

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120720\
 Data File : BN013040.D
 Acq On : 10 Dec 2020 10:52
 Operator : CG/JU
 Sample : L4941-11DL 2X
 Misc :
 ALS Vial : 110 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0B30DL

Manual Integrations
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Quant Time: Dec 10 11:44:36 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	693	0.40	ng/ul	0.00
2) Naphthalene-d8	10.14	136	2921	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.04	164	1654	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.80	188	3511	0.40	ng/ul	0.00
16) Chrysene-d12	21.03	240	3047	0.40	ng/ul	0.00
20) Perylene-d12	23.13	264	2995	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.75	152	312	0.07	ng/ul	0.00
14) Fluoranthene-d10	18.85	212	800	0.08	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.19	128	206	0.024	ng/ul#	48
5) 2-Methylnaphthalene	11.82	142	138	0.025	ng/ul	98
7) Acenaphthylene	13.76	152	764	0.098	ng/ul#	88
8) Acenaphthene	14.11	153	137	0.021	ng/ul#	92
9) Fluorene	15.11	166	222	0.030	ng/ul#	92
12) Phenanthrene	16.84	178	5792	0.492	ng/ul	98
13) Anthracene	16.93	178	1301	0.130	ng/ul#	94
15) Fluoranthene	18.87	202	18937	1.354	ng/ul	99
17) Pyrene	19.24	202	17651	1.226	ng/ul	98
18) Benzo(a)anthracene	21.01	228	8912	0.707	ng/ul	99
19) Chrysene	21.06	228	10525	0.756	ng/ul	98
21) Benzo(b)fluoranthene	22.51	252	14850m	1.072	ng/ul	
22) Benzo(k)fluoranthene	22.55	252	6194m	0.404	ng/ul	
23) Benzo(a)pyrene	23.04	252	9529	0.741	ng/ul	92
24) Indeno(1,2,3-cd)pyrene	25.18	276	6576	0.389	ng/ul#	97
25) Dibenzo(a,h)anthracene	25.18	278	1596	0.119	ng/ul#	71
26) Benzo(a,h,i)perylene	25.80	276	5666	0.371	ng/ul	97

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

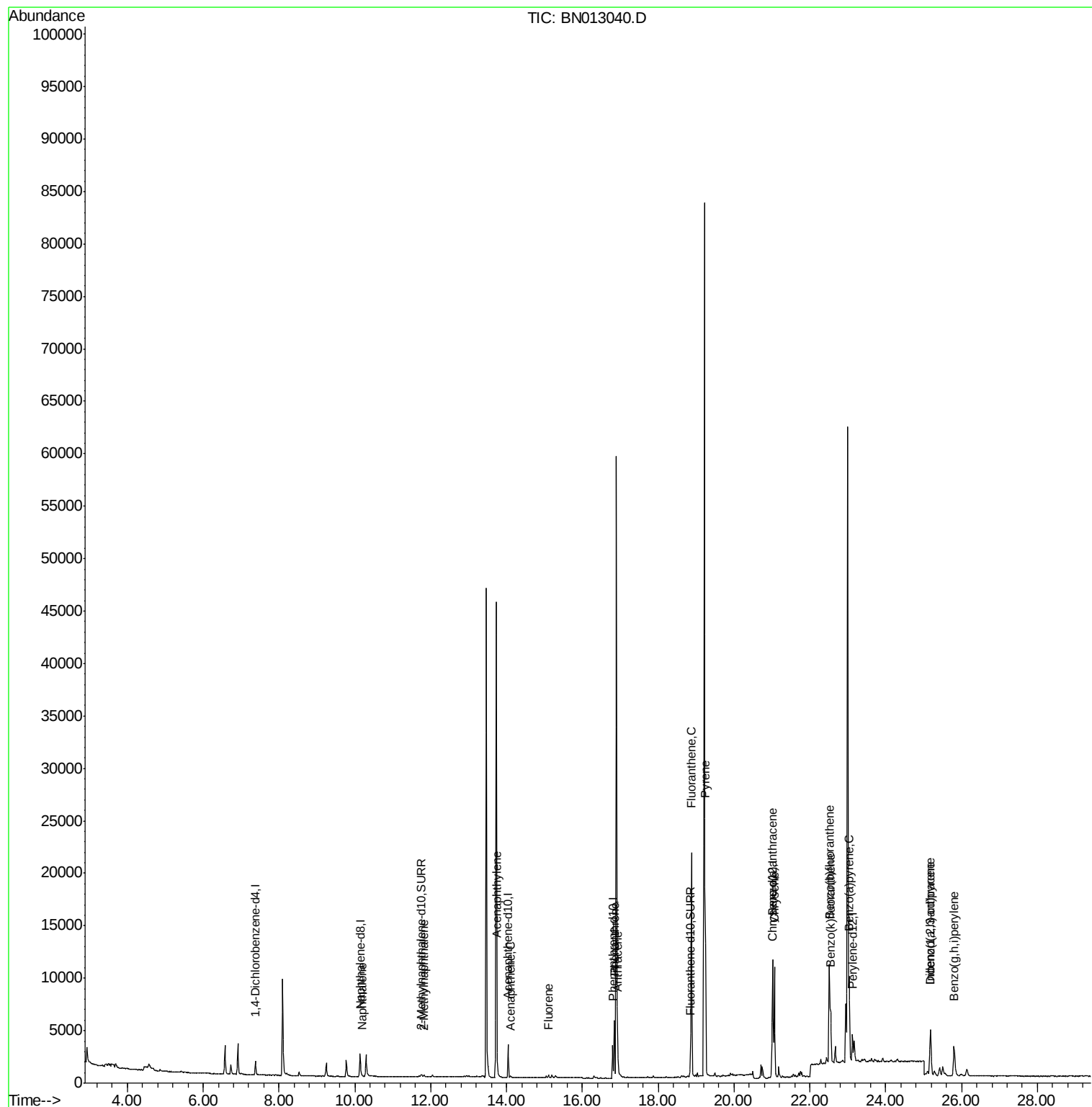
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120720\
Data File : BN013040.D
Acq On : 10 Dec 2020 10:52
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ALS Vial : 110 Sample Multiplier: 1

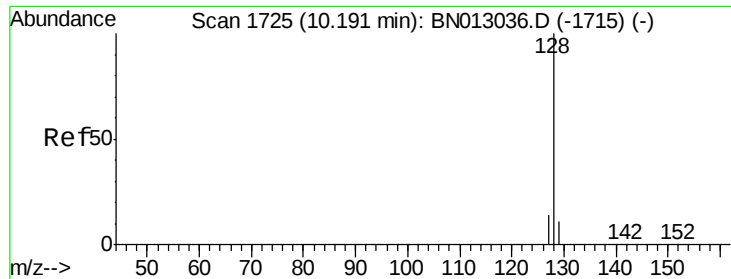
Instrument :
BNA_N
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C0B30DL

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Quant Time: Dec 10 11:44:36 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: 0.024 ng/ul

RT: 10.19 min Scan# 1725

Delta R.T. 0.00 min

Lab File: BN013040.D

Acq: 10 Dec 2020 10:52

Instrument :

BNA_N

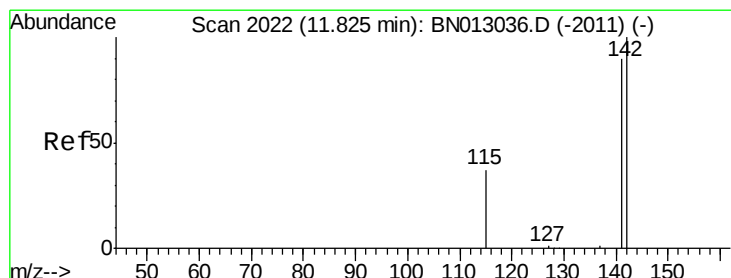
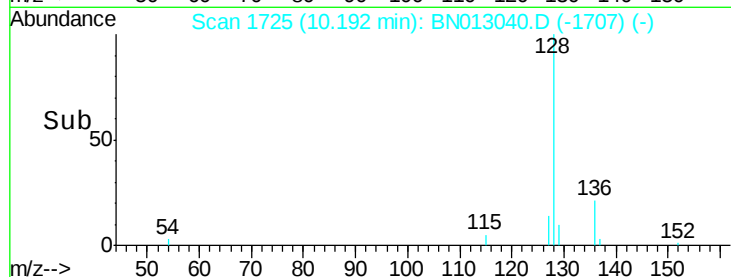
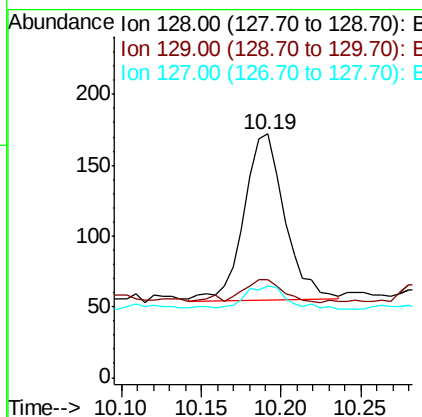
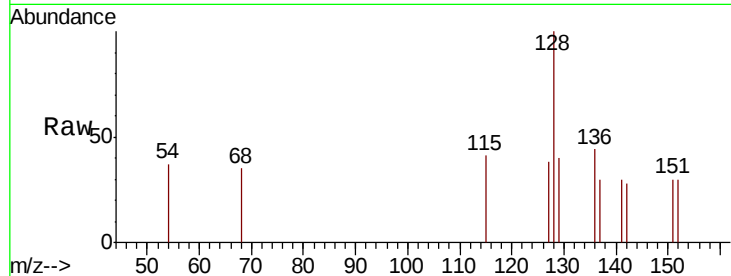
ClientSampleId :

C0B30DL

Tot Ion:	128	Resp:	206
Ion	Ratio	Lower	Upper
128	100		
129	40.1	12.3	18.5#
127	37.8	14.2	21.4#

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#5

2-Methylnaphthalene

Concen: 0.025 ng/ul

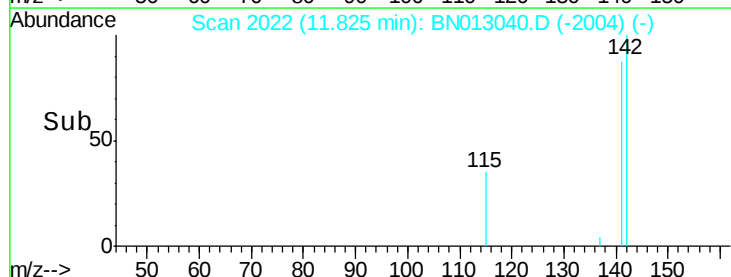
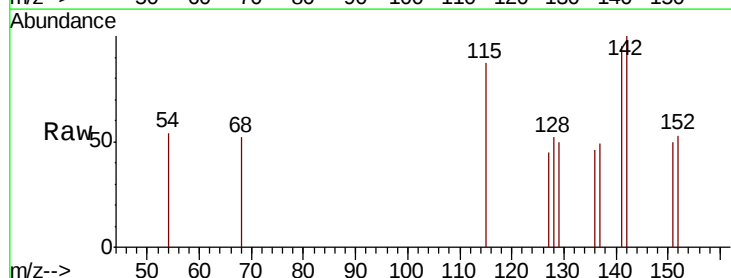
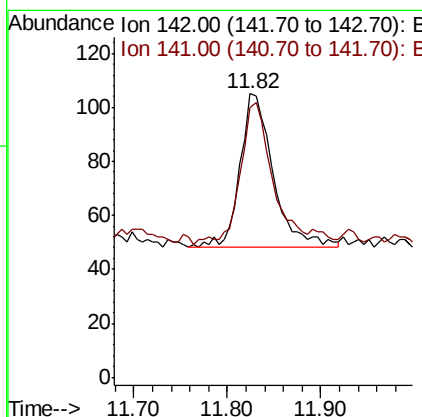
RT: 11.82 min Scan# 2022

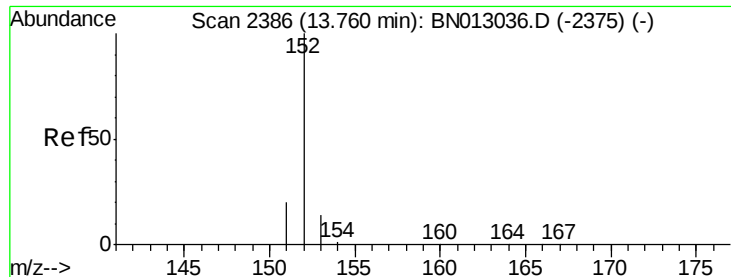
Delta R.T. 0.00 min

Lab File: BN013040.D

Acq: 10 Dec 2020 10:52

Tgt Ion:	142	Resp:	138
Ion	Ratio	Lower	Upper
142	100		
141	89.1	73.0	109.6





#7

Acenaphthylene

Concen: 0.098 ng/ul

RT: 13.76 min Scan# 2385

Delta R.T. -0.00 min

Lab File: BN013040.D

Acq: 10 Dec 2020 10:52

Instrument :

BNA_N

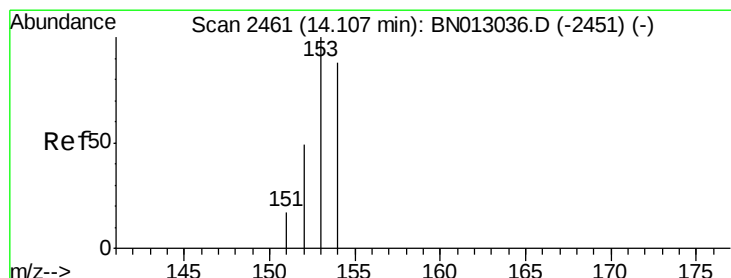
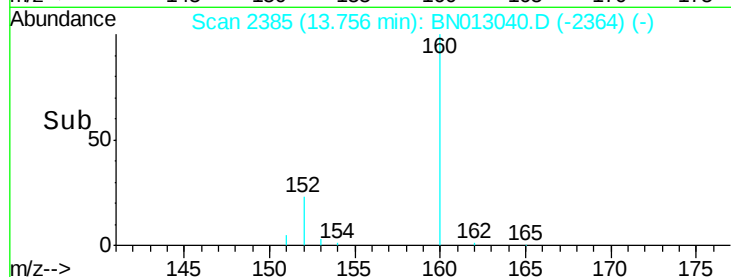
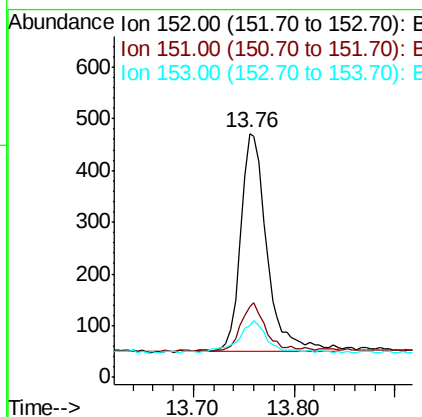
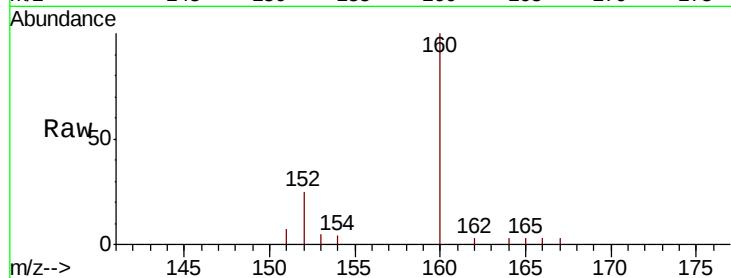
ClientSampleId :

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Tot Ion:	152	Resp:	764
Ion Ratio	Lower	Upper	
152	100		
151	28.9	18.2	27.4#
153	21.2	13.1	19.7#

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#8

Acenaphthene

Concen: 0.021 ng/ul

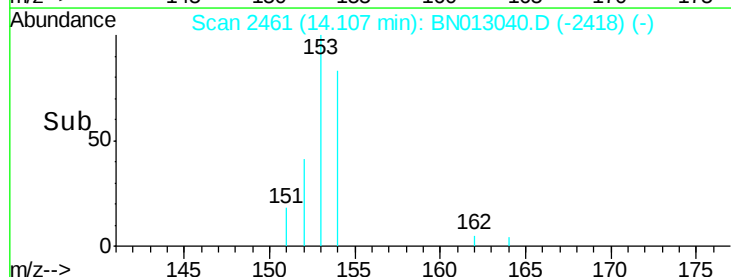
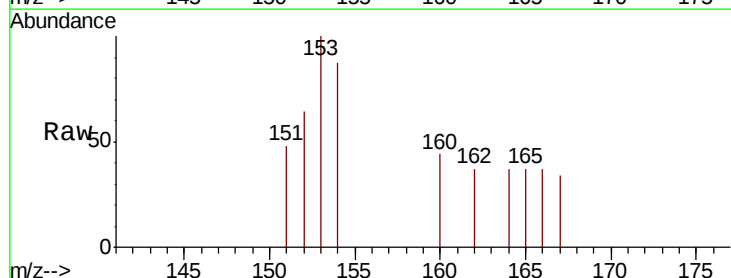
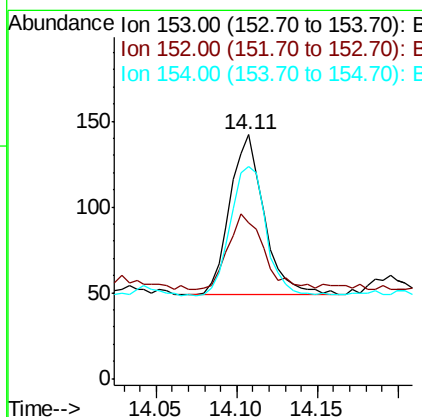
RT: 14.11 min Scan# 2461

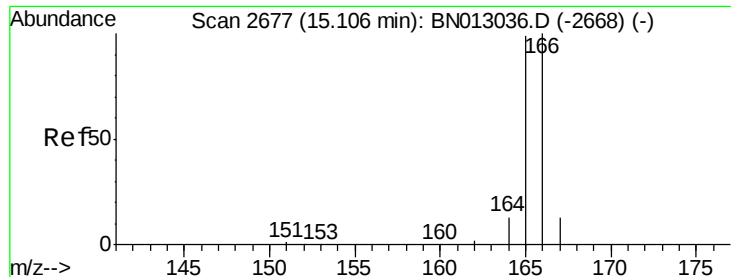
Delta R.T. 0.00 min

Lab File: BN013040.D

Acq: 10 Dec 2020 10:52

Tgt Ion:	153	Resp:	137
Ion Ratio	Lower	Upper	
153	100		
152	64.1	40.7	61.1#
154	87.3	70.8	106.2





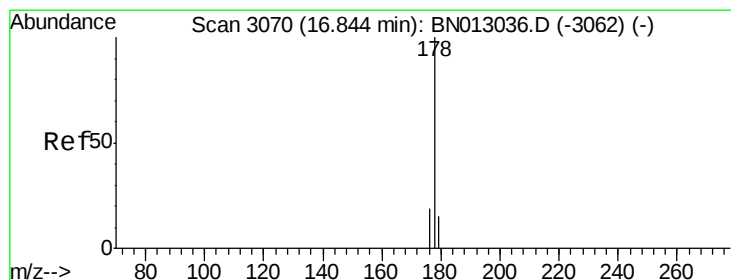
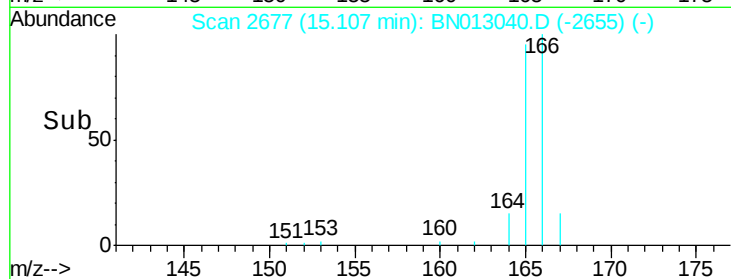
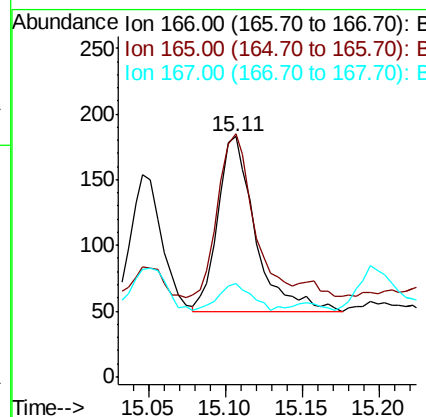
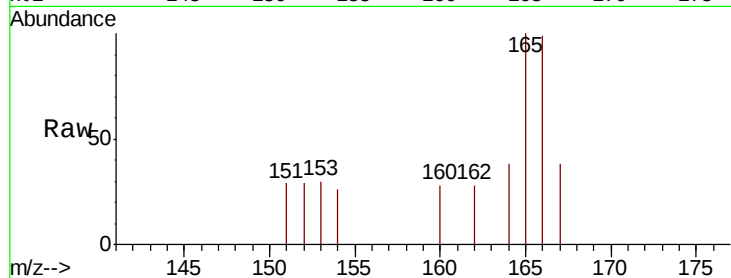
#9
Fluorene
 Concen: 0.030 ng/ul
 RT: 15.11 min Scan# 2677
 Delta R.T. 0.00 min
 Lab File: BN013040.D
 Acq: 10 Dec 2020 10:52

Instrument :
 BNA_N
 ClientSampleId :
 C0B30DL

Tot Ion	Ratio	Lower	Upper
166	100		
165	101.1	79.8	119.8
167	38.8	13.8	20.8

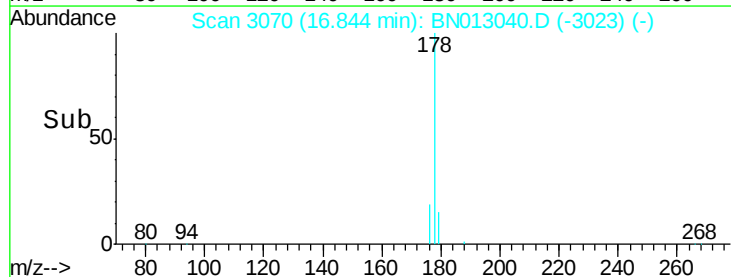
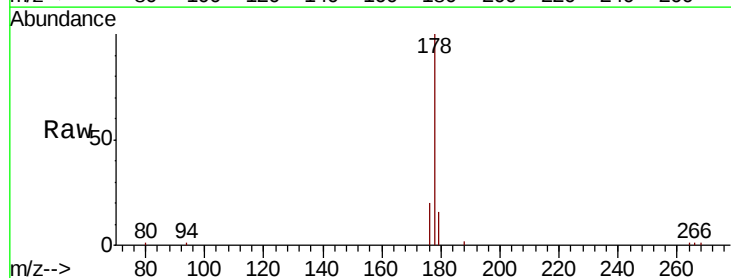
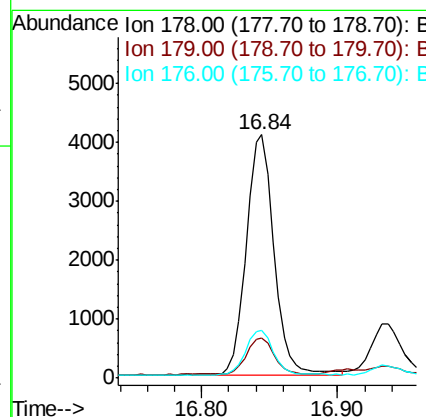
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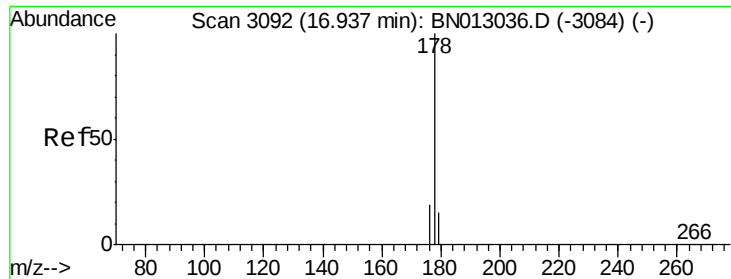
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#12
Phenanthrene
 Concen: 0.492 ng/ul
 RT: 16.84 min Scan# 3070
 Delta R.T. 0.00 min
 Lab File: BN013040.D
 Acq: 10 Dec 2020 10:52

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.3	13.6	20.4
176	19.7	16.4	24.6





#13

Anthracene

Concen: 0.130 ng/ul

RT: 16.93 min Scan# 3091

Delta R.T. -0.00 min

Lab File: BN013040.D

Acq: 10 Dec 2020 10:52

Instrument :

BNA_N

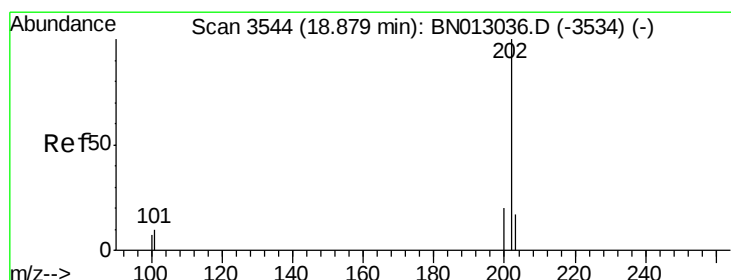
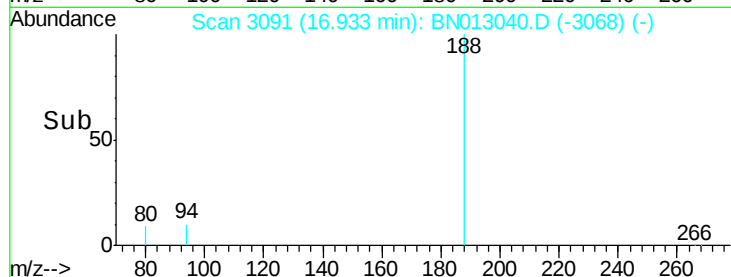
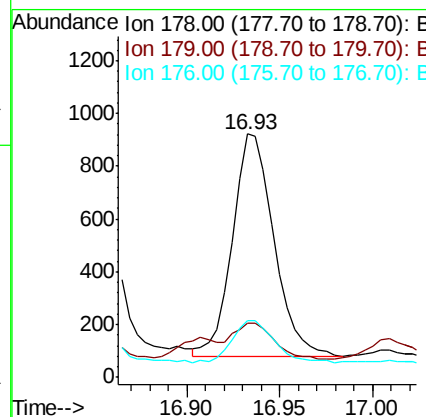
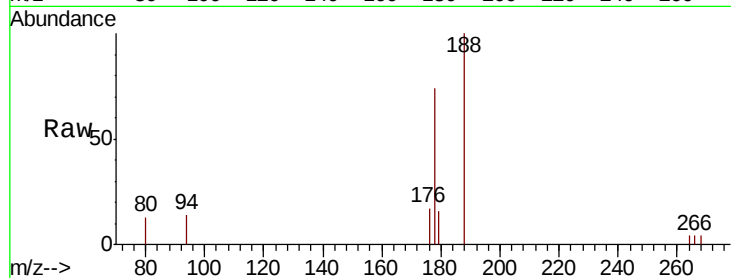
ClientSampleId :

C0B30DL

Tot Ion:	178	Resp:	1301
Ion Ratio	Lower	Upper	
178	100		
179	22.1	14.6	21.8#
176	23.2	17.1	25.7

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#15

Fluoranthene

Concen: 1.354 ng/ul

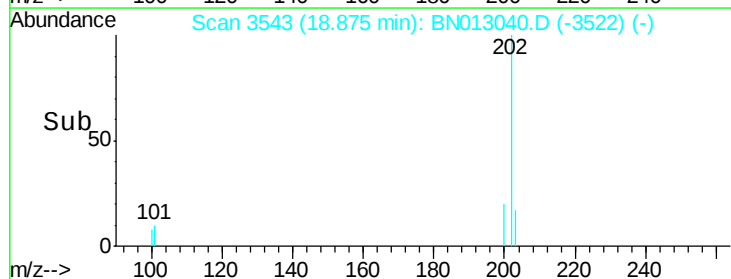
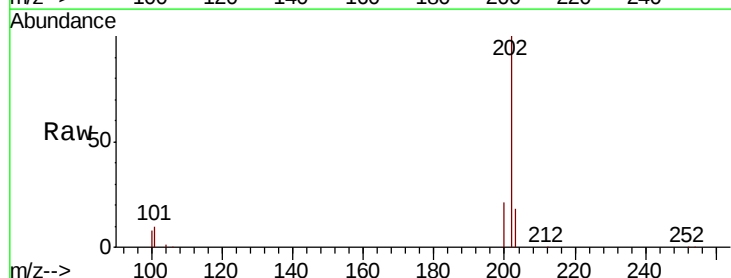
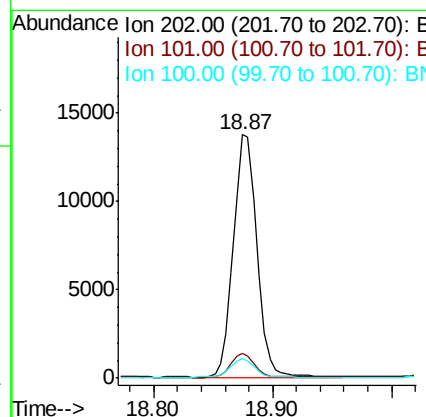
RT: 18.87 min Scan# 3543

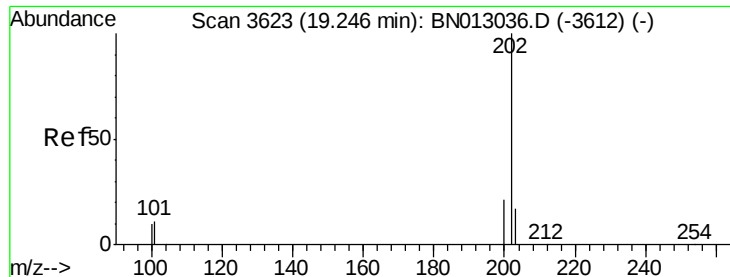
Delta R.T. -0.00 min

Lab File: BN013040.D

Acq: 10 Dec 2020 10:52

Tgt Ion:	202	Resp:	18937
Ion Ratio	Lower	Upper	
202	100		
101	10.2	0.0	30.6
100	8.3	0.0	28.7





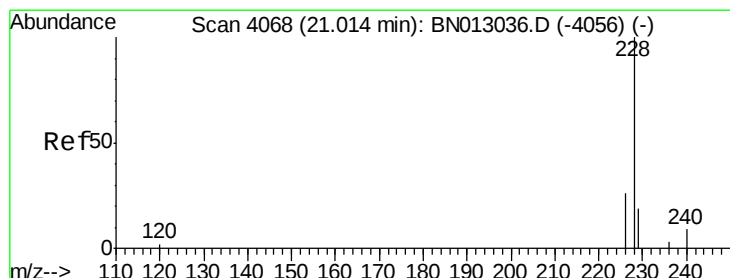
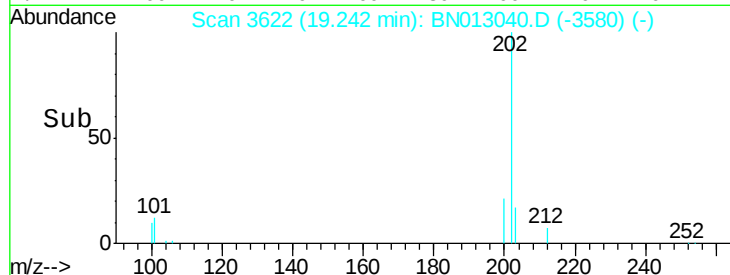
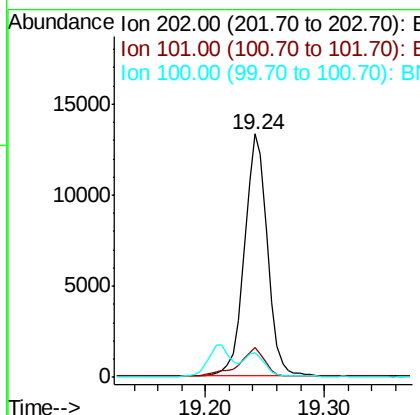
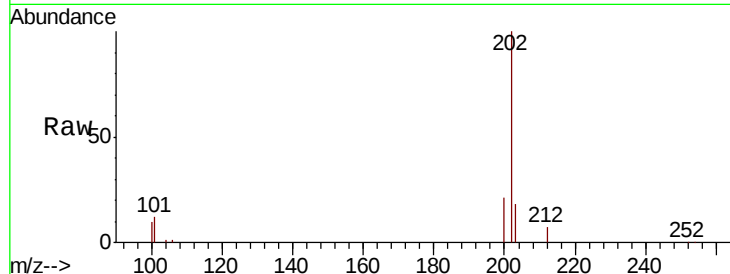
#17
Pvrene
Concen: 1.226 ng/ul
RT: 19.24 min Scan# 3622
Delta R.T. -0.00 min
Lab File: BN013040.D
Acq: 10 Dec 2020 10:52

Instrument :
BNA_N
ClientSampleId :
C0B30DL

Tot Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	12.1	9.1	13.7
100	10.3	7.5	11.3

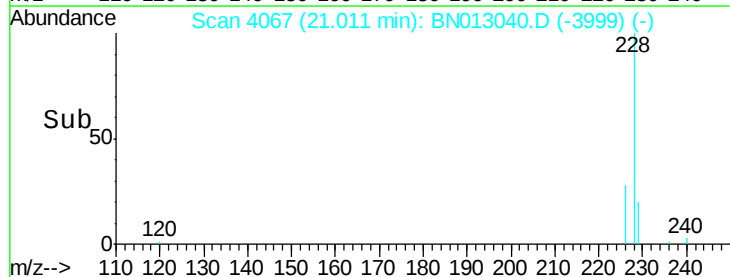
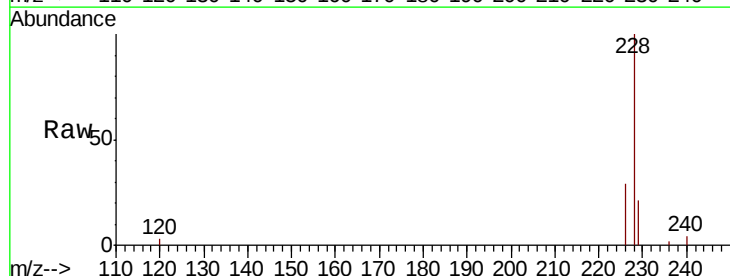
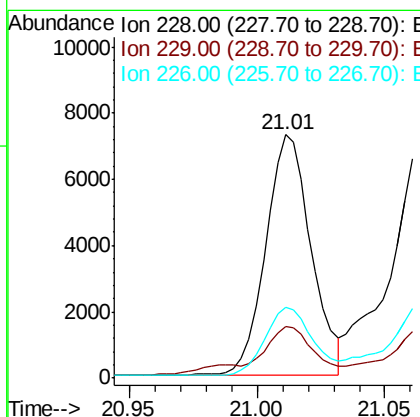
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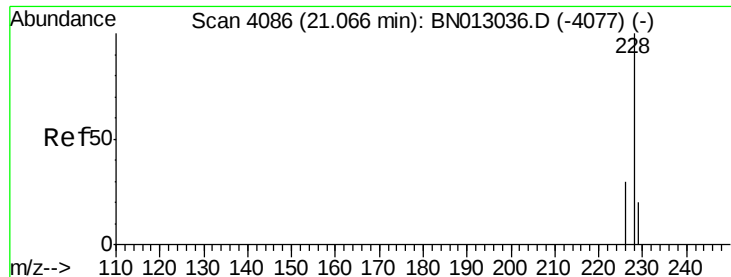
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#18
Benzo(a)anthracene
Concen: 0.707 ng/ul
RT: 21.01 min Scan# 4067
Delta R.T. -0.00 min
Lab File: BN013040.D
Acq: 10 Dec 2020 10:52

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	21.1	16.3	24.5
226	29.0	23.4	35.2





#19

Chrysene

Concen: 0.756 ng/ul

RT: 21.06 min Scan# 4085

Delta R.T. -0.00 min

Lab File: BN013040.D

Acq: 10 Dec 2020 10:52

Instrument :

BNA_N

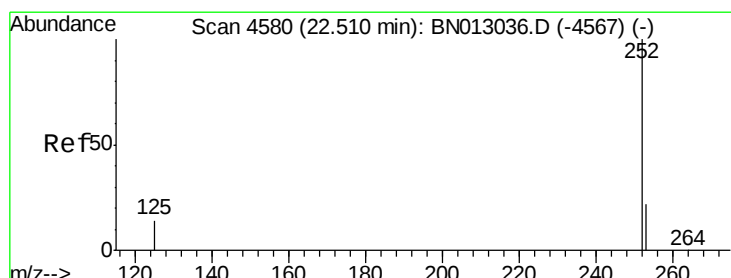
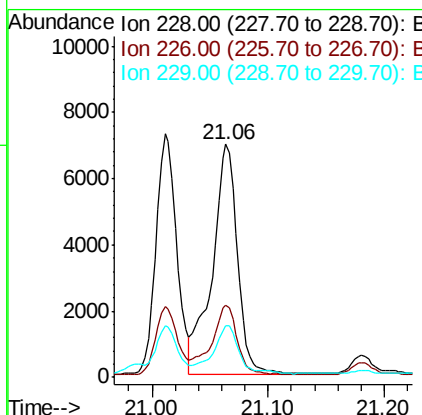
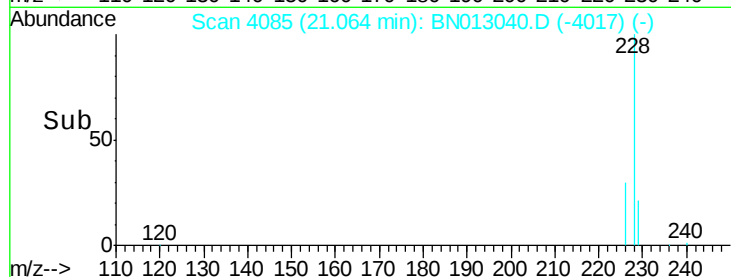
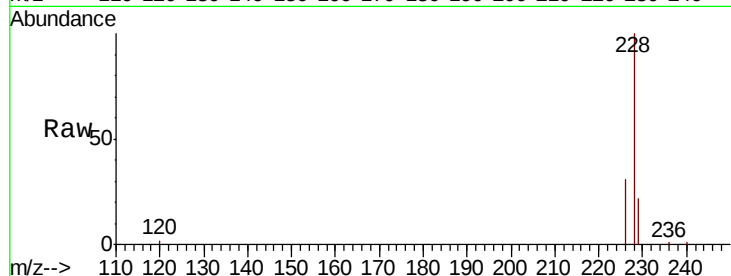
ClientSampleId :

C0B30DL

Tot Ion:	228	Resp:	10525
Ion Ratio	Lower	Upper	
228	100		
226	31.0	25.0	37.6
229	22.4	16.4	24.6

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#21

Benzo(b)fluoranthene

Concen: 1.072 ng/ul m

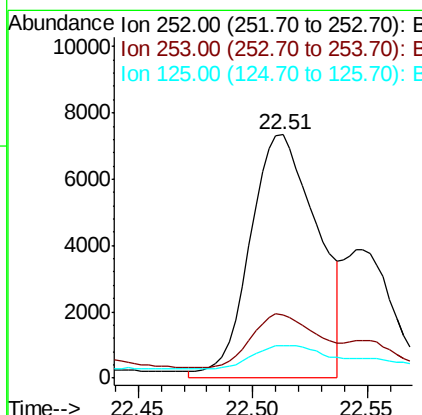
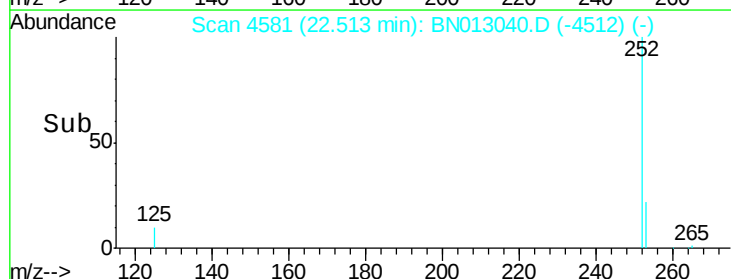
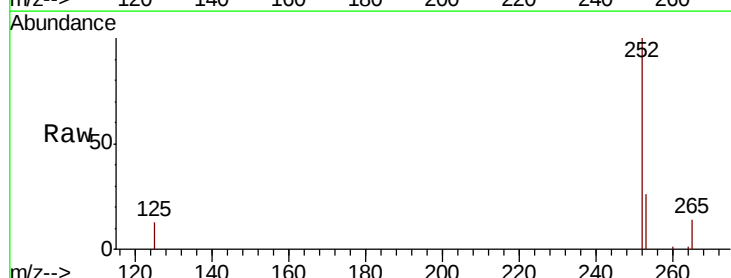
RT: 22.51 min Scan# 4581

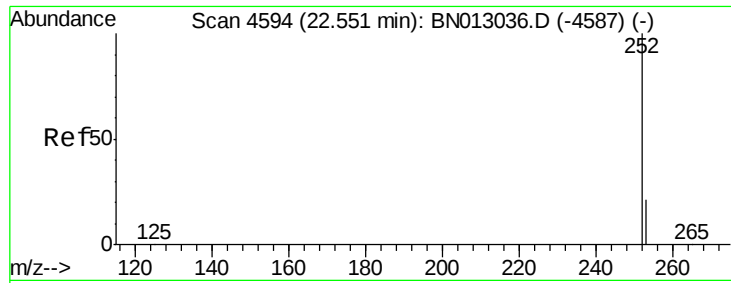
Delta R.T. 0.00 min

Lab File: BN013040.D

Acq: 10 Dec 2020 10:52

Tgt Ion:	252	Resp:	14850
Ion Ratio	Lower	Upper	
252	100		
253	26.0	0.0	59.6
125	13.5	0.0	26.0





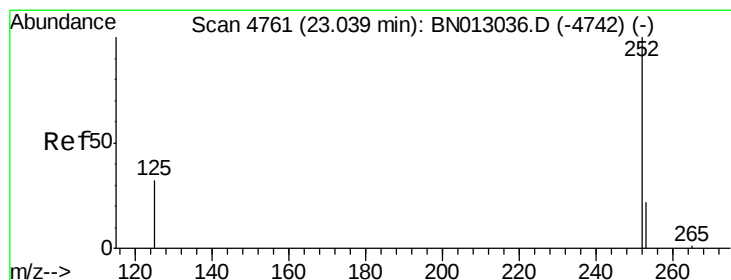
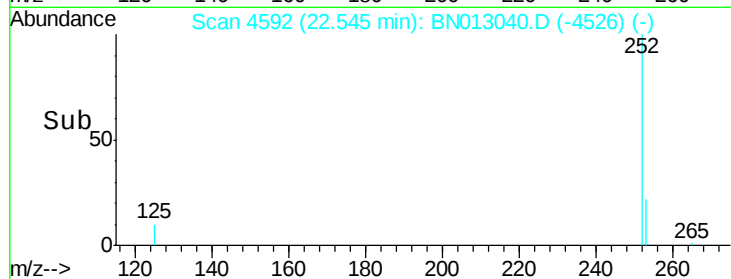
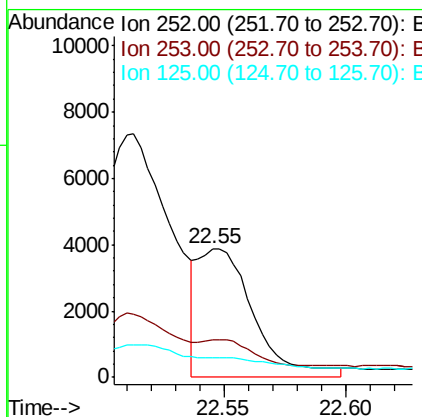
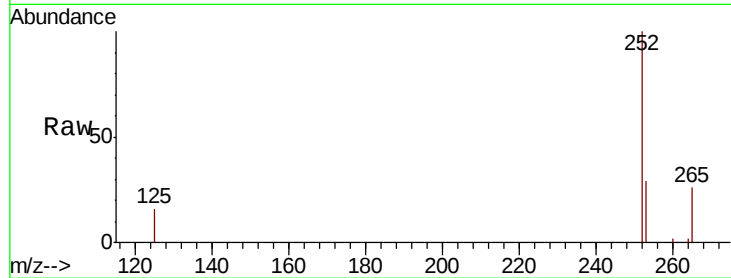
#22
Benzo(k)fluoranthene
Concen: 0.404 ng/ul m
RT: 22.55 min Scan# 4592
Delta R.T. -0.01 min
Lab File: BN013040.D
Acq: 10 Dec 2020 10:52

Instrument :
BNA_N
ClientSampleId :
C0B30DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	29.4	23.4	35.2
125	15.6	11.1	16.7

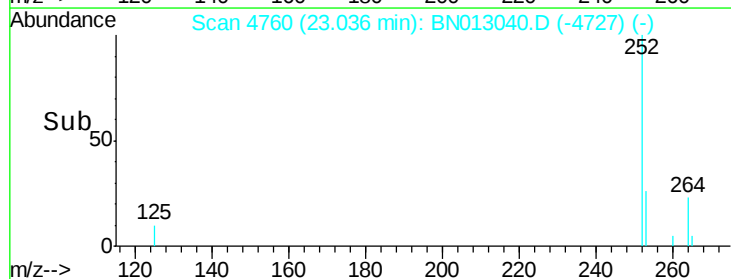
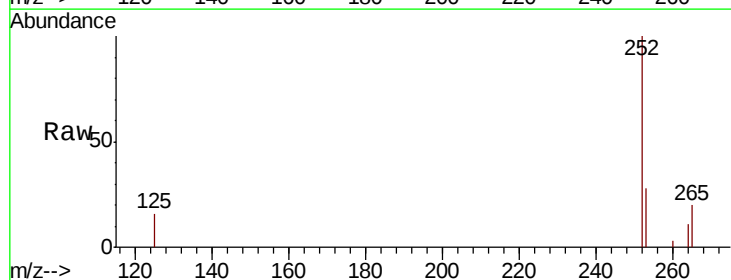
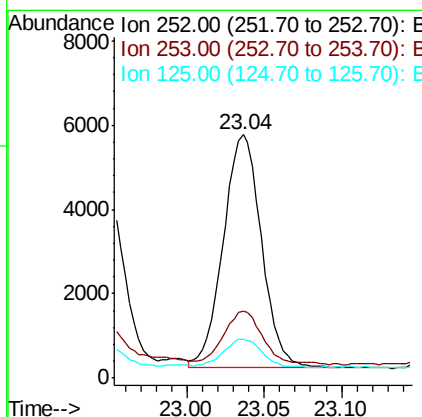
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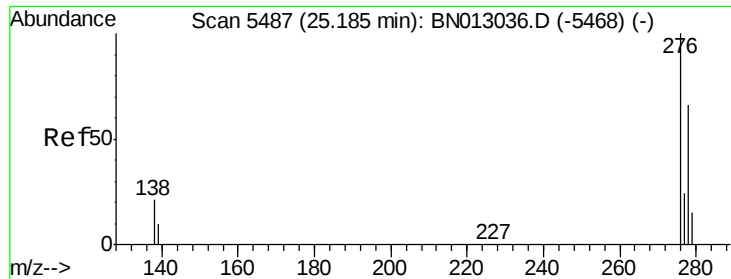
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#23
Benzo(a)pyrene
Concen: 0.741 ng/ul
RT: 23.04 min Scan# 4760
Delta R.T. -0.00 min
Lab File: BN013040.D
Acq: 10 Dec 2020 10:52

Tgt Ion	Ratio	Lower	Upper
252	100		
253	27.5	26.5	39.7
125	16.0	14.2	21.2





#24

Indeno(1,2,3-cd)pyrene

Concen: 0.389 ng/ul

RT: 25.18 min Scan# 5485

Delta R.T. -0.01 min

Lab File: BN013040.D

Acq: 10 Dec 2020 10:52

Instrument :

BNA_N

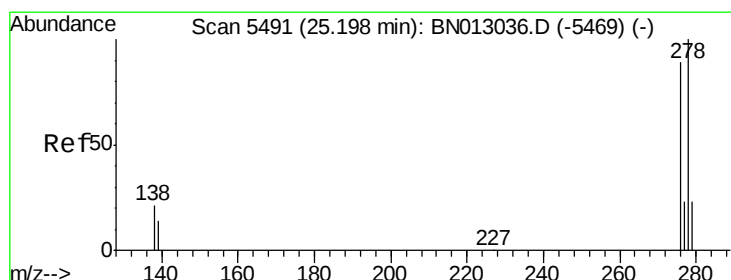
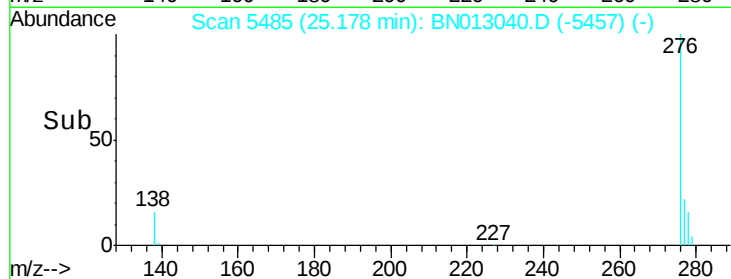
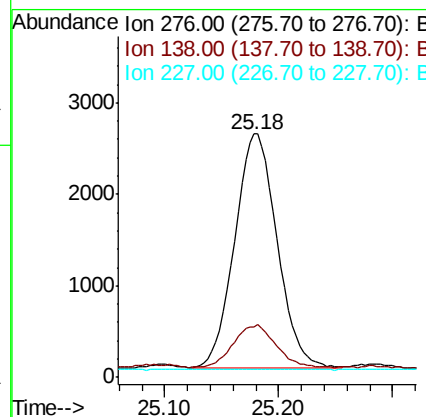
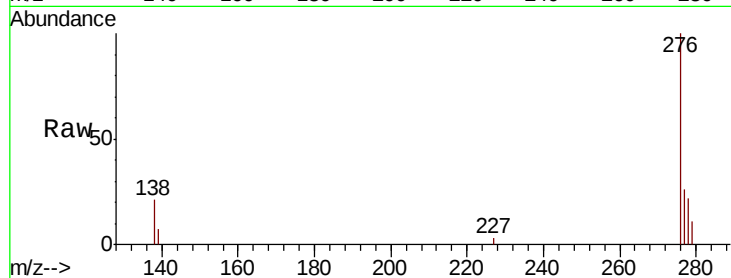
ClientSampleId :

C0B30DL

Tot Ion:	276	Resp:	6576
Ion Ratio	Lower	Upper	
276	100		
138	18.8	16.2	24.2
227	0.1	0.0	0.0#

Manual Integrations
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#25

Dibenzo(a,h)anthracene

Concen: 0.119 ng/ul

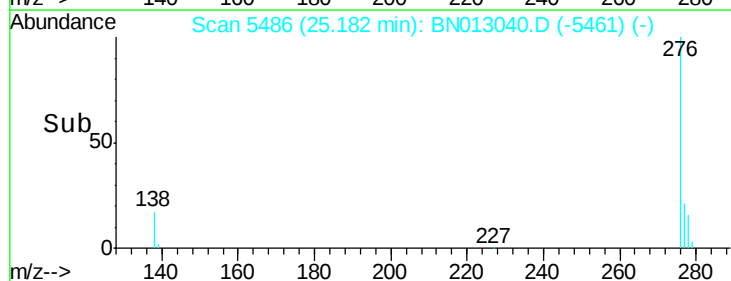
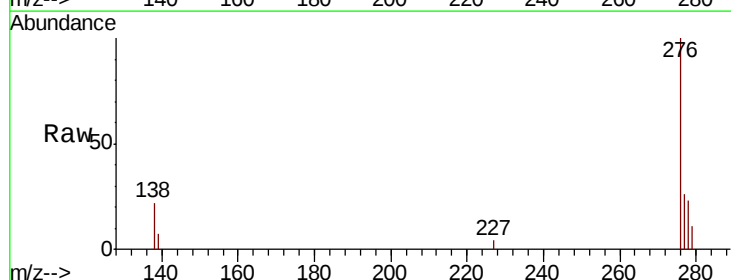
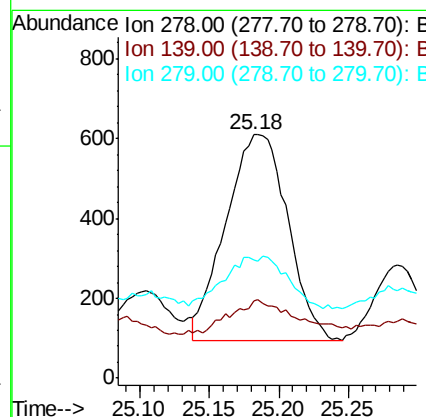
RT: 25.18 min Scan# 5486

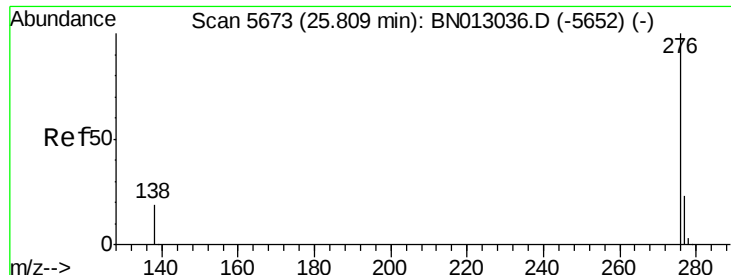
Delta R.T. -0.02 min

Lab File: BN013040.D

Acq: 10 Dec 2020 10:52

Tgt Ion:	278	Resp:	1596
Ion Ratio	Lower	Upper	
278	100		
139	31.8	14.5	21.7#
279	48.4	26.3	39.5#





#26
Benzo(a,h,i)perylene
Concen: 0.371 ng/ul
RT: 25.80 min Scan# 5671
Delta R.T. -0.01 min
Lab File: BN013040.D
Acq: 10 Dec 2020 10:52

Instrument :
BNA_N
ClientSampleId :
C0B30DL

Tot Ion:	276	Resp:	5666
Ion Ratio	Lower	Upper	
276	100		
138	22.4	16.3	24.5
277	26.6	21.8	32.6

Manual Integrations
APPROVED

mohammad
12/11/2020 1:18:57 PM

