

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120720\
 Data File : BN013043.D
 Acq On : 10 Dec 2020 12:41
 Operator : CG/JU
 Sample : L4941-07DL 5X
 Misc :
 ALS Vial : 113 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AZ2DL

Manual Integrations
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mohammad
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Quant Time: Dec 10 13:49:24 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN120320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 10 10:29:27 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	1013	0.40	ng/ul	0.00
2) Naphthalene-d8	10.14	136	4089	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.04	164	2256	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.80	188	4752	0.40	ng/ul	0.00
16) Chrysene-d12	21.03	240	3691	0.40	ng/ul	0.00
20) Perylene-d12	23.13	264	3368	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.75	152	189	0.03	ng/ul	0.00
14) Fluoranthene-d10	18.85	212	424	0.03	ng/ul	0.00
Target Compounds						
					Ovalue	
3) Naphthalene	10.19	128	297	0.025	ng/ul#	68
5) 2-Methylnaphthalene	11.83	142	309	0.040	ng/ul	97
7) Acenaphthylene	13.76	152	427	0.040	ng/ul#	76
8) Acenaphthene	14.11	153	1695	0.193	ng/ul	98
9) Fluorene	15.11	166	888	0.088	ng/ul	99
12) Phenanthrene	16.84	178	11610	0.729	ng/ul	97
13) Anthracene	16.94	178	1550	0.114	ng/ul#	95
15) Fluoranthene	18.87	202	38061	2.010	ng/ul	97
17) Pyrene	19.24	202	34687	1.990	ng/ul	99
18) Benzo(a)anthracene	21.01	228	14733	0.965	ng/ul	99
19) Chrysene	21.06	228	16915	1.003	ng/ul	98
21) Benzo(b)fluoranthene	22.51	252	20064m	1.288	ng/ul	
22) Benzo(k)fluoranthene	22.55	252	9030m	0.524	ng/ul	
23) Benzo(a)pyrene	23.04	252	12788	0.885	ng/ul#	89
24) Indeno(1,2,3-cd)pyrene	25.18	276	8564	0.451	ng/ul#	96
25) Dibenzo(a,h)anthracene	25.18	278	1986	0.132	ng/ul#	83
26) Benzo(a,h,i)perylene	25.81	276	7116	0.414	ng/ul	98

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

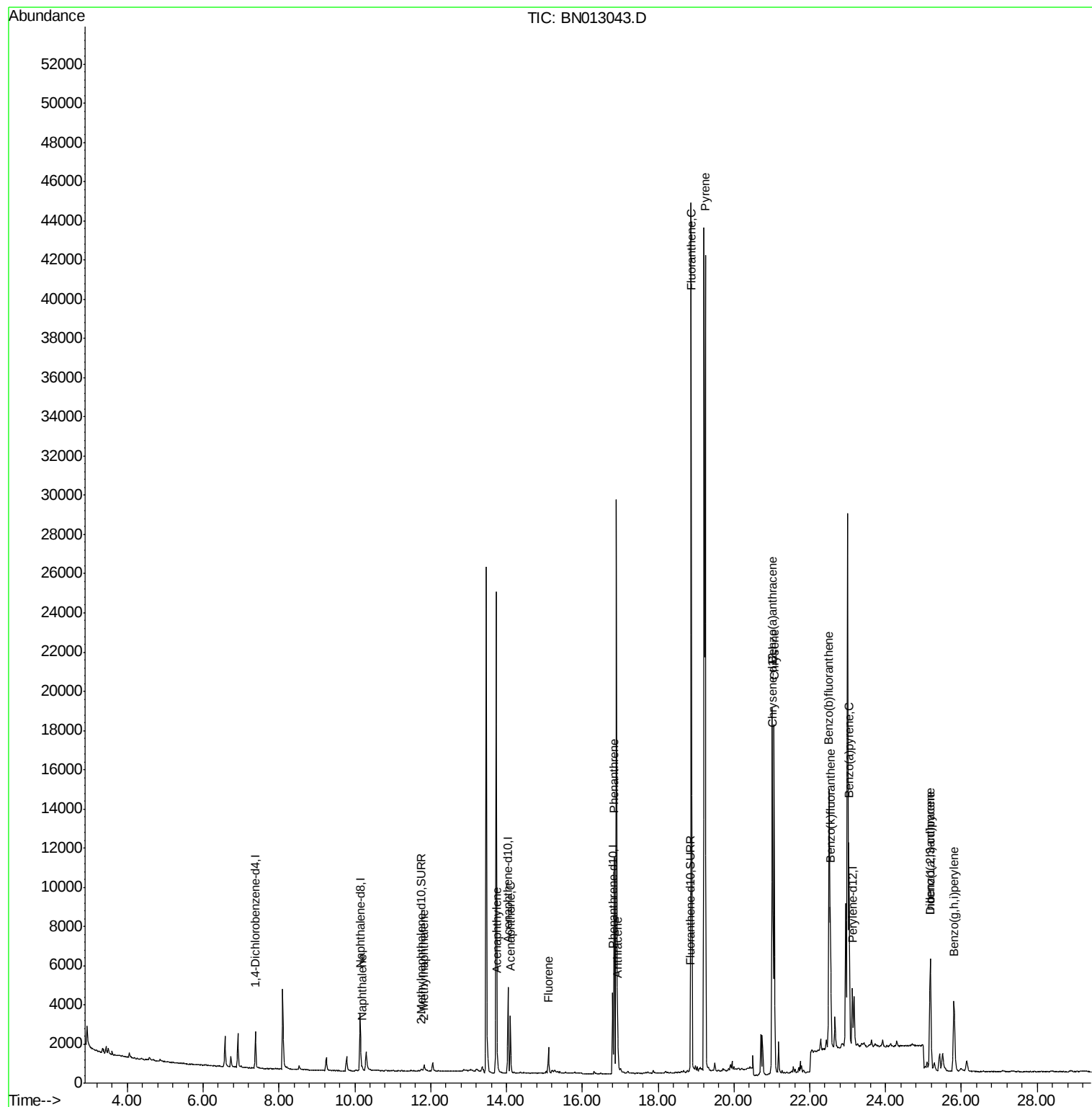
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120720\
Data File : BN013043.D
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ALS Vial : 113 Sample Multiplier: 1

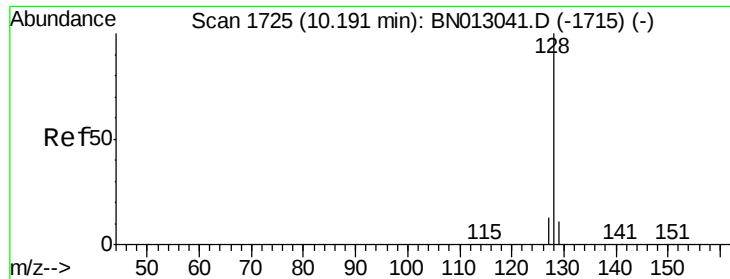
Instrument :
BNA_N
ClientSampleId :
C0AZ2DL

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Quant Time: Dec 10 13:49:24 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN120320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 10 10:29:27 2020
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.025 ng/ul

RT: 10.19 min Scan# 1725

Delta R.T. -0.00 min

Lab File: BN013043.D

Acq: 10 Dec 2020 12:41

Instrument :

BNA_N

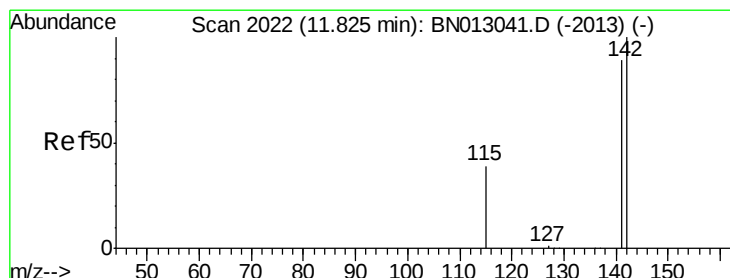
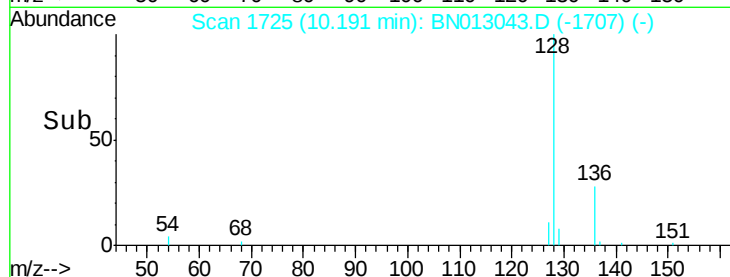
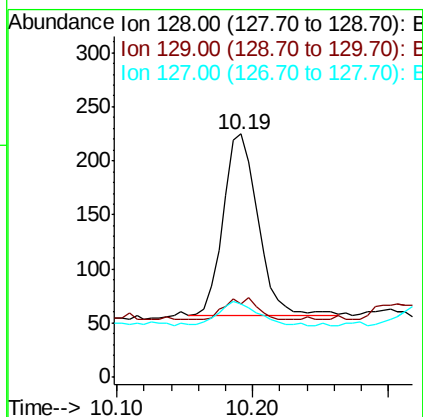
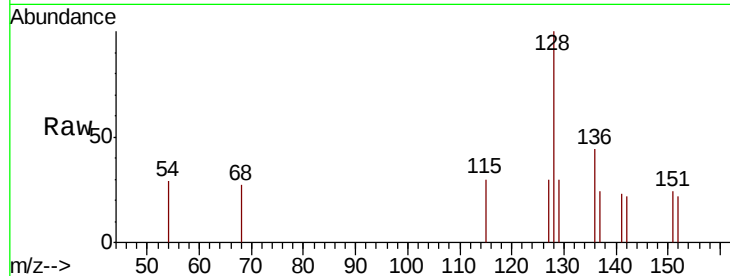
ClientSampleId :

C0AZ2DL

Tot Ion:	128	Resp:	297
Ion Ratio	Lower	Upper	
128	100		
129	30.2	12.3	18.5#
127	30.2	14.2	21.4#

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#5

2-Methylnaphthalene

Concen: 0.040 ng/ul

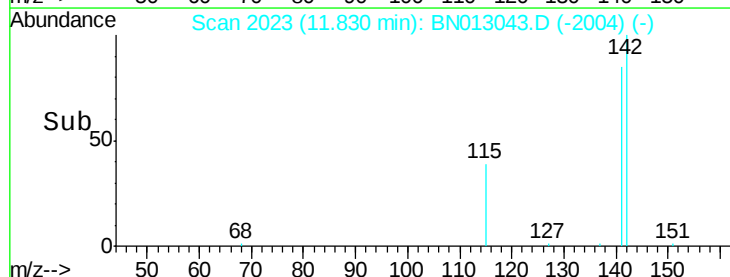
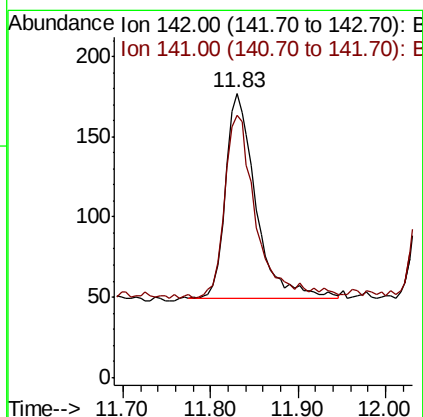
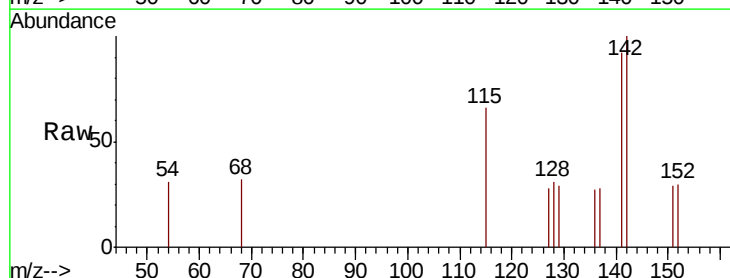
RT: 11.83 min Scan# 2023

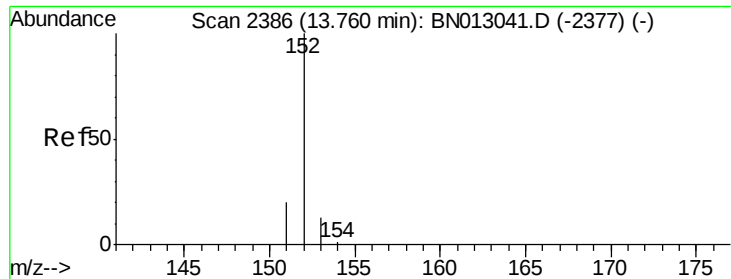
Delta R.T. 0.01 min

Lab File: BN013043.D

Acq: 10 Dec 2020 12:41

Tgt Ion:	142	Resp:	309
Ion Ratio	Lower	Upper	
142	100		
141	94.5	73.0	109.6





#7

Acenaphthylene

Concen: 0.040 ng/ul

RT: 13.76 min Scan# 2386

Delta R.T. -0.00 min

Lab File: BN013043.D

Acq: 10 Dec 2020 12:41

Instrument :

BNA_N

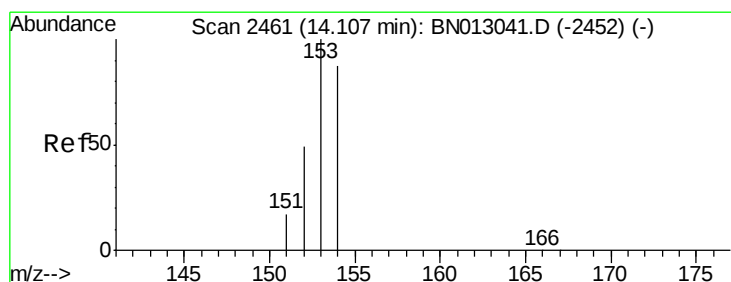
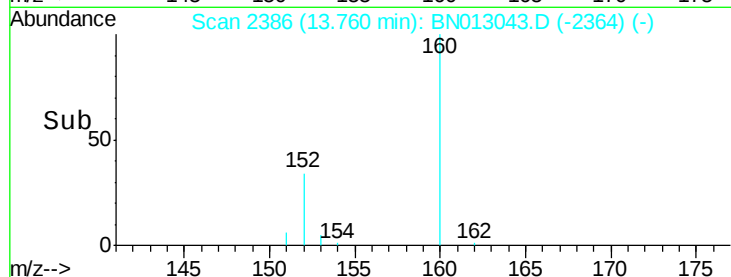
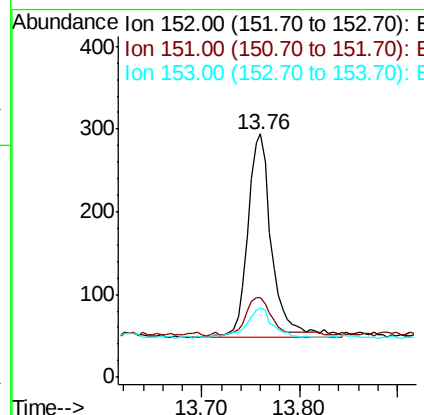
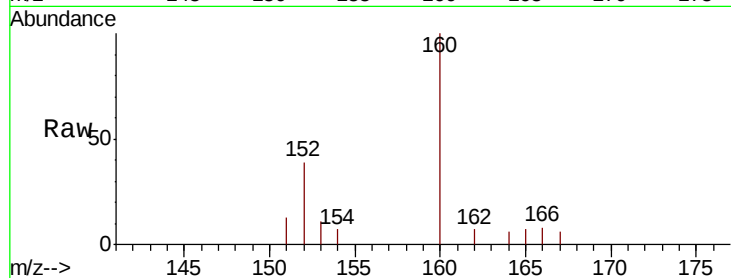
ClientSampleId :

C0AZ2DL

Tot Ion:	152	Resp:	427
Ion Ratio	Lower	Upper	
152	100		
151	32.7	18.2	27.4#
153	28.6	13.1	19.7#

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#8

Acenaphthene

Concen: 0.193 ng/ul

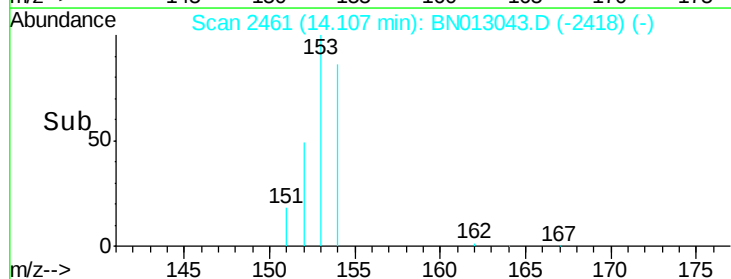
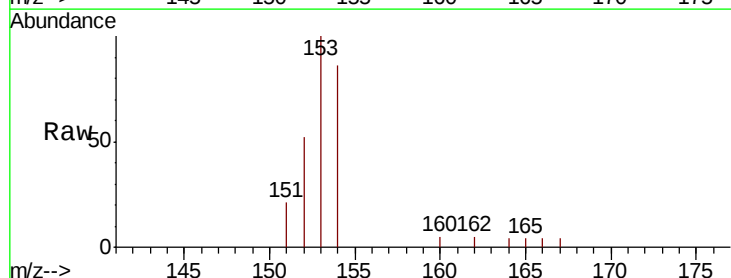
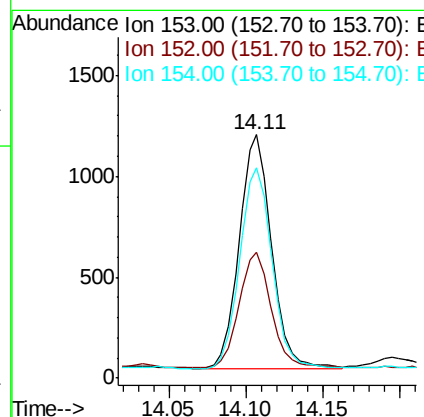
RT: 14.11 min Scan# 2461

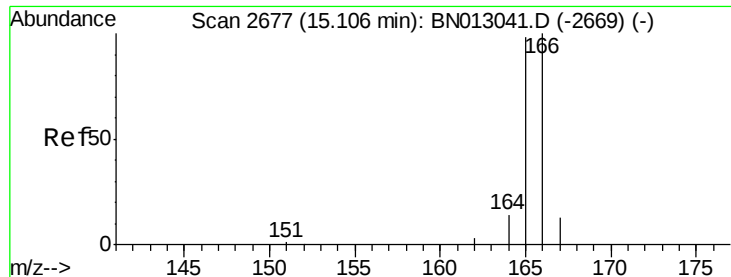
Delta R.T. -0.00 min

Lab File: BN013043.D

Acq: 10 Dec 2020 12:41

Tgt Ion:	153	Resp:	1695
Ion Ratio	Lower	Upper	
153	100		
152	51.6	40.7	61.1
154	86.5	70.8	106.2





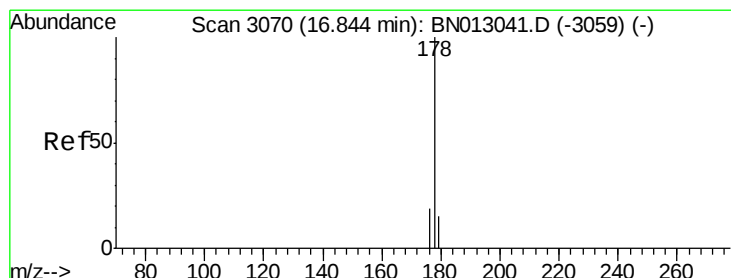
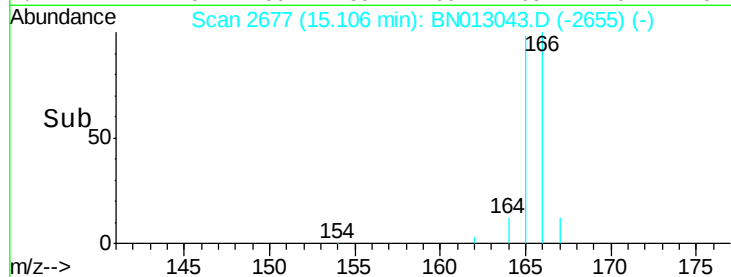
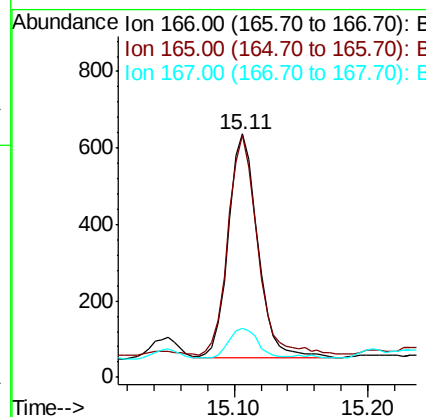
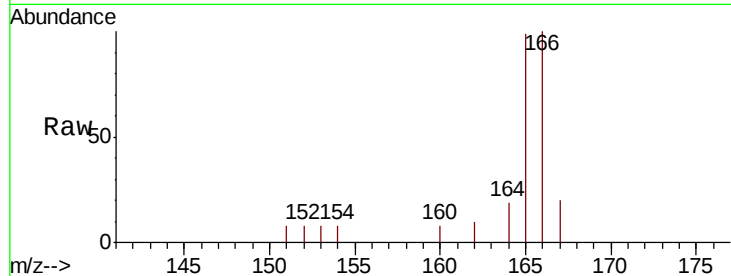
#9
Fluorene
 Concen: 0.088 ng/ul
 RT: 15.11 min Scan# 2677
 Delta R.T. -0.00 min
 Lab File: BN013043.D
 Acq: 10 Dec 2020 12:41

Instrument :
 BNA_N
 ClientSampleId :
 C0AZ2DL

Tot Ion:	166	Resp:	888
Ion	Ratio	Lower	Upper
166	100		
165	99.4	79.8	119.8
167	20.3	13.8	20.8

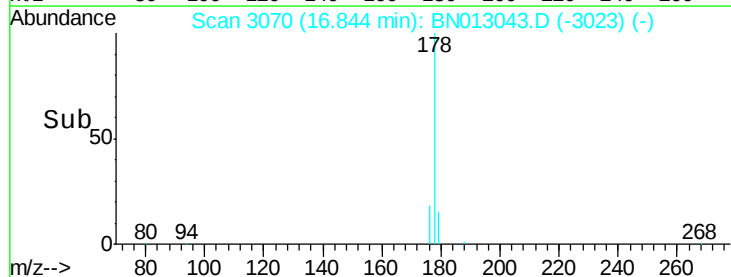
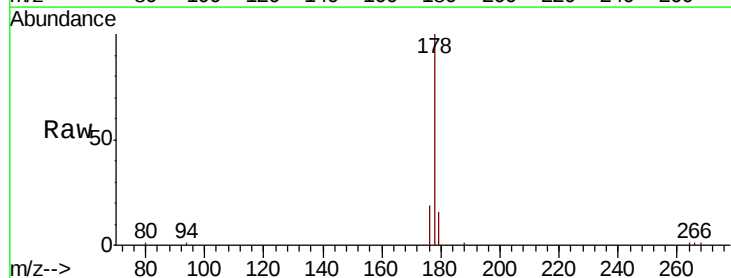
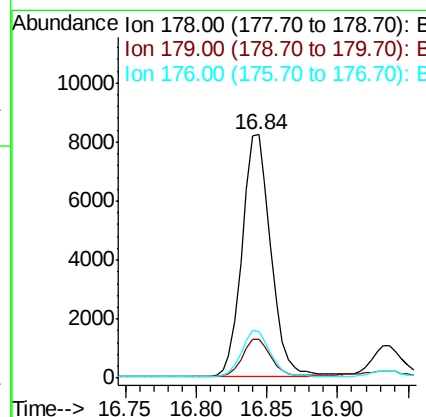
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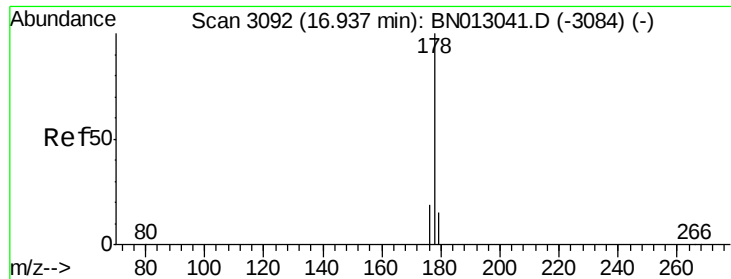
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#12
Phenanthrene
 Concen: 0.729 ng/ul
 RT: 16.84 min Scan# 3070
 Delta R.T. -0.00 min
 Lab File: BN013043.D
 Acq: 10 Dec 2020 12:41

Tgt Ion:	178	Resp:	11610
Ion	Ratio	Lower	Upper
178	100		
179	16.1	13.6	20.4
176	18.9	16.4	24.6





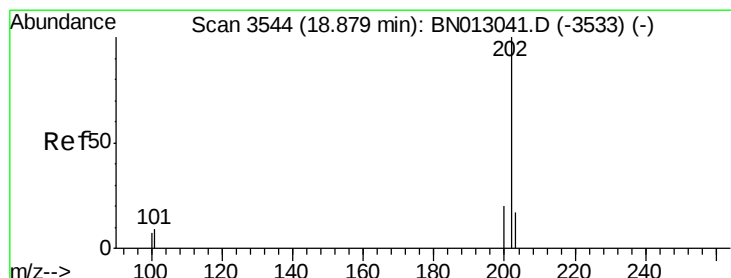
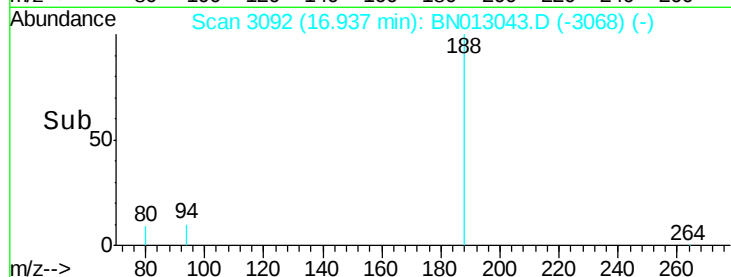
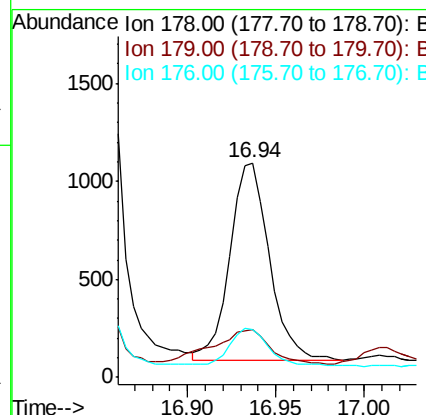
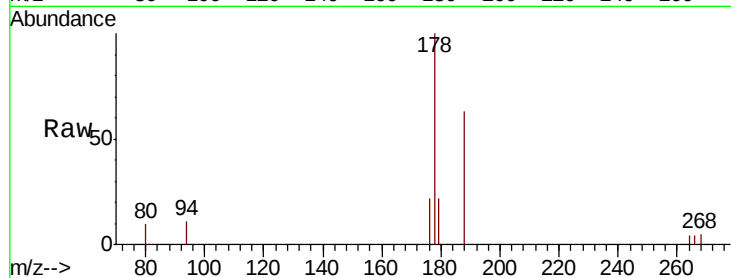
#13
 Anthracene
 Concen: 0.114 ng/ul
 RT: 16.94 min Scan# 3092
 Delta R.T. -0.00 min
 Lab File: BN013043.D
 Acq: 10 Dec 2020 12:41

Instrument :
 BNA_N
 ClientSampleId :
 C0AZ2DL

Tot Ion	Ratio	Lower	Upper
178	100		
179	22.4	14.6	21.8#
176	22.3	17.1	25.7

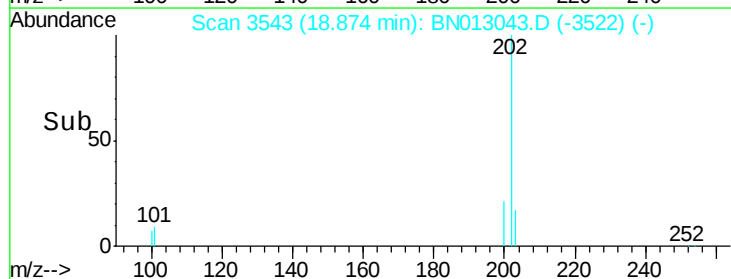
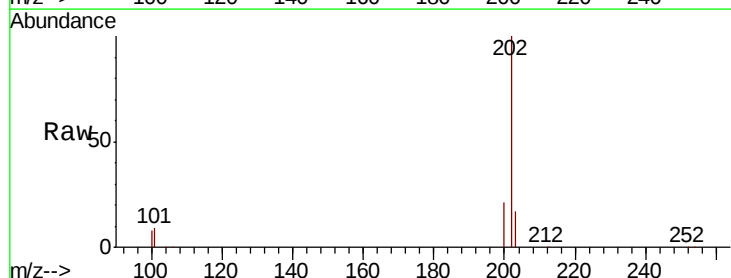
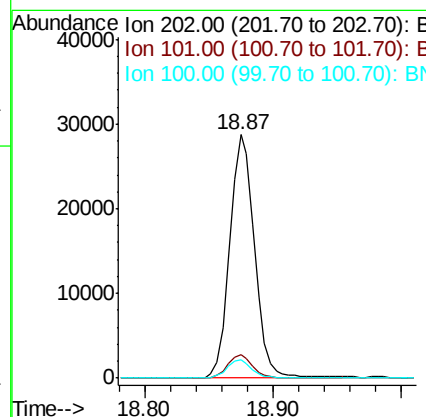
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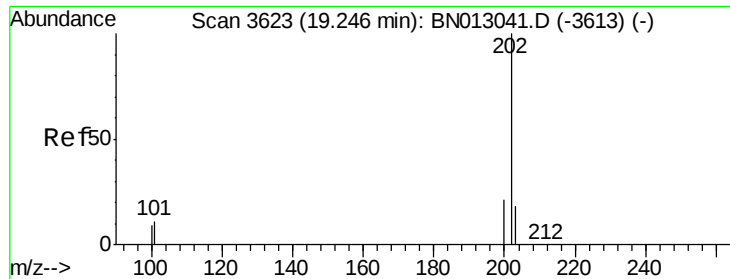
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#15
 Fluoranthene
 Concen: 2.010 ng/ul
 RT: 18.87 min Scan# 3543
 Delta R.T. -0.00 min
 Lab File: BN013043.D
 Acq: 10 Dec 2020 12:41

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.5	0.0	30.6
100	7.5	0.0	28.7





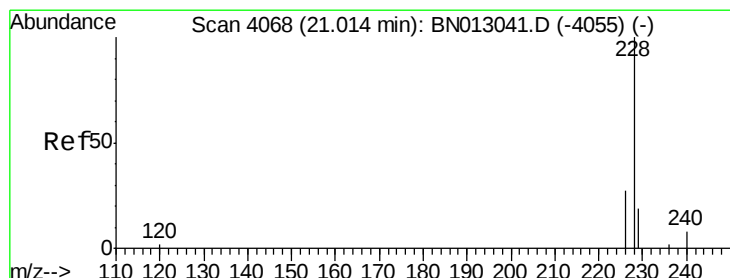
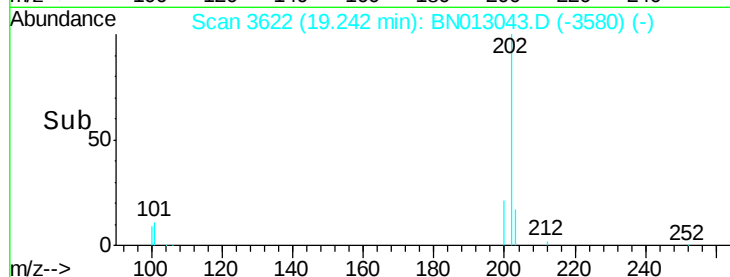
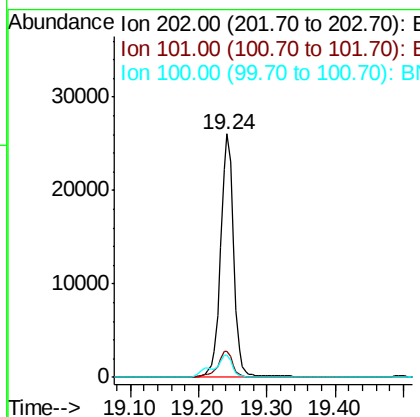
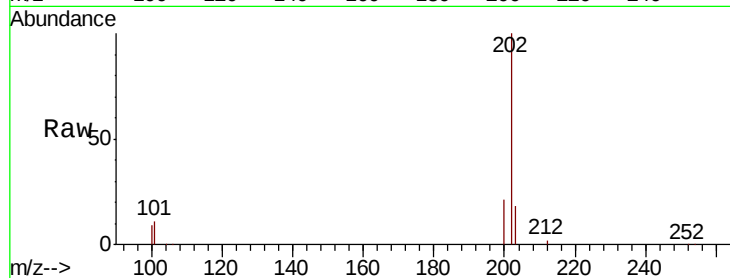
#17
Pvrene
Concen: 1.990 ng/ul
RT: 19.24 min Scan# 3622
Delta R.T. -0.00 min
Lab File: BN013043.D
Acq: 10 Dec 2020 12:41

Instrument :
BNA_N
ClientSampleId :
C0AZ2DL

Tot Ion	Ratio	Lower	Upper
202	100		
101	10.8	9.1	13.7
100	9.2	7.5	11.3

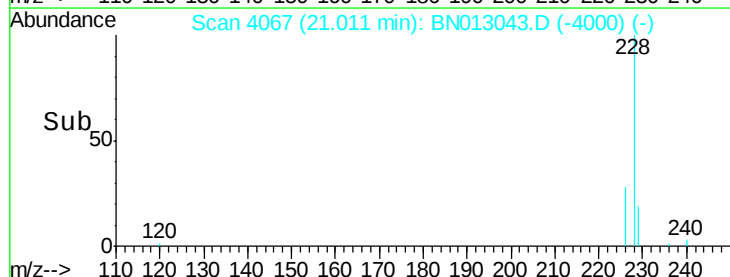
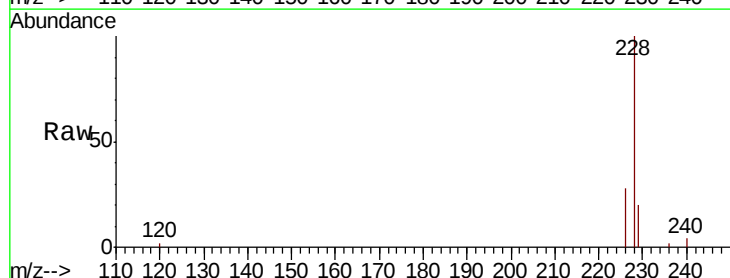
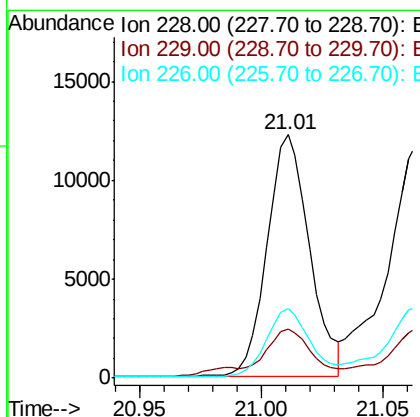
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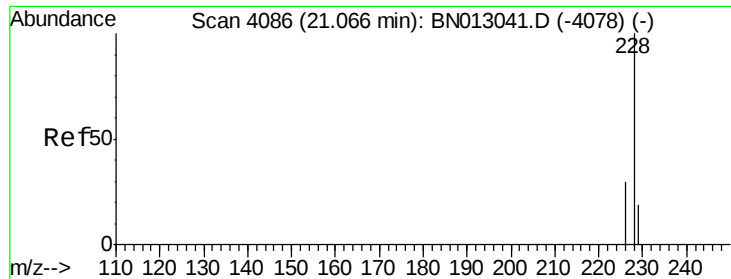
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#18
Benzo(a)anthracene
Concen: 0.965 ng/ul
RT: 21.01 min Scan# 4067
Delta R.T. -0.00 min
Lab File: BN013043.D
Acq: 10 Dec 2020 12:41

Tgt Ion	Ratio	Lower	Upper
228	100		
229	19.9	16.3	24.5
226	28.4	23.4	35.2





#19

Chrysene

Concen: 1.003 ng/ul

RT: 21.06 min Scan# 4085

Delta R.T. -0.00 min

Lab File: BN013043.D

Acq: 10 Dec 2020 12:41

Instrument :

BNA_N

ClientSampleId :

C0AZ2DL

Tot Ion:228 Resp: 16915

Ion Ratio Lower Upper

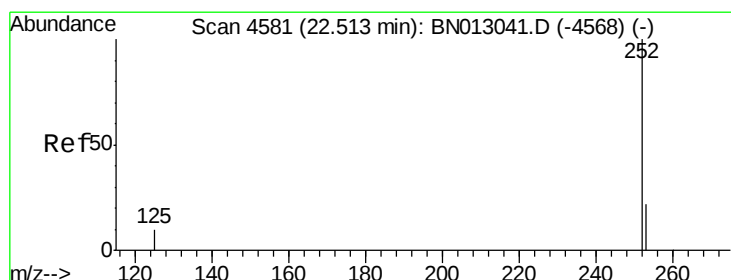
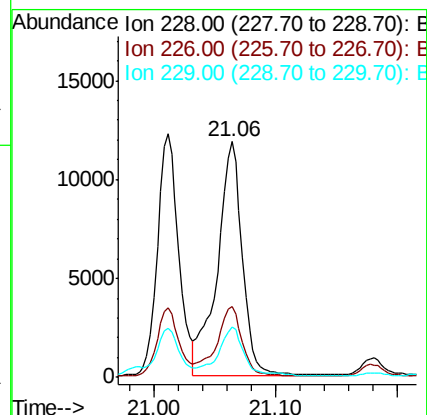
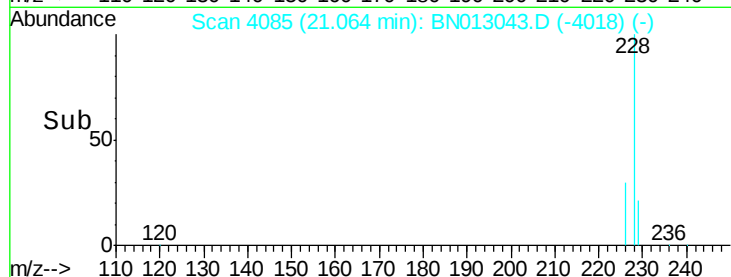
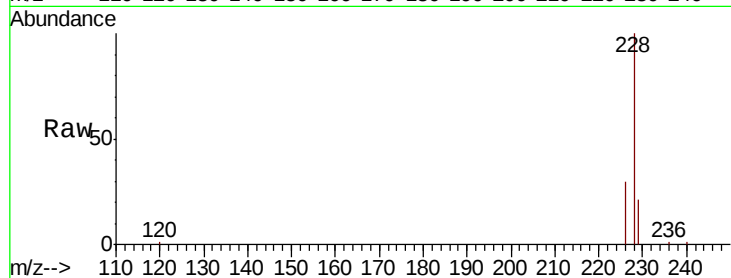
228 100

226 30.3 25.0 37.6

229 21.1 16.4 24.6

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#21

Benzo(b)fluoranthene

Concen: 1.288 ng/ul m

RT: 22.51 min Scan# 4580

Delta R.T. -0.00 min

Lab File: BN013043.D

Acq: 10 Dec 2020 12:41

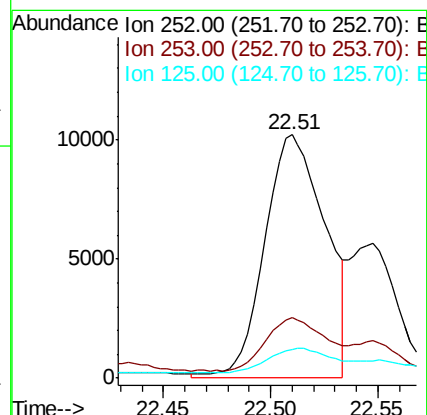
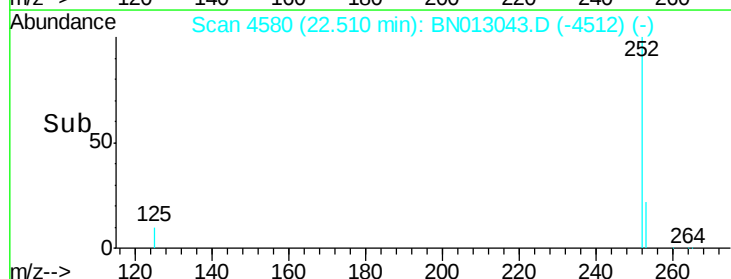
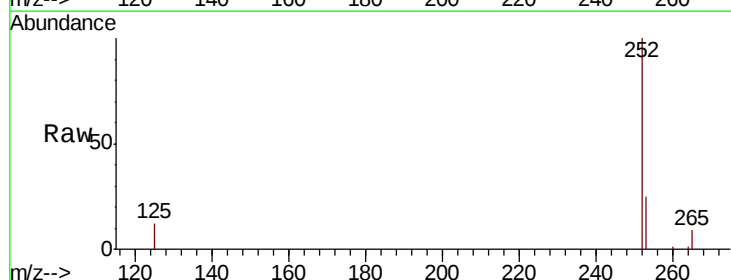
Tgt Ion:252 Resp: 20064

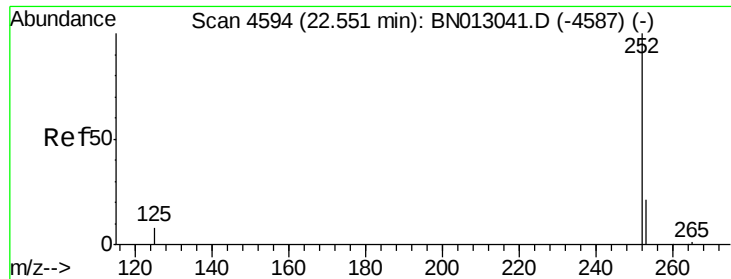
Ion Ratio Lower Upper

252 100

253 24.6 0.0 59.6

125 11.8 0.0 26.0





#22

Benzo(k)fluoranthene

Concen: 0.524 ng/ul m

RT: 22.55 min Scan# 4593

Delta R.T. -0.00 min

Lab File: BN013043.D

Acq: 10 Dec 2020 12:41

Instrument :

BNA_N

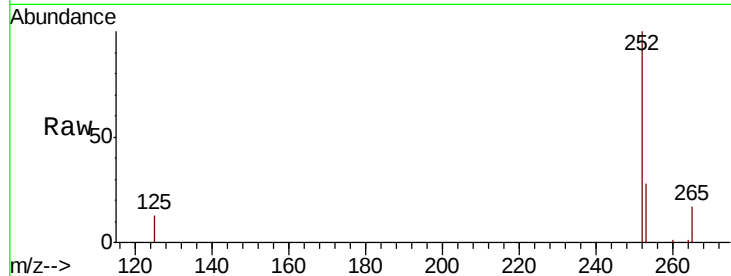
ClientSampleId :

C0AZ2DL

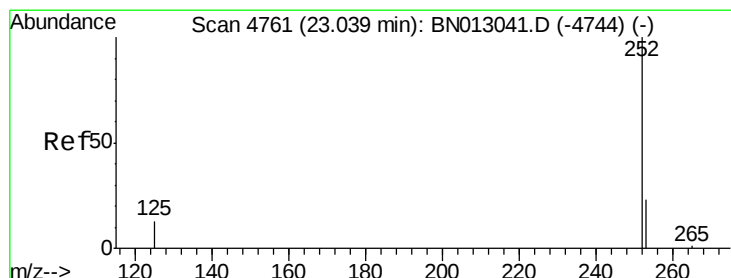
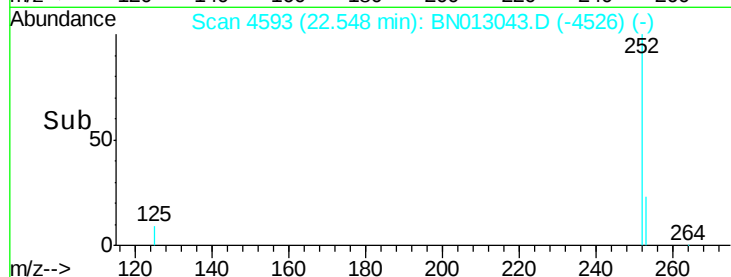
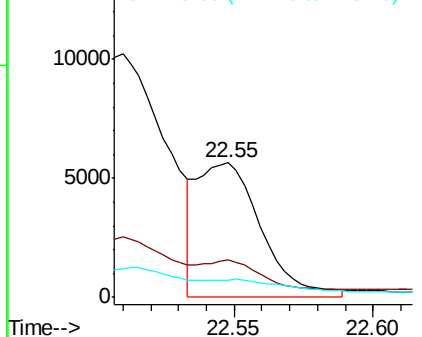
Tot Ion:	252	Resp:	9030
Ion Ratio	Lower	Upper	
252	100		
253	27.7	23.4	35.2
125	12.7	11.1	16.7

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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: 0.885 ng/ul

RT: 23.04 min Scan# 4760

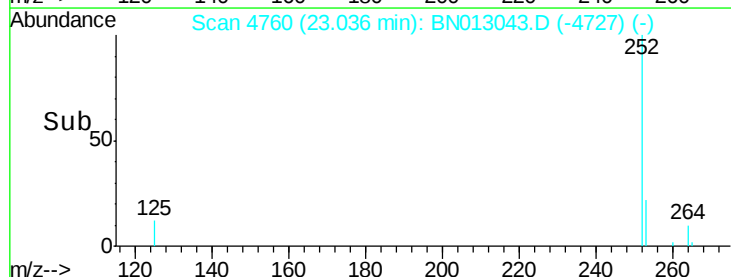
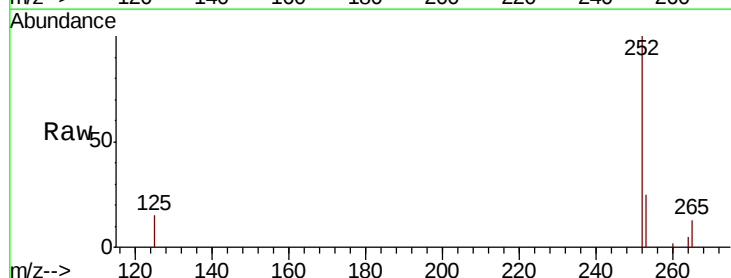
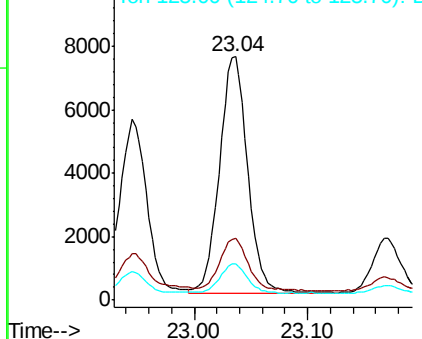
Delta R.T. -0.00 min

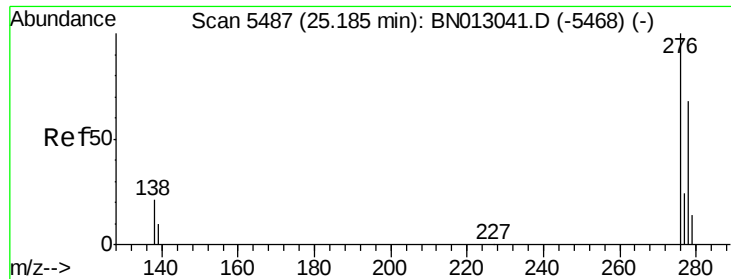
Lab File: BN013043.D

Acq: 10 Dec 2020 12:41

Tgt Ion:	252	Resp:	12788
Ion Ratio	Lower	Upper	
252	100		
253	25.3	26.5	39.7#
125	14.7	14.2	21.2

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: 0.451 ng/uL

RT: 25.18 min Scan# 5485

Delta R.T. -0.01 min

Lab File: BN013043.D

Acq: 10 Dec 2020 12:41

Instrument :

BNA_N

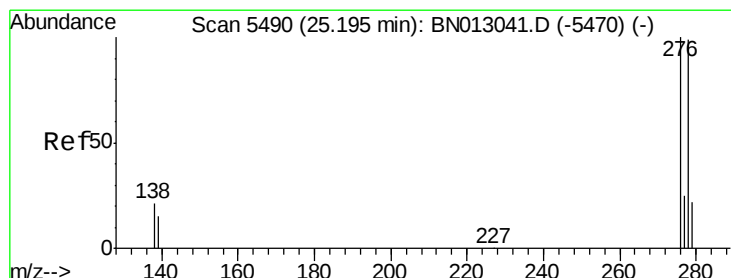
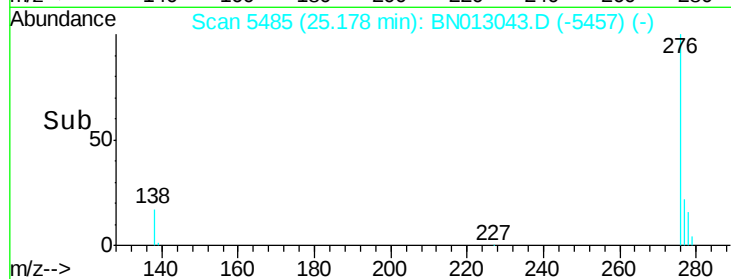
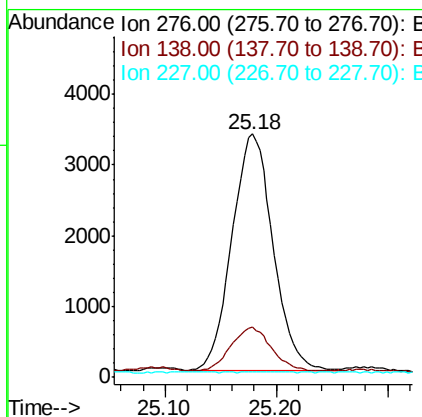
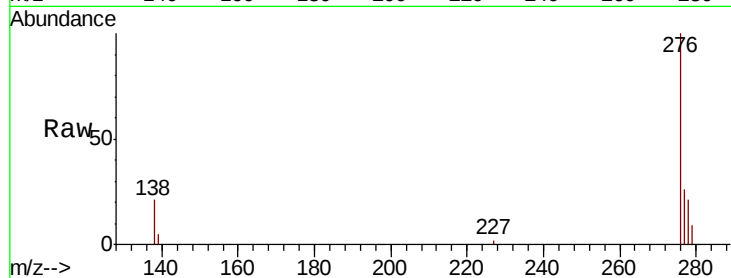
ClientSampleId :

C0AZ2DL

Tot Ion:	276	Resp:	8564
Ion Ratio	Lower	Upper	
276	100		
138	18.2	16.2	24.2
227	0.0	0.0	0.0#

Manual Integrations
APPROVED

mohammad
12/11/2020 1:19:14 PM



#25

Dibenzo(a,h)anthracene

Concen: 0.132 ng/uL

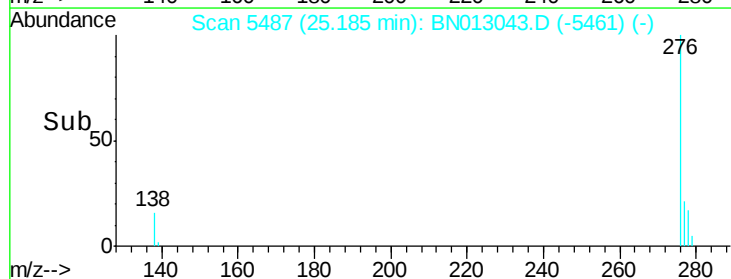
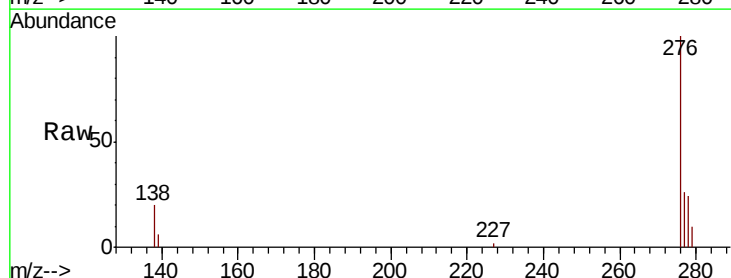
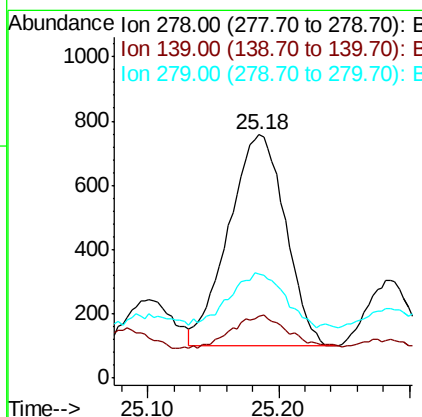
RT: 25.18 min Scan# 5487

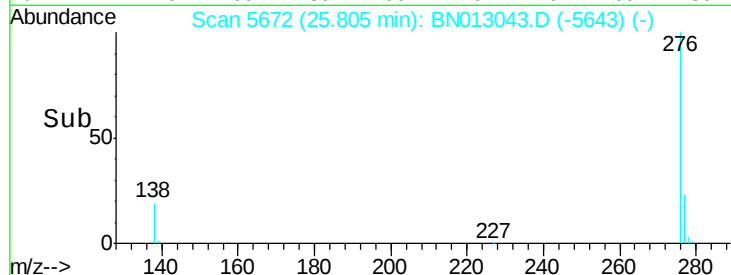
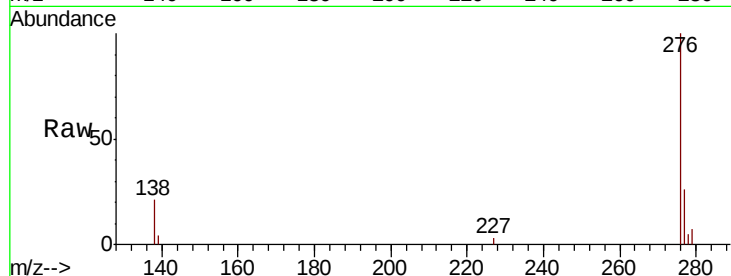
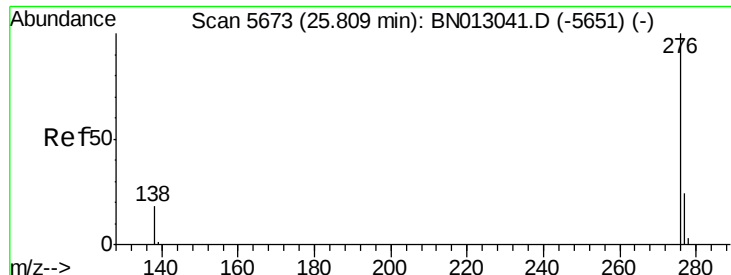
Delta R.T. -0.01 min

Lab File: BN013043.D

Acq: 10 Dec 2020 12:41

Tgt Ion:	278	Resp:	1986
Ion Ratio	Lower	Upper	
278	100		
139	25.3	14.5	21.7#
279	42.5	26.3	39.5#





#26
Benzo(a,h,i)perylene
Concen: 0.414 ng/ul
RT: 25.81 min Scan# 5672
Delta R.T. -0.00 min
Lab File: BN013043.D
Acq: 10 Dec 2020 12:41

Tot Ion:	276	Resp:	7116
Ion Ratio	Lower	Upper	
276	100		
138	21.4	16.3	24.5
277	25.9	21.8	32.6

Instrument :
BNA_N
ClientSampleId :
C0AZ2DL

Manual Integrations
APPROVED

mohammad
12/11/2020 1:19:14 PM

