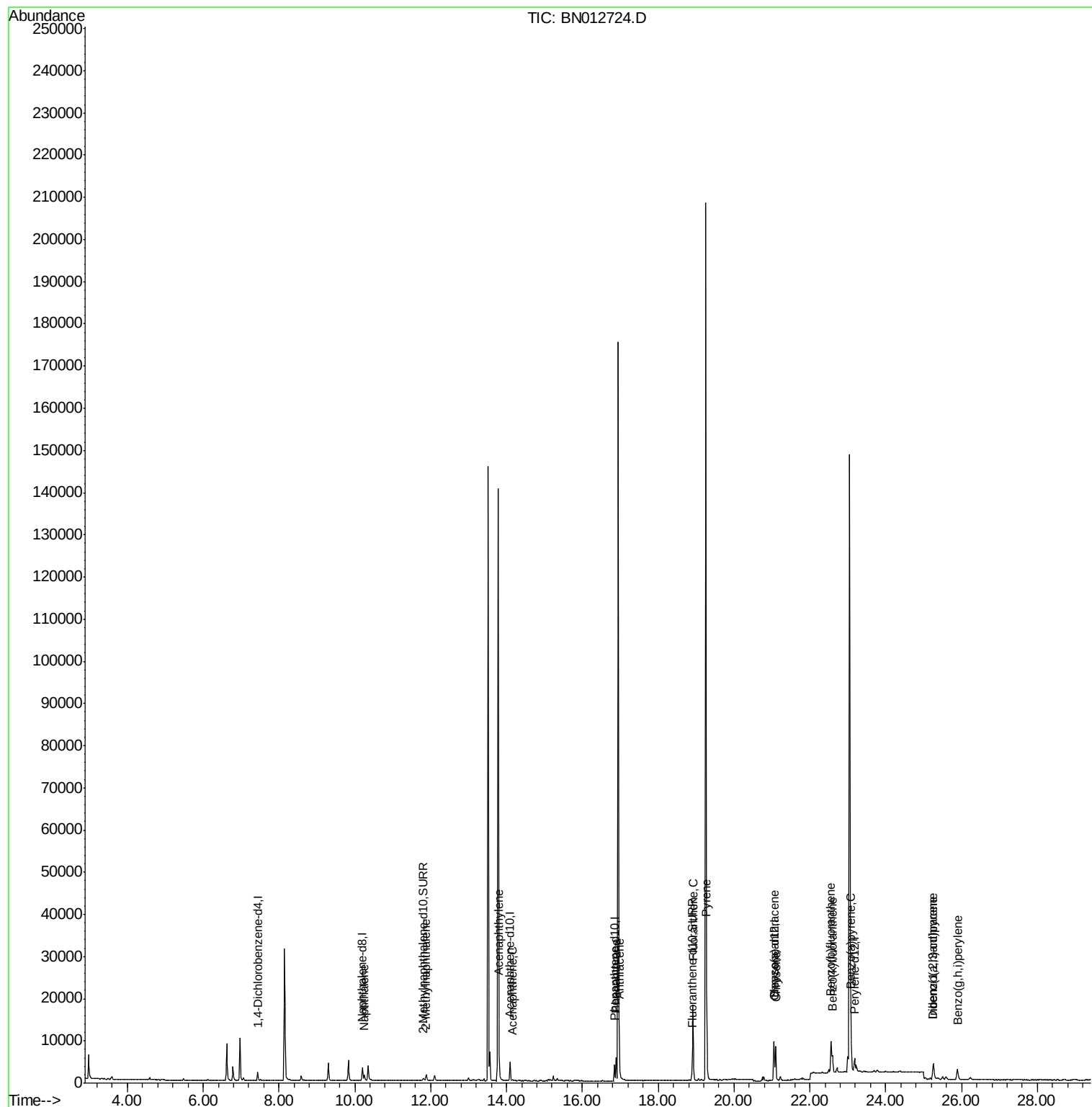
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN112420\
Data File : BN012724.D
Acq On : 24 Nov 2020 19:51
Operator : CG/JU
Sample : L4751-19
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ALS Vial : 16 Sample Multiplier: 1

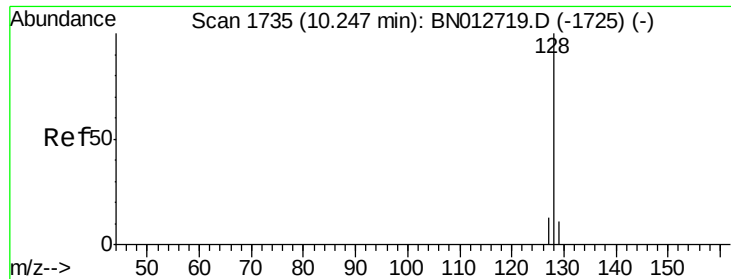
Instrument :
BNA_N
ClientSampleId :
C0AX4

Quant Time: Nov 25 03:05:45 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN112020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 25 01:45:20 2020
Response via : Initial Calibration

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#3

Naphthalene

Concen: 0.139 ng/ul

RT: 10.25 min Scan# 1736

Delta R.T. 0.00 min

Lab File: BN012724.D

Acq: 24 Nov 2020 19:51

Instrument :

BNA_N

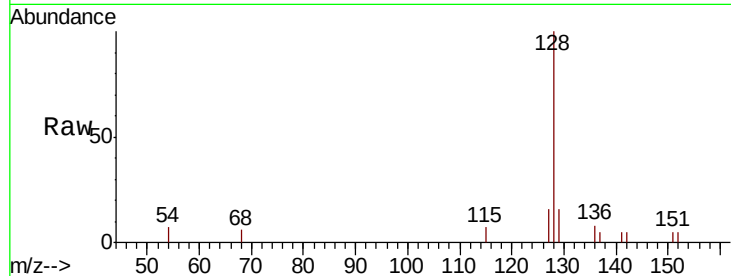
ClientSampled :

C0AX4

Tot Ion:	128	Resp:	1752
Ion Ratio	Lower	Upper	
128	100		
129	15.8	11.2	16.8
127	16.5	12.5	18.7

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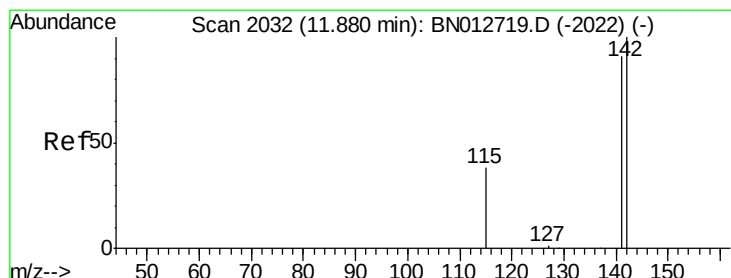
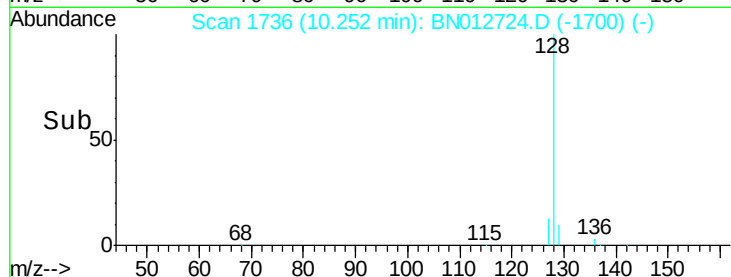
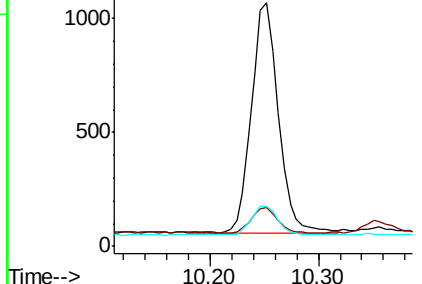
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#5

2-Methylnaphthalene

Concen: 0.159 ng/ul

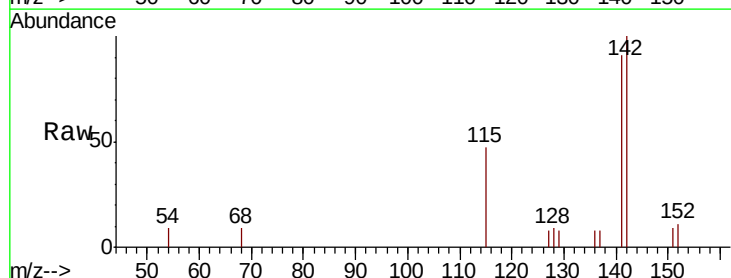
RT: 11.88 min Scan# 2032

Delta R.T. 0.00 min

Lab File: BN012724.D

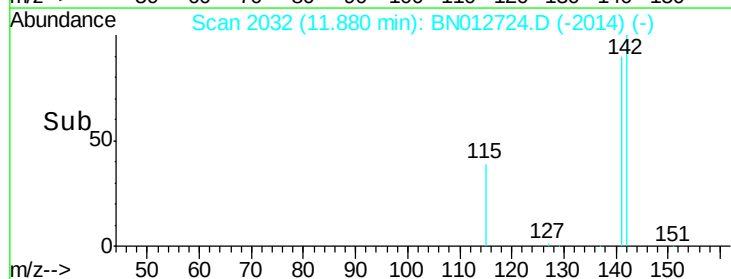
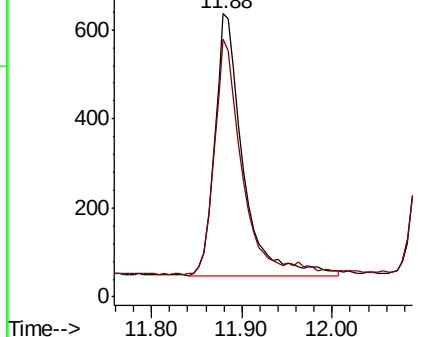
Acq: 24 Nov 2020 19:51

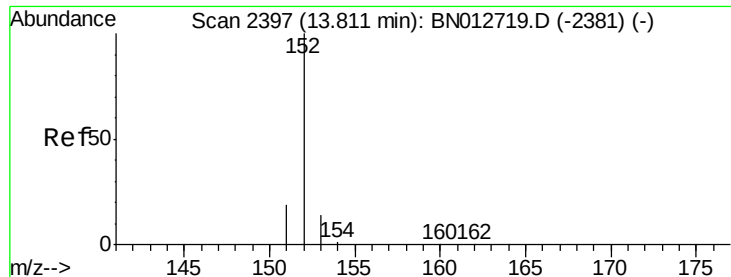
Tgt Ion:	142	Resp:	1275
Ion Ratio	Lower	Upper	
142	100		
141	88.6	72.3	108.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.037 ng/ul

RT: 13.81 min Scan# 2397

Delta R.T. 0.00 min

Lab File: BN012724.D

Acq: 24 Nov 2020 19:51

Instrument :

BNA_N

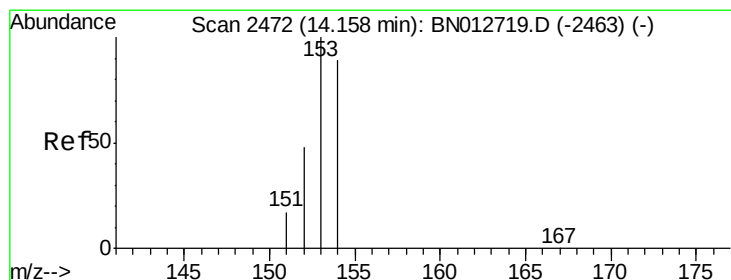
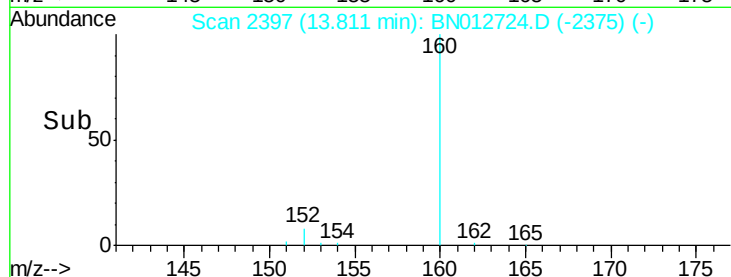
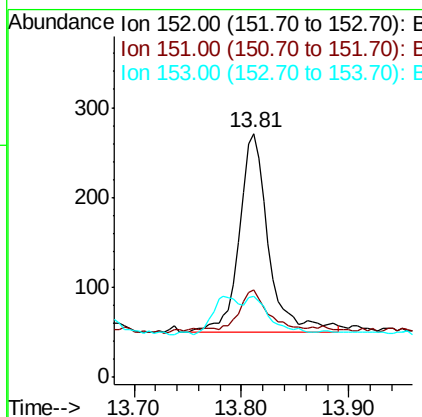
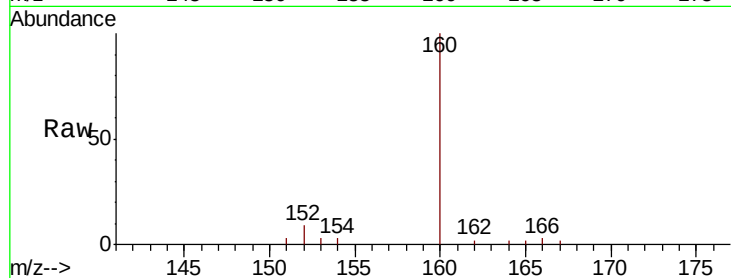
ClientSampled :

C0AX4

Tot Ion:	152	Resp:	420
Ion Ratio	Lower	Upper	
152	100		
151	35.8	17.1	25.7#
153	33.2	12.6	19.0#

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#8

Acenaphthene

Concen: 0.020 ng/ul

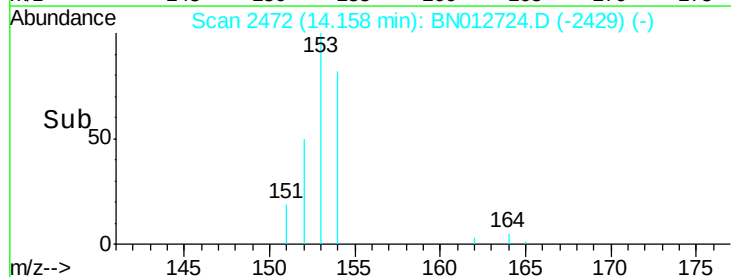
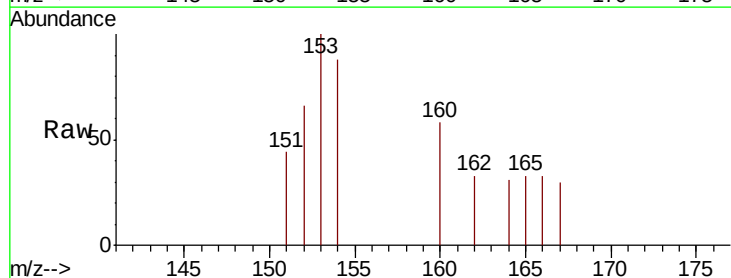
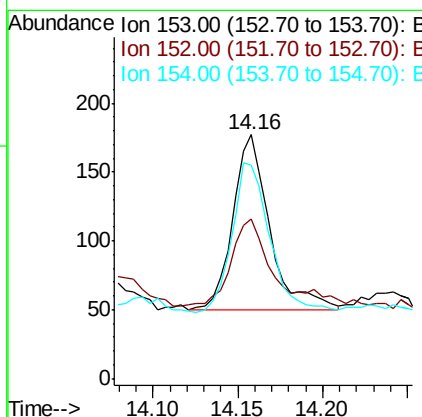
RT: 14.16 min Scan# 2472

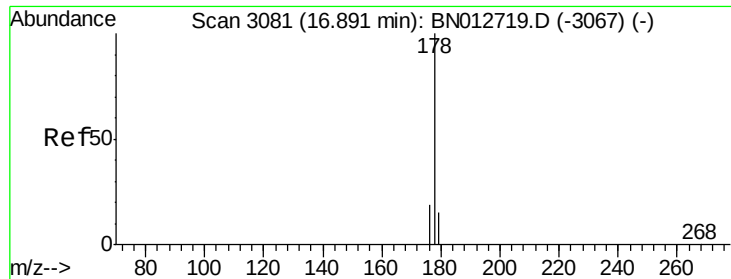
Delta R.T. 0.00 min

Lab File: BN012724.D

Acq: 24 Nov 2020 19:51

Tgt Ion:	153	Resp:	192
Ion Ratio	Lower	Upper	
153	100		
152	65.5	41.4	62.0#
154	87.6	70.9	106.3





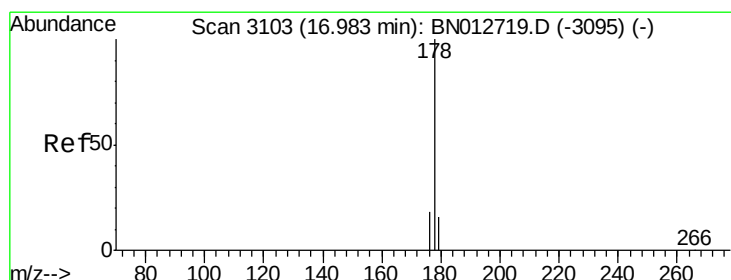
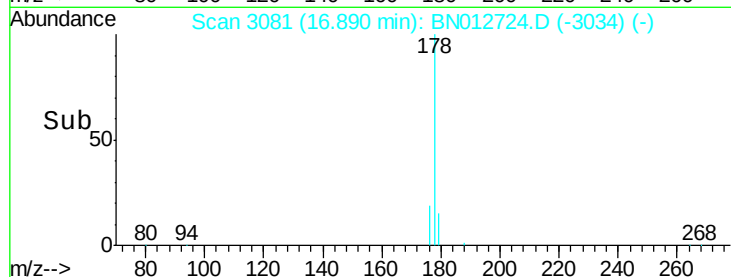
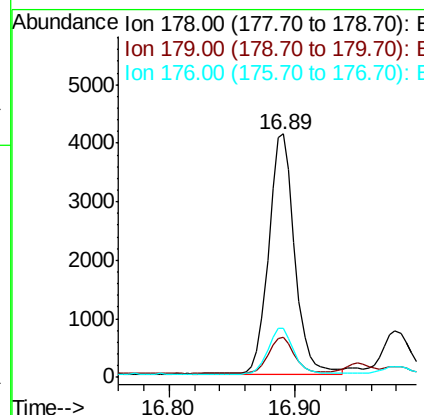
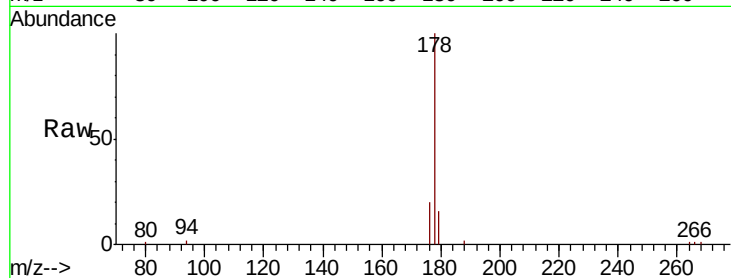
#12
Phenanthrene
Concen: 0.368 ng/ul
RT: 16.89 min Scan# 3081
Delta R.T. 0.00 min
Lab File: BN012724.D
Acq: 24 Nov 2020 19:51

Instrument :
BNA_N
ClientSampled :
C0AX4

Tot Ion	Ratio	Lower	Upper
178	100		
179	16.4	13.8	20.6
176	20.1	16.7	25.1

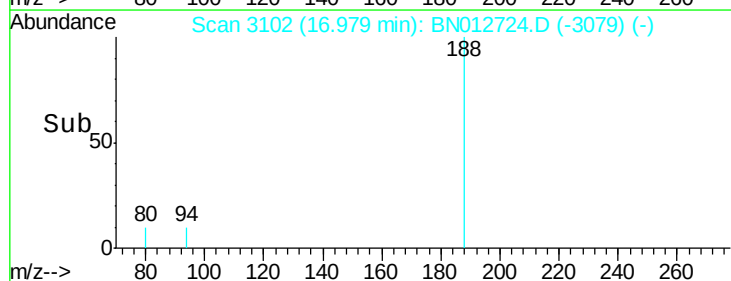
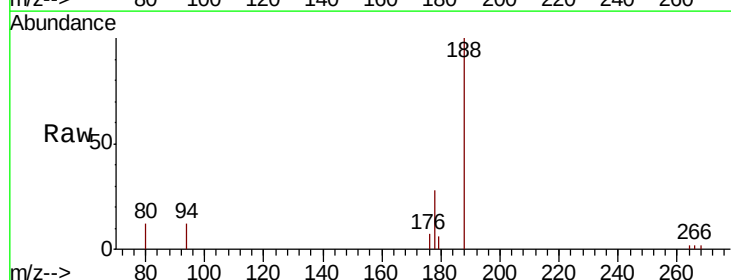
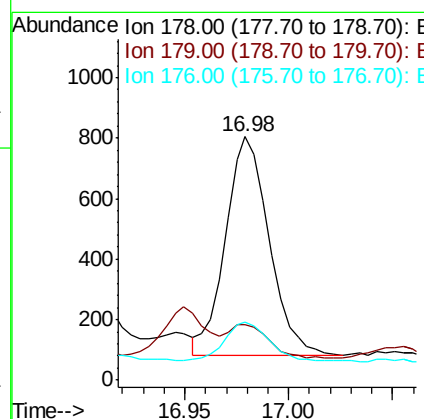
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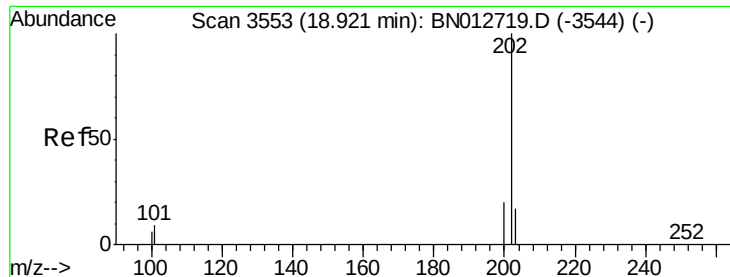
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#13
Anthracene
Concen: 0.076 ng/ul
RT: 16.98 min Scan# 3102
Delta R.T. -0.00 min
Lab File: BN012724.D
Acq: 24 Nov 2020 19:51

Tgt Ion	Ratio	Lower	Upper
178	100		
179	22.6	14.8	22.2#
176	23.7	16.3	24.5





#15

Fluoranthene

Concen: 0.843 ng/ul

RT: 18.92 min Scan# 3552

Delta R.T. -0.00 min

Lab File: BN012724.D

Acq: 24 Nov 2020 19:51

Instrument :

BNA_N

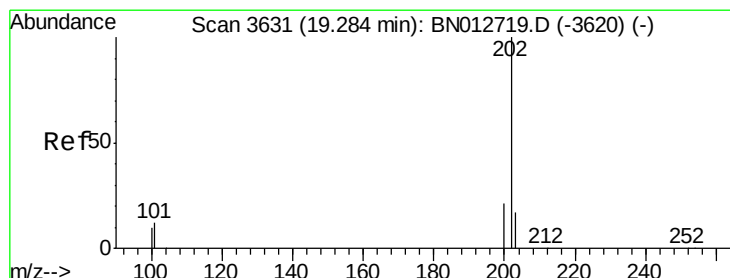
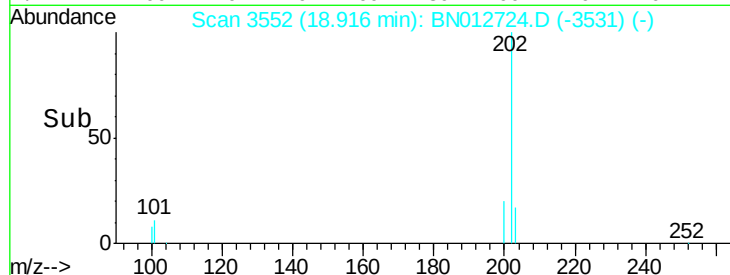
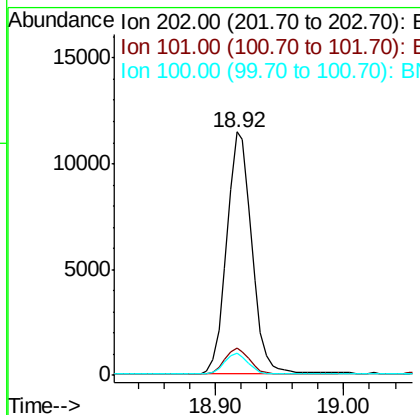
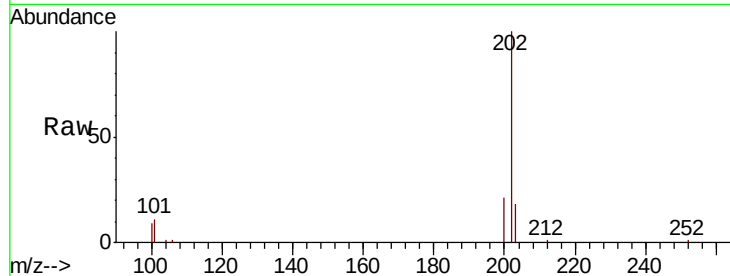
ClientSampleId :

C0AX4

Tot Ion:	202	Resp:	15584
Ion Ratio	Lower	Upper	
202	100		
101	11.1	0.0	30.5
100	8.9	0.0	28.4

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#17

Pyrene

Concen: 0.930 ng/ul

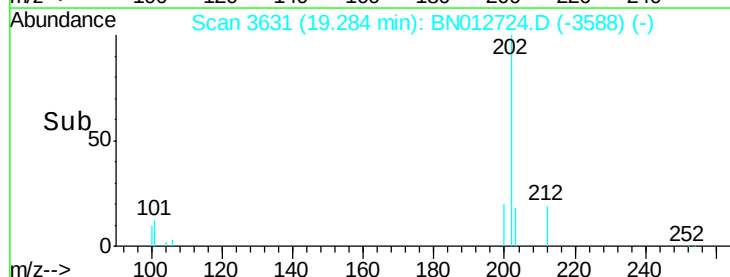
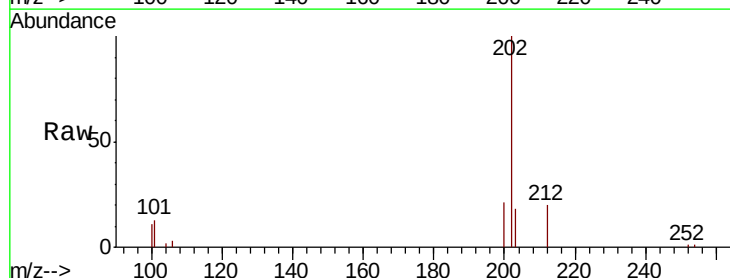
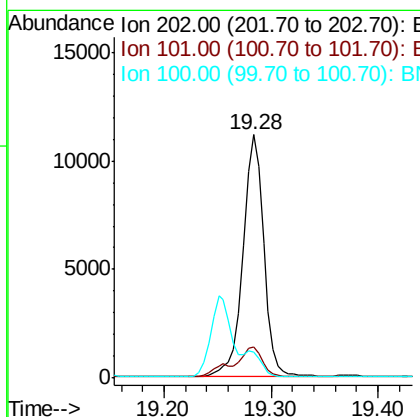
RT: 19.28 min Scan# 3631

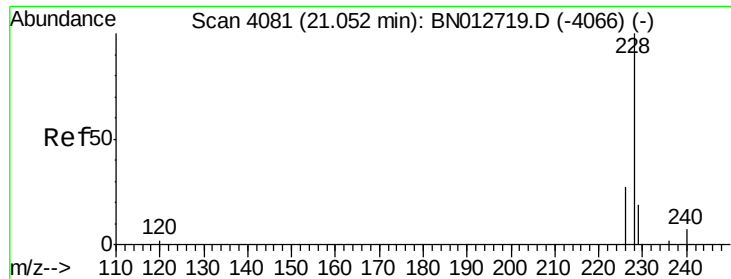
Delta R.T. 0.00 min

Lab File: BN012724.D

Acq: 24 Nov 2020 19:51

Tgt Ion:	202	Resp:	14985
Ion Ratio	Lower	Upper	
202	100		
101	12.9	8.9	13.3
100	10.6	7.4	11.2





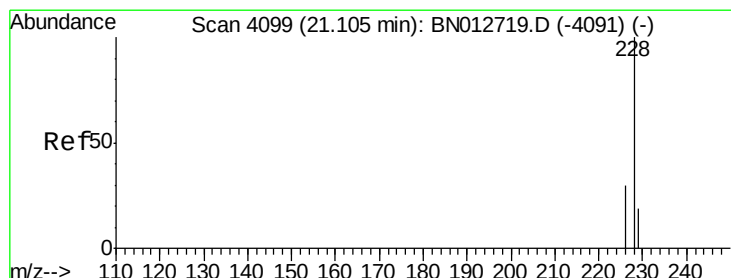
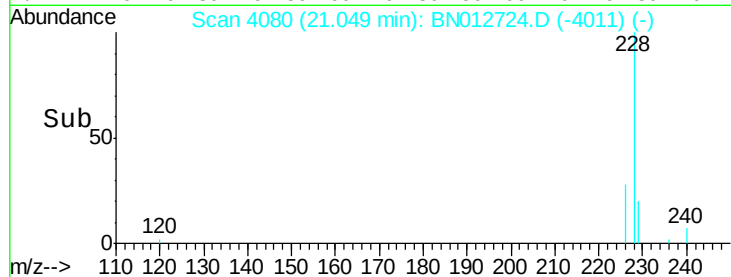
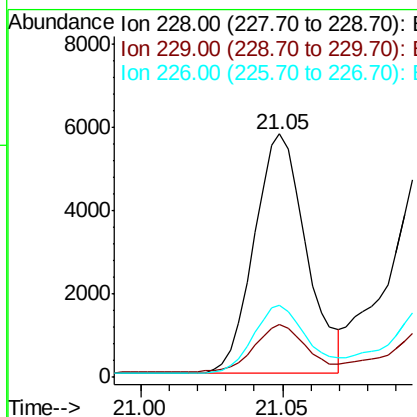
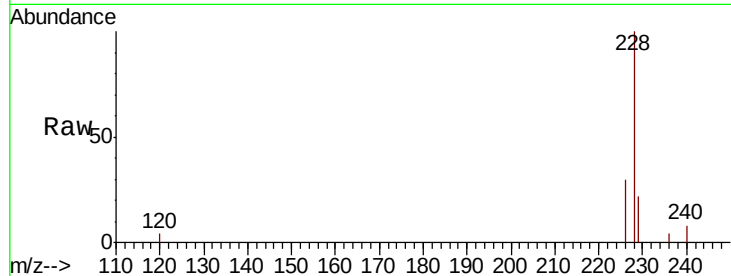
#18
Benzo(a)anthracene
Concen: 0.571 ng/ul
RT: 21.05 min Scan# 4080
Delta R.T. 0.00 min
Lab File: BN012724.D
Acq: 24 Nov 2020 19:51

Instrument :
BNA_N
ClientSampleId :
C0AX4

Tot Ion	Ratio	Lower	Upper
228	100		
229	21.6	16.9	25.3
226	29.5	23.1	34.7

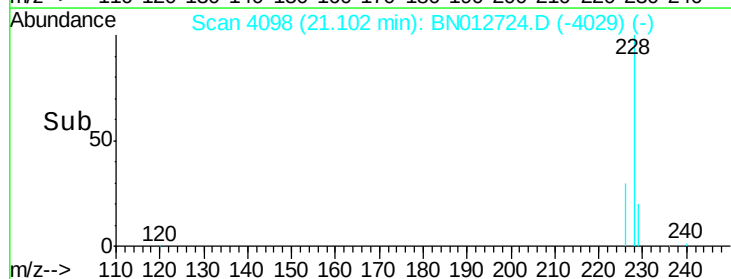
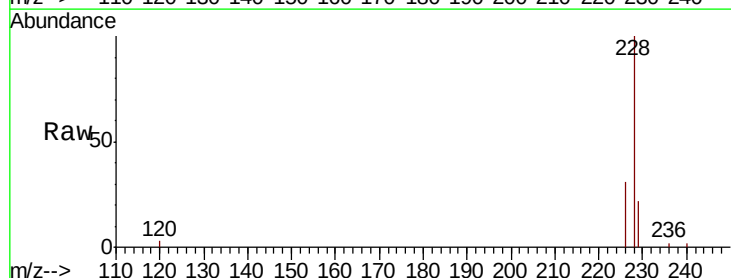
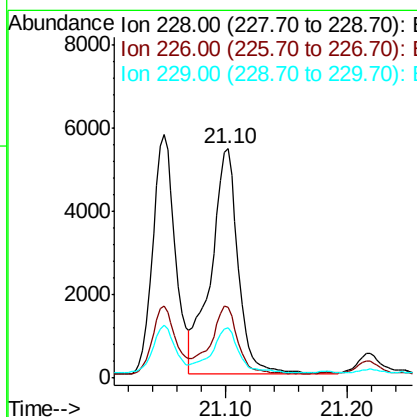
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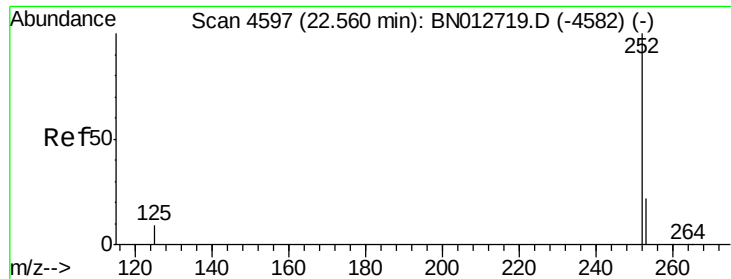
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#19
Chrysene
Concen: 0.522 ng/ul
RT: 21.10 min Scan# 4098
Delta R.T. 0.00 min
Lab File: BN012724.D
Acq: 24 Nov 2020 19:51

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.9	24.4	36.6
229	21.7	16.1	24.1





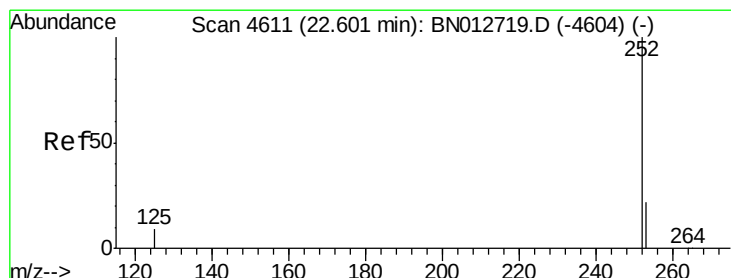
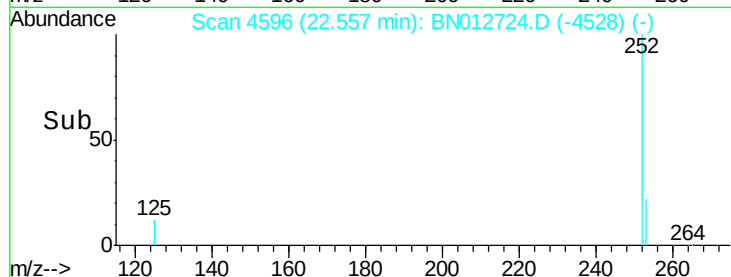
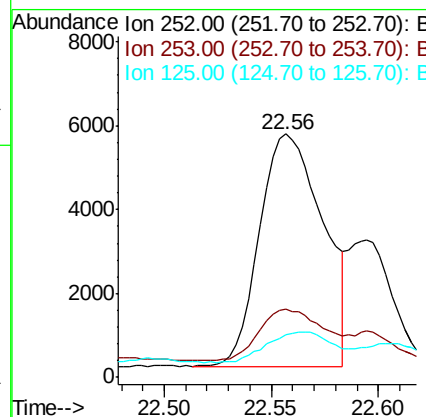
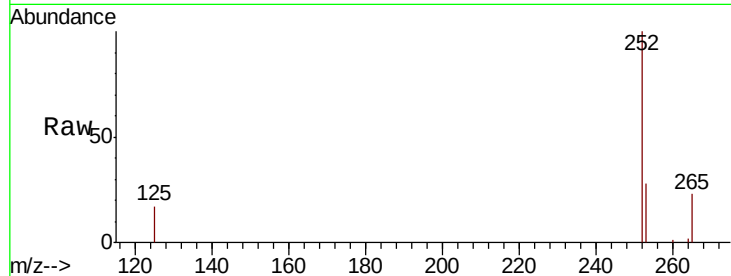
#21
Benzo(b)fluoranthene
Concen: 0.662 ng/ul m
RT: 22.56 min Scan# 4596
Delta R.T. 0.00 min
Lab File: BN012724.D
Acq: 24 Nov 2020 19:51

Instrument :
BNA_N
ClientSampleId :
C0AX4

Tot Ion	Ratio	Lower	Upper
252	100		
253	27.8	0.0	58.4
125	17.4	0.0	28.6

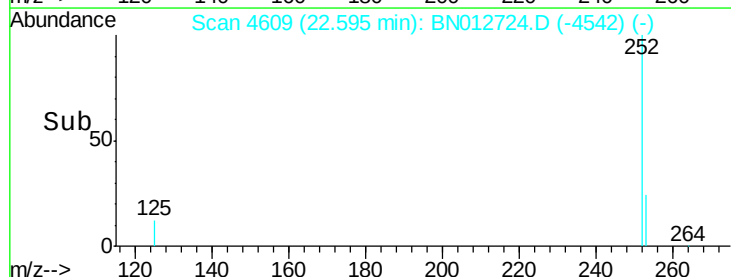
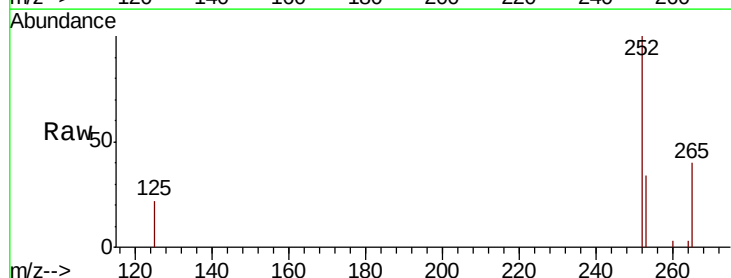
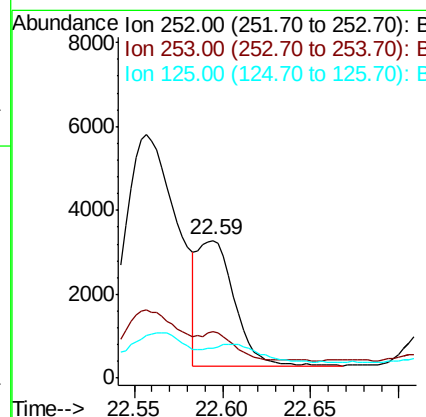
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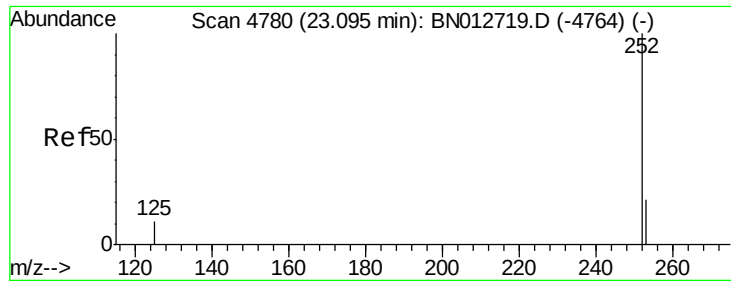
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#22
Benzo(k)fluoranthene
Concen: 0.217 ng/ul m
RT: 22.59 min Scan# 4609
Delta R.T. -0.00 min
Lab File: BN012724.D
Acq: 24 Nov 2020 19:51

Tgt Ion	Ratio	Lower	Upper
252	100		
253	33.7	23.4	35.2
125	21.9	10.2	15.2#





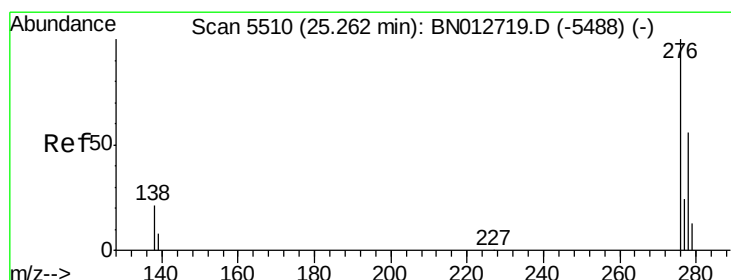
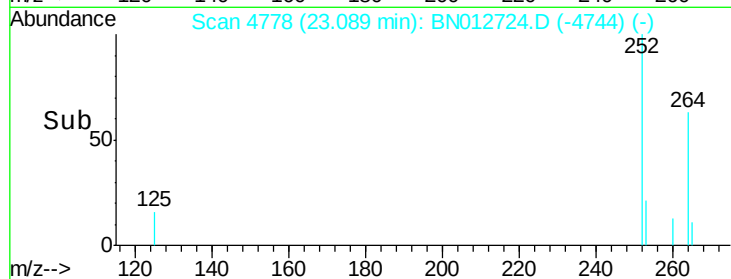
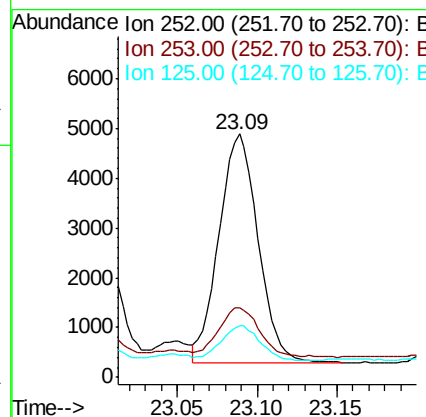
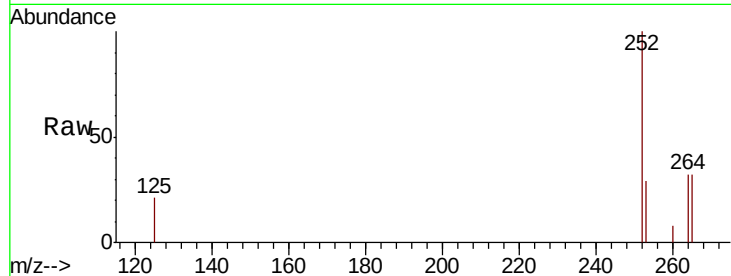
#23
Benzo(a)pyrene
Concen: 0.482 ng/ul
RT: 23.09 min Scan# 4778
Delta R.T. 0.00 min
Lab File: BN012724.D
Acq: 24 Nov 2020 19:51

Instrument :
BNA_N
ClientSampleId :
C0AX4

Tot Ion	Ratio	Lower	Upper
252	100		
253	28.6	27.6	41.4
125	21.0	17.0	25.4

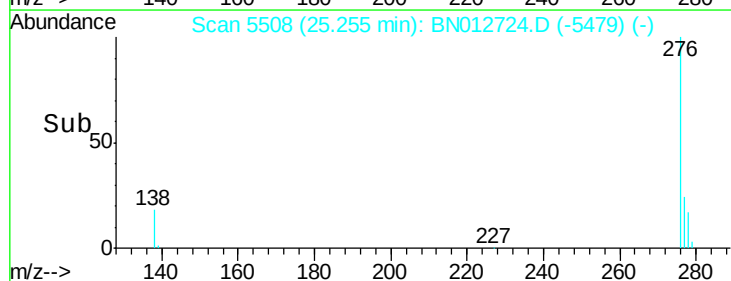
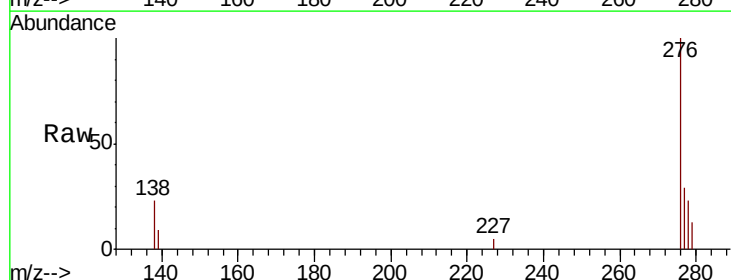
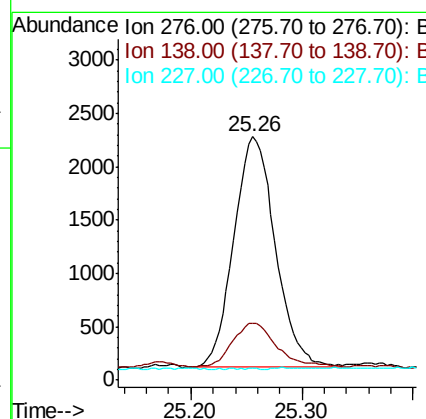
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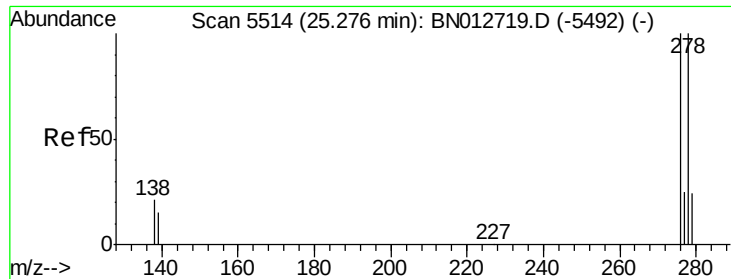
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#24
Indeno(1,2,3-cd)pyrene
Concen: 0.262 ng/ul
RT: 25.26 min Scan# 5508
Delta R.T. -0.00 min
Lab File: BN012724.D
Acq: 24 Nov 2020 19:51

Tgt Ion	Ratio	Lower	Upper
276	100		
138	20.8	16.5	24.7
227	0.1	0.1	0.1#





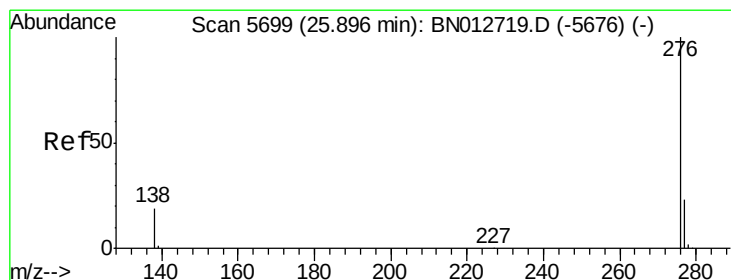
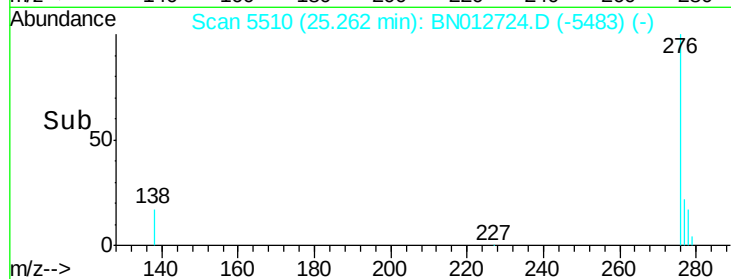
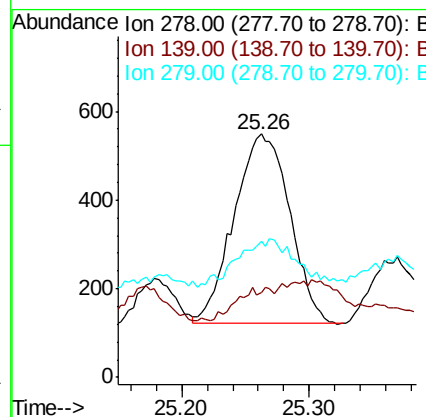
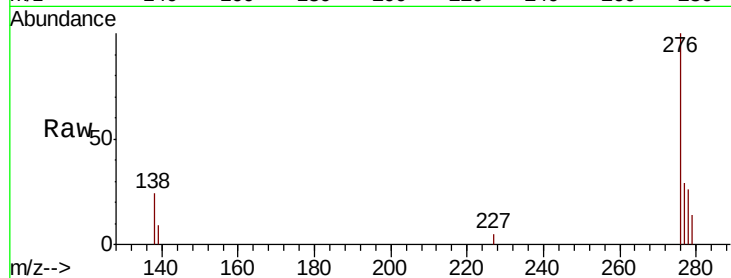
#25
Dibenzo(a,h)anthracene
Concen: 0.076 ng/ul
RT: 25.26 min Scan# 5510
Delta R.T. -0.01 min
Lab File: BN012724.D
Acq: 24 Nov 2020 19:51

Instrument :
BNA_N
ClientSampleId :
C0AX4

Tot Ion	Ratio	Lower	Upper
278	100		
139	35.0	13.8	20.8#
279	55.7	25.6	38.4#

Manual Integrations
APPROVED

mohammad
11/25/2020 1:21:17 PM



#26
Benzo(g,h,i)perylene
Concen: 0.263 ng/ul
RT: 25.89 min Scan# 5697
Delta R.T. 0.00 min
Lab File: BN012724.D
Acq: 24 Nov 2020 19:51

Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.2	16.3	24.5
277	27.9	21.8	32.8

