

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120620\
 Data File : BN012926.D
 Acq On : 06 Dec 2020 20:17
 Operator : CG/JU
 Sample : L4859-17
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0B95

Manual Integrations
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mohammad
 12/7/2020 2:12:00 PM

Quant Time: Dec 07 03:59:28 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 03:06:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	1908	0.40	ng/ul	0.00
2) Naphthalene-d8	10.15	136	7814	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.06	164	4326	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.81	188	9080	0.40	ng/ul	0.00
16) Chrysene-d12	21.03	240	7193	0.40	ng/ul	0.00
20) Perylene-d12	23.14	264	6184	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.76	152	1399	0.12	ng/ul	-0.02
14) Fluoranthene-d10	18.86	212	2847	0.12	ng/ul	0.00
Target Compounds					Ovalue	
3) Naphthalene	10.20	128	2296	0.102	ng/ul	96
5) 2-Methylnaphthalene	11.84	142	812	0.055	ng/ul	98
7) Acenaphthylene	13.77	152	4487	0.219	ng/ul	97
8) Acenaphthene	14.12	153	777	0.046	ng/ul	98
9) Fluorene	15.12	166	970	0.050	ng/ul#	96
12) Phenanthrene	16.85	178	30888	1.015	ng/ul	97
13) Anthracene	16.95	178	5619	0.217	ng/ul	96
15) Fluoranthene	18.88	202	102793	2.841	ng/ul	99
17) Pyrene	19.25	202	92770	2.731	ng/ul	97
18) Benzo(a)anthracene	21.02	228	51345	1.725	ng/ul	100
19) Chrysene	21.07	228	54248	1.650	ng/ul	99
21) Benzo(b)fluoranthene	22.52	252	71502m	2.499	ng/ul	
22) Benzo(k)fluoranthene	22.55	252	26261m	0.830	ng/ul	
23) Benzo(a)pyrene	23.05	252	44025m	1.658	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.20	276	28959	0.830	ng/ul#	98
25) Dibenzo(a,h)anthracene	25.20	278	7199	0.261	ng/ul	93
26) Benzo(a,h,i)perylene	25.82	276	25402	0.805	ng/ul	97

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

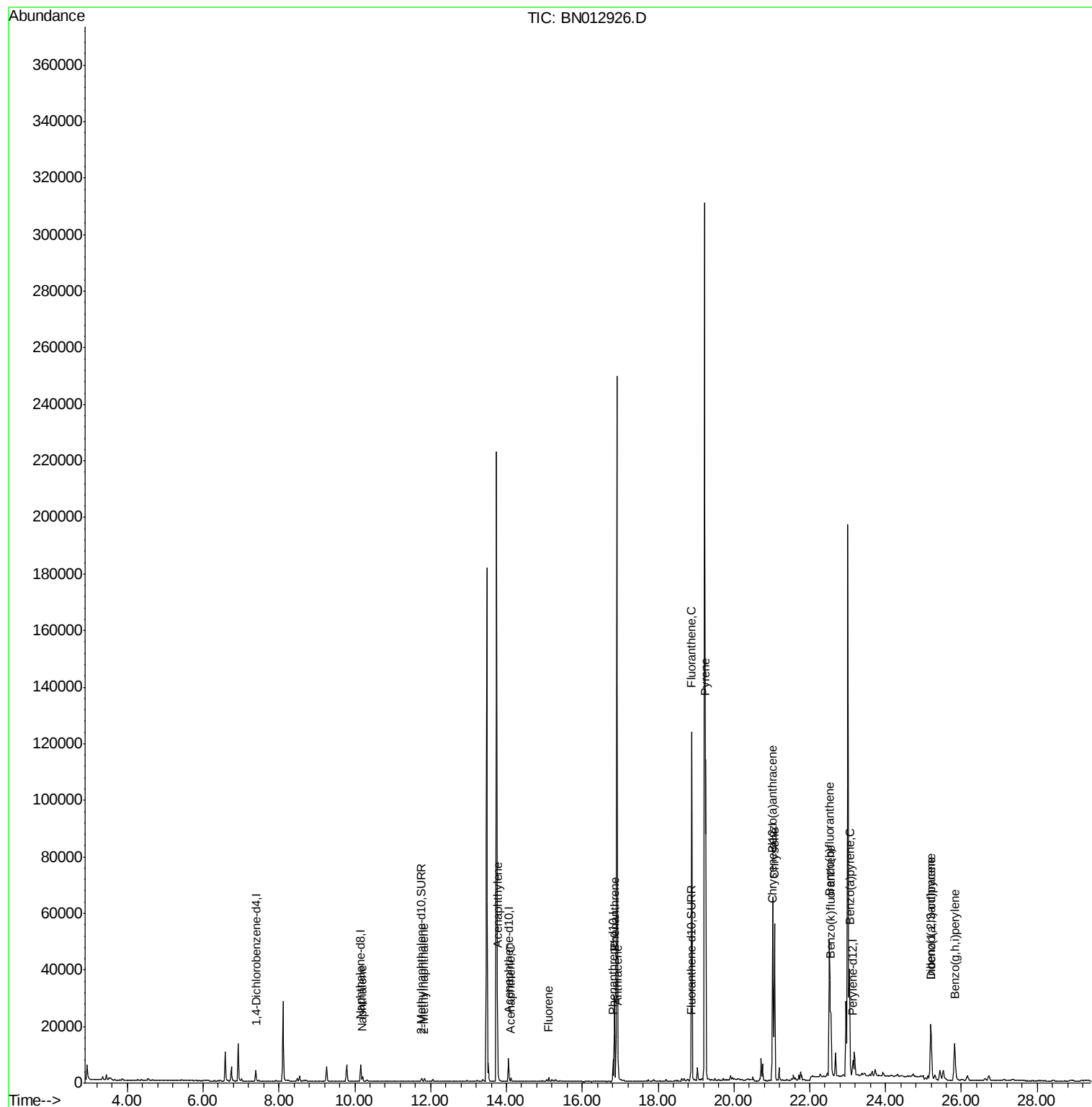
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120620\
Data File : BN012926.D
Acq On : 06 Dec 2020 20:17
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ALS Vial : 40 Sample Multiplier: 1

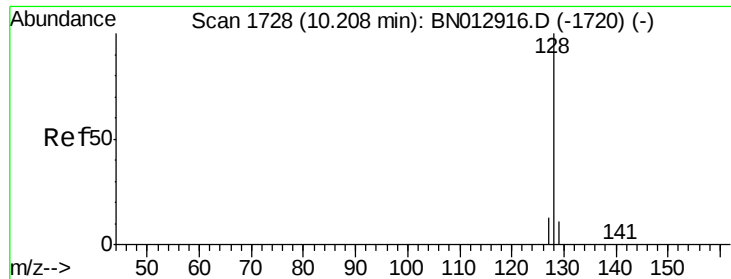
Instrument :
BNA_N
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C0B95

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Quant Time: Dec 07 03:59:28 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 03:06:53 2020
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.102 ng/ul

RT: 10.20 min Scan# 1727

Delta R.T. -0.01 min

Lab File: BN012926.D

Acq: 06 Dec 2020 20:17

Instrument :

BNA_N

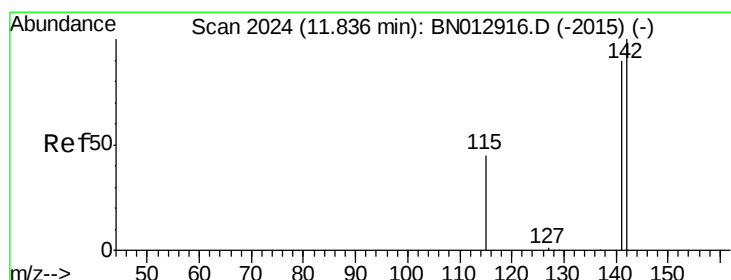
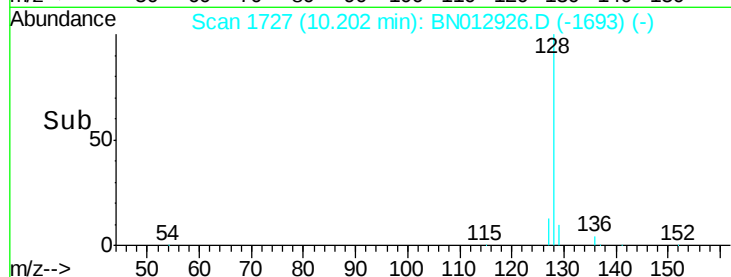
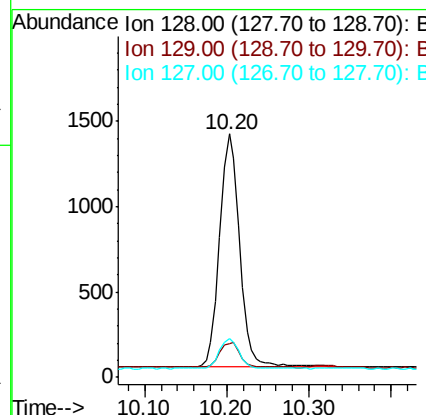
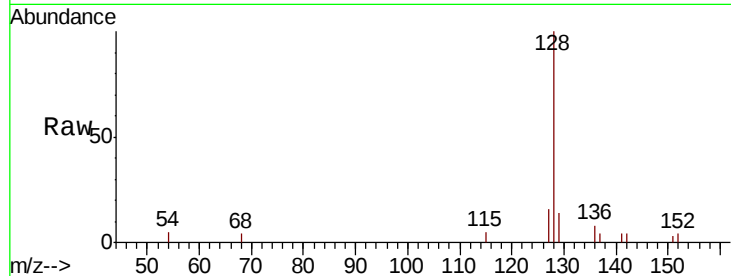
ClientSampleId :

C0B95

Tot Ion:	128	Resp:	2296
Ion	Ratio	Lower	Upper
128	100		
129	13.8	12.3	18.5
127	16.0	14.2	21.4

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#5

2-Methylnaphthalene

Concen: 0.055 ng/ul

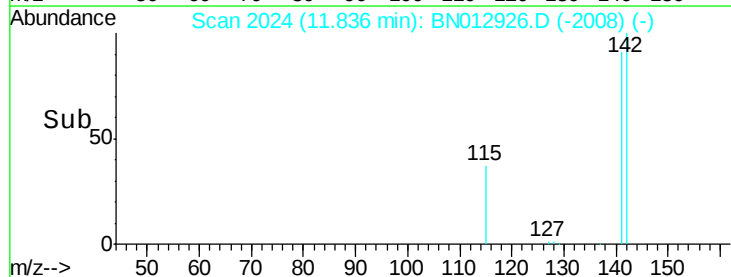
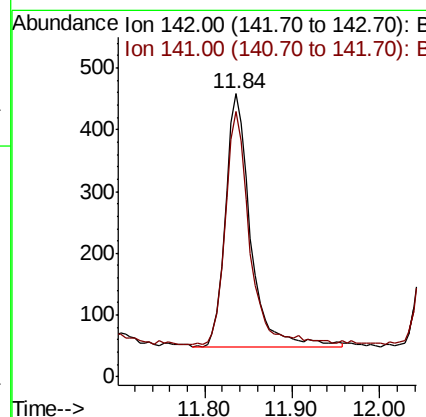
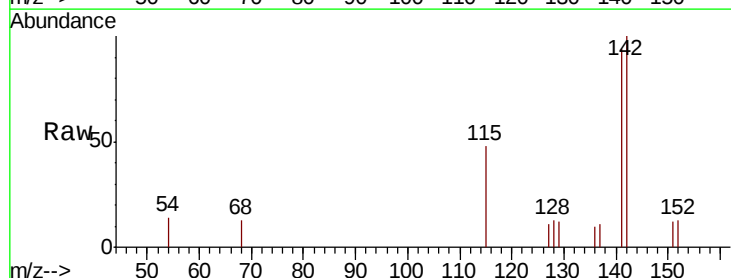
RT: 11.84 min Scan# 2024

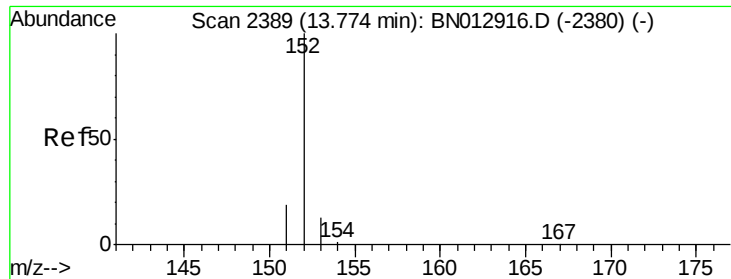
Delta R.T. -0.01 min

Lab File: BN012926.D

Acq: 06 Dec 2020 20:17

Tgt Ion:	142	Resp:	812
Ion	Ratio	Lower	Upper
142	100		
141	89.8	73.0	109.6





#7

Acenaphthylene

Concen: 0.219 ng/ul

RT: 13.77 min Scan# 2388

Delta R.T. -0.01 min

Lab File: BN012926.D

Acq: 06 Dec 2020 20:17

Instrument :

BNA_N

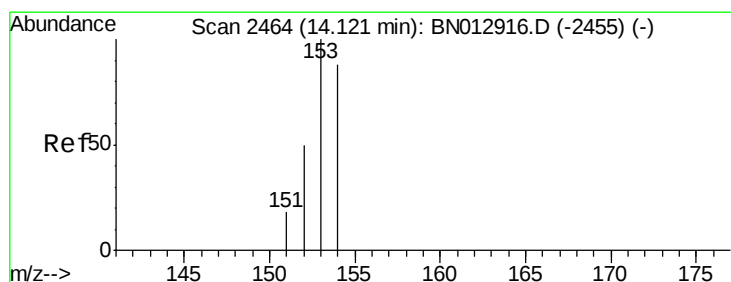
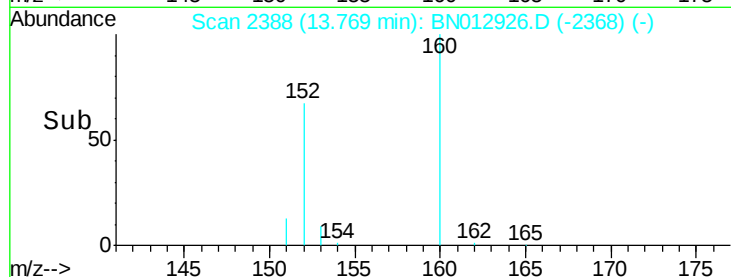
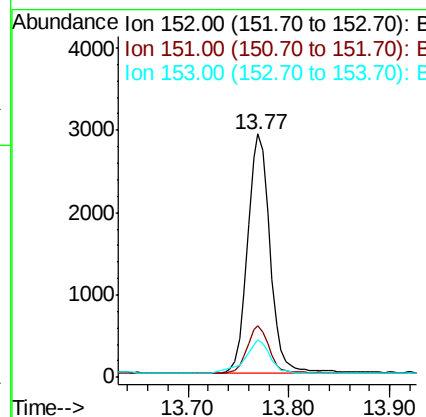
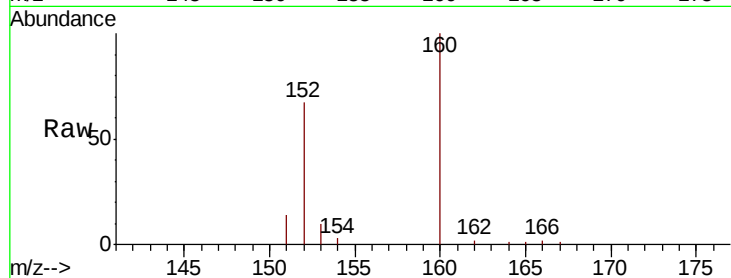
ClientSampleId :

C0B95

Tot Ion:	152	Resp:	4487
Ion Ratio	Lower	Upper	
152	100		
151	21.0	18.2	27.4
153	15.3	13.1	19.7

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#8

Acenaphthene

Concen: 0.046 ng/ul

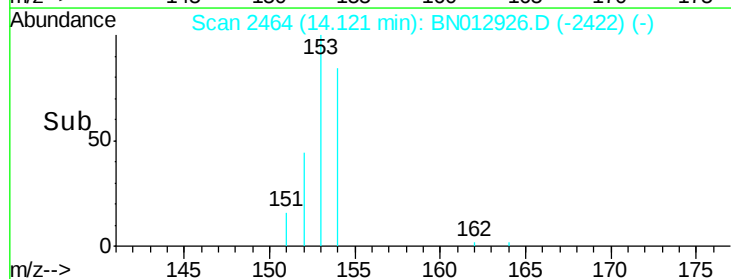
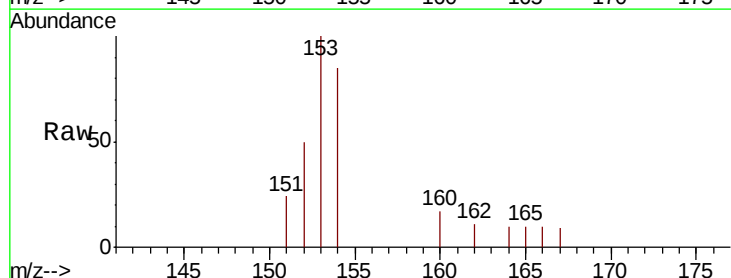
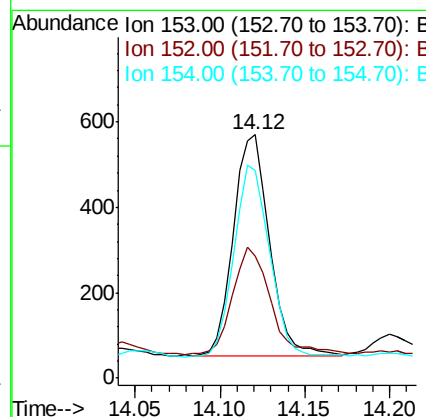
RT: 14.12 min Scan# 2464

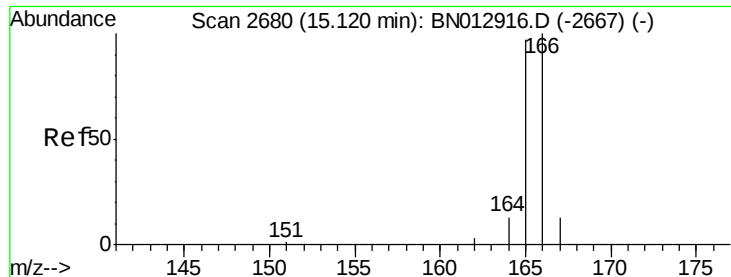
Delta R.T. -0.00 min

Lab File: BN012926.D

Acq: 06 Dec 2020 20:17

Tgt Ion:	153	Resp:	777
Ion Ratio	Lower	Upper	
153	100		
152	50.4	40.7	61.1
154	85.3	70.8	106.2





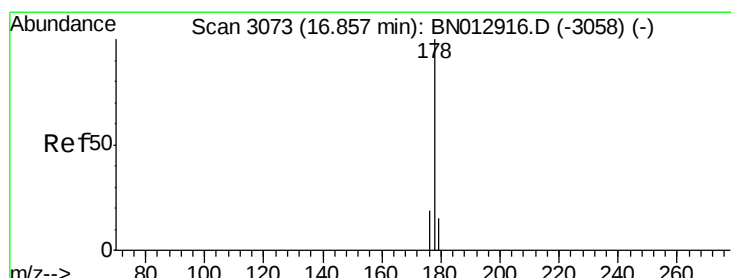
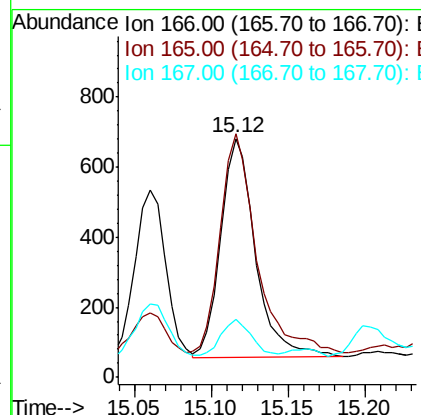
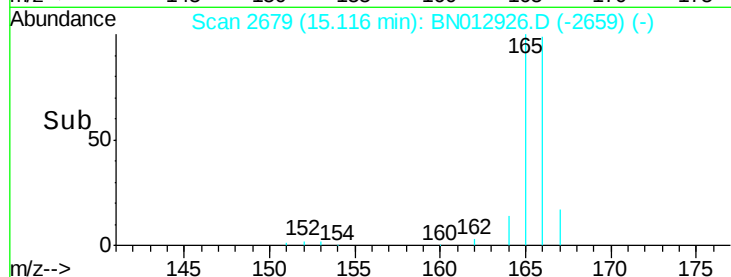
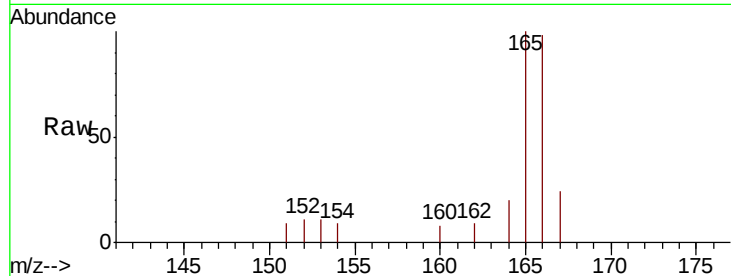
#9
Fluorene
 Concen: 0.050 ng/ul
 RT: 15.12 min Scan# 2679
 Delta R.T. -0.01 min
 Lab File: BN012926.D
 Acq: 06 Dec 2020 20:17

Instrument :
 BNA_N
 ClientSampleId :
 C0B95

Tot Ion	Ion	Ratio	Resp	Lower	Upper
166	100				
165	101.9	79.8	119.8		
167	24.0	13.8	20.8		

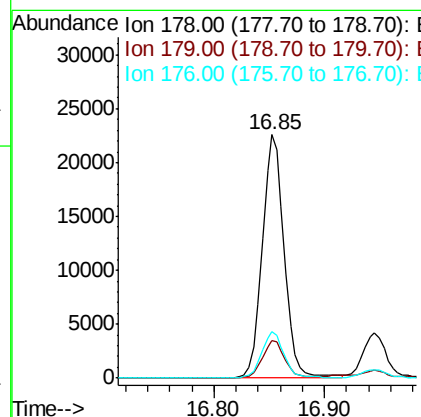
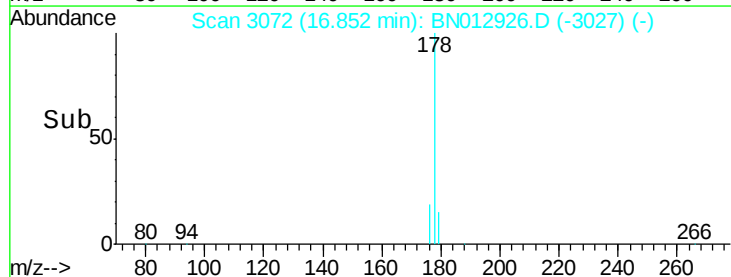
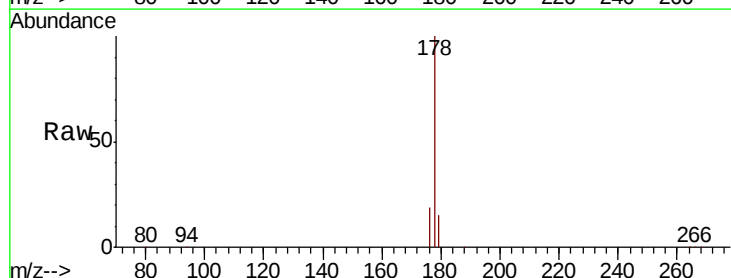
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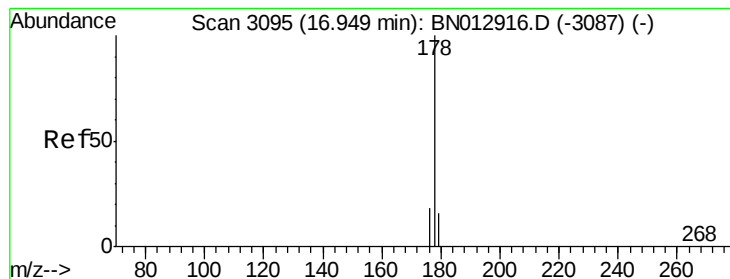
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#12
Phenanthrene
 Concen: 1.015 ng/ul
 RT: 16.85 min Scan# 3072
 Delta R.T. -0.01 min
 Lab File: BN012926.D
 Acq: 06 Dec 2020 20:17

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
178	100				
179	15.5	13.6	20.4		
176	19.2	16.4	24.6		





#13

Anthracene

Concen: 0.217 ng/ul

RT: 16.95 min Scan# 3094

Delta R.T. -0.01 min

Lab File: BN012926.D

Acq: 06 Dec 2020 20:17

Instrument :

BNA_N

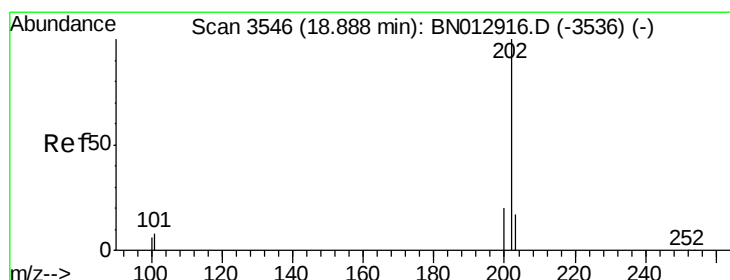
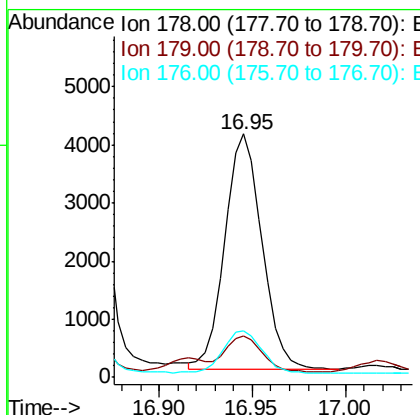
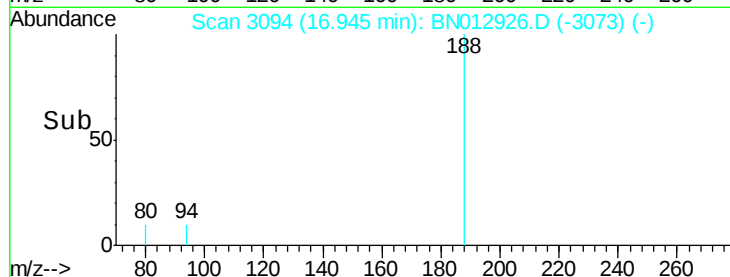
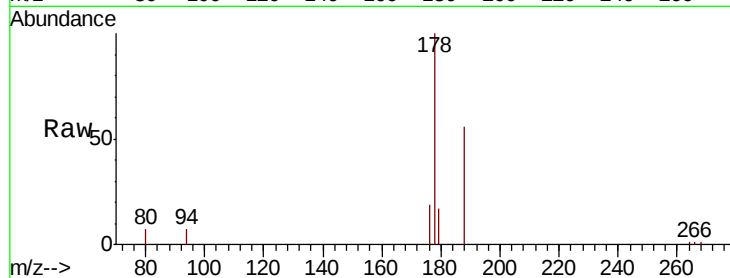
ClientSampled :

C0B95

Tot Ion:	178	Resp:	5619
Ion	Ratio	Lower	Upper
178	100		
179	17.1	14.6	21.8
176	19.3	17.1	25.7

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#15

Fluoranthene

Concen: 2.841 ng/ul

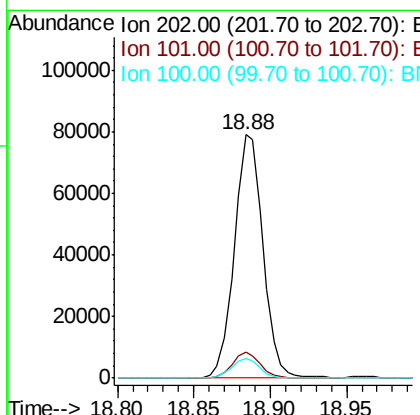
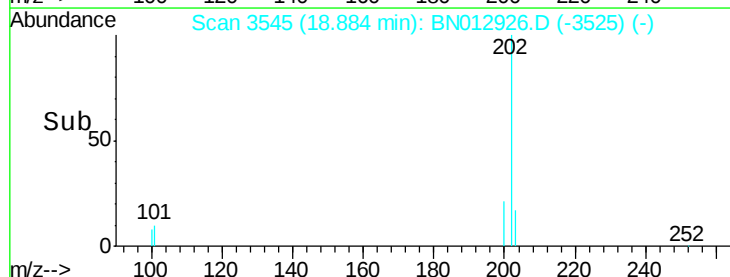
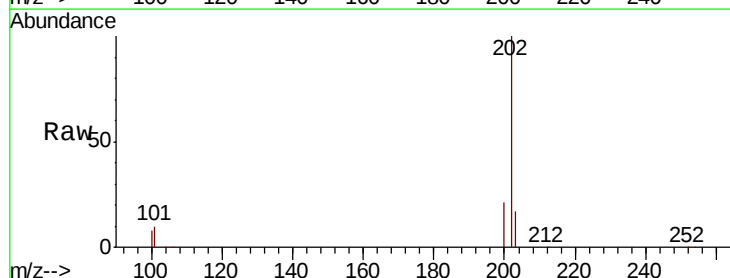
RT: 18.88 min Scan# 3545

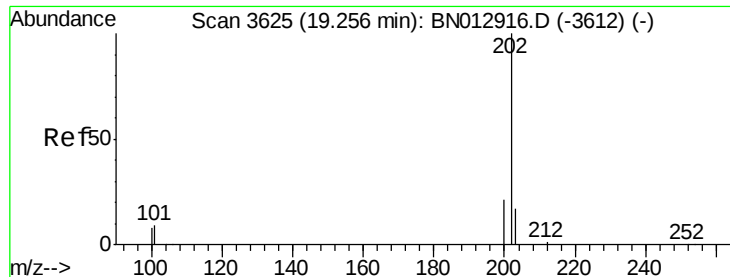
Delta R.T. -0.01 min

Lab File: BN012926.D

Acq: 06 Dec 2020 20:17

Tgt Ion:	202	Resp:	102793
Ion	Ratio	Lower	Upper
202	100		
101	10.5	0.0	30.6
100	8.1	0.0	28.7





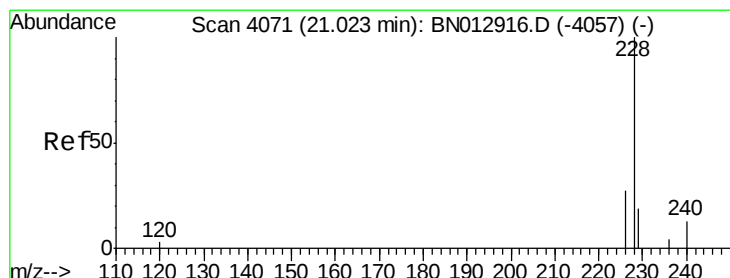
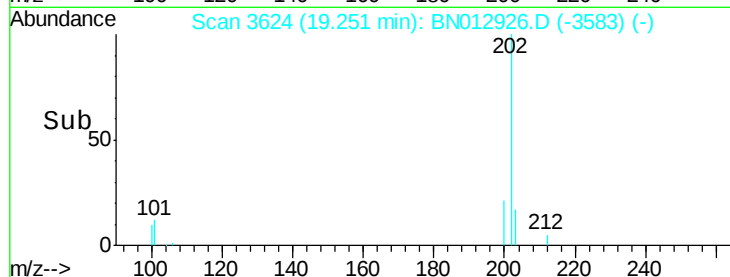
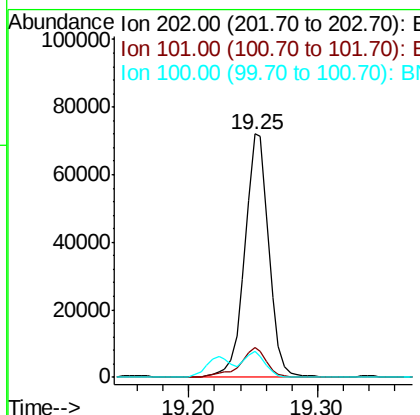
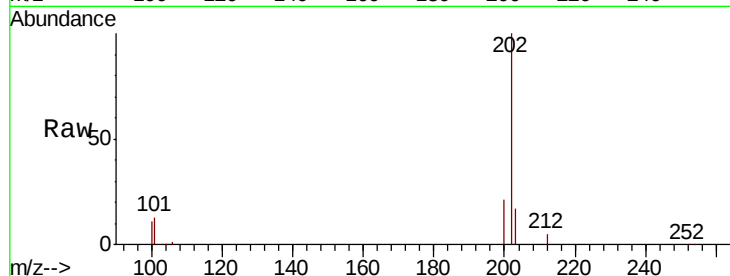
#17
Pvrene
Concen: 2.731 ng/ul
RT: 19.25 min Scan# 3624
Delta R.T. -0.01 min
Lab File: BN012926.D
Acq: 06 Dec 2020 20:17

Instrument :
BNA_N
ClientSampleId :
C0B95

Tot Ion	Ratio	Lower	Upper
202	100		
101	12.5	9.1	13.7
100	10.6	7.5	11.3

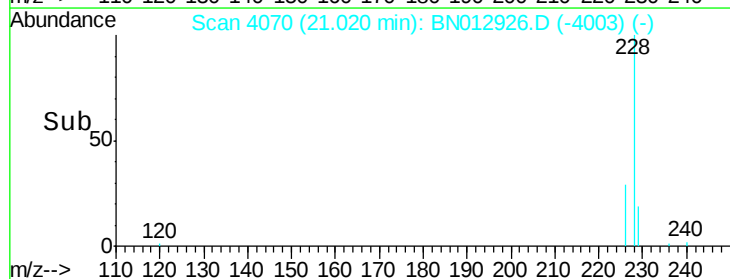
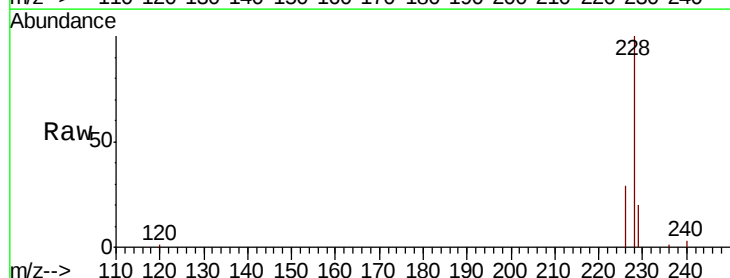
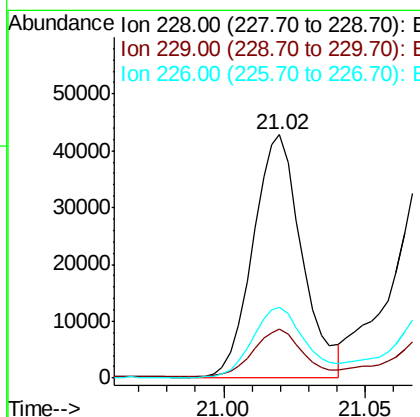
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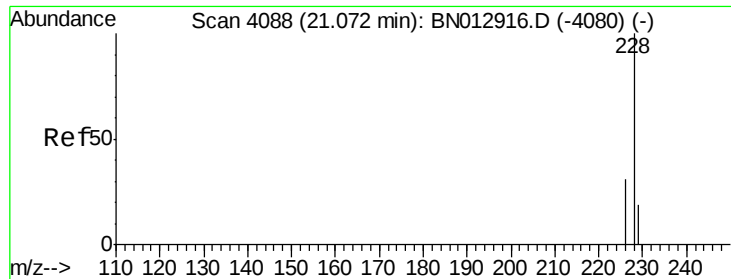
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#18
Benzo(a)anthracene
Concen: 1.725 ng/ul
RT: 21.02 min Scan# 4070
Delta R.T. -0.00 min
Lab File: BN012926.D
Acq: 06 Dec 2020 20:17

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.2	16.3	24.5
226	29.2	23.4	35.2





#19

Chrysene

Concen: 1.650 ng/ul

RT: 21.07 min Scan# 4087

Delta R.T. -0.01 min

Lab File: BN012926.D

Acq: 06 Dec 2020 20:17

Instrument :

BNA_N

ClientSampled :

C0B95

Tot Ion:228 Resp: 54248

Ion Ratio Lower Upper

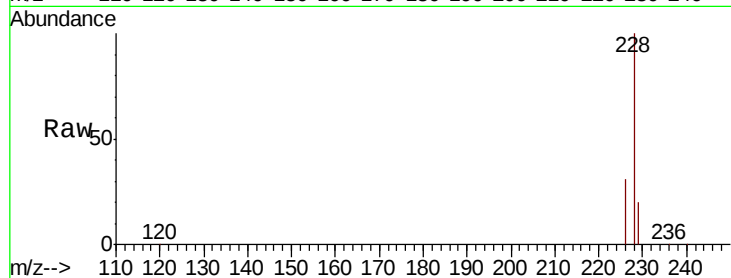
228 100

226 30.8 25.0 37.6

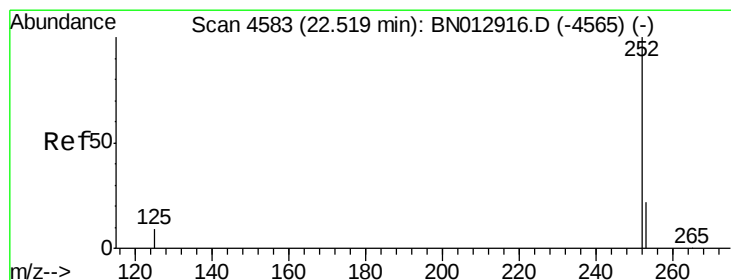
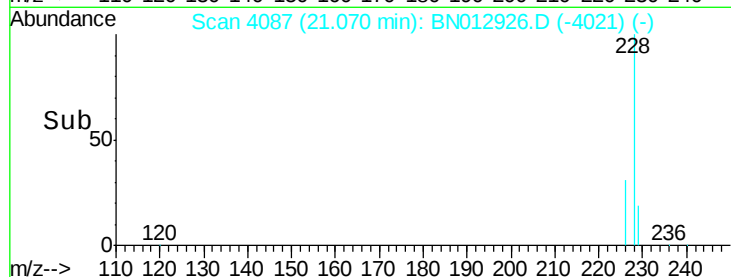
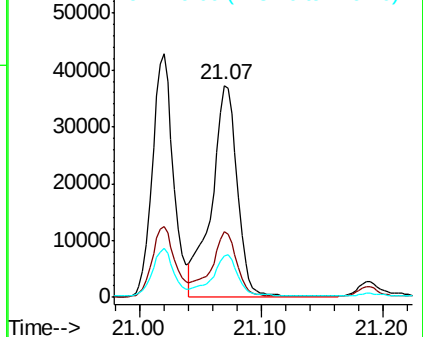
229 19.7 16.4 24.6

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



#21

Benzo(b)fluoranthene

Concen: 2.499 ng/ul m

RT: 22.52 min Scan# 4583

Delta R.T. -0.00 min

Lab File: BN012926.D

Acq: 06 Dec 2020 20:17

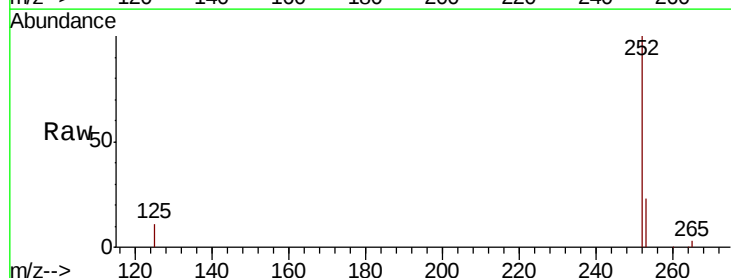
Tgt Ion:252 Resp: 71502

Ion Ratio Lower Upper

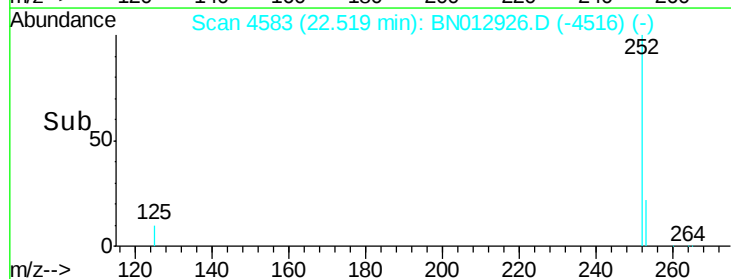
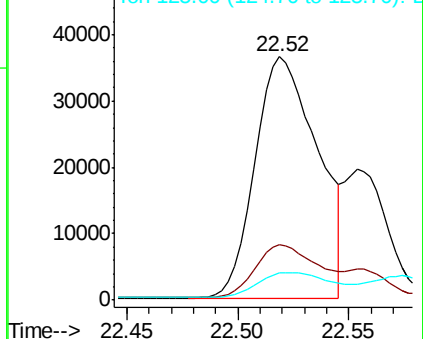
252 100

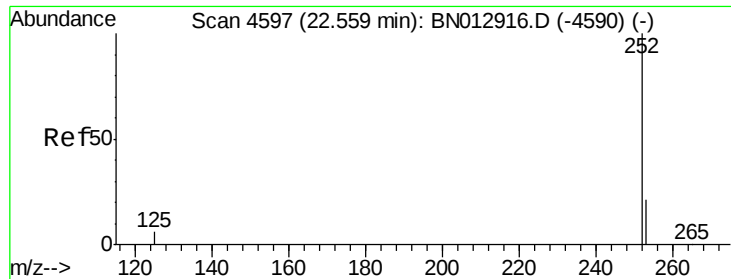
253 22.9 0.0 59.6

125 11.0 0.0 26.0



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





#22

Benzo(k)fluoranthene

Concen: 0.830 ng/ul m

RT: 22.55 min Scan# 4595

Delta R.T. -0.01 min

Lab File: BN012926.D

Acq: 06 Dec 2020 20:17

Instrument :

BNA_N

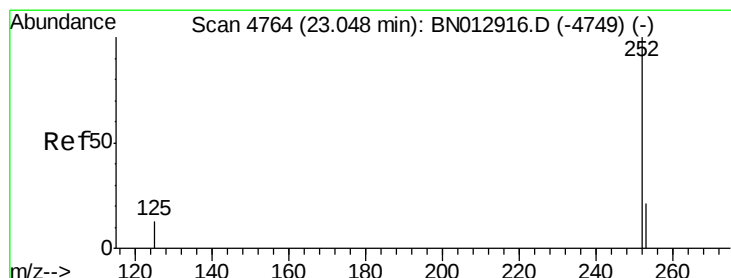
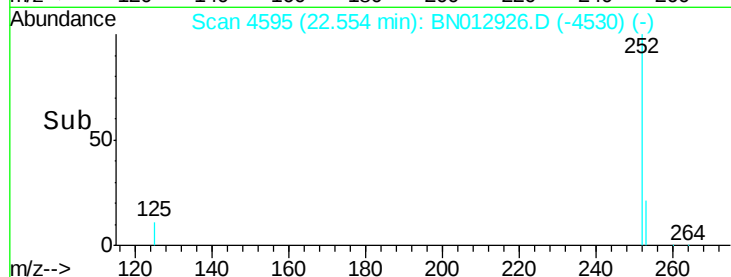
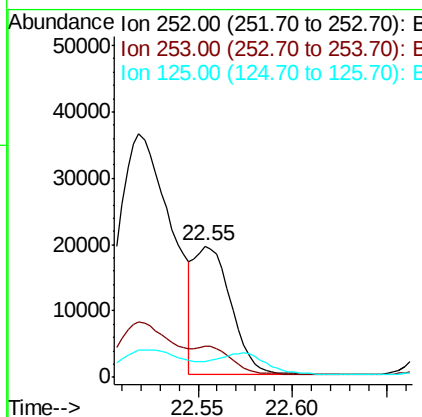
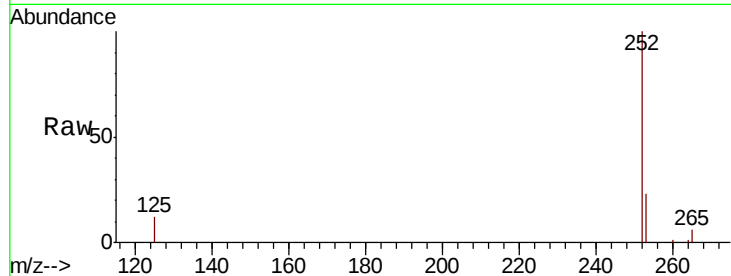
ClientSampleId :

C0B95

Tot Ion:	252	Resp:	26261
Ion Ratio	Lower	Upper	
252	100		
253	23.4	23.4	35.2#
125	12.5	11.1	16.7

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#23

Benzo(a)pyrene

Concen: 1.658 ng/ul m

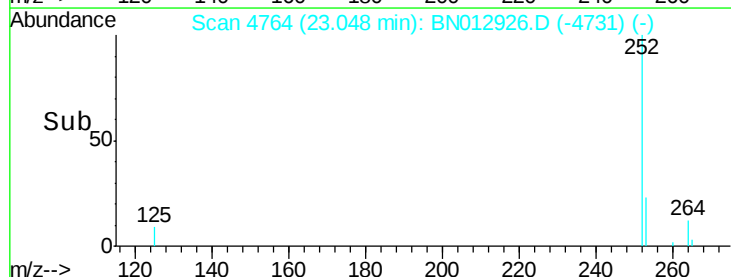
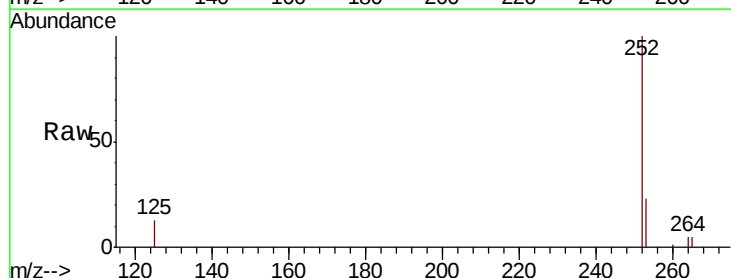
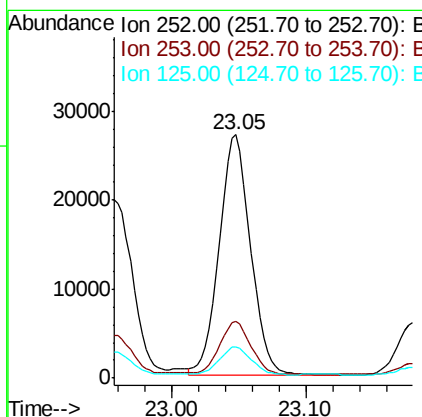
RT: 23.05 min Scan# 4764

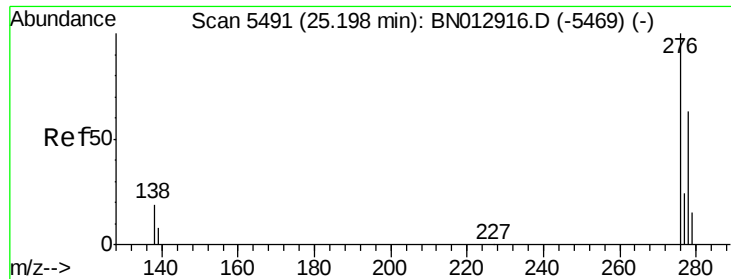
Delta R.T. -0.00 min

Lab File: BN012926.D

Acq: 06 Dec 2020 20:17

Tgt Ion:	252	Resp:	44025
Ion Ratio	Lower	Upper	
252	100		
253	23.2	26.5	39.7#
125	12.8	14.2	21.2#





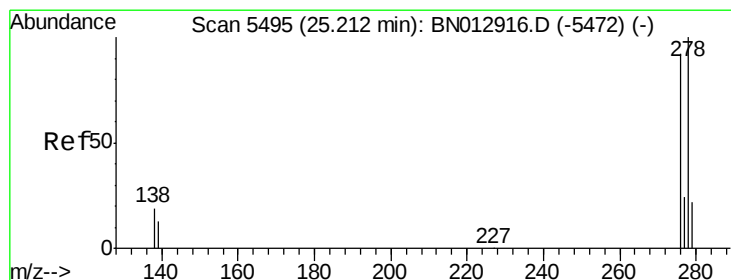
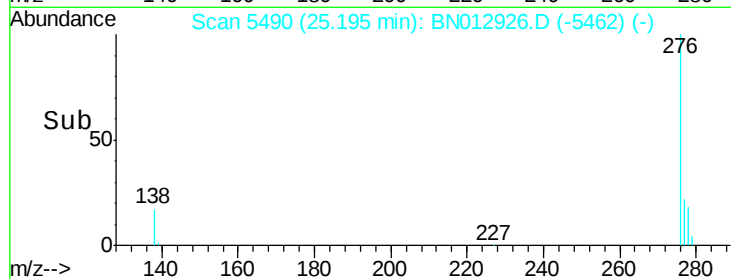
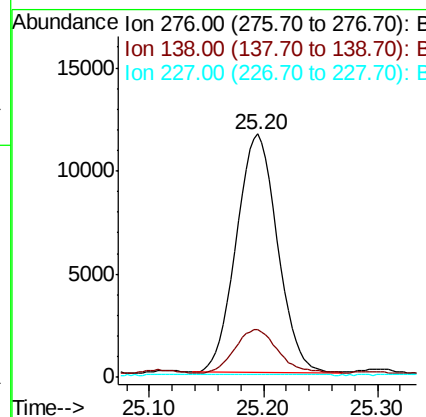
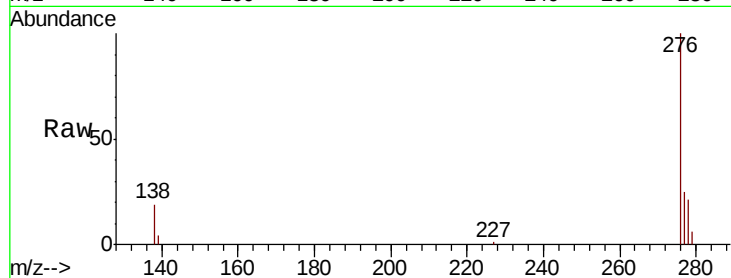
#24
Indeno(1,2,3-cd)pyrene
Concen: 0.830 ng/ul
RT: 25.20 min Scan# 5490
Delta R.T. -0.01 min
Lab File: BN012926.D
Acq: 06 Dec 2020 20:17

Instrument :
BNA_N
ClientSampleId :
C0B95

Tot Ion	Ratio	Lower	Upper
276	100		
138	19.2	16.2	24.2
227	0.2	0.0	0.0

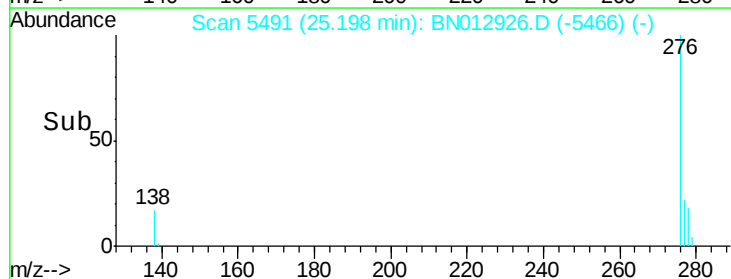
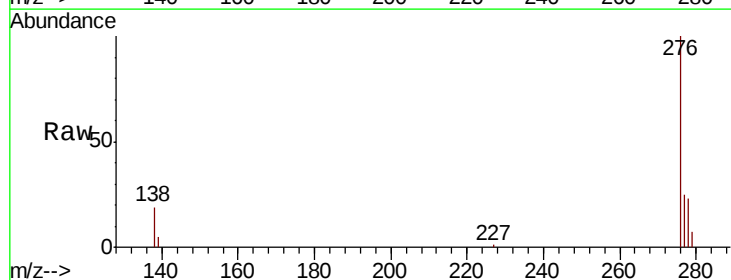
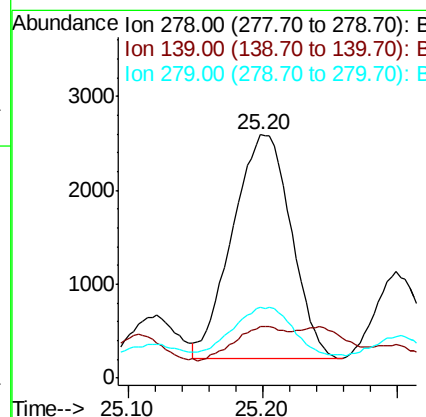
Manual Integrations
APPROVED

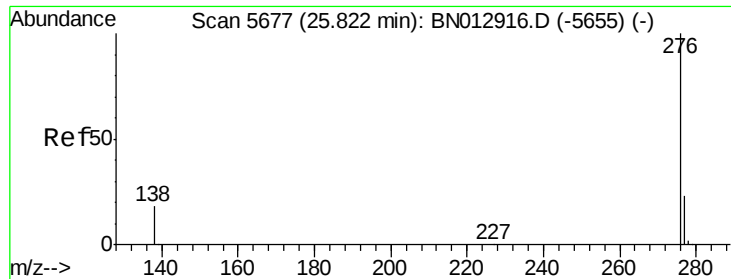
mohammad
12/7/2020 2:12:00 PM



#25
Dibenzo(a,h)anthracene
Concen: 0.261 ng/ul
RT: 25.20 min Scan# 5491
Delta R.T. -0.02 min
Lab File: BN012926.D
Acq: 06 Dec 2020 20:17

Tgt Ion	Ratio	Lower	Upper
278	100		
139	20.9	14.5	21.7
279	29.1	26.3	39.5





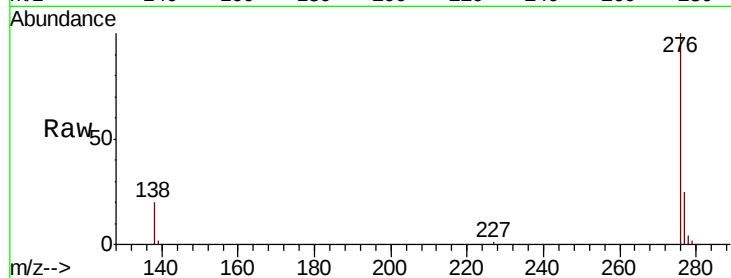
#26
 Benzo(a,h,i)perylene
 Concen: 0.805 ng/ul
 RT: 25.82 min Scan# 5677
 Delta R.T. -0.01 min
 Lab File: BN012926.D
 Acq: 06 Dec 2020 20:17

Instrument :
 BNA_N
 ClientSampleId :
 C0B95

Tot Ion	Ratio	Lower	Upper
276	100		
138	19.9	16.3	24.5
277	24.7	21.8	32.6

Manual Integrations
 APPROVED

mohammad
 12/7/2020 2:12:00 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

