

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120720\
 Data File : BN012965.D
 Acq On : 08 Dec 2020 07:20
 Operator : CG/JU
 Sample : L4862-06
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0B59

Manual Integrations
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Quant Time: Dec 08 11:51:02 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 : Mon Dec 07 12:24:06 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	1195	0.40	ng/ul	0.00
2) Naphthalene-d8	10.15	136	4963	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.05	164	2972	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.81	188	6351m	0.40	ng/ul	0.00
16) Chrysene-d12	21.03	240	4880	0.40	ng/ul	0.00
20) Perylene-d12	23.13	264	4024	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.75	152	2981	0.40	ng/ul	0.00
14) Fluoranthene-d10	18.85	212	6512	0.38	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.20	128	3455	0.241	ng/ul	96
5) 2-Methylnaphthalene	11.82	142	3840	0.407	ng/ul	97
7) Acenaphthylene	13.76	152	1254	0.089	ng/ul#	90
8) Acenaphthene	14.11	153	415	0.036	ng/ul#	93
9) Fluorene	15.11	166	562	0.042	ng/ul#	71
12) Phenanthrene	16.85	178	33923	1.593	ng/ul	97
13) Anthracene	16.94	178	2845	0.157	ng/ul	97
15) Fluoranthene	18.88	202	39112	1.546	ng/ul	98
17) Pyrene	19.25	202	34668	1.504	ng/ul	99
18) Benzo(a)anthracene	21.02	228	16170	0.801	ng/ul#	94
19) Chrysene	21.07	228	30090	1.349	ng/ul#	96
21) Benzo(b)fluoranthene	22.52	252	26898m	1.445	ng/ul	
22) Benzo(k)fluoranthene	22.55	252	10121m	0.492	ng/ul	
23) Benzo(a)pyrene	23.04	252	14508m	0.840	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.18	276	9543	0.421	ng/ul#	100
25) Dibenzo(a,h)anthracene	25.19	278	2755	0.154	ng/ul#	70
26) Benzo(a,h,i)perylene	25.82	276	9659	0.471	ng/ul	97

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

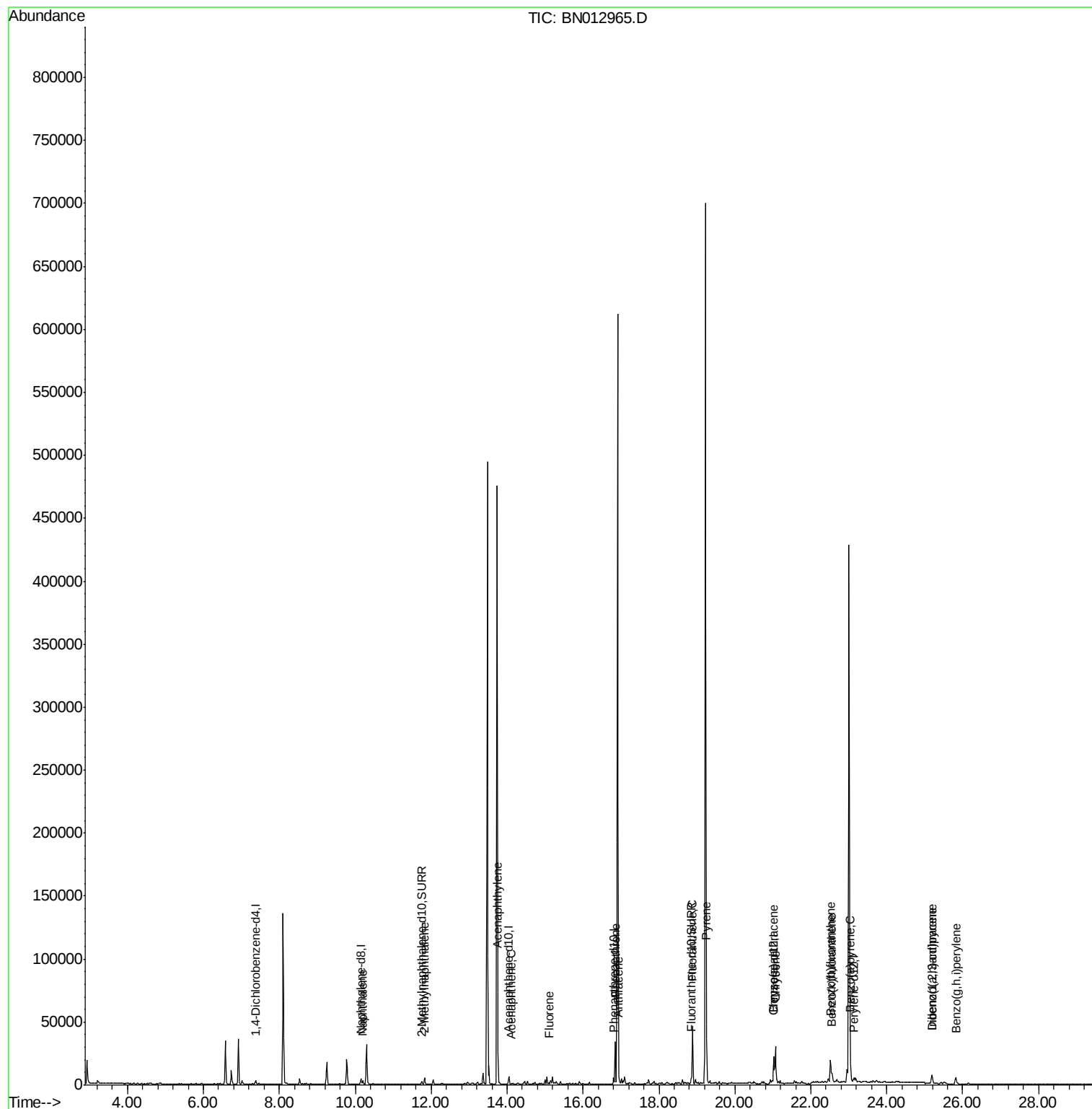
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120720\
Data File : BN012965.D
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ALS Vial : 34 Sample Multiplier: 1

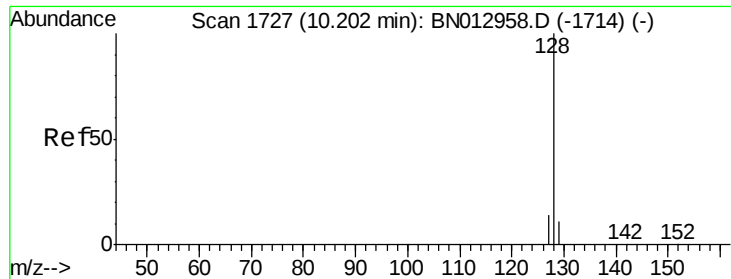
Instrument :
BNA_N
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C0B59

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Quant Time: Dec 08 11:51:02 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 : Mon Dec 07 12:24:06 2020
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.241 ng/ul

RT: 10.20 min Scan# 1726

Delta R.T. -0.01 min

Lab File: BN012965.D

Acq: 08 Dec 2020 07:20

Instrument :

BNA_N

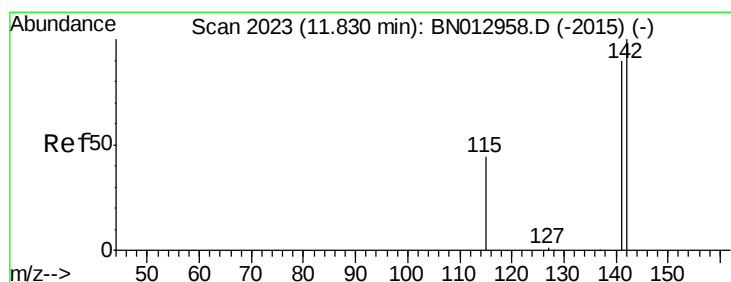
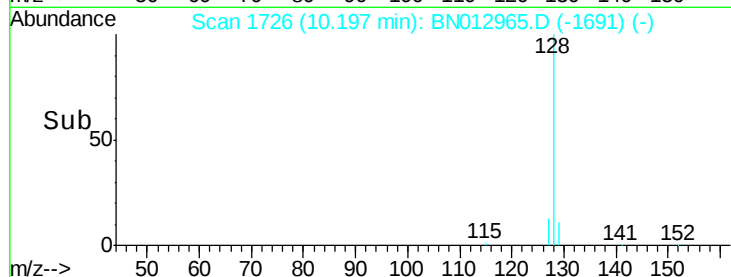
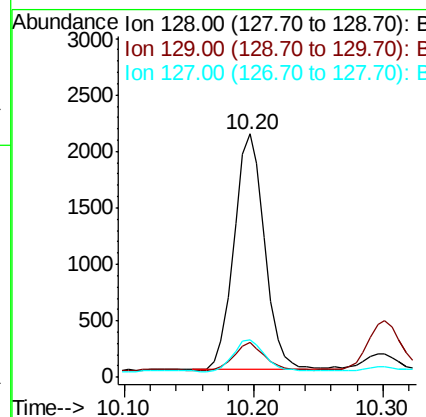
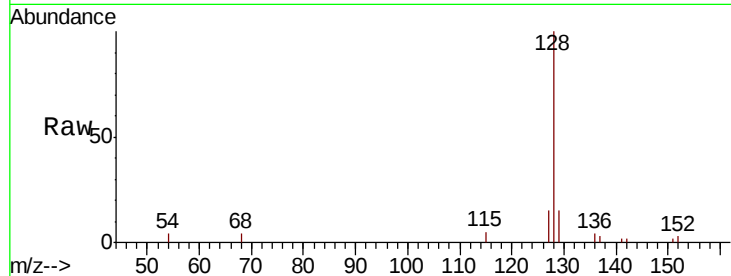
ClientSampleId :

C0B59

Tot Ion:	128	Resp:	3455
Ion	Ratio	Lower	Upper
128	100		
129	14.5	12.3	18.5
127	15.3	14.2	21.4

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#5

2-Methylnaphthalene

Concen: 0.407 ng/ul

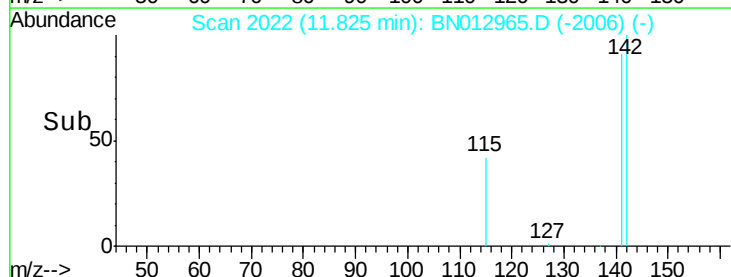
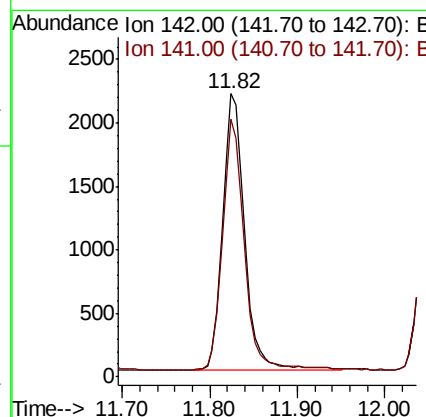
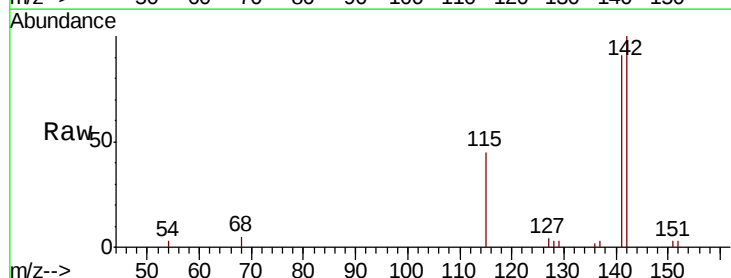
RT: 11.82 min Scan# 2022

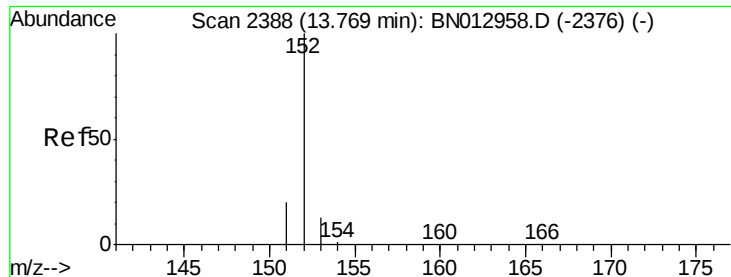
Delta R.T. -0.01 min

Lab File: BN012965.D

Acq: 08 Dec 2020 07:20

Tgt Ion:	142	Resp:	3840
Ion	Ratio	Lower	Upper
142	100		
141	88.9	73.0	109.6





#7

Acenaphthylene

Concen: 0.089 ng/ul

RT: 13.76 min Scan# 2387

Delta R.T. -0.00 min

Lab File: BN012965.D

Acq: 08 Dec 2020 07:20

Instrument :

BNA_N

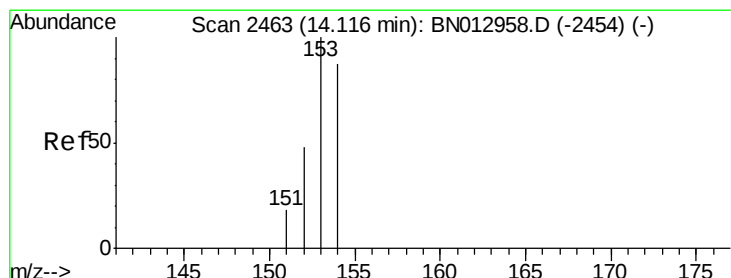
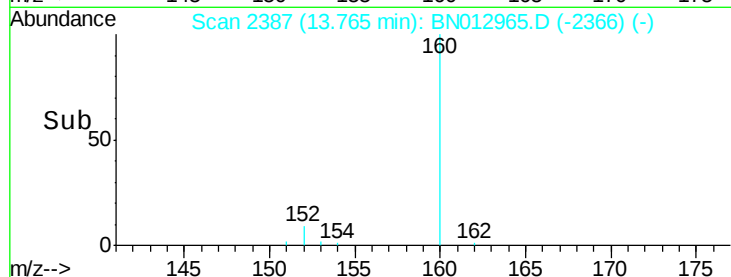
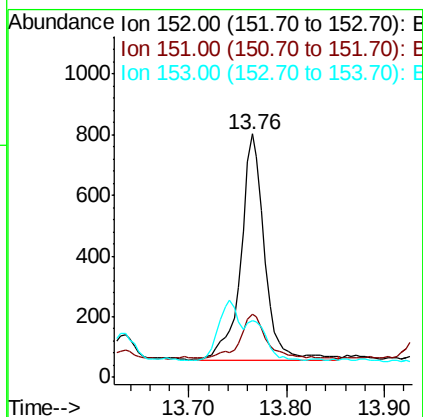
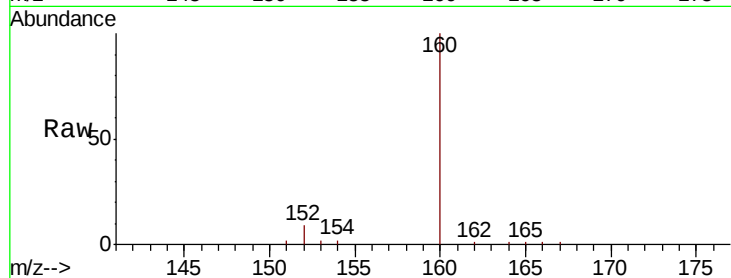
ClientSampled :

C0B59

Tot Ion:	152	Resp:	1254
Ion Ratio	Lower	Upper	
152	100		
151	25.9	18.2	27.4
153	23.3	13.1	19.7

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#8

Acenaphthene

Concen: 0.036 ng/ul

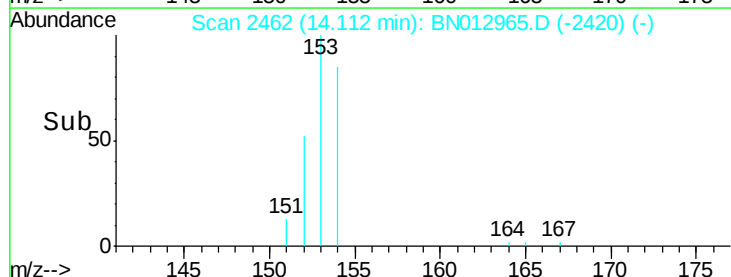
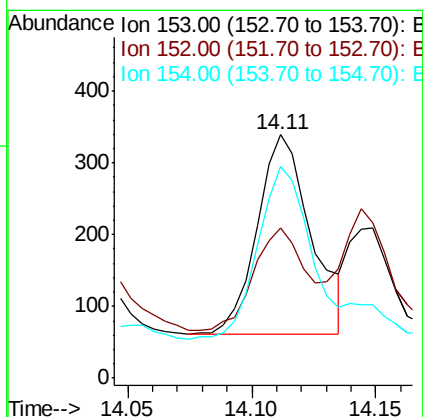
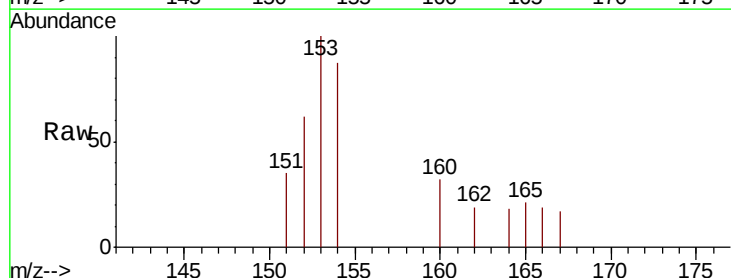
RT: 14.11 min Scan# 2462

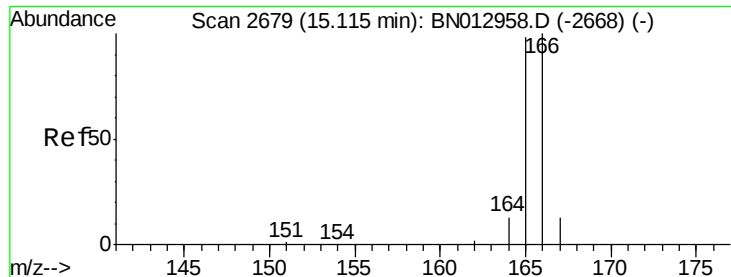
Delta R.T. -0.00 min

Lab File: BN012965.D

Acq: 08 Dec 2020 07:20

Tgt Ion:	153	Resp:	415
Ion Ratio	Lower	Upper	
153	100		
152	61.7	40.7	61.1
154	87.0	70.8	106.2





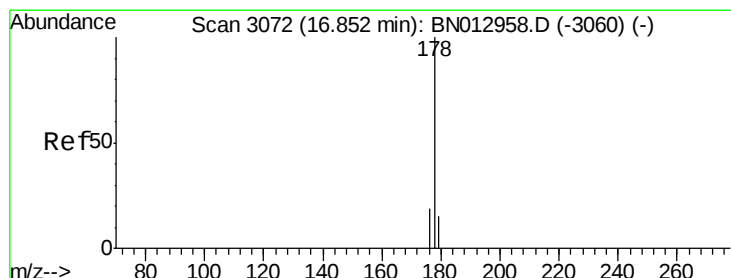
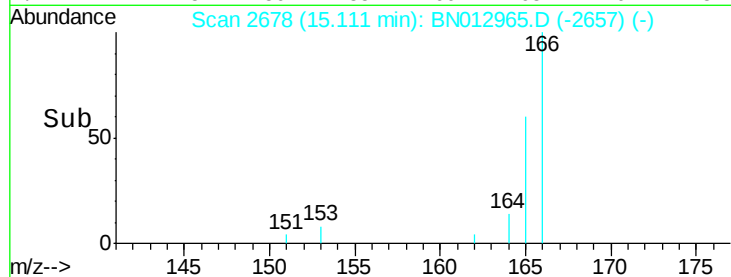
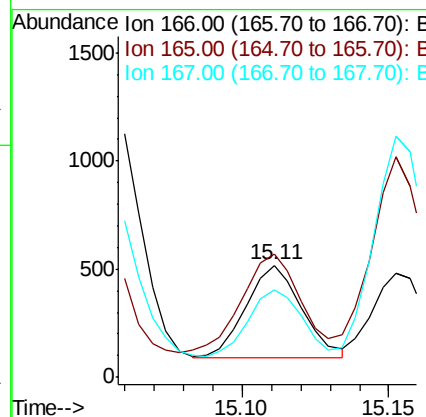
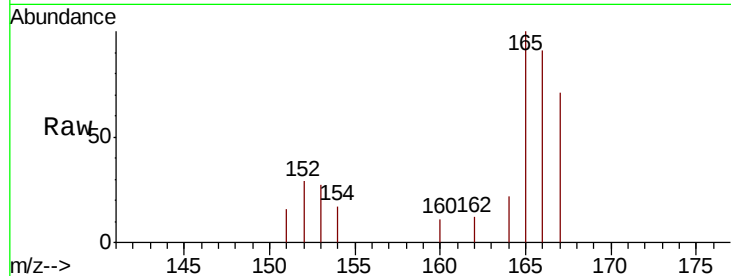
#9
Fluorene
Concen: 0.042 ng/ul
RT: 15.11 min Scan# 2678
Delta R.T. -0.00 min
Lab File: BN012965.D
Acq: 08 Dec 2020 07:20

Instrument :
BNA_N
ClientSampled :
C0B59

Tot Ion	Ratio	Lower	Upper
166	100		
165	109.6	79.8	119.8
167	78.2	13.8	20.8

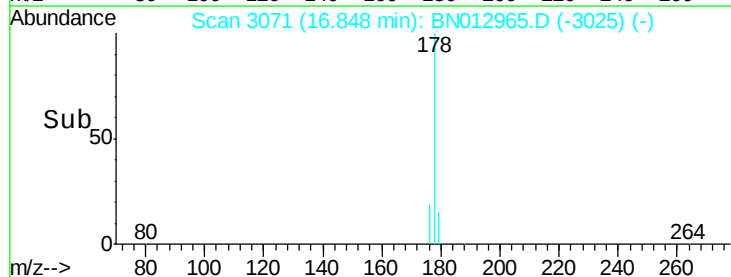
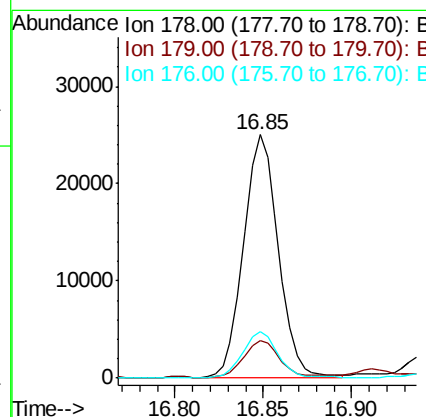
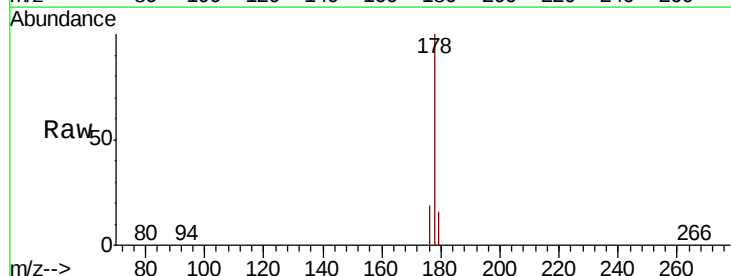
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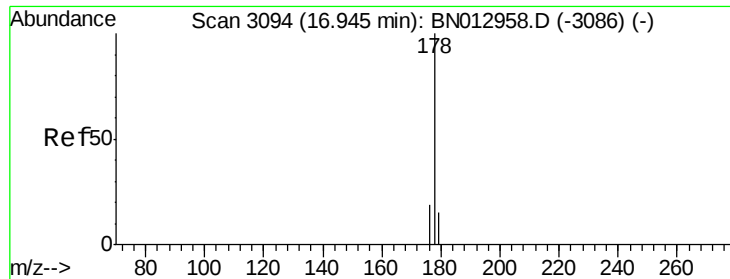
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#12
Phenanthrene
Concen: 1.593 ng/ul
RT: 16.85 min Scan# 3071
Delta R.T. -0.00 min
Lab File: BN012965.D
Acq: 08 Dec 2020 07:20

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.6	13.6	20.4
176	19.3	16.4	24.6





#13

Anthracene

Concen: 0.157 ng/ul

RT: 16.94 min Scan# 3093

Delta R.T. -0.00 min

Lab File: BN012965.D

Acq: 08 Dec 2020 07:20

Instrument :

BNA_N

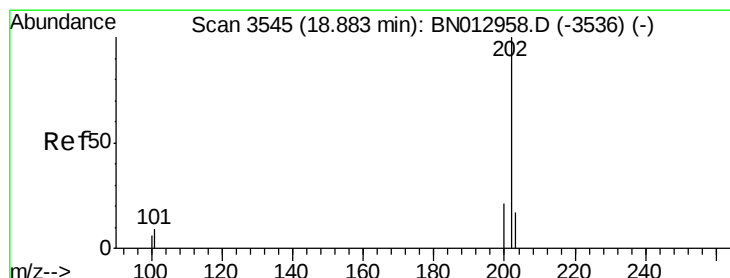
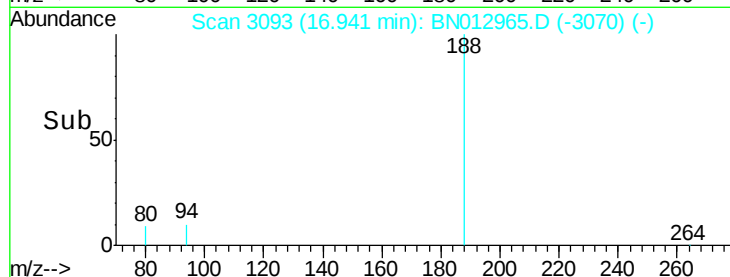
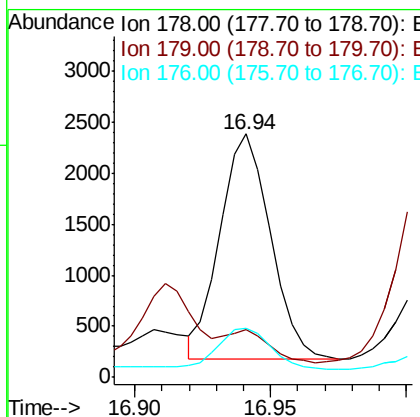
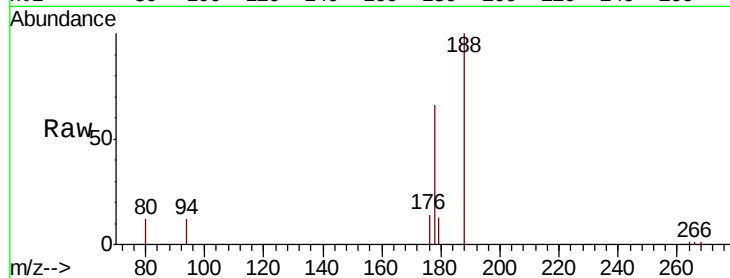
ClientSampleId :

C0B59

Tot Ion:178	Resp:	2845
Ion Ratio	Lower	Upper
178 100		
179 19.8	14.6	21.8
176 20.4	17.1	25.7

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#15

Fluoranthene

Concen: 1.546 ng/ul

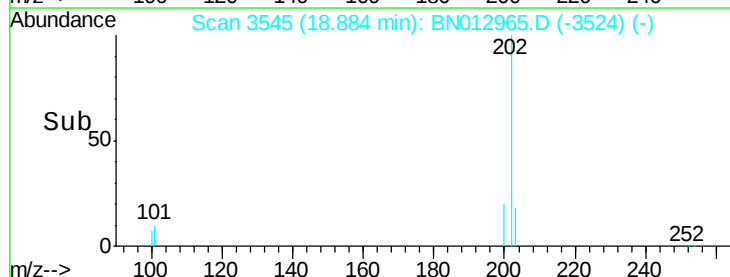
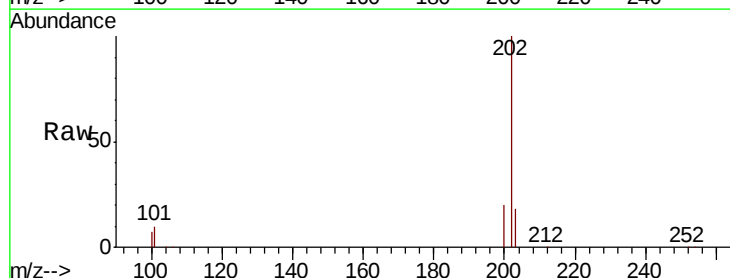
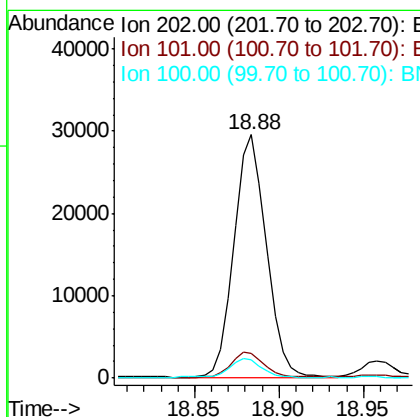
RT: 18.88 min Scan# 3545

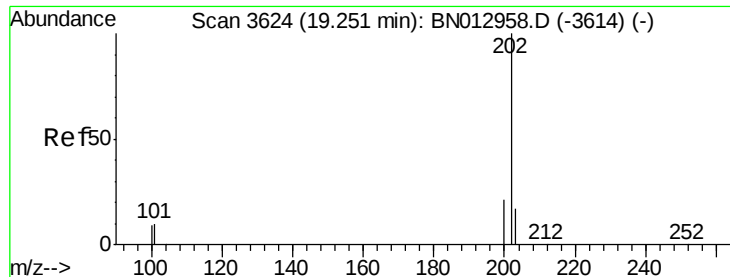
Delta R.T. -0.00 min

Lab File: BN012965.D

Acq: 08 Dec 2020 07:20

Tgt Ion:202	Resp:	39112
Ion Ratio	Lower	Upper
202 100		
101 10.3	0.0	30.6
100 7.5	0.0	28.7





#17

Pvrene

Concen: 1.504 ng/ul

RT: 19.25 min Scan# 3624

Delta R.T. -0.00 min

Lab File: BN012965.D

Acq: 08 Dec 2020 07:20

Instrument :

BNA_N

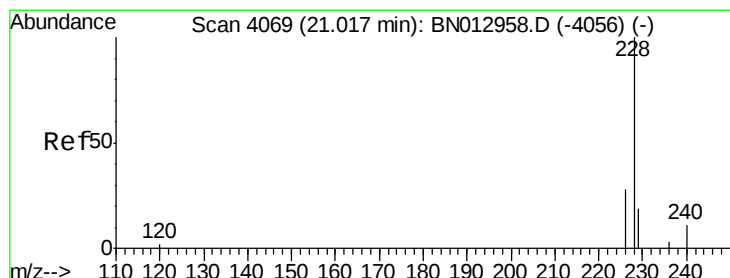
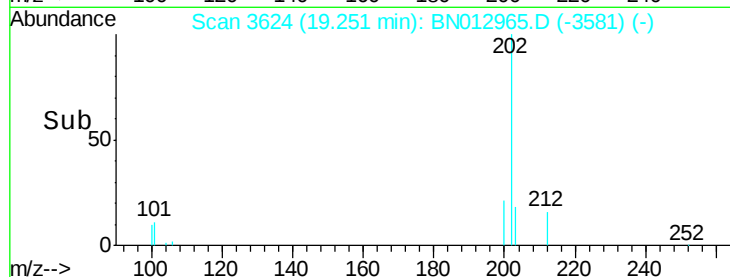
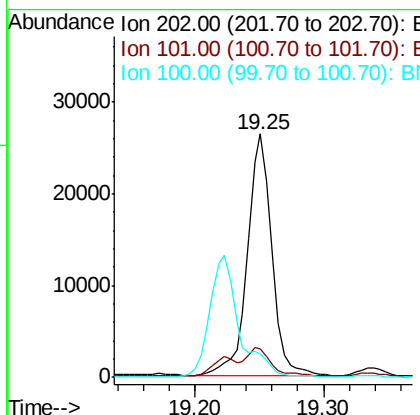
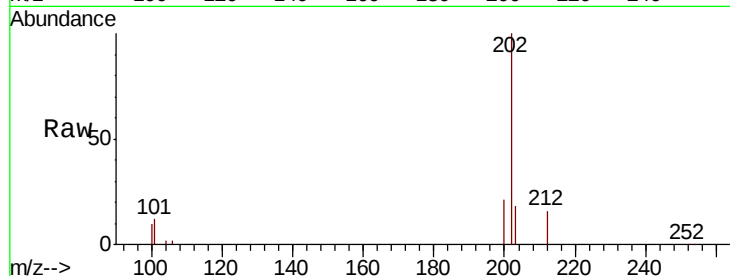
ClientSampleId :

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Tot Ion:	202	Resp:	34668
Ion Ratio	Lower	Upper	
202	100		
101	12.0	9.1	13.7
100	9.9	7.5	11.3

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#18

Benzo(a)anthracene

Concen: 0.801 ng/ul

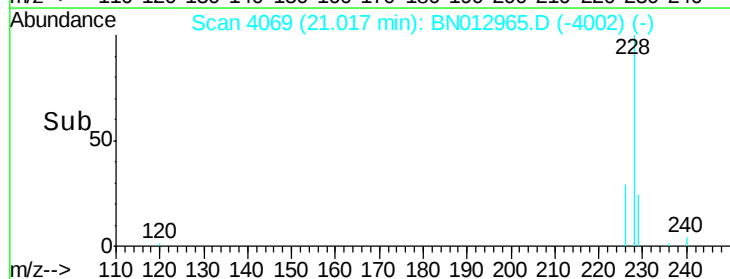
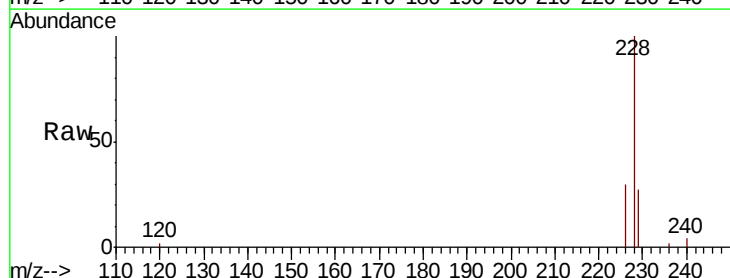
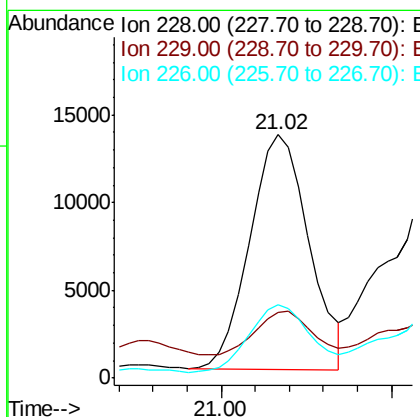
RT: 21.02 min Scan# 4069

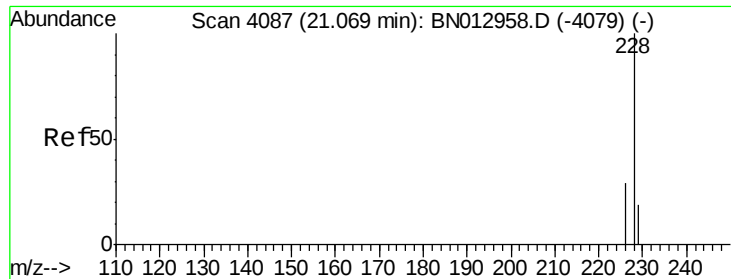
Delta R.T. -0.00 min

Lab File: BN012965.D

Acq: 08 Dec 2020 07:20

Tgt Ion:	228	Resp:	16170
Ion Ratio	Lower	Upper	
228	100		
229	26.9	16.3	24.5#
226	29.9	23.4	35.2





#19

Chrysene

Concen: 1.349 ng/ul

RT: 21.07 min Scan# 4086

Delta R.T. -0.01 min

Lab File: BN012965.D

Acq: 08 Dec 2020 07:20

Instrument :

BNA_N

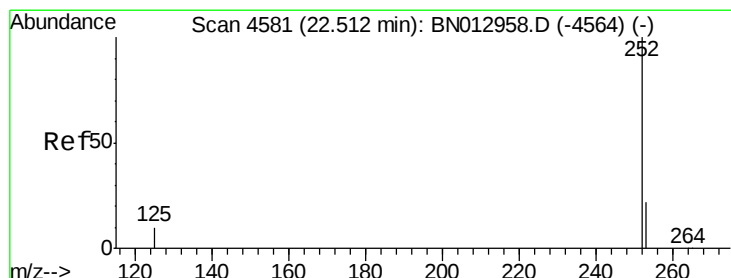
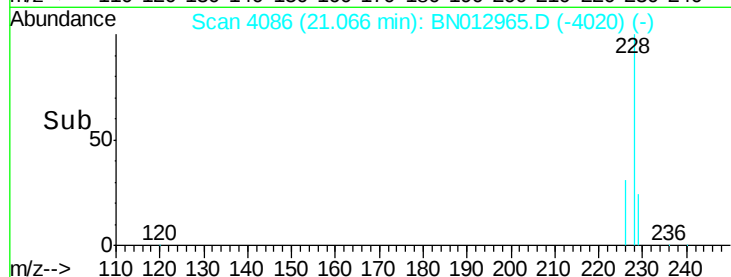
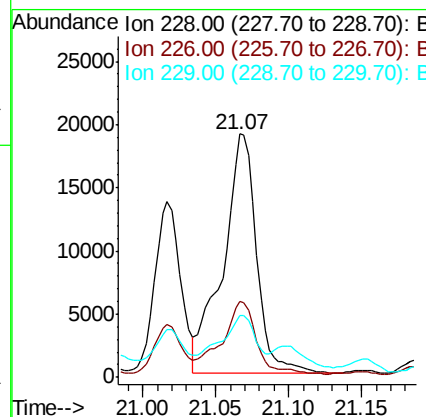
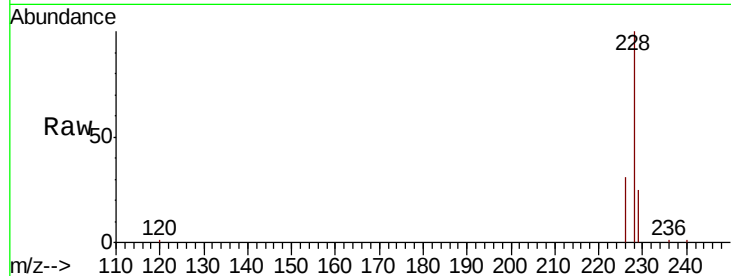
ClientSampleId :

C0B59

Tot Ion:228	Resp:	30090
Ion Ratio	Lower	Upper
228 100		
226 31.2	25.0	37.6
229 25.4	16.4	24.6#

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#21

Benzo(b)fluoranthene

Concen: 1.445 ng/ul m

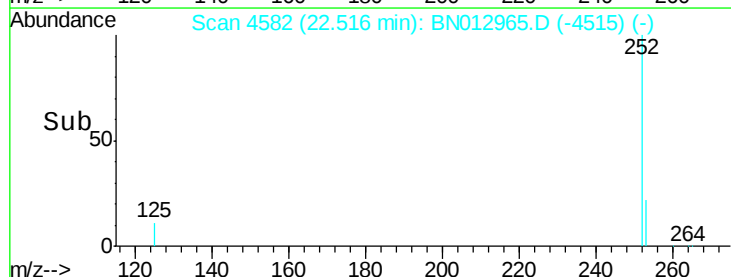
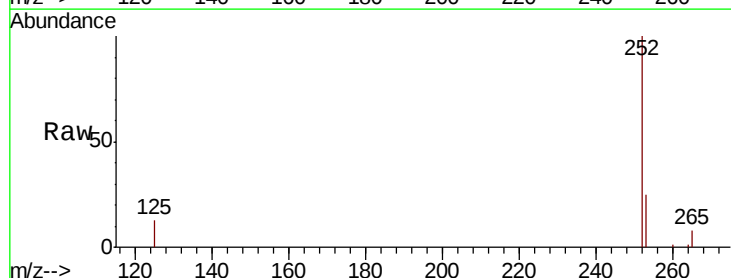
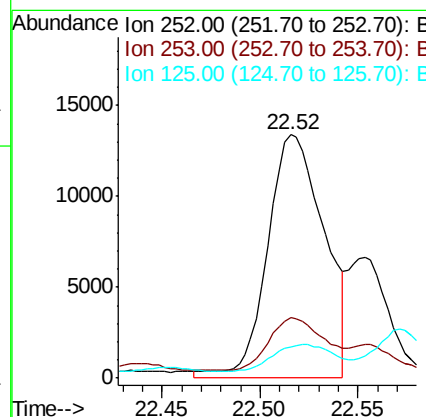
RT: 22.52 min Scan# 4582

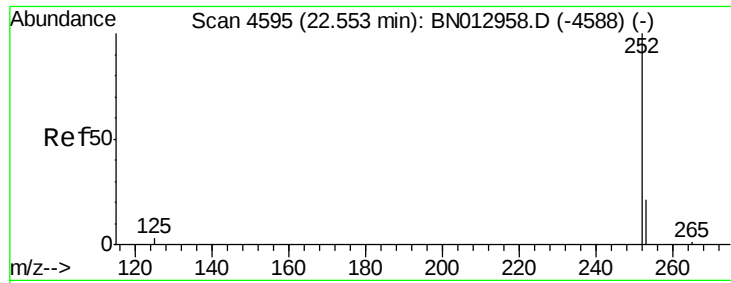
Delta R.T. -0.00 min

Lab File: BN012965.D

Acq: 08 Dec 2020 07:20

Tgt Ion:252	Resp:	26898
Ion Ratio	Lower	Upper
252 100		
253 24.8	0.0	59.6
125 13.0	0.0	26.0





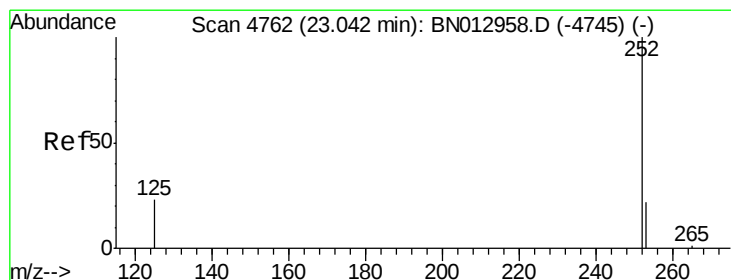
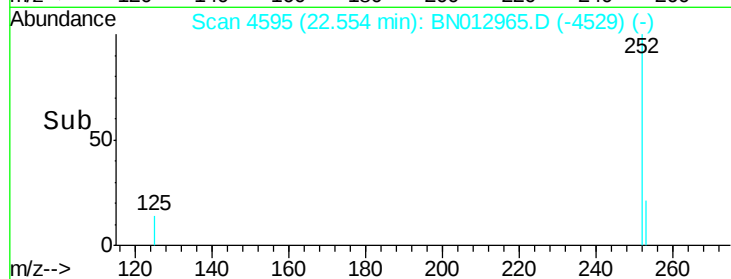
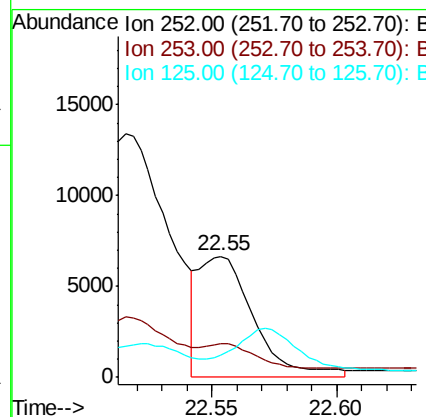
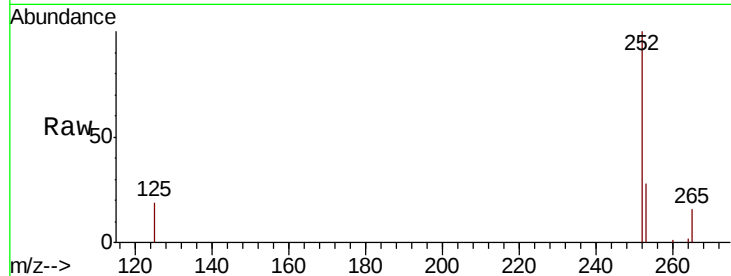
#22
Benzo(k)fluoranthene
Concen: 0.492 ng/ul m
RT: 22.55 min Scan# 4595
Delta R.T. -0.01 min
Lab File: BN012965.D
Acq: 08 Dec 2020 07:20

Instrument :
BNA_N
ClientSampleId :
C0B59

Tot Ion	Ratio	Lower	Upper
252	100		
253	27.6	23.4	35.2
125	18.5	11.1	16.7

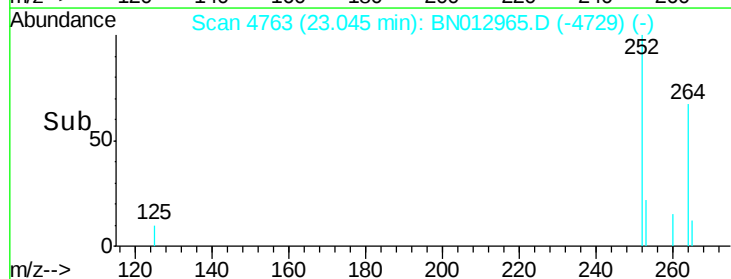
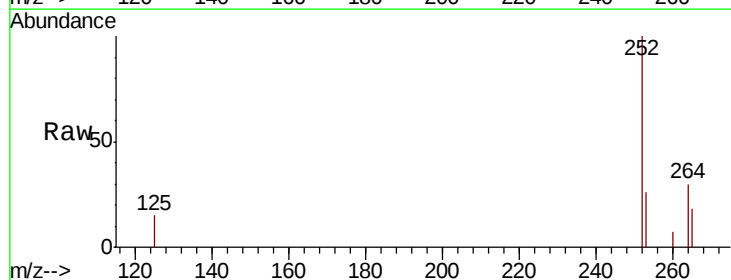
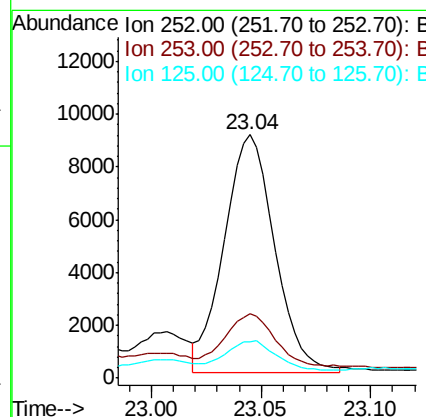
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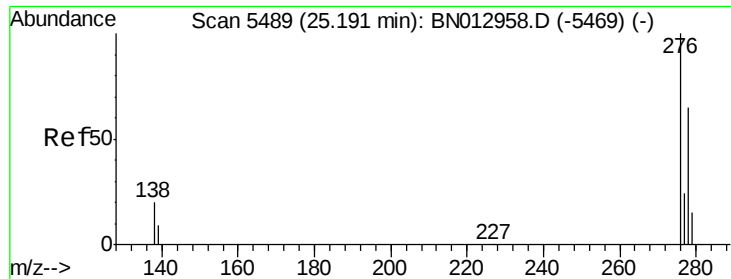
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#23
Benzo(a)pyrene
Concen: 0.840 ng/ul m
RT: 23.04 min Scan# 4763
Delta R.T. -0.00 min
Lab File: BN012965.D
Acq: 08 Dec 2020 07:20

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.3	26.5	39.7
125	15.1	14.2	21.2





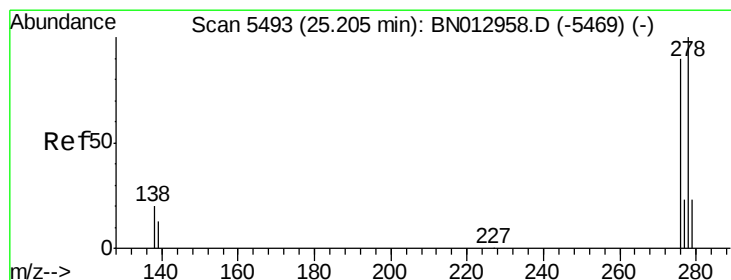
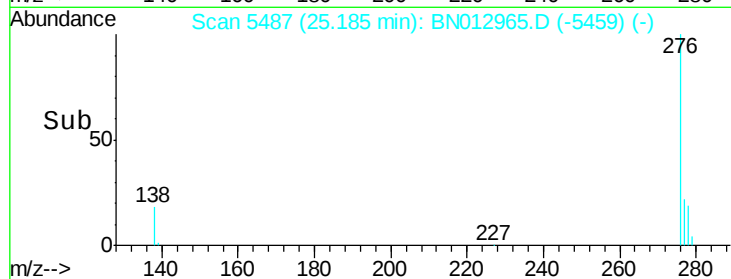
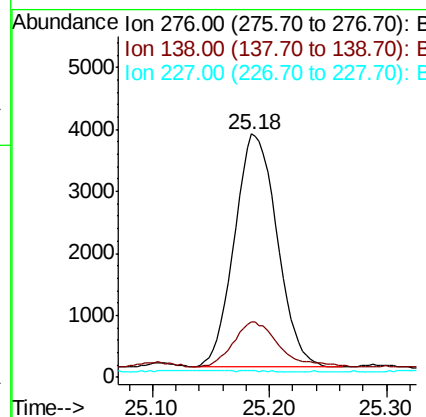
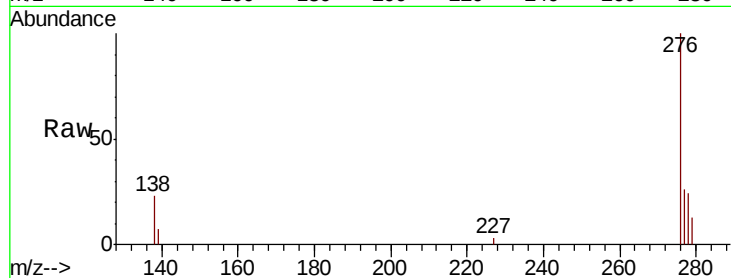
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.421 ng/ul
 RT: 25.18 min Scan# 5487
 Delta R.T. -0.01 min
 Lab File: BN012965.D
 Acq: 08 Dec 2020 07:20

Instrument :
 BNA_N
 ClientSampleId :
 C0B59

Tot Ion	Ratio	Lower	Upper
276	100		
138	20.3	16.2	24.2
227	0.2	0.0	0.0

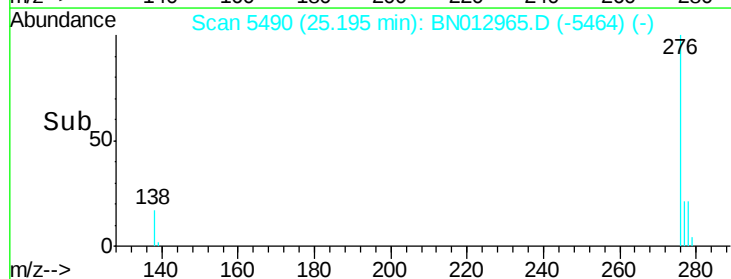
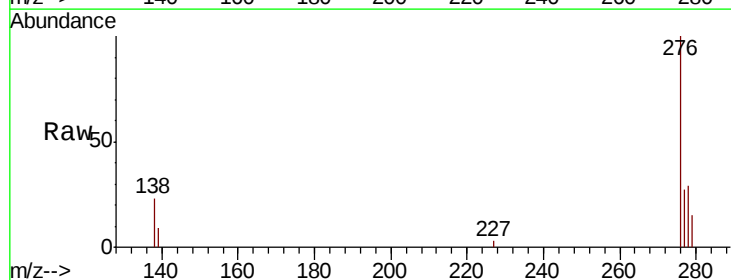
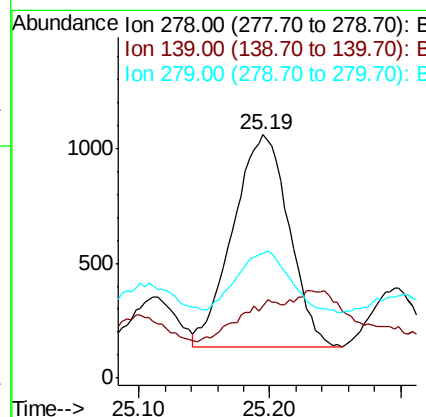
Manual Integrations
 APPROVED

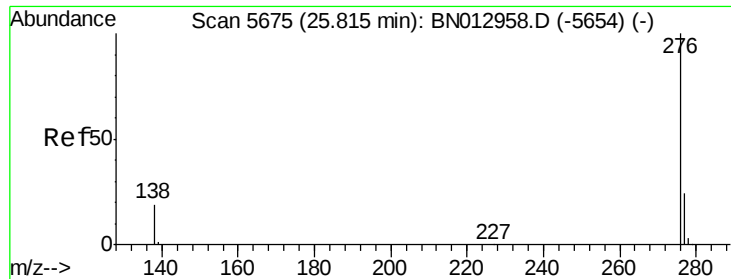
mohammad
 12/9/2020 12:23:28 PM



#25
 Dibenzo(a,h)anthracene
 Concen: 0.154 ng/ul
 RT: 25.19 min Scan# 5490
 Delta R.T. -0.01 min
 Lab File: BN012965.D
 Acq: 08 Dec 2020 07:20

Tgt Ion	Ratio	Lower	Upper
278	100		
139	29.7	14.5	21.7
279	51.3	26.3	39.5





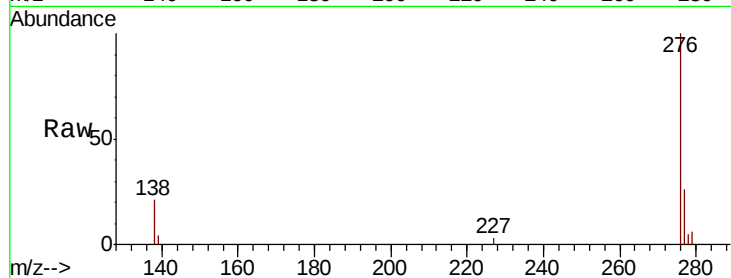
#26
Benzo(a,h,i)perylene
Concen: 0.471 ng/ul
RT: 25.82 min Scan# 5675
Delta R.T. -0.01 min
Lab File: BN012965.D
Acq: 08 Dec 2020 07:20

Instrument :
BNA_N
ClientSampleId :
C0B59

Tot Ion	Ratio	Lower	Upper
276	100		
138	21.5	16.3	24.5
277	25.8	21.8	32.6

Manual Integrations
APPROVED

mohammad
12/9/2020 12:23:28 PM



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

