

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN112420\
 Data File : BN012712.D
 Acq On : 24 Nov 2020 12:28
 Operator : CG/JU
 Sample : L4751-04
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0B84

Manual Integrations
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Quant Time: Nov 24 13:06:04 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 : Tue Nov 24 11:59:48 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.44	152	1078	0.40	ng/ul	0.00
2) Naphthalene-d8	10.20	136	4448	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.09	164	2497	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.85	188	5272	0.40	ng/ul	0.00
16) Chrysene-d12	21.06	240	4913	0.40	ng/ul	0.00
20) Perylene-d12	23.18	264	4946	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.81	152	863	0.13	ng/ul	0.00
14) Fluoranthene-d10	18.89	212	2124	0.15	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.25	128	737	0.055	ng/ul#	84
5) 2-Methylnaphthalene	11.88	142	359	0.042	ng/ul	92
7) Acenaphthylene	13.81	152	1778	0.146	ng/ul	95
8) Acenaphthene	14.16	153	2717	0.265	ng/ul	99
9) Fluorene	15.15	166	5846	0.518	ng/ul	100
11) Pentachlorophenol	16.51	266	40	0.024	ng/ul#	85
12) Phenanthrene	16.89	178	186190	10.150	ng/ul	95
13) Anthracene	16.98	178	52570	3.296	ng/ul	94
15) Fluoranthene	18.92	202	762422	35.999	ng/ul	99
17) Pyrene	19.29	202	556223	25.310	ng/ul	99
18) Benzo(a)anthracene	21.05	228	362620	20.597	ng/ul	98
19) Chrysene	21.10	228	381312	17.339	ng/ul	98
21) Benzo(b)fluoranthene	22.56	252	580897m	25.530	ng/ul	
22) Benzo(k)fluoranthene	22.59	252	195899m	7.466	ng/ul	
23) Benzo(a)pyrene	23.09	252	317101	14.808	ng/ul#	79
24) Indeno(1,2,3-cd)pyrene	25.26	276	256416	9.157	ng/ul#	99
25) Dibenzo(a,h)anthracene	25.26	278	64270	2.856	ng/ul	93
26) Benzo(a,h,i)perylene	25.90	276	215193	8.539	ng/ul	96

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

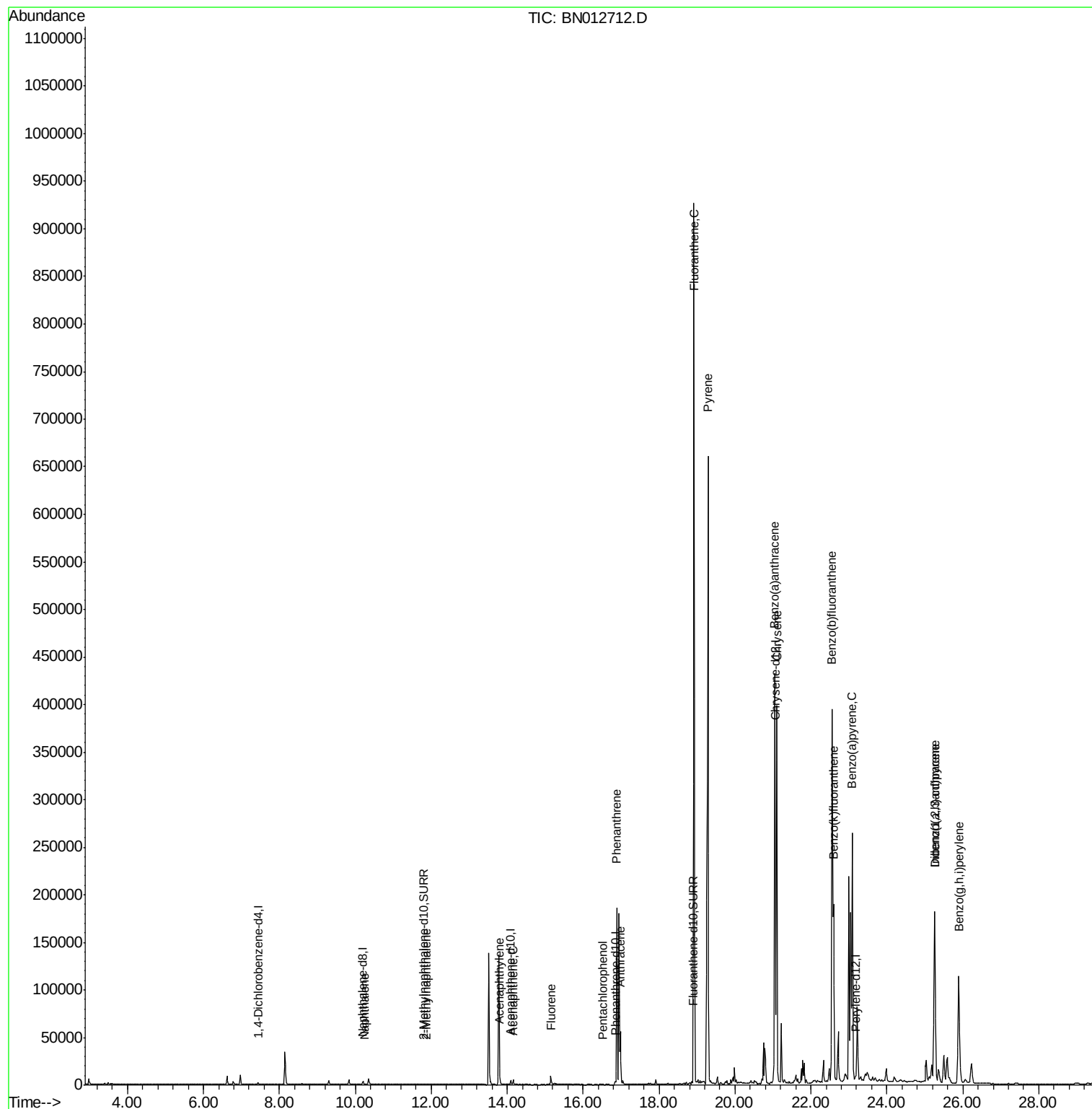
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN112420\
Data File : BN012712.D
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ALS Vial : 5 Sample Multiplier: 1

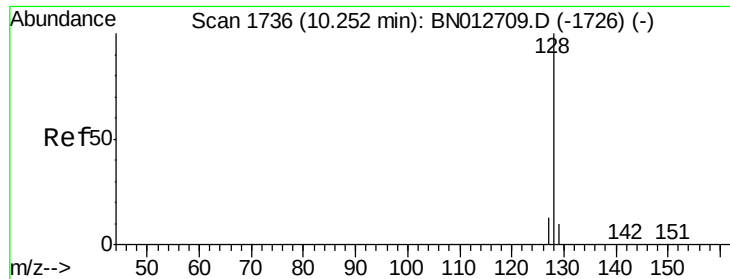
Instrument :
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Quant Time: Nov 24 13:06:04 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN112020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 24 11:59:48 2020
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.055 ng/ul

RT: 10.25 min Scan# 1736

Delta R.T. -0.00 min

Lab File: BN012712.D

Acq: 24 Nov 2020 12:28

Instrument :

BNA_N

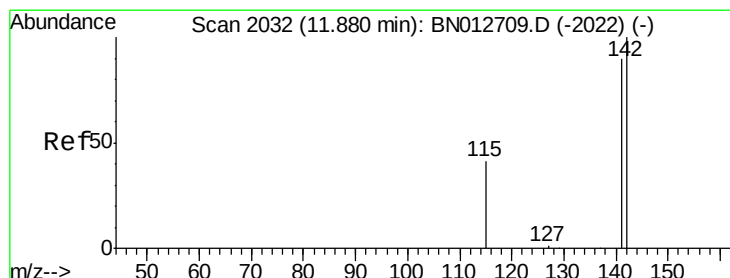
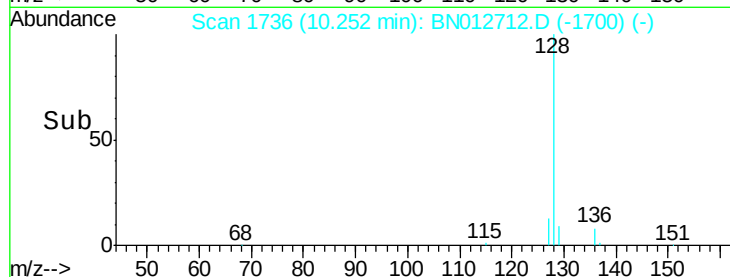
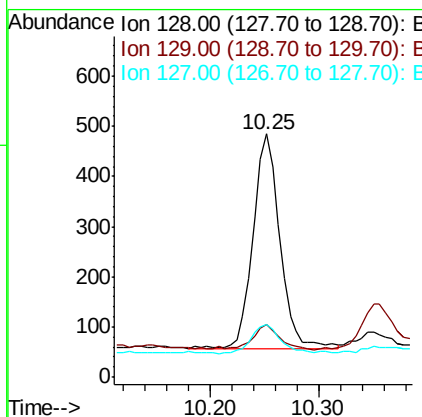
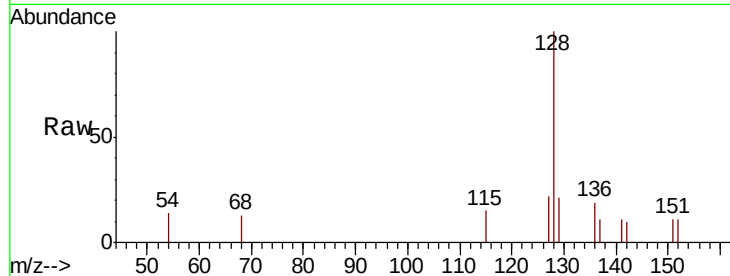
ClientSampleId :

C0B84

Tot Ion:	128	Resp:	737
Ion	Ratio	Lower	Upper
128	100		
129	21.4	11.2	16.8#
127	21.6	12.5	18.7#

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#5

2-Methylnaphthalene

Concen: 0.042 ng/ul

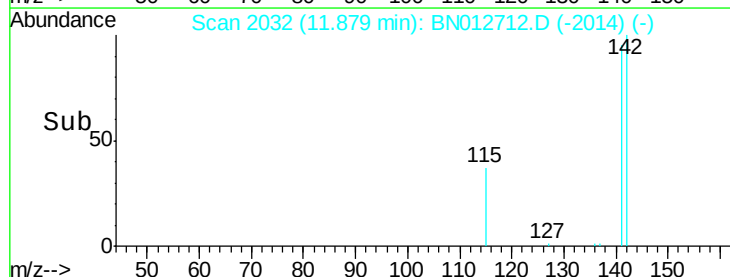
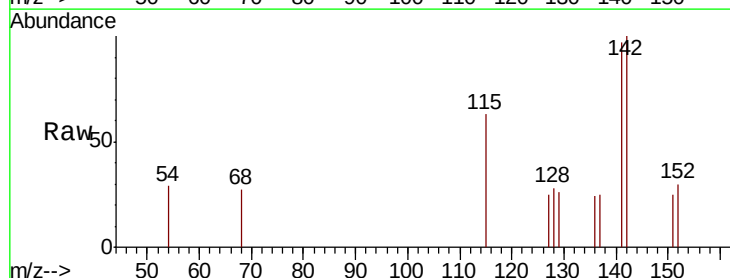
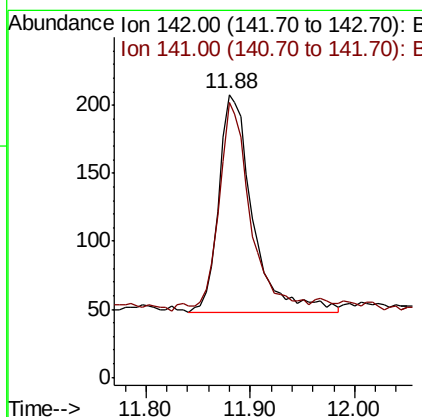
RT: 11.88 min Scan# 2032

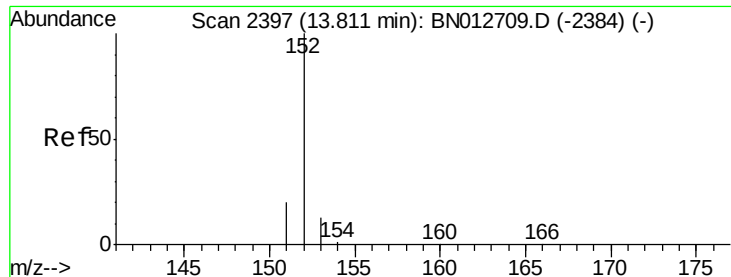
Delta R.T. -0.00 min

Lab File: BN012712.D

Acq: 24 Nov 2020 12:28

Tgt Ion:	142	Resp:	359
Ion	Ratio	Lower	Upper
142	100		
141	82.7	72.3	108.5





#7

Acenaphthylene

Concen: 0.146 ng/ul

RT: 13.81 min Scan# 2397

Delta R.T. -0.00 min

Lab File: BN012712.D

Acq: 24 Nov 2020 12:28

Instrument :

BNA_N

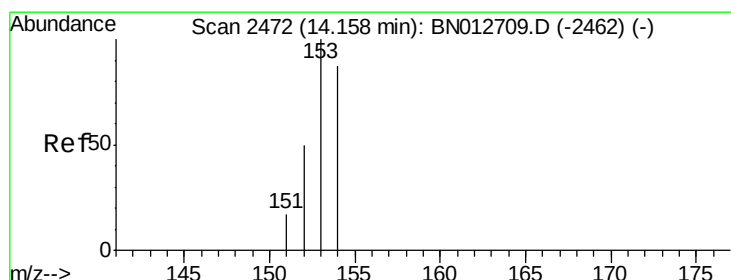
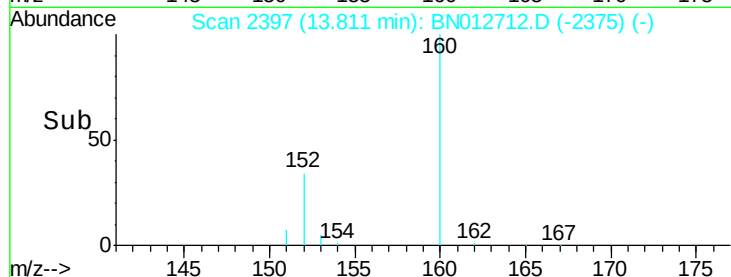
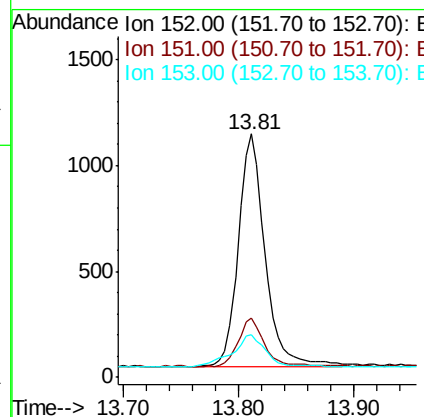
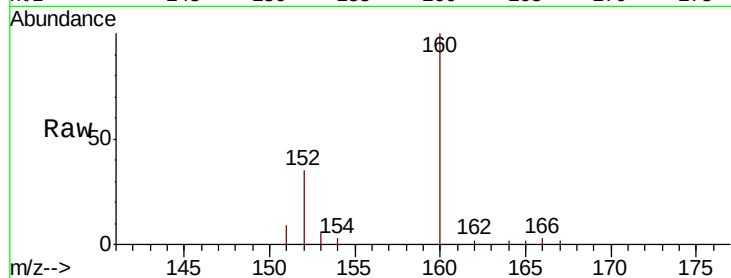
ClientSampleId :

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Tot Ion:	152	Resp:	1778
Ion	Ratio	Lower	Upper
152	100		
151	24.2	17.1	25.7
153	17.3	12.6	19.0

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#8

Acenaphthene

Concen: 0.265 ng/ul

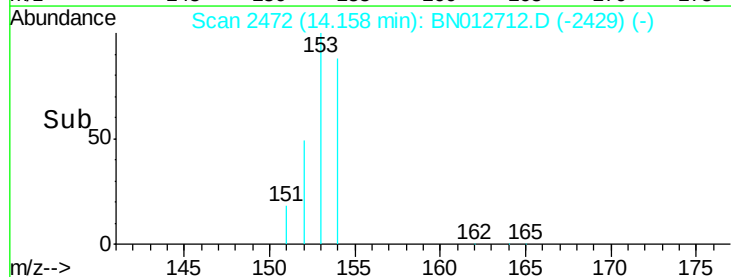
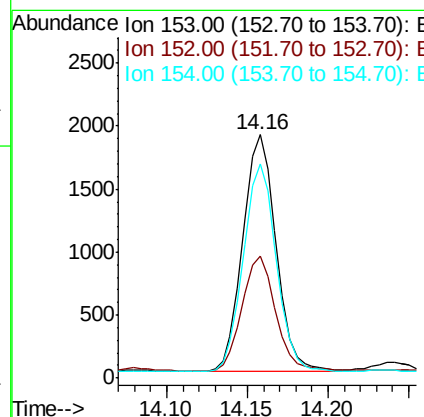
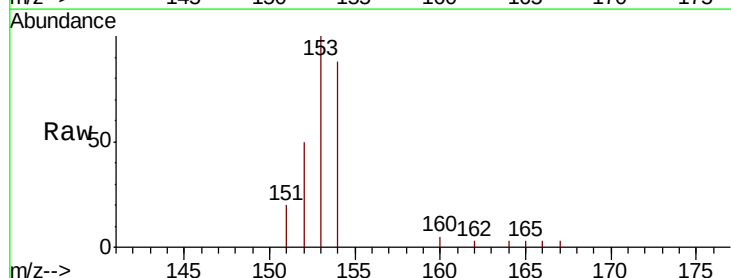
RT: 14.16 min Scan# 2472

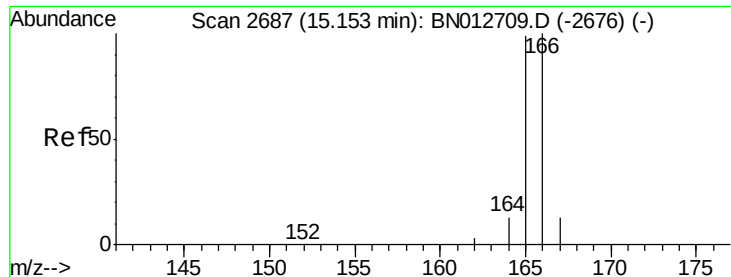
Delta R.T. -0.00 min

Lab File: BN012712.D

Acq: 24 Nov 2020 12:28

Tgt Ion:	153	Resp:	2717
Ion	Ratio	Lower	Upper
153	100		
152	50.2	41.4	62.0
154	88.1	70.9	106.3





#9

Fluorene

Concen: 0.518 ng/ul

RT: 15.15 min Scan# 2687

Delta R.T. -0.00 min

Lab File: BN012712.D

Acq: 24 Nov 2020 12:28

Instrument :

BNA_N

ClientSampleId :

C0B84

Tot Ion:166 Resp: 5846

Ion Ratio Lower Upper

166 100

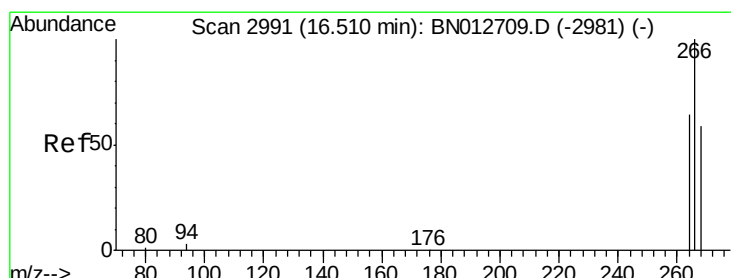
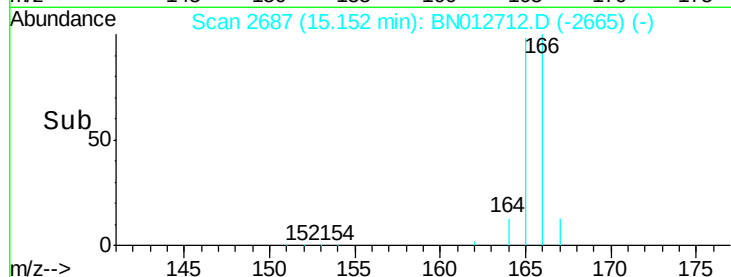
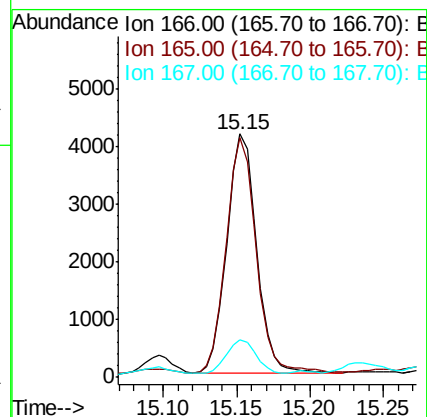
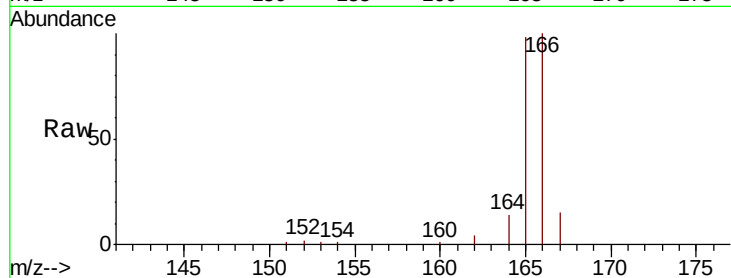
165 98.2 78.5 117.7

167 15.2 12.7 19.1

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#11

Pentachlorophenol

Concen: 0.024 ng/ul

RT: 16.51 min Scan# 2990

Delta R.T. -0.00 min

Lab File: BN012712.D

Acq: 24 Nov 2020 12:28

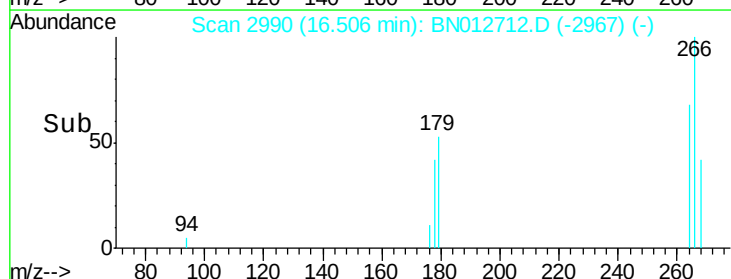
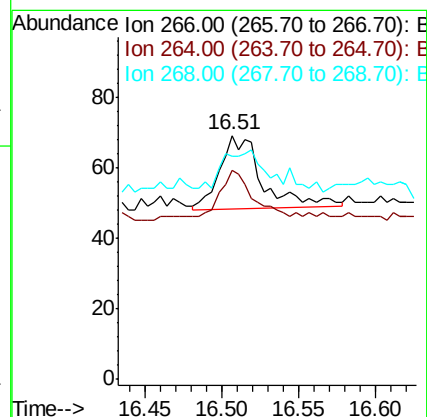
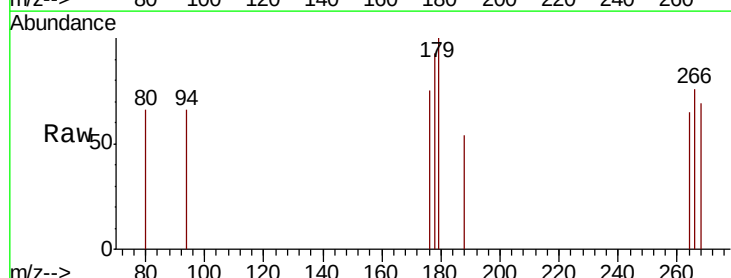
Tgt Ion:266 Resp: 40

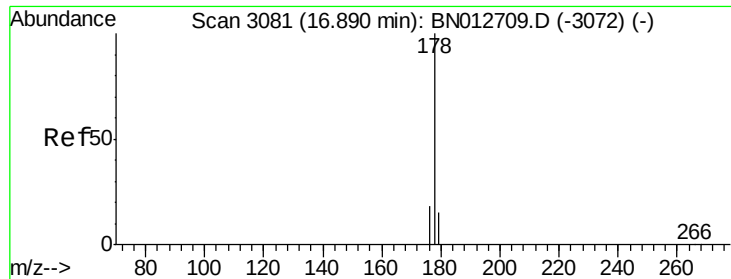
Ion Ratio Lower Upper

266 100

264 45.0 51.0 76.6#

268 55.0 47.8 71.6





#12

Phenanthrene

Concen: 10.150 ng/ul

RT: 16.89 min Scan# 3081

Delta R.T. -0.00 min

Lab File: BN012712.D

Acq: 24 Nov 2020 12:28

Instrument :

BNA_N

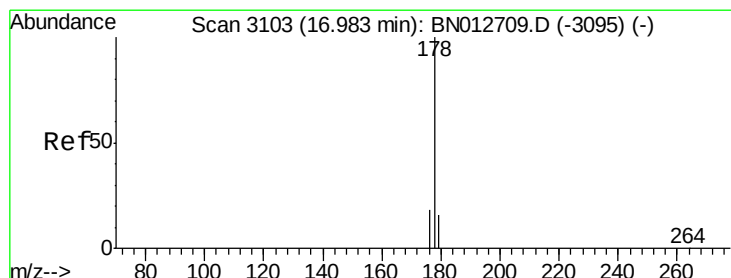
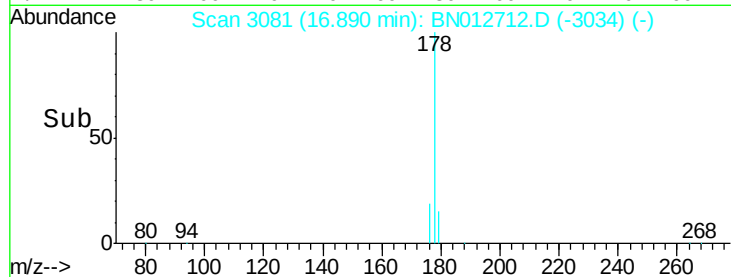
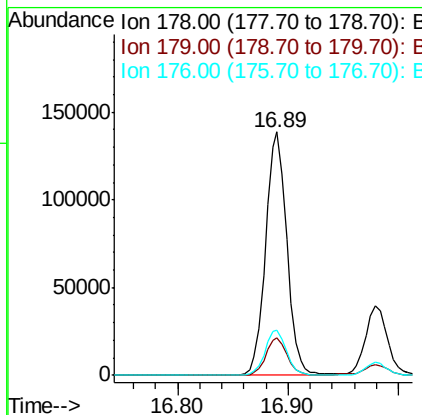
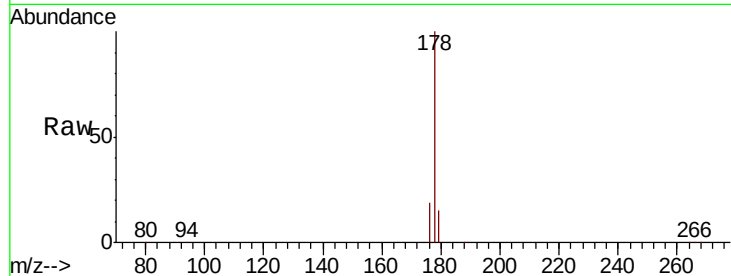
ClientSampleId :

C0B84

Tot Ion:	178	Resp:	186190
Ion Ratio	Lower	Upper	
178	100		
179	15.3	13.8	20.6
176	18.7	16.7	25.1

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#13

Anthracene

Concen: 3.296 ng/ul

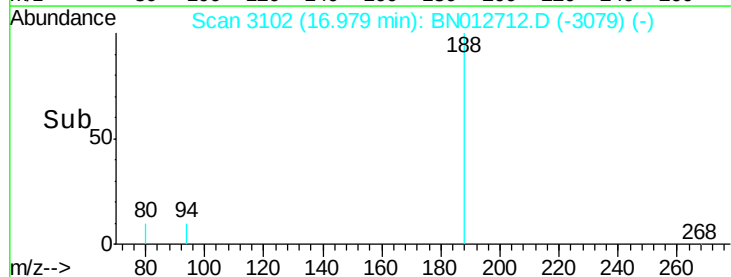
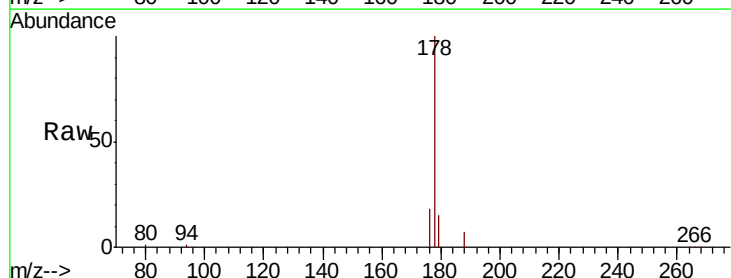
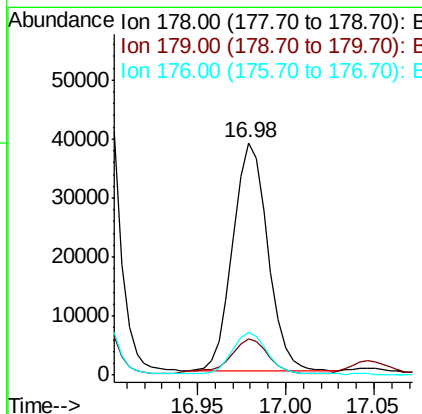
RT: 16.98 min Scan# 3102

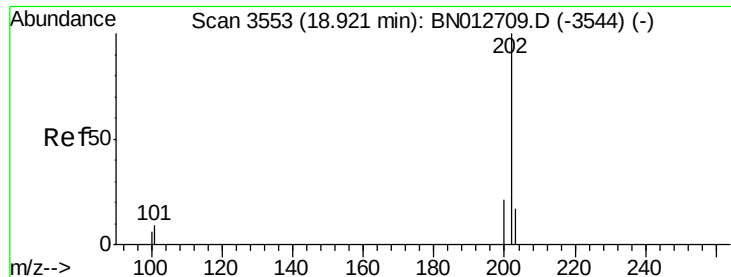
Delta R.T. -0.00 min

Lab File: BN012712.D

Acq: 24 Nov 2020 12:28

Tgt Ion:	178	Resp:	52570
Ion Ratio	Lower	Upper	
178	100		
179	15.5	14.8	22.2
176	18.3	16.3	24.5





#15

Fluoranthene

Concen: 35.999 ng/ul

RT: 18.92 min Scan# 3553

Delta R.T. -0.00 min

Lab File: BN012712.D

Acq: 24 Nov 2020 12:28

Instrument :

BNA_N

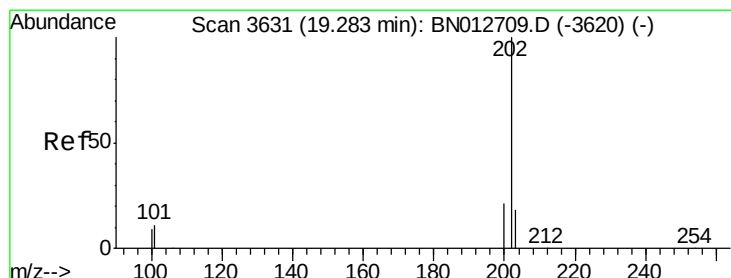
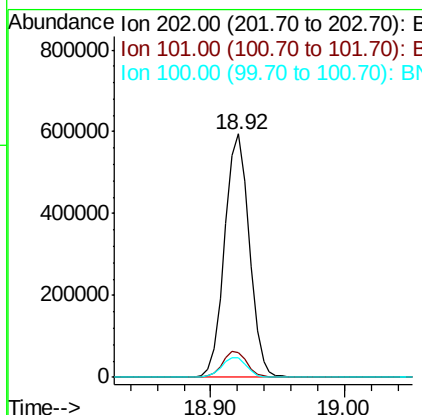
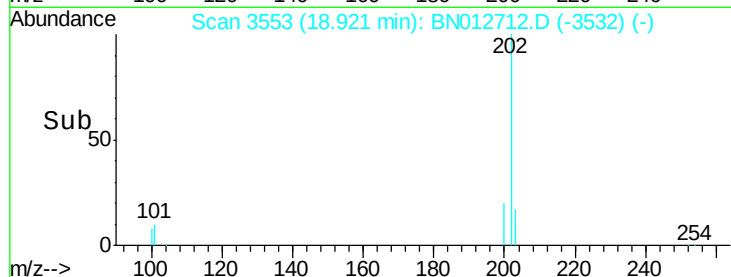
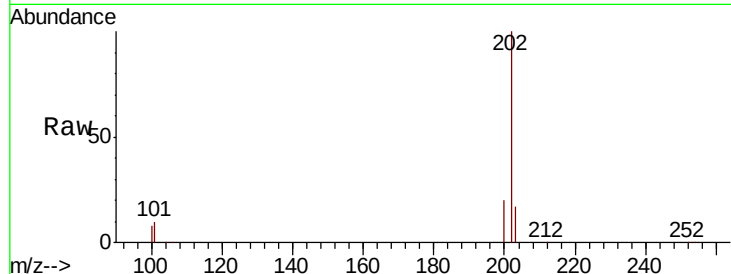
ClientSampleId :

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Tot Ion	Ratio	Resp	Lower	Upper
202	100	762422		
101	10.3	0.0	30.5	
100	7.8	0.0	28.4	

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#17

Pyrene

Concen: 25.310 ng/ul

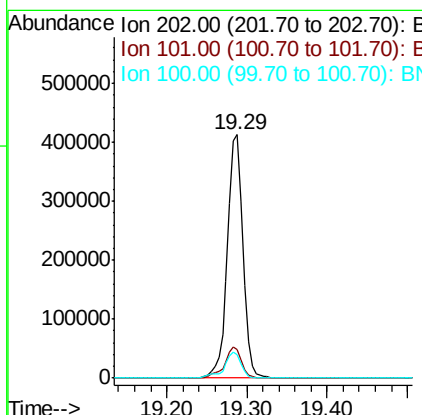
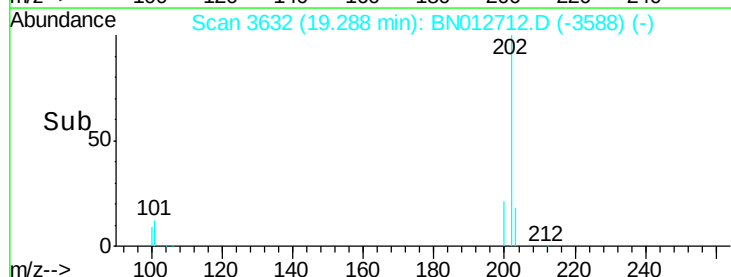
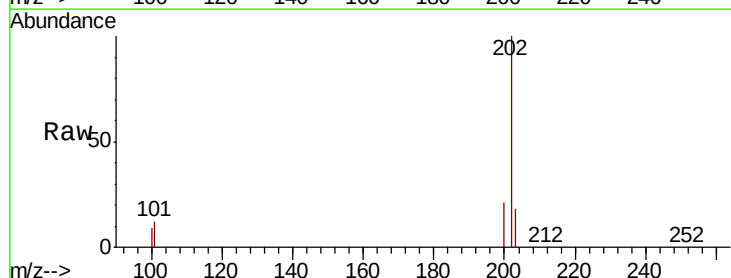
RT: 19.29 min Scan# 3632

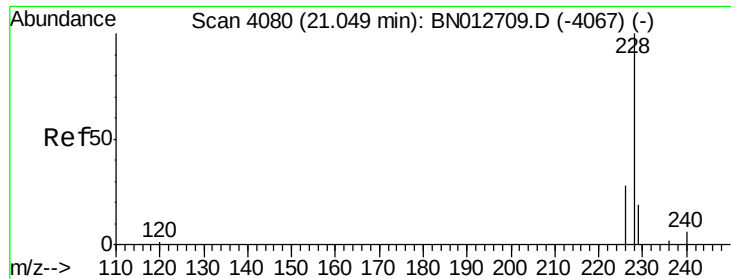
Delta R.T. 0.00 min

Lab File: BN012712.D

Acq: 24 Nov 2020 12:28

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	556223		
101	11.7	8.9	13.3	
100	9.4	7.4	11.2	





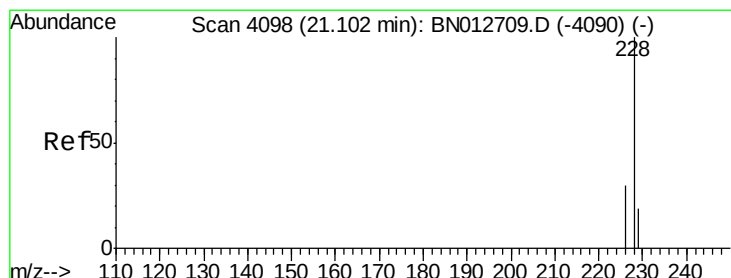
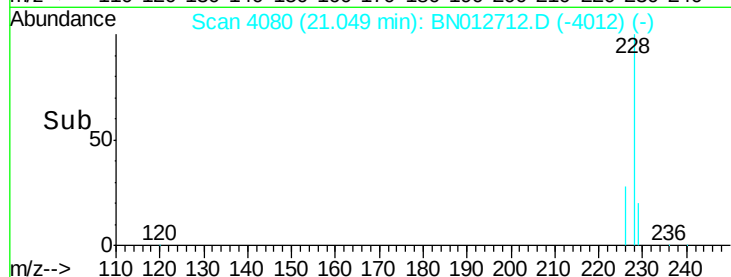
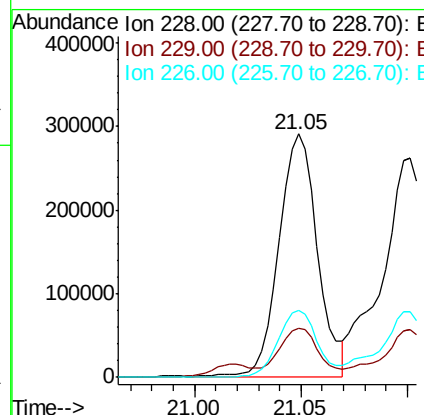
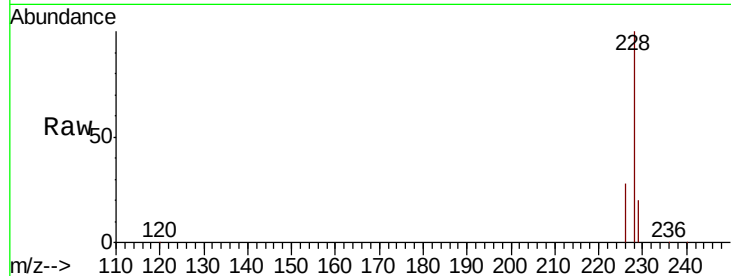
#18
Benzo(a)anthracene
Concen: 20.597 ng/ul
RT: 21.05 min Scan# 4080
Delta R.T. -0.00 min
Lab File: BN012712.D
Acq: 24 Nov 2020 12:28

Instrument :
BNA_N
ClientSampleId :
C0B84

Tot Ion	Ratio	Lower	Upper
228	100		
229	20.4	16.9	25.3
226	27.7	23.1	34.7

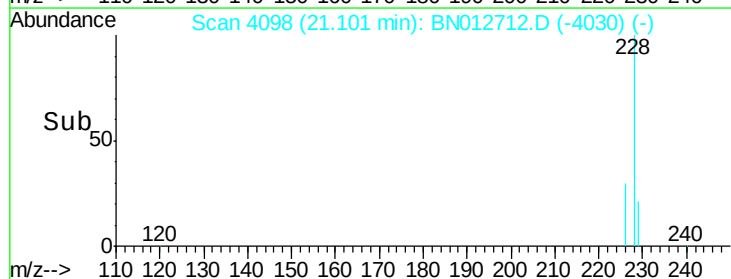
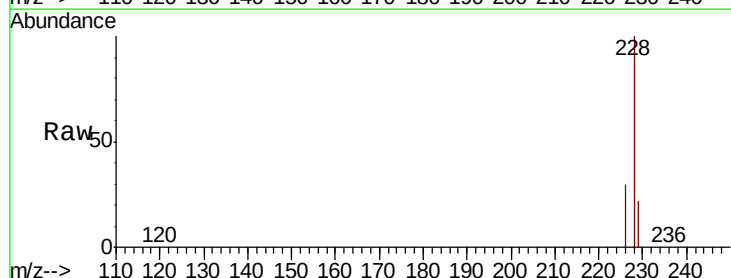
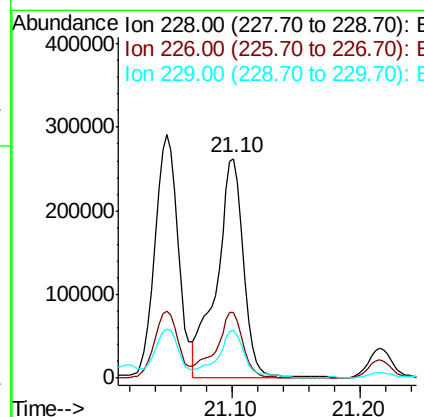
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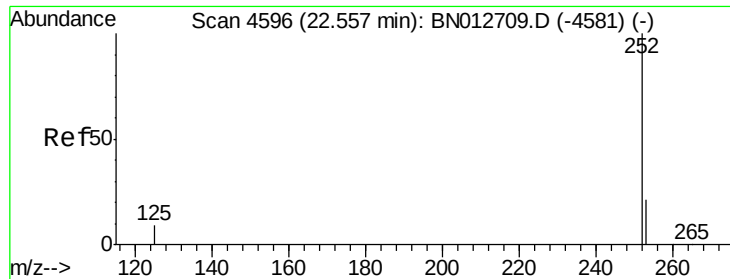
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#19
Chrysene
Concen: 17.339 ng/ul
RT: 21.10 min Scan# 4098
Delta R.T. -0.00 min
Lab File: BN012712.D
Acq: 24 Nov 2020 12:28

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.0	24.4	36.6
229	21.5	16.1	24.1





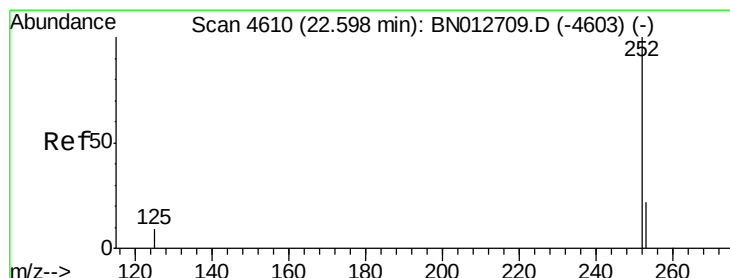
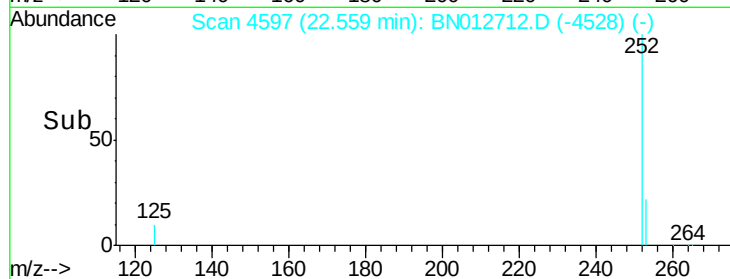
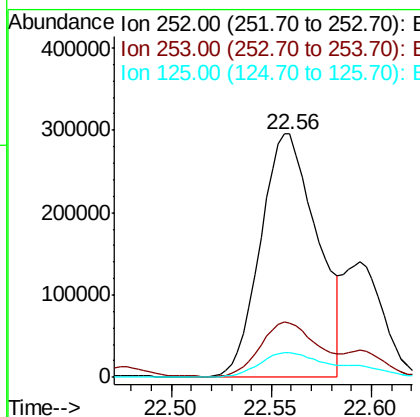
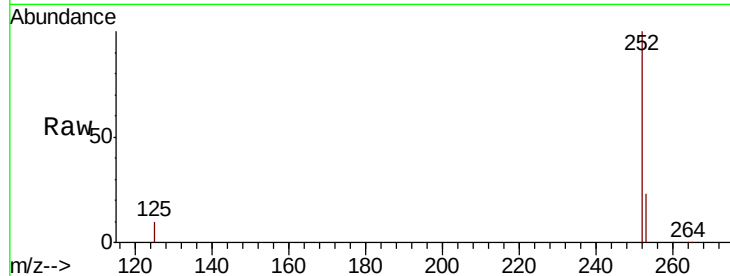
#21
Benzo(b)fluoranthene
Concen: 25.530 ng/ul m
RT: 22.56 min Scan# 4597
Delta R.T. 0.00 min
Lab File: BN012712.D
Acq: 24 Nov 2020 12:28

Instrument :
BNA_N
ClientSampleId :
C0B84

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	22.5	0.0	58.4
125	10.2	0.0	28.6

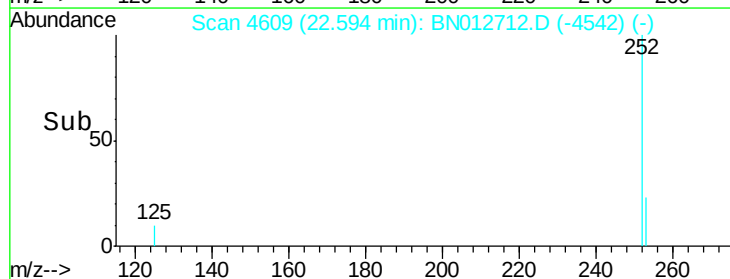
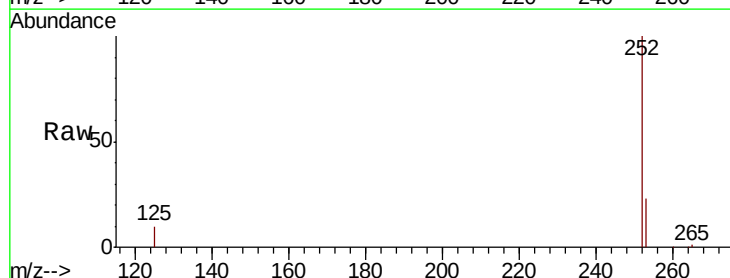
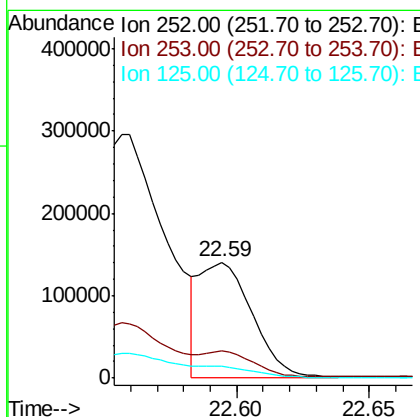
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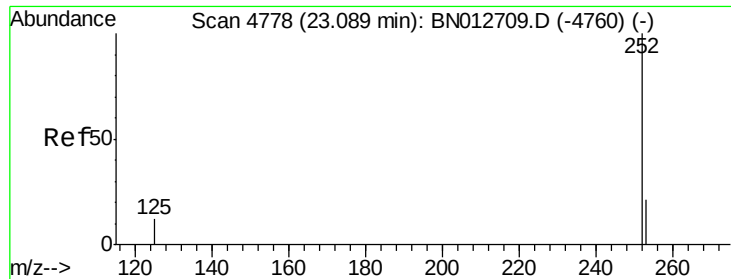
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#22
Benzo(k)fluoranthene
Concen: 7.466 ng/ul m
RT: 22.59 min Scan# 4609
Delta R.T. -0.00 min
Lab File: BN012712.D
Acq: 24 Nov 2020 12:28

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	23.1	23.4	35.2#
125	10.2	10.2	15.2





#23

Benzo(a)pyrene

Concen: 14.808 ng/ul

RT: 23.09 min Scan# 4778

Delta R.T. -0.00 min

Lab File: BN012712.D

Acq: 24 Nov 2020 12:28

Instrument :

BNA_N

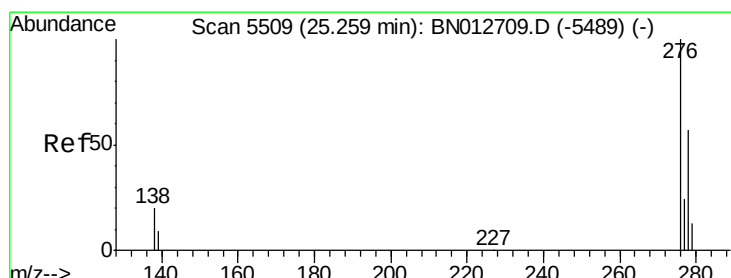
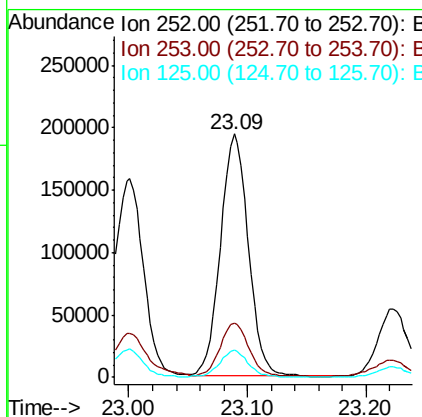
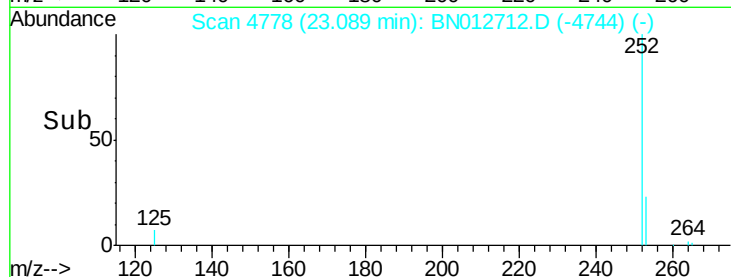
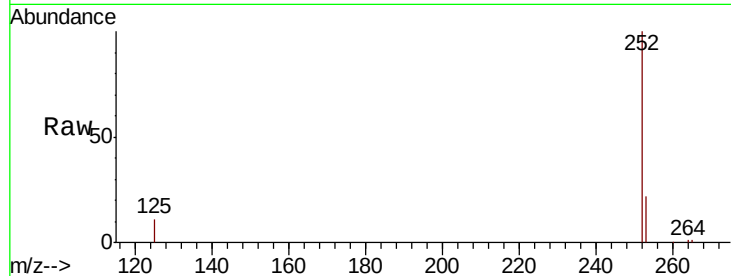
ClientSampleId :

C0B84

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	27.6	41.4#
125	11.0	17.0	25.4#

Manual Integrations
APPROVED

mohammad
11/25/2020 1:20:41 PM



#24

Indeno(1,2,3-cd)pyrene

Concen: 9.157 ng/ul

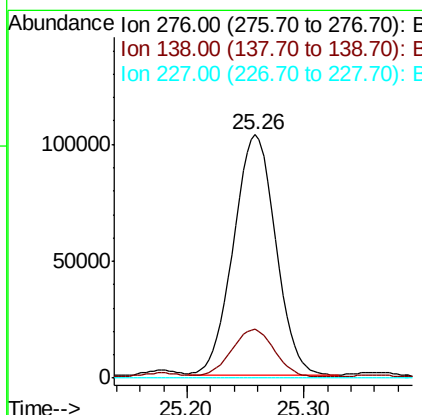
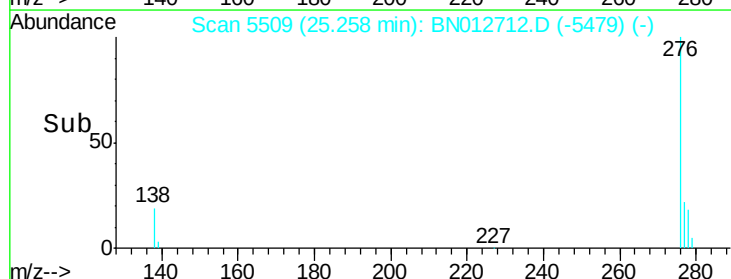
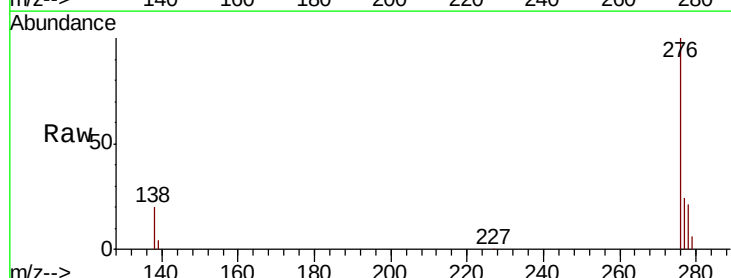
RT: 25.26 min Scan# 5509

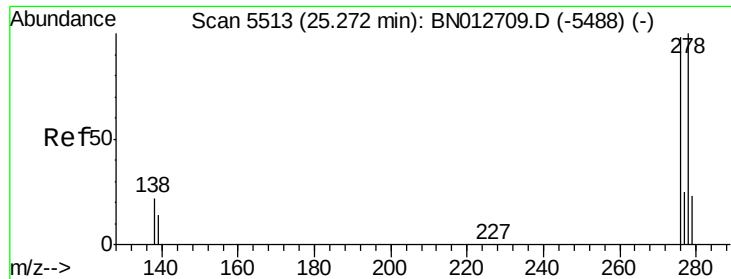
Delta R.T. -0.00 min

Lab File: BN012712.D

Acq: 24 Nov 2020 12:28

Tgt Ion	Ratio	Lower	Upper
276	100		
138	20.2	16.5	24.7
227	0.2	0.1	0.1#





#25

Dibenzo(a,h)anthracene

Concen: 2.856 ng/ul

RT: 25.26 min Scan# 5510

Delta R.T. -0.01 min

Lab File: BN012712.D

Acq: 24 Nov 2020 12:28

Instrument :

BNA_N

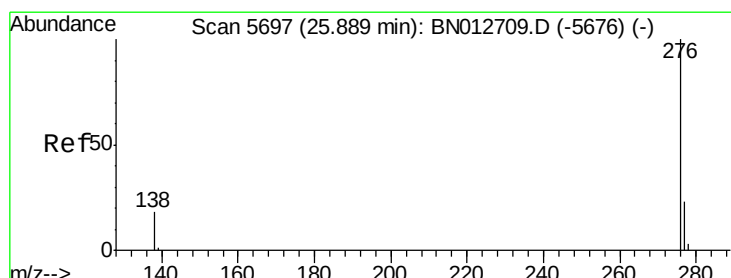
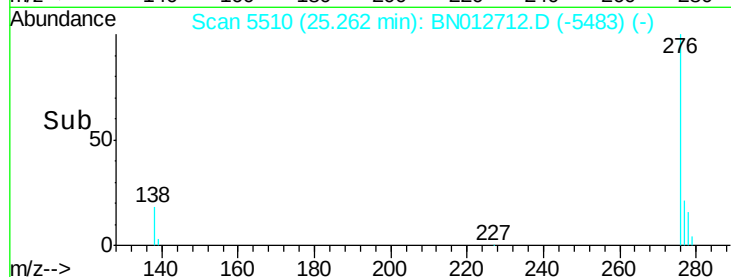
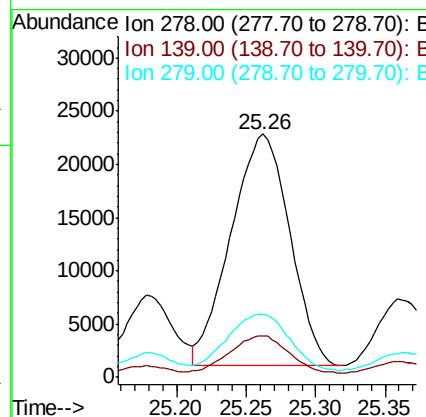
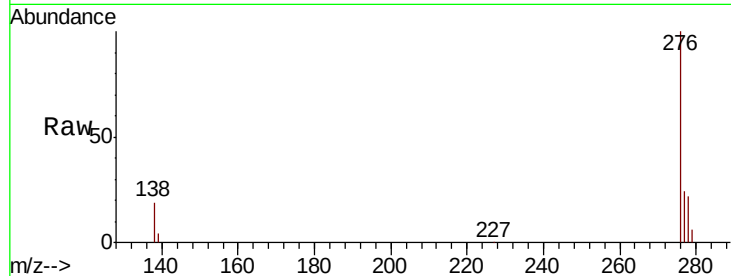
ClientSampleId :

C0B84

Tot Ion:	278	Resp:	64270
Ion Ratio	Lower	Upper	
278	100		
139	16.9	13.8	20.8
279	26.1	25.6	38.4

Manual Integrations
APPROVED

mohammad
11/25/2020 1:20:41 PM



#26

Benzo(g,h,i)perylene

Concen: 8.539 ng/ul

RT: 25.90 min Scan# 5699

Delta R.T. 0.01 min

Lab File: BN012712.D

Acq: 24 Nov 2020 12:28

Tgt Ion:	276	Resp:	215193
Ion Ratio	Lower	Upper	
276	100		
138	20.2	16.3	24.5
277	24.2	21.8	32.8

