

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN112420\
 Data File : BN012714.D
 Acq On : 24 Nov 2020 13:40
 Operator : CG/JU
 Sample : L4751-09
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0B80

Manual Integrations
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Quant Time: Nov 24 14:29:00 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	947	0.40	ng/ul	0.00
2) Naphthalene-d8	10.20	136	3997	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.09	164	2249	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.85	188	4675	0.40	ng/ul	0.00
16) Chrysene-d12	21.06	240	3866	0.40	ng/ul	0.00
20) Perylene-d12	23.17	264	3736	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.81	152	737	0.13	ng/ul	0.00
14) Fluoranthene-d10	18.89	212	1600	0.13	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.25	128	863	0.072	ng/ul#	89
5) 2-Methylnaphthalene	11.89	142	419	0.055	ng/ul	83
7) Acenaphthylene	13.81	152	1611	0.147	ng/ul	97
8) Acenaphthene	14.16	153	1560	0.169	ng/ul	97
9) Fluorene	15.15	166	1904	0.187	ng/ul	98
12) Phenanthrene	16.89	178	90958	5.592	ng/ul	95
13) Anthracene	16.98	178	9359	0.662	ng/ul	97
15) Fluoranthene	18.92	202	297016	15.815	ng/ul	99
17) Pyrene	19.28	202	245102	14.174	ng/ul	97
18) Benzo(a)anthracene	21.05	228	109910	7.934	ng/ul	99
19) Chrysene	21.10	228	159078	9.193	ng/ul	99
21) Benzo(b)fluoranthene	22.55	252	226215m	13.162	ng/ul	
22) Benzo(k)fluoranthene	22.59	252	86193m	4.349	ng/ul	
23) Benzo(a)pyrene	23.09	252	137213	8.483	ng/ul#	79
24) Indeno(1,2,3-cd)pyrene	25.26	276	111363	5.265	ng/ul#	98
25) Dibenzo(a,h)anthracene	25.26	278	24419	1.437	ng/ul	93
26) Benzo(a,h,i)perylene	25.89	276	104213	5.474	ng/ul	96

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

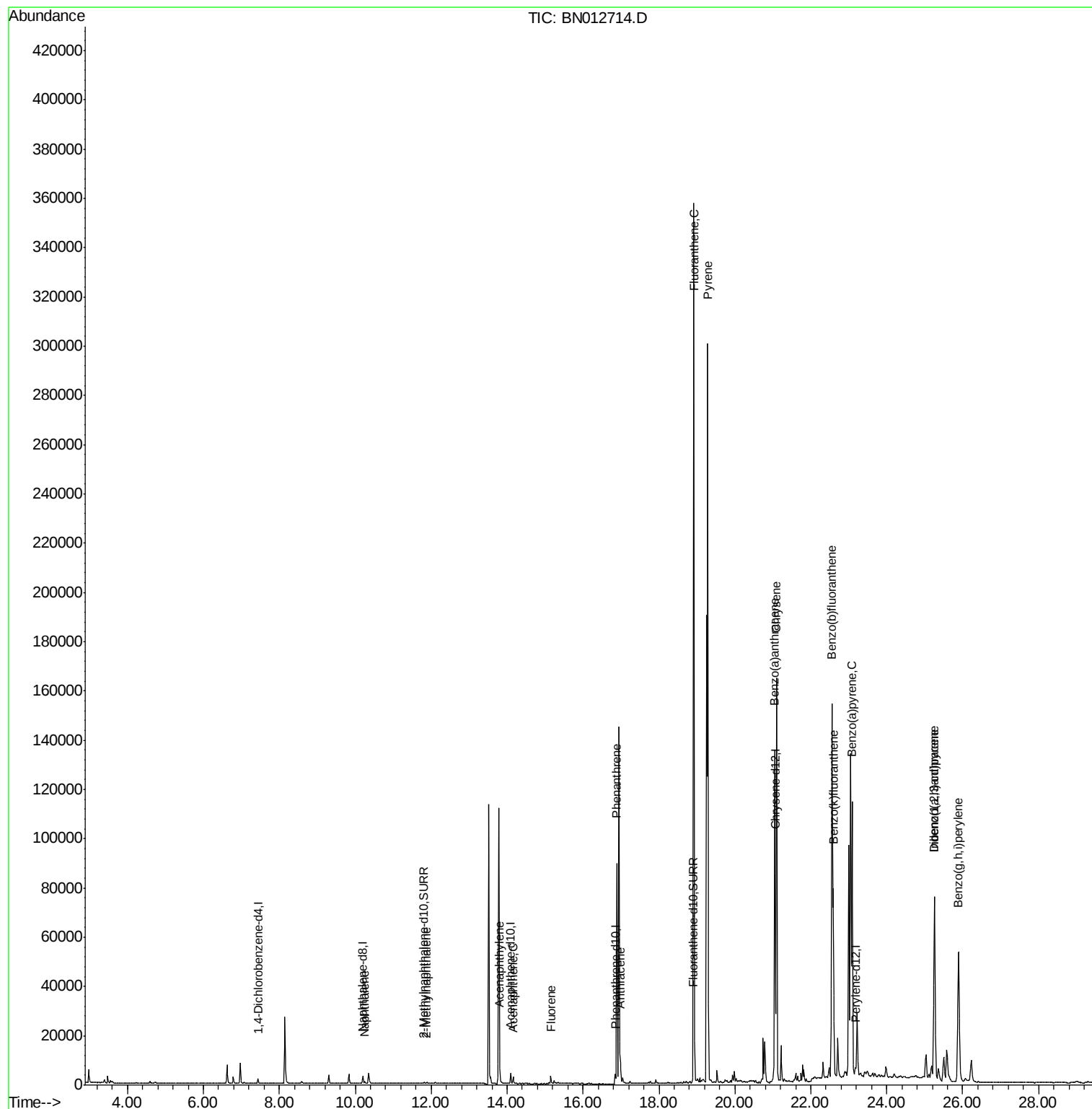
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN112420\
Data File : BN012714.D
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ALS Vial : 7 Sample Multiplier: 1

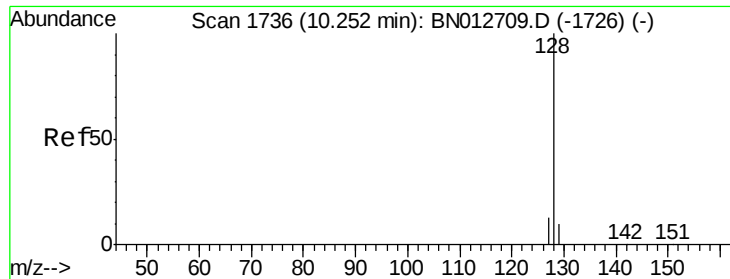
Instrument :
BNA_N
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Quant Time: Nov 24 14:29:00 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN112020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 24 11:59:48 2020
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.072 ng/ul

RT: 10.25 min Scan# 1736

Delta R.T. 0.00 min

Lab File: BN012714.D

Acq: 24 Nov 2020 13:40

Instrument :

BNA_N

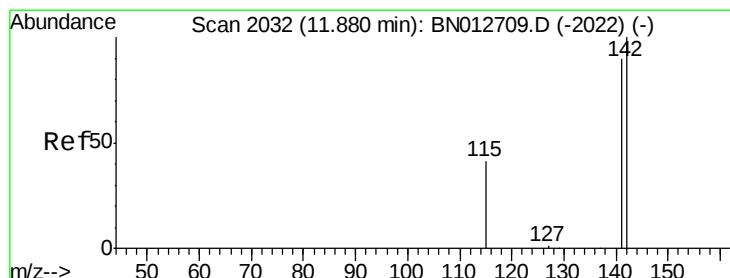
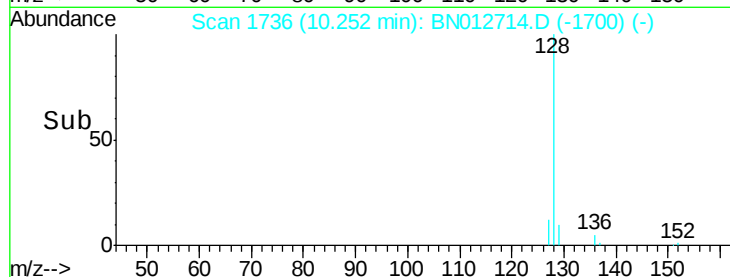
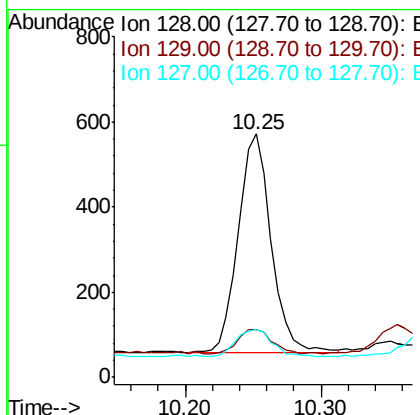
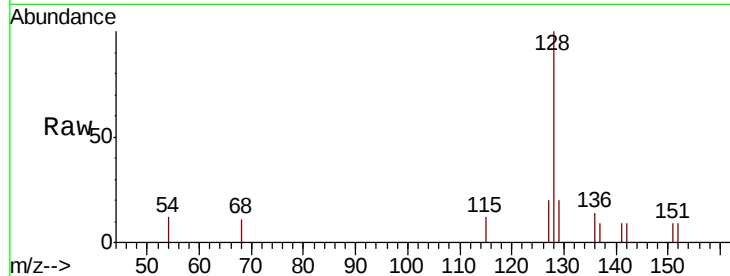
ClientSampleId :

C0B80

Tot Ion:	128	Resp:	863
Ion	Ratio	Lower	Upper
128	100		
129	19.6	11.2	16.8#
127	19.6	12.5	18.7#

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#5

2-Methylnaphthalene

Concen: 0.055 ng/ul

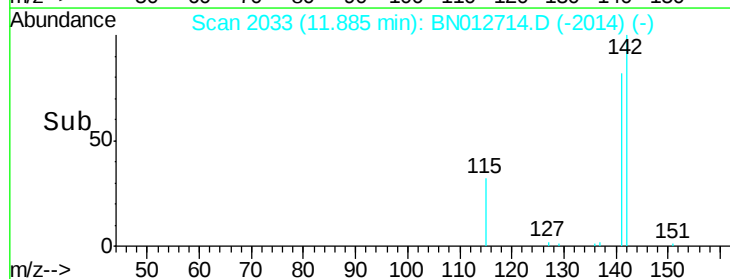
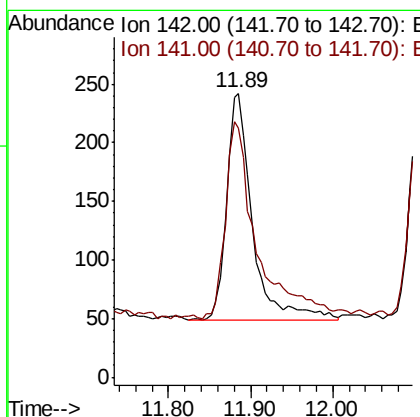
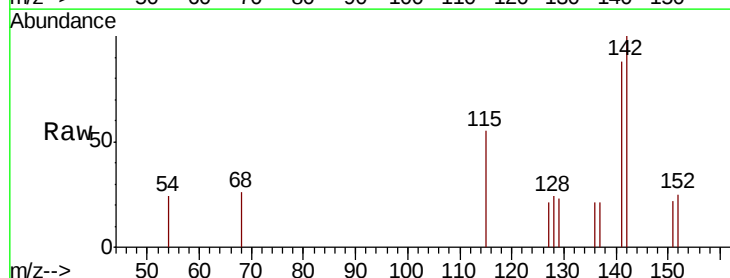
RT: 11.89 min Scan# 2033

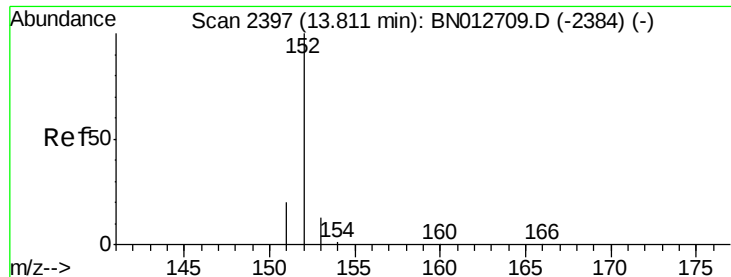
Delta R.T. 0.01 min

Lab File: BN012714.D

Acq: 24 Nov 2020 13:40

Tgt Ion:	142	Resp:	419
Ion	Ratio	Lower	Upper
142	100		
141	106.2	72.3	108.5





#7

Acenaphthylene

Concen: 0.147 ng/ul

RT: 13.81 min Scan# 2397

Delta R.T. 0.00 min

Lab File: BN012714.D

Acq: 24 Nov 2020 13:40

Instrument :

BNA_N

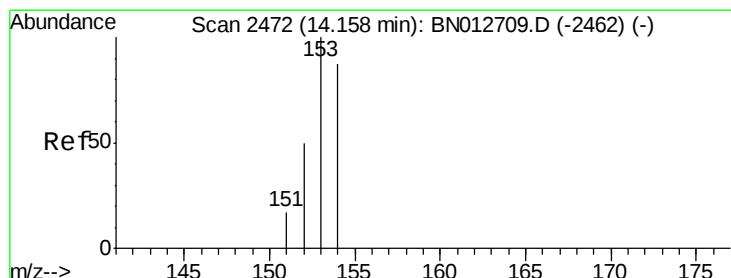
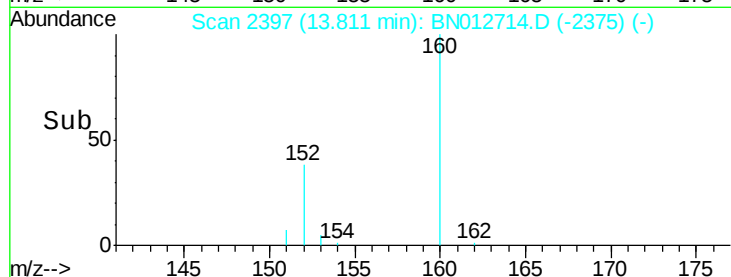
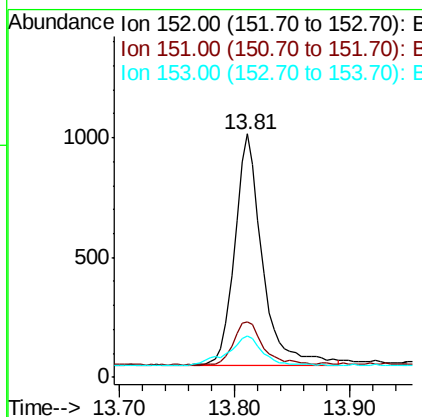
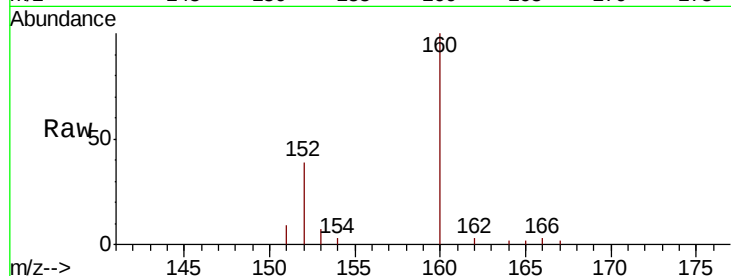
ClientSampleId :

C0B80

Tot Ion:	152	Resp:	1611
Ion Ratio	Lower	Upper	
152	100		
151	22.7	17.1	25.7
153	17.0	12.6	19.0

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#8

Acenaphthene

Concen: 0.169 ng/ul

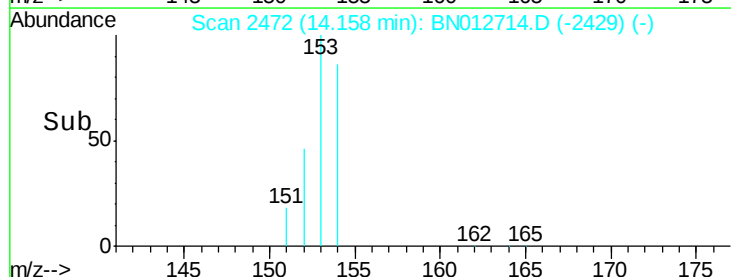
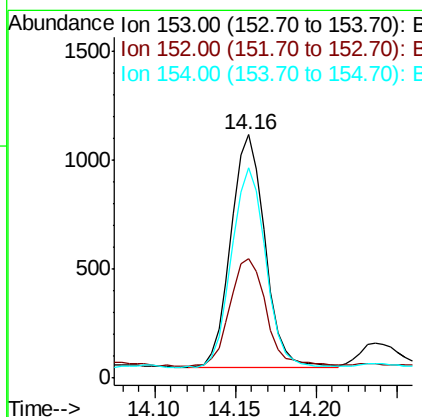
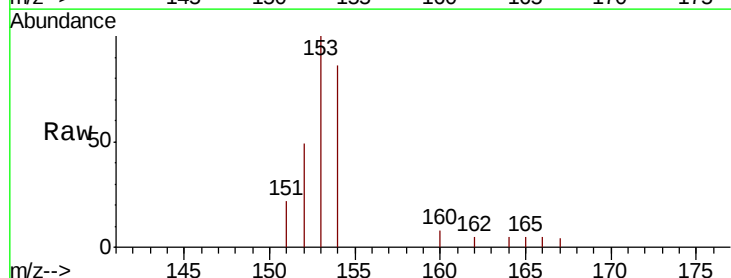
RT: 14.16 min Scan# 2472

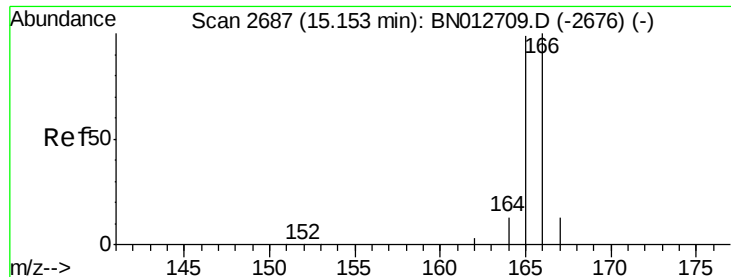
Delta R.T. 0.00 min

Lab File: BN012714.D

Acq: 24 Nov 2020 13:40

Tgt Ion:	153	Resp:	1560
Ion Ratio	Lower	Upper	
153	100		
152	48.9	41.4	62.0
154	86.5	70.9	106.3





#9

Fluorene

Concen: 0.187 ng/ul

RT: 15.15 min Scan# 2687

Delta R.T. 0.00 min

Lab File: BN012714.D

Acq: 24 Nov 2020 13:40

Instrument :

BNA_N

ClientSampleId :

C0B80

Tot Ion:166 Resp: 1904

Ion Ratio Lower Upper

166 100

165 99.6 78.5 117.7

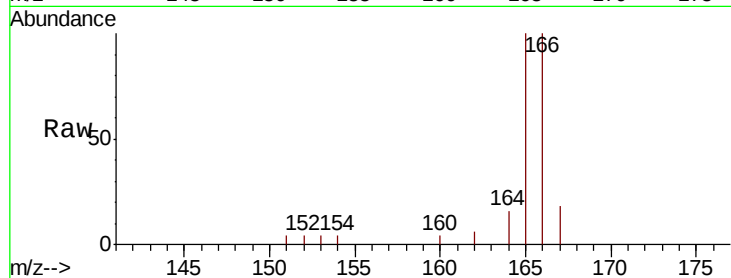
167 18.3 12.7 19.1

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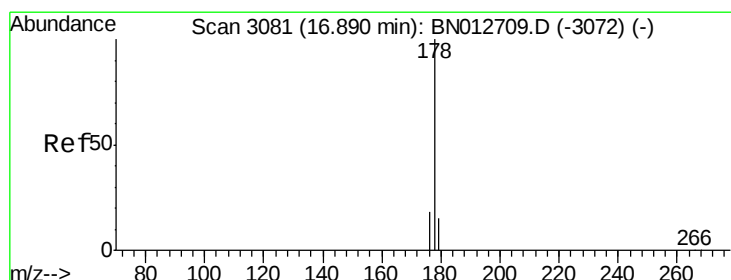
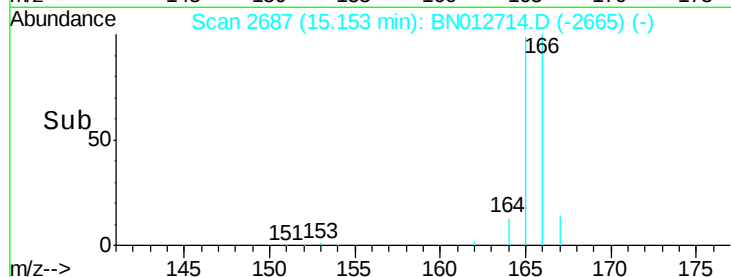
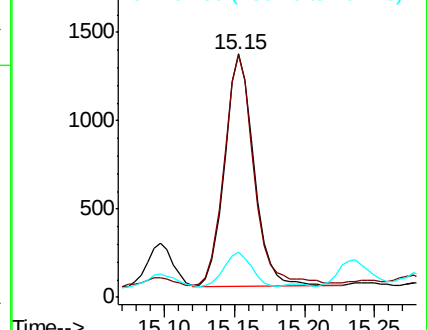
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Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#12

Phenanthrene

Concen: 5.592 ng/ul

RT: 16.89 min Scan# 3081

Delta R.T. 0.00 min

Lab File: BN012714.D

Acq: 24 Nov 2020 13:40

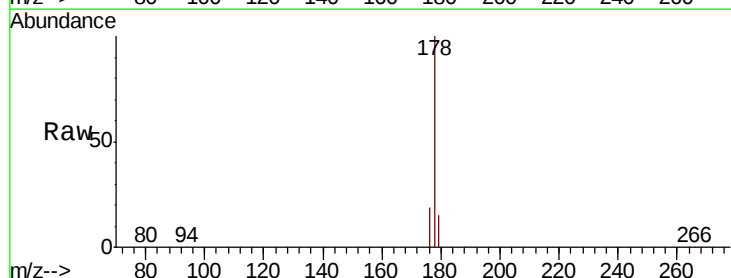
Tgt Ion:178 Resp: 90958

Ion Ratio Lower Upper

178 100

179 15.2 13.8 20.6

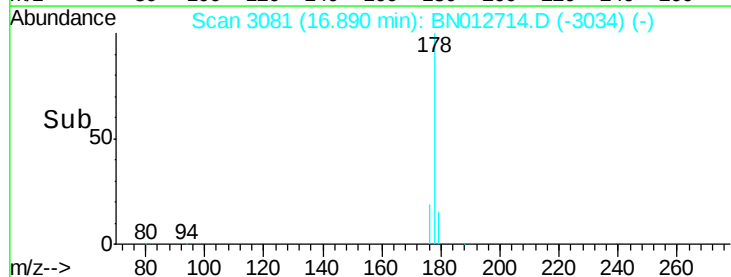
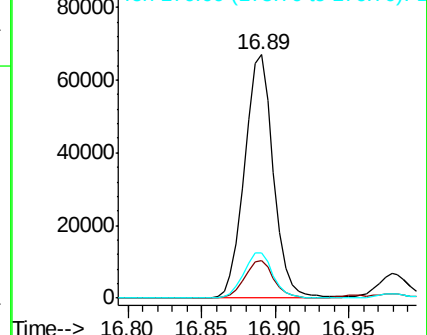
176 18.6 16.7 25.1

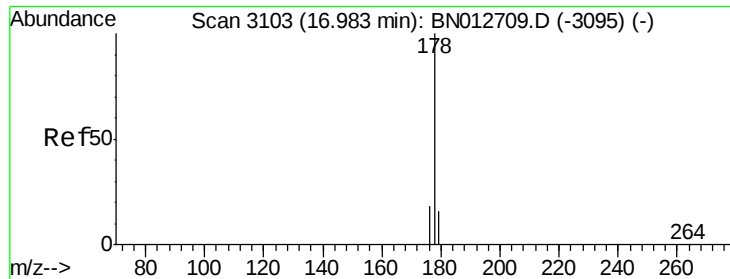


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





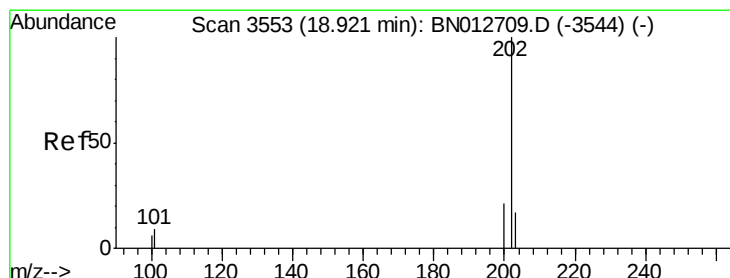
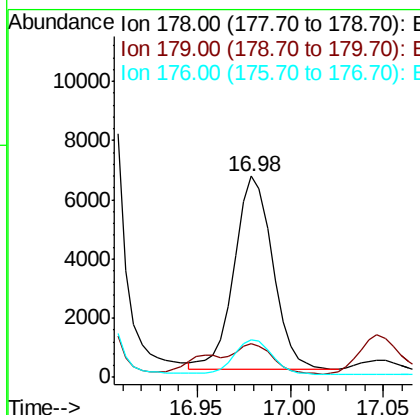
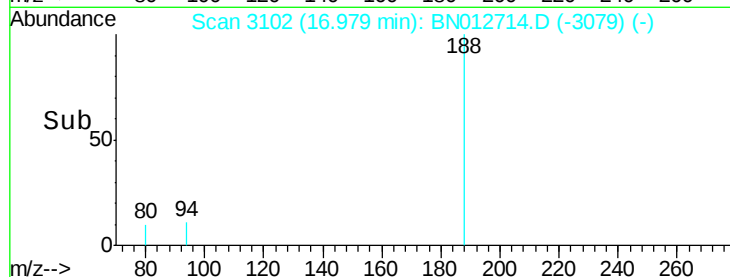
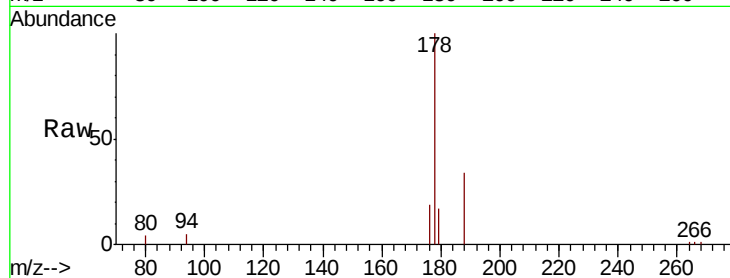
#13
 Anthracene
 Concen: 0.662 ng/ul
 RT: 16.98 min Scan# 3102
 Delta R.T. -0.00 min
 Lab File: BN012714.D
 Acq: 24 Nov 2020 13:40

Instrument :
 BNA_N
 ClientSampled :
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Tot Ion:178 Resp: 9359
 Ion Ratio Lower Upper
 178 100
 179 16.9 14.8 22.2
 176 19.0 16.3 24.5

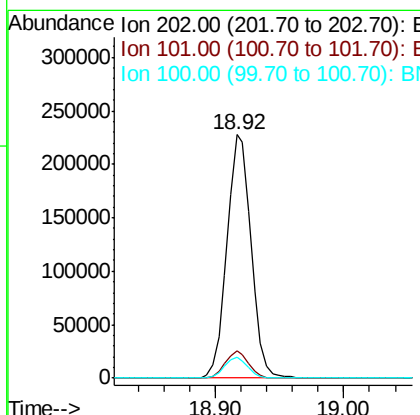
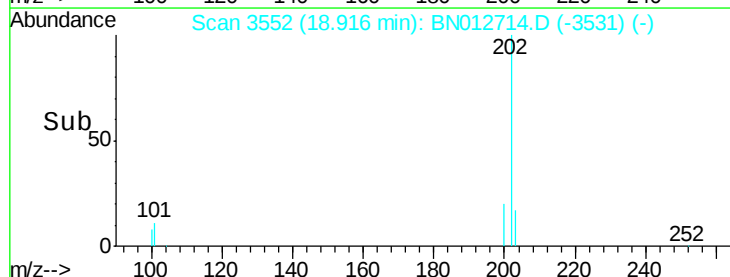
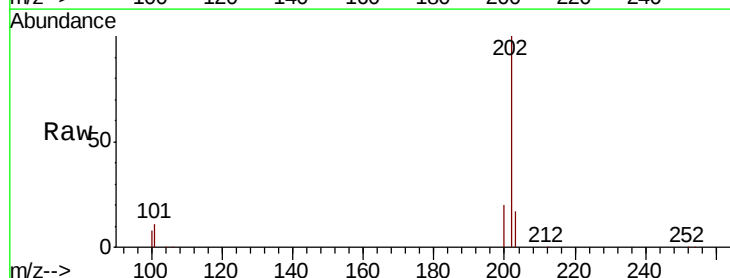
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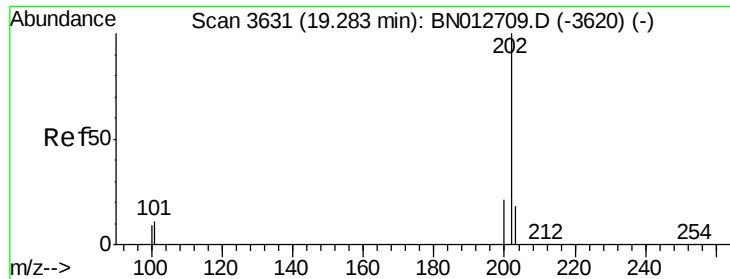
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#15
 Fluoranthene
 Concen: 15.815 ng/ul
 RT: 18.92 min Scan# 3552
 Delta R.T. -0.00 min
 Lab File: BN012714.D
 Acq: 24 Nov 2020 13:40

Tgt Ion:202 Resp: 297016
 Ion Ratio Lower Upper
 202 100
 101 11.0 0.0 30.5
 100 8.4 0.0 28.4





#17

Pvrene

Concen: 14.174 ng/ul

RT: 19.28 min Scan# 3631

Delta R.T. 0.00 min

Lab File: BN012714.D

Acq: 24 Nov 2020 13:40

Instrument :

BNA_N

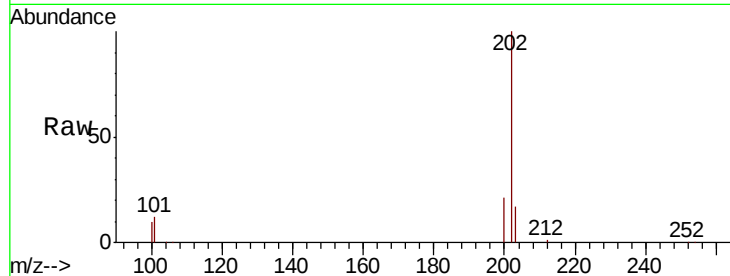
ClientSampleId :

C0B80

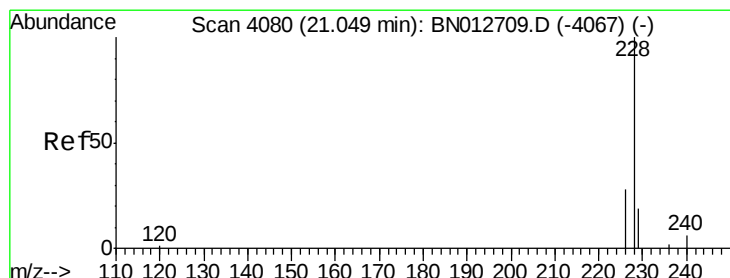
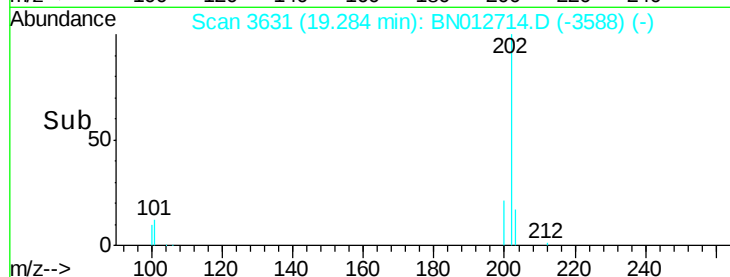
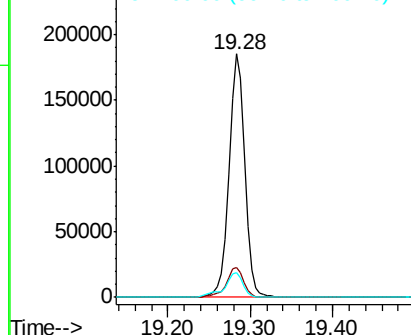
Tot Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	12.4	8.9	13.3
100	10.3	7.4	11.2

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Abundance Ion 202.00 (201.70 to 202.70): E
250000 Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): E



#18

Benzo(a)anthracene

Concen: 7.934 ng/ul

RT: 21.05 min Scan# 4079

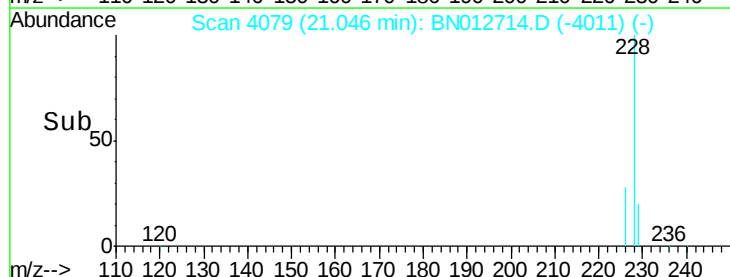
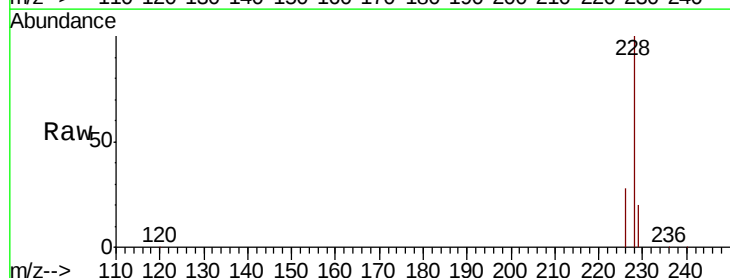
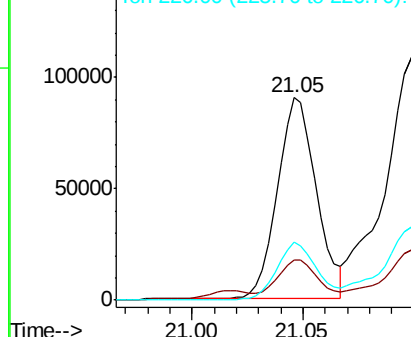
Delta R.T. -0.00 min

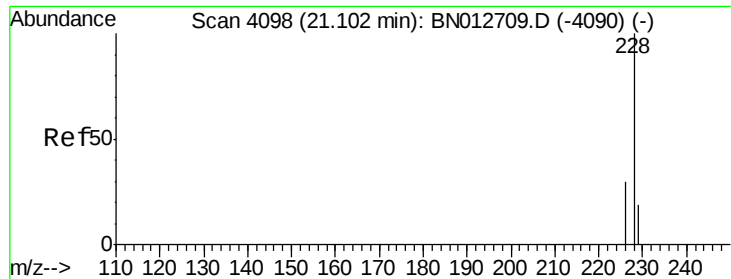
Lab File: BN012714.D

Acq: 24 Nov 2020 13:40

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	20.1	16.9	25.3
226	28.5	23.1	34.7

Abundance Ion 228.00 (227.70 to 228.70): E
150000 Ion 229.00 (228.70 to 229.70): E
Ion 226.00 (225.70 to 226.70): E





#19

Chrysene

Concen: 9.193 ng/ul

RT: 21.10 min Scan# 4097

Delta R.T. -0.00 min

Lab File: BN012714.D

Acq: 24 Nov 2020 13:40

Instrument :

BNA_N

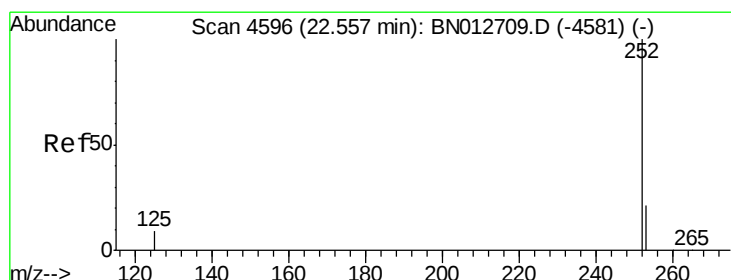
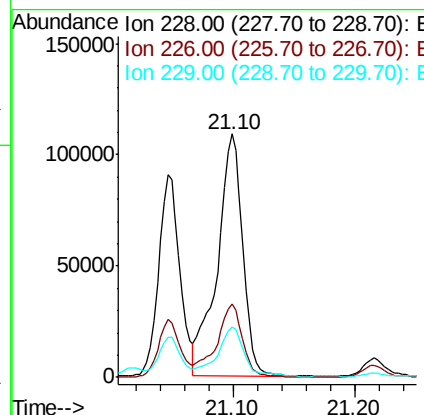
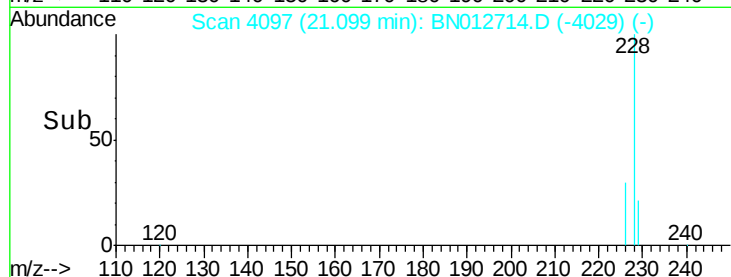
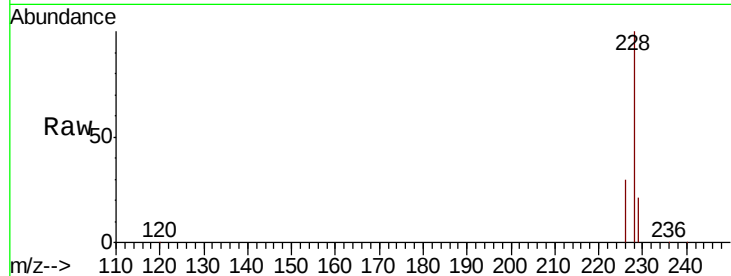
ClientSampleId :

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Tot Ion:	228	Resp:	159078
Ion Ratio	Lower	Upper	
228	100		
226	30.0	24.4	36.6
229	20.9	16.1	24.1

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#21

Benzo(b)fluoranthene

Concen: 13.162 ng/ul m

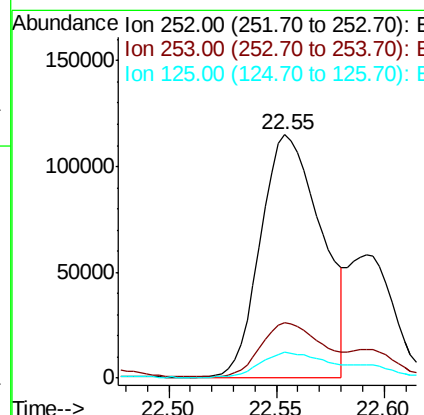
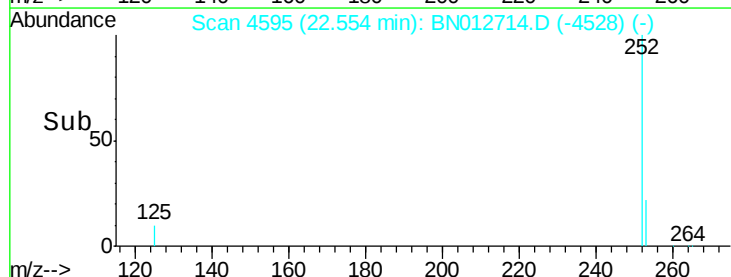
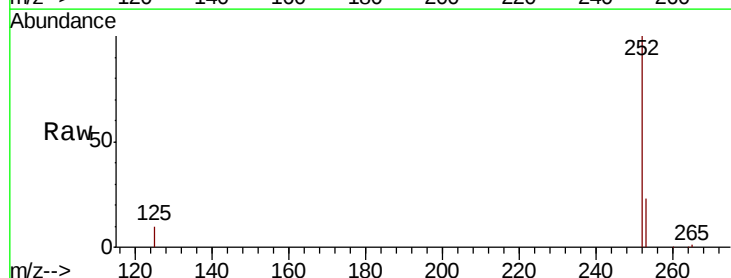
RT: 22.55 min Scan# 4595

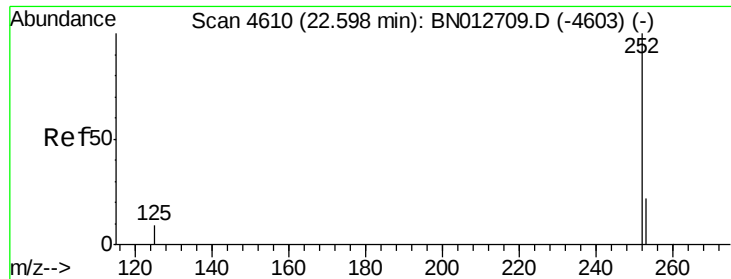
Delta R.T. -0.00 min

Lab File: BN012714.D

Acq: 24 Nov 2020 13:40

Tgt Ion:	252	Resp:	226215
Ion Ratio	Lower	Upper	
252	100		
253	22.7	0.0	58.4
125	10.4	0.0	28.6





#22

Benzo(k)fluoranthene

Concen: 4.349 ng/ul

RT: 22.59 min Scan# 4608

Delta R.T. -0.01 min

Lab File: BN012714.D

Acq: 24 Nov 2020 13:40

Instrument :

BNA_N

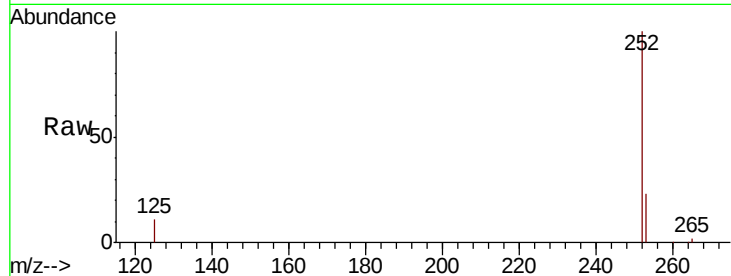
ClientSampleId :

C0B80

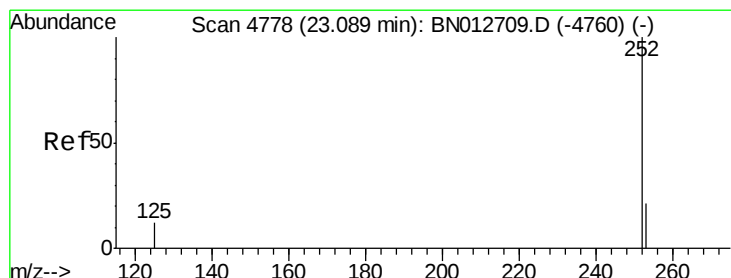
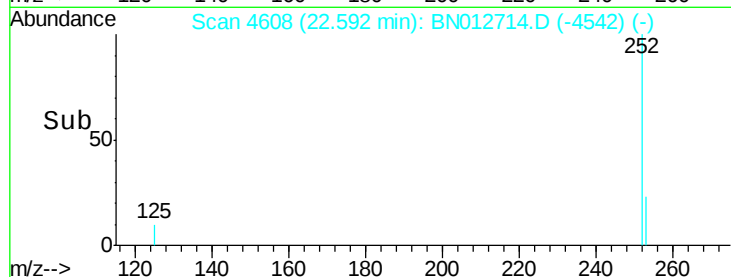
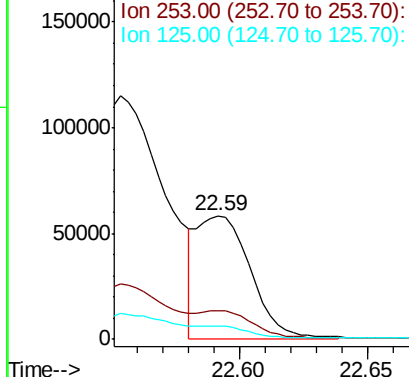
Tot Ion:	252	Resp:	86193
Ion Ratio	Lower	Upper	
252	100		
253	23.5	23.4	35.2
125	10.7	10.2	15.2

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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: 8.483 ng/ul

RT: 23.09 min Scan# 4778

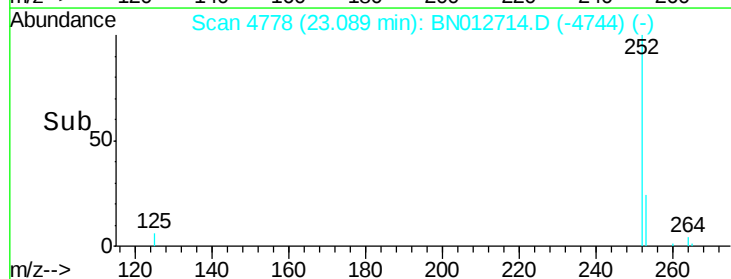
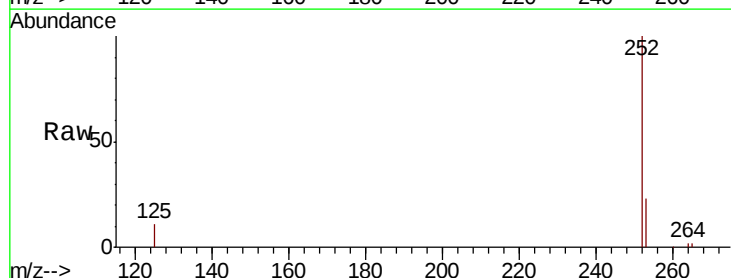
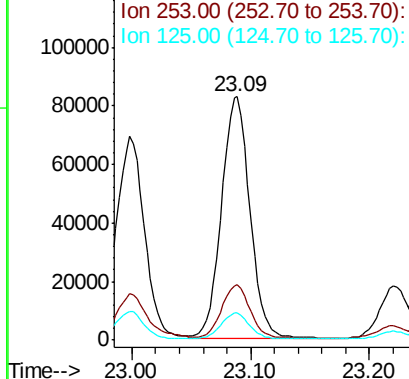
Delta R.T. 0.00 min

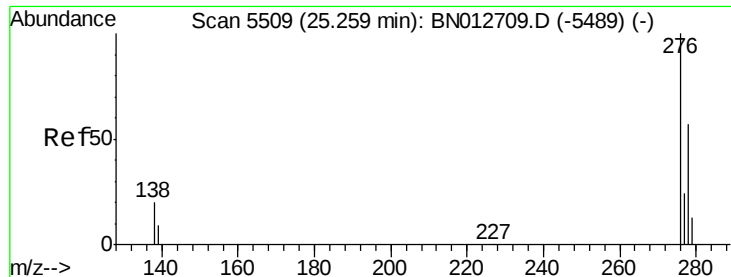
Lab File: BN012714.D

Acq: 24 Nov 2020 13:40

Tgt Ion:	252	Resp:	137213
Ion Ratio	Lower	Upper	
252	100		
253	22.9	27.6	41.4#
125	11.1	17.0	25.4#

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





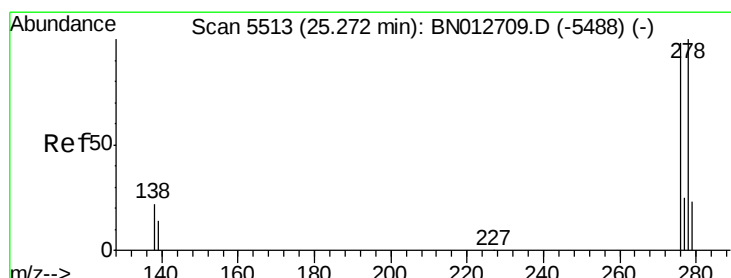
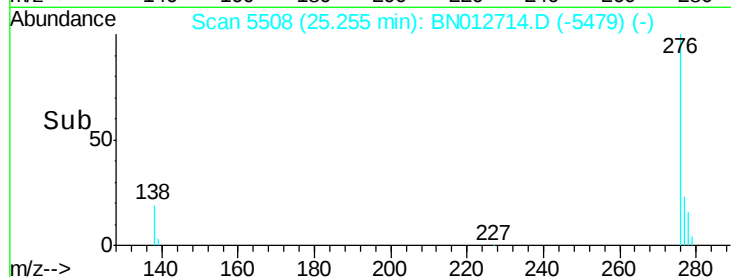
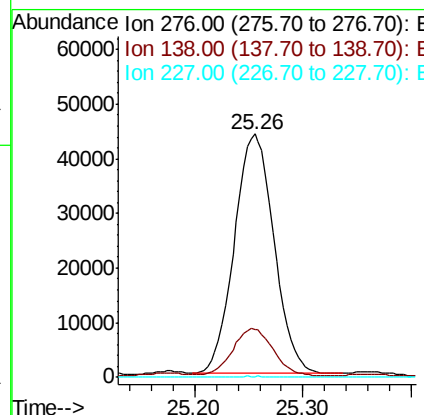
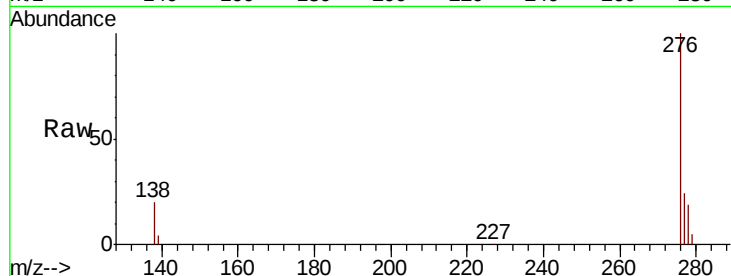
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 5.265 ng/ul
 RT: 25.26 min Scan# 5508
 Delta R.T. -0.00 min
 Lab File: BN012714.D
 Acq: 24 Nov 2020 13:40

Instrument :
 BNA_N
 ClientSampleId :
 C0B80

Tot Ion	Ratio	Lower	Upper
276	100		
138	19.8	16.5	24.7
227	0.2	0.1	0.1#

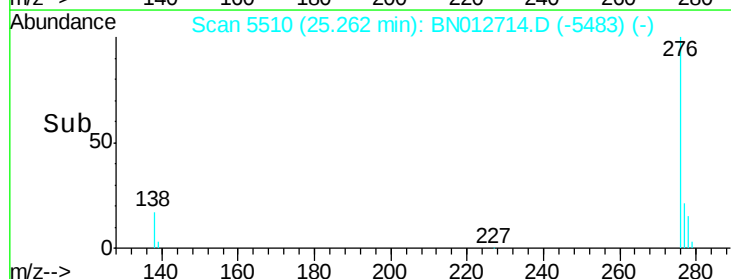
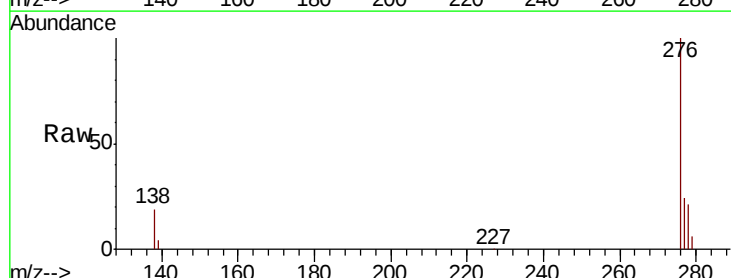
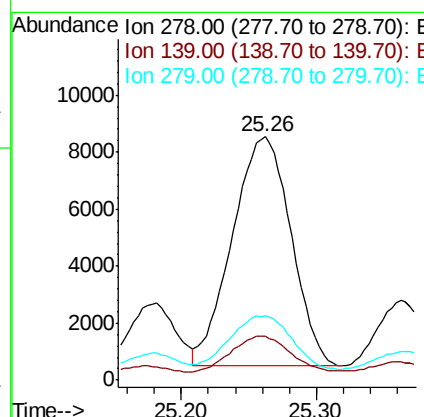
Manual Integrations
 APPROVED

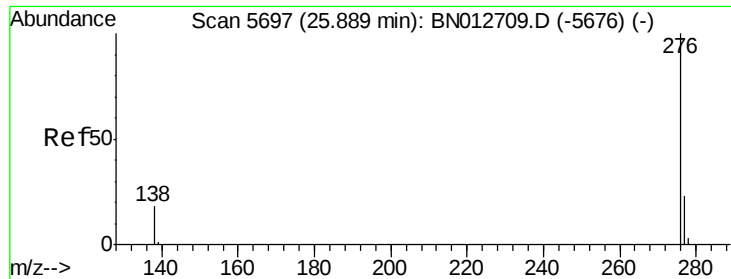
mohammad
 11/25/2020 1:20:51 PM



#25
 Dibenzo(a,h)anthracene
 Concen: 1.437 ng/ul
 RT: 25.26 min Scan# 5510
 Delta R.T. -0.01 min
 Lab File: BN012714.D
 Acq: 24 Nov 2020 13:40

Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.8	13.8	20.8
279	26.7	25.6	38.4





#26
 Benzo(a,h,i)perylene
 Concen: 5.474 ng/ul
 RT: 25.89 min Scan# 5697
 Delta R.T. 0.00 min
 Lab File: BN012714.D
 Acq: 24 Nov 2020 13:40

Instrument :
 BNA_N
 ClientSampleId :
 C0B80

Tot Ion:	276	Resp:	104213
Ion Ratio	Lower	Upper	
276	100		
138	20.4	16.3	24.5
277	23.8	21.8	32.8

Manual Integrations
 APPROVED

mohammad
 11/25/2020 1:20:51 PM

