

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120720\
 Data File : BN012961.D
 Acq On : 08 Dec 2020 04:56
 Operator : CG/JU
 Sample : L4862-05
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0B56

Manual Integrations
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Quant Time: Dec 08 06:59:44 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 : Tue Dec 08 06:48:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	1014	0.40	ng/ul	0.00
2) Naphthalene-d8	10.15	136	4222	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.05	164	2388	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.81	188	5043	0.40	ng/ul	0.00
16) Chrysene-d12	21.03	240	4324	0.40	ng/ul	0.00
20) Perylene-d12	23.13	264	4000	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.75	152	567	0.09	ng/ul	0.00
14) Fluoranthene-d10	18.85	212	1449	0.11	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.20	128	265	0.022	ng/ul#	60
7) Acenaphthylene	13.76	152	2142	0.190	ng/ul	99
8) Acenaphthene	14.12	153	796	0.086	ng/ul	98
9) Fluorene	15.11	166	986	0.093	ng/ul	98
11) Pentachlorophenol	16.47	266	36	0.025	ng/ul	98
12) Phenanthrene	16.85	178	31687	1.874	ng/ul	97
13) Anthracene	16.94	178	7118	0.495	ng/ul	96
15) Fluoranthene	18.88	202	100836	5.019	ng/ul	96
17) Pyrene	19.25	202	80217	3.928	ng/ul	99
18) Benzo(a)anthracene	21.02	228	39329	2.198	ng/ul	99
19) Chrysene	21.07	228	40544	2.051	ng/ul	99
21) Benzo(b)fluoranthene	22.52	252	52637m	2.844	ng/ul	
22) Benzo(k)fluoranthene	22.55	252	19107m	0.934	ng/ul	
23) Benzo(a)pyrene	23.04	252	31761	1.850	ng/ul#	84
24) Indeno(1,2,3-cd)pyrene	25.19	276	20036	0.888	ng/ul#	98
25) Dibenzo(a,h)anthracene	25.20	278	4998	0.280	ng/ul#	96
26) Benzo(a,h,i)perylene	25.82	276	16986	0.833	ng/ul	97

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

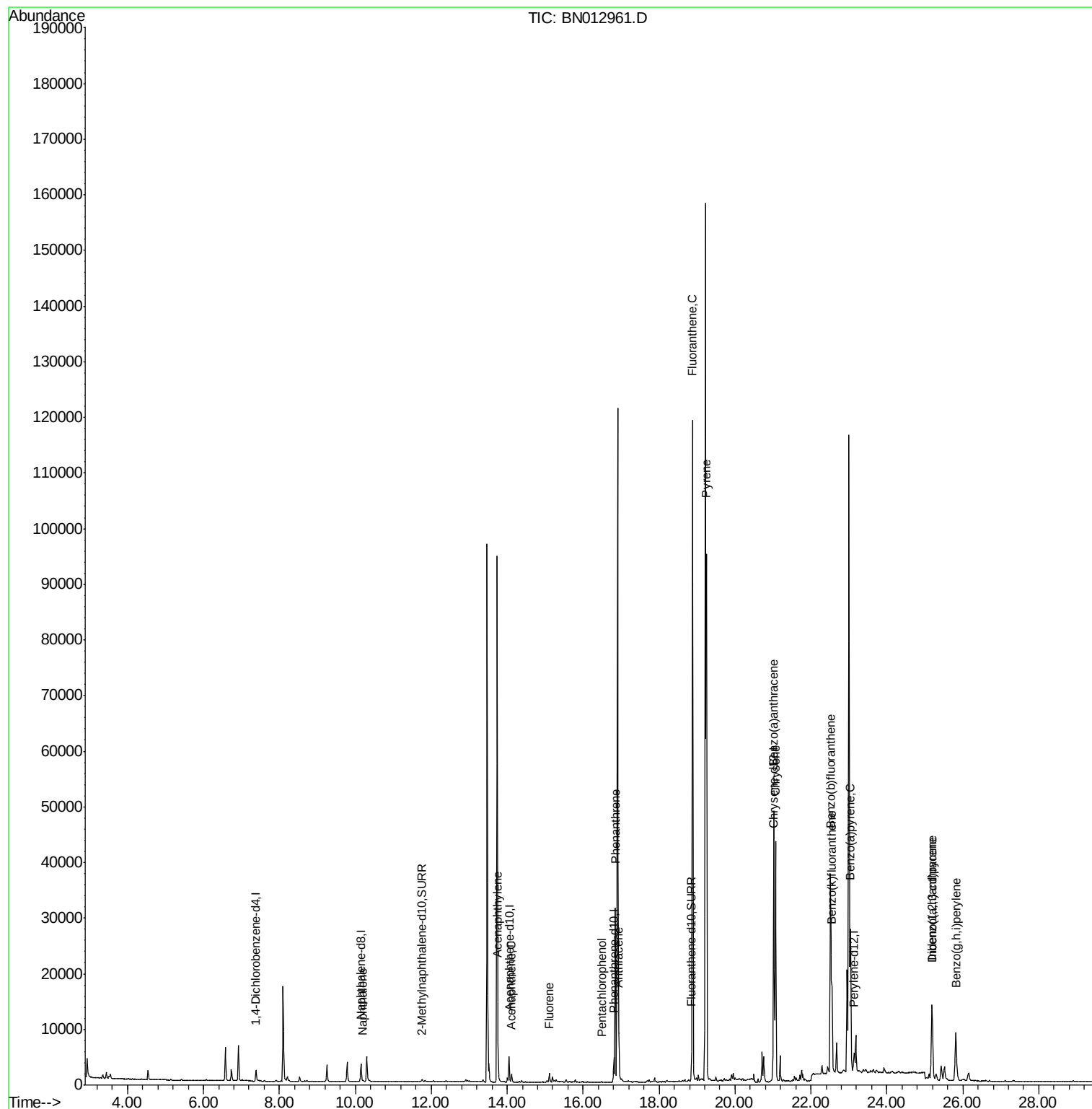
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120720\
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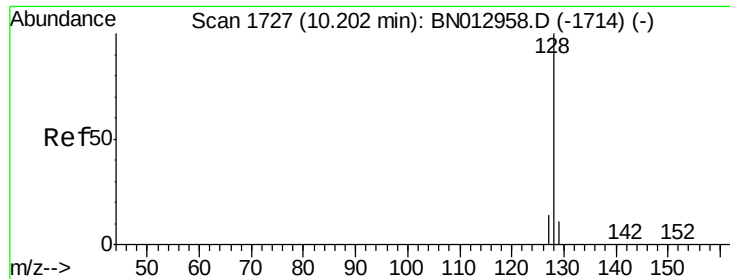
Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN120320.M
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QLast Update : Tue Dec 08 06:48:20 2020
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.022 ng/ul

RT: 10.20 min Scan# 1726

Delta R.T. -0.01 min

Lab File: BN012961.D

Acq: 08 Dec 2020 04:56

Instrument :

BNA_N

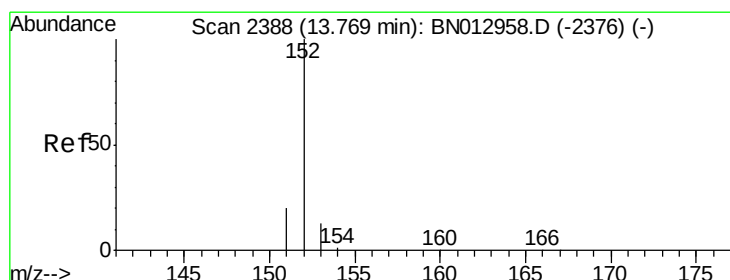
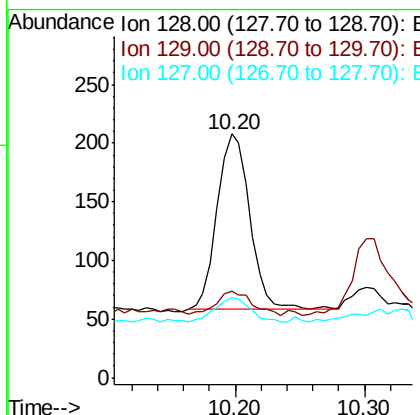
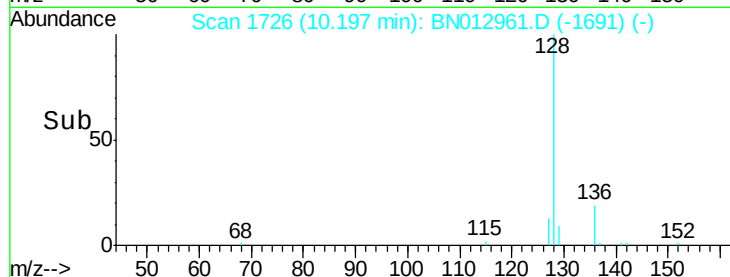
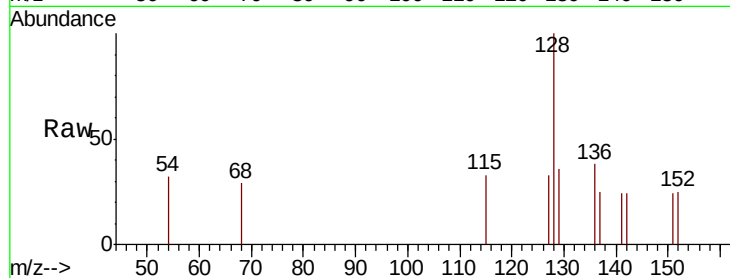
ClientSampled :

C0B56

Tot Ion:	128	Resp:	265
Ion Ratio	Lower	Upper	
128	100		
129	35.6	12.3	18.5#
127	32.7	14.2	21.4#

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#7

Acenaphthylene

Concen: 0.190 ng/ul

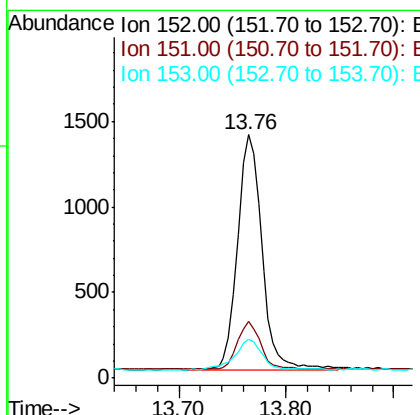
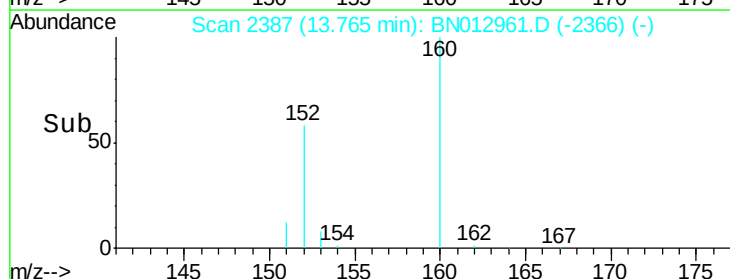
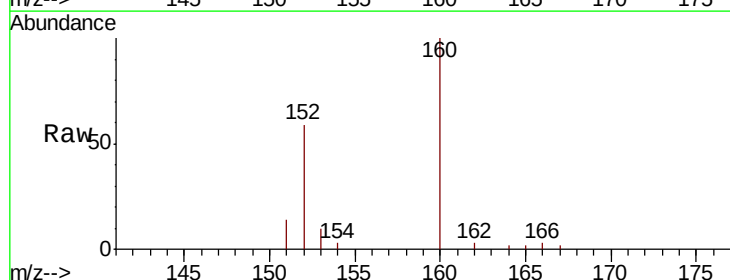
RT: 13.76 min Scan# 2387

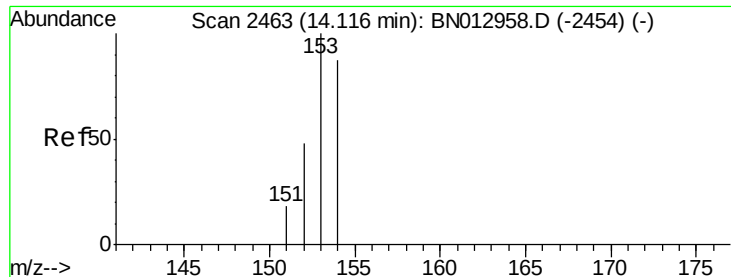
Delta R.T. -0.00 min

Lab File: BN012961.D

Acq: 08 Dec 2020 04:56

Tgt Ion:	152	Resp:	2142
Ion Ratio	Lower	Upper	
152	100		
151	23.2	18.2	27.4
153	16.1	13.1	19.7





#8

Acenaphthene

Concen: 0.086 ng/ul

RT: 14.12 min Scan# 2463

Delta R.T. 0.00 min

Lab File: BN012961.D

Acq: 08 Dec 2020 04:56

Instrument :

BNA_N

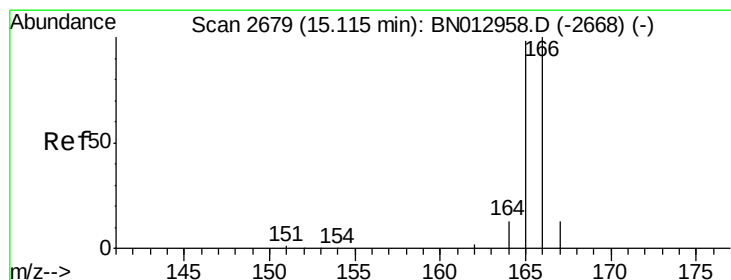
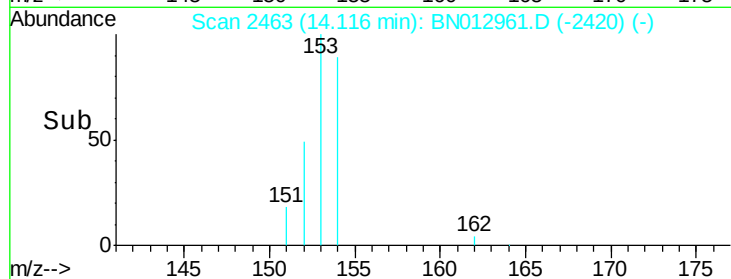
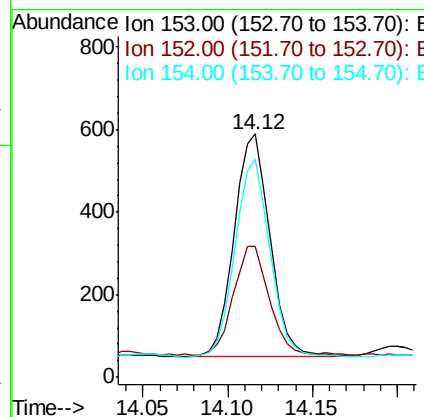
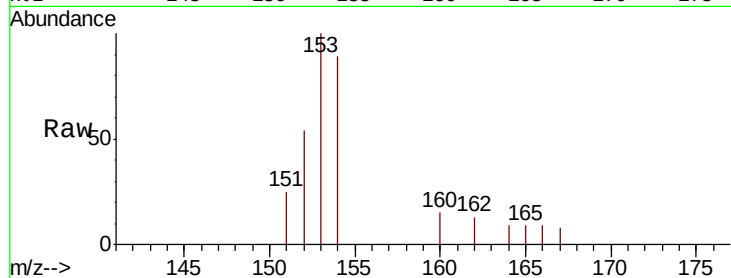
ClientSampleId :

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Tot Ion:	153	Resp:	796
Ion	Ratio	Lower	Upper
153	100		
152	53.7	40.7	61.1
154	89.5	70.8	106.2

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#9

Fluorene

Concen: 0.093 ng/ul

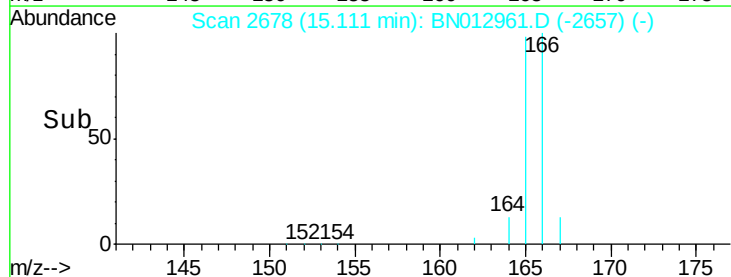
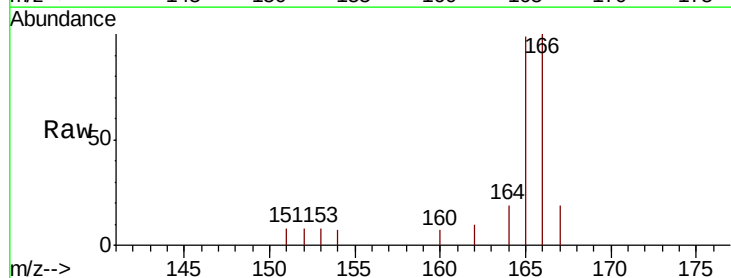
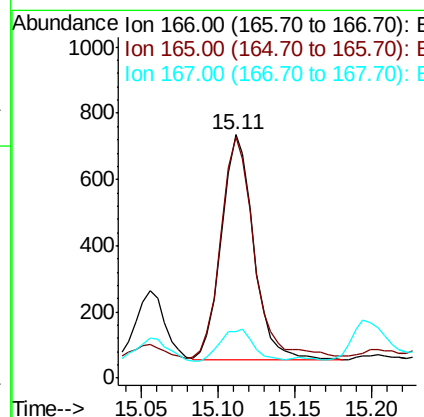
RT: 15.11 min Scan# 2678

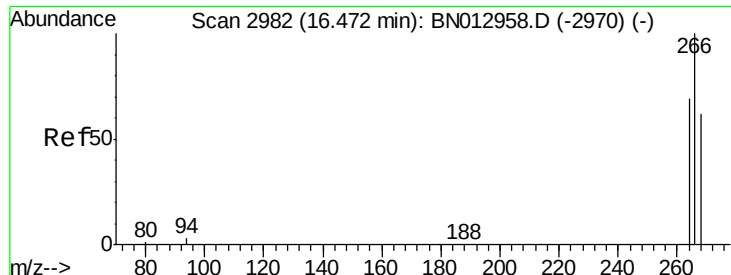
Delta R.T. -0.00 min

Lab File: BN012961.D

Acq: 08 Dec 2020 04:56

Tgt Ion:	166	Resp:	986
Ion	Ratio	Lower	Upper
166	100		
165	98.8	79.8	119.8
167	19.3	13.8	20.8





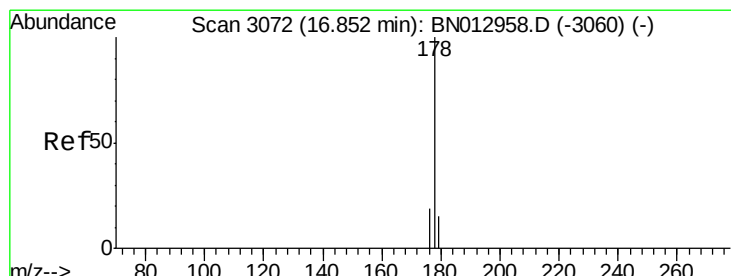
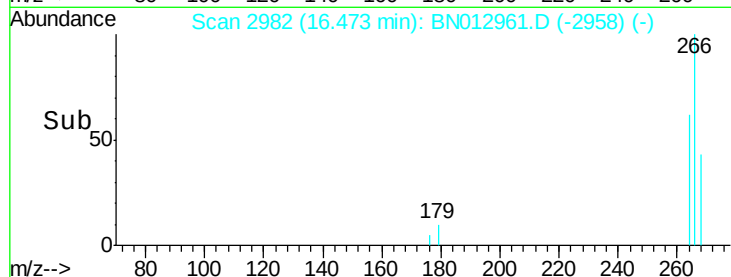
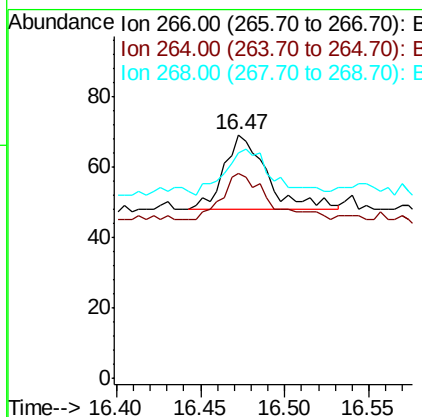
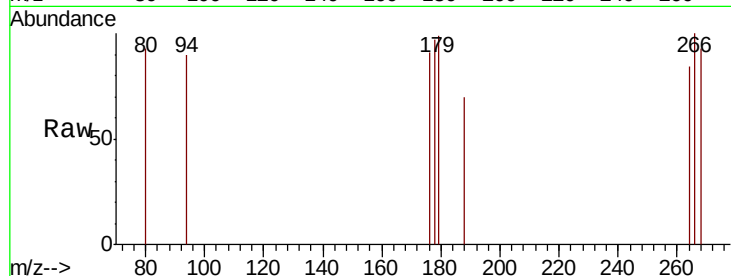
#11
 Pentachlorophenol
 Concen: 0.025 ng/ul
 RT: 16.47 min Scan# 2982
 Delta R.T. 0.00 min
 Lab File: BN012961.D
 Acq: 08 Dec 2020 04:56

Instrument :
 BNA_N
 ClientSampleId :
 C0B56

Tot Ion:	266	Resp:	36
Ion Ratio	Lower	Upper	
266	100		
264	66.7	51.5	77.3
268	69.4	56.0	84.0

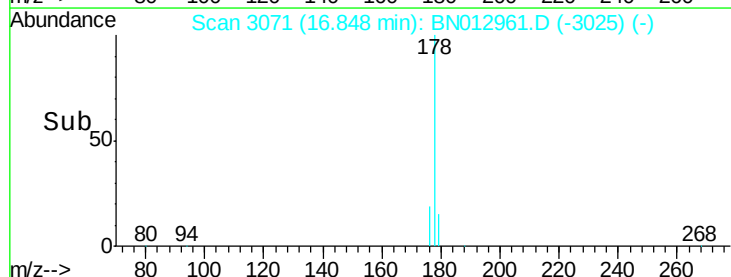
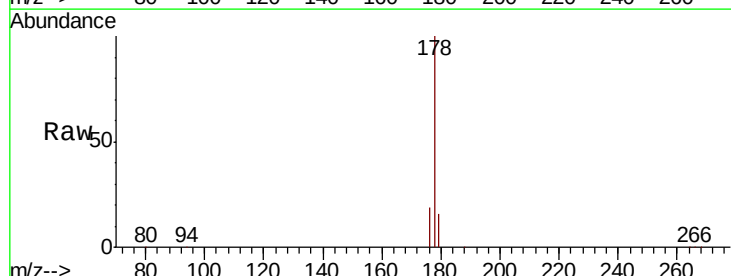
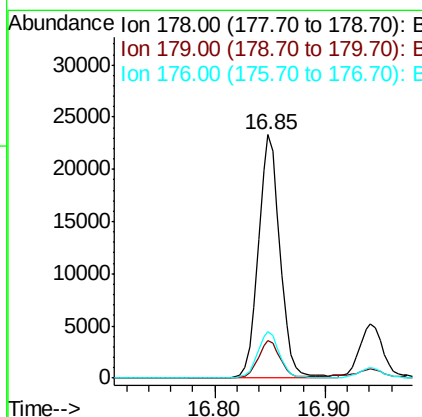
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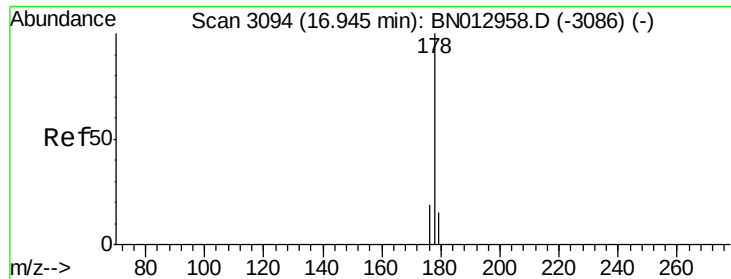
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#12
 Phenanthrene
 Concen: 1.874 ng/ul
 RT: 16.85 min Scan# 3071
 Delta R.T. -0.00 min
 Lab File: BN012961.D
 Acq: 08 Dec 2020 04:56

Tgt Ion:	178	Resp:	31687
Ion Ratio	Lower	Upper	
178	100		
179	15.6	13.6	20.4
176	19.3	16.4	24.6





#13

Anthracene

Concen: 0.495 ng/ul

RT: 16.94 min Scan# 3093

Delta R.T. -0.00 min

Lab File: BN012961.D

Acq: 08 Dec 2020 04:56

Instrument :

BNA_N

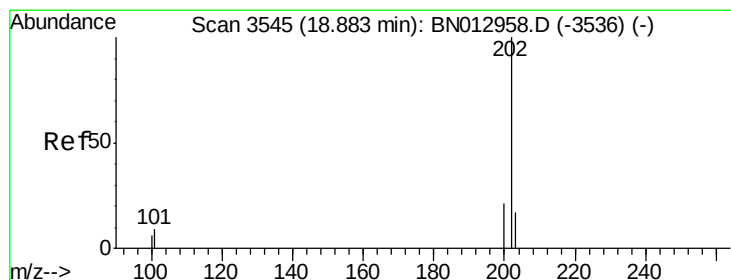
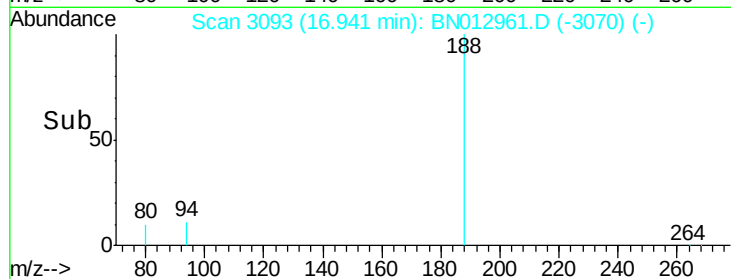
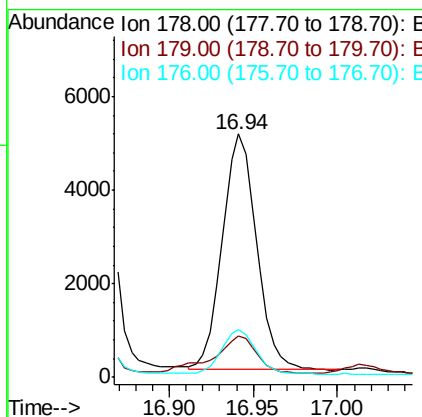
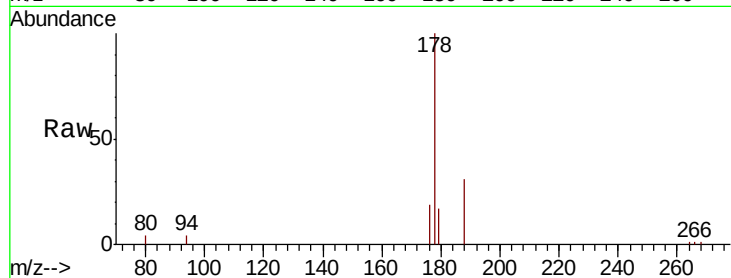
ClientSampleId :

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Tot Ion:	178	Resp:	7118
Ion Ratio	Lower	Upper	
178	100		
179	16.7	14.6	21.8
176	19.4	17.1	25.7

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#15

Fluoranthene

Concen: 5.019 ng/ul

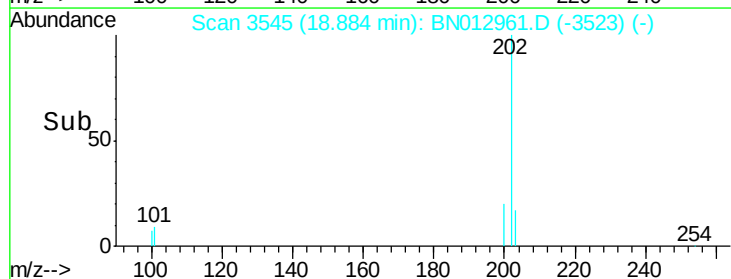
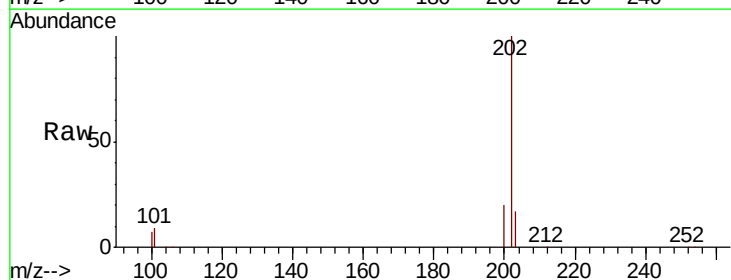
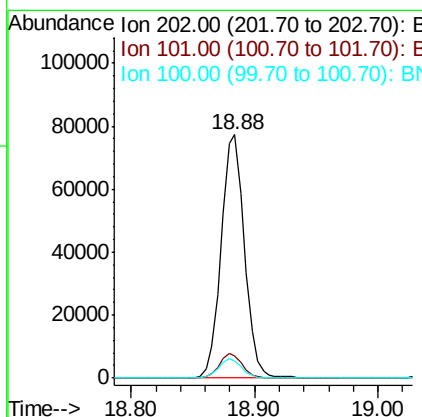
RT: 18.88 min Scan# 3545

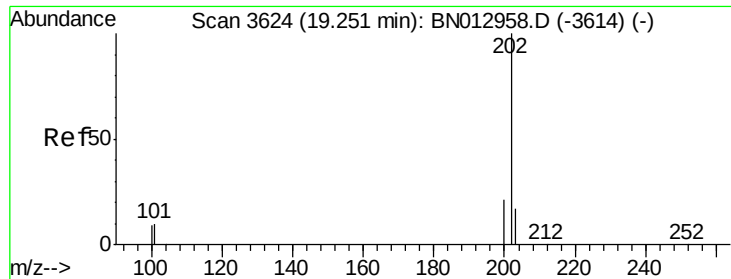
Delta R.T. 0.00 min

Lab File: BN012961.D

Acq: 08 Dec 2020 04:56

Tgt Ion:	202	Resp:	100836
Ion Ratio	Lower	Upper	
202	100		
101	9.3	0.0	30.6
100	7.2	0.0	28.7





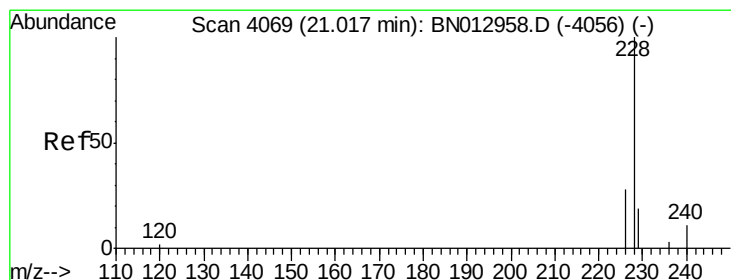
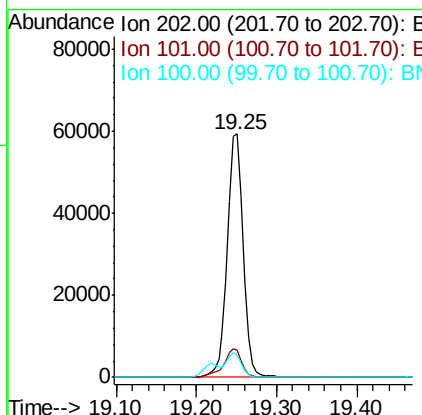
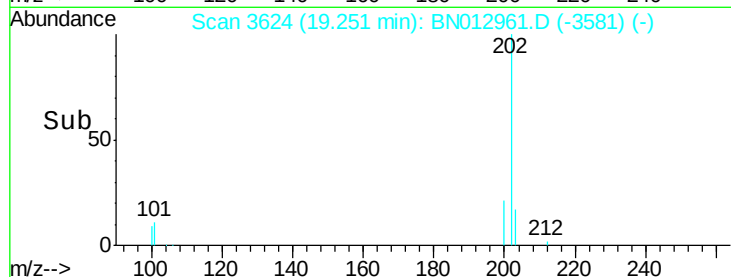
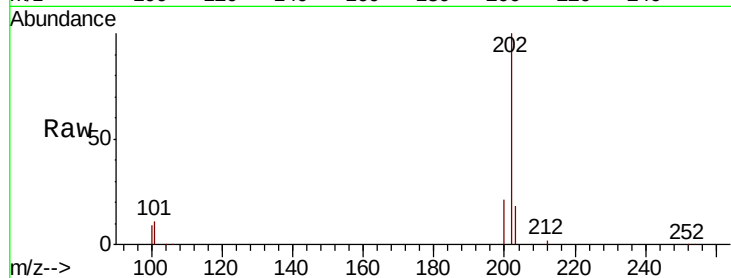
#17
 Pvrene
 Concen: 3.928 ng/ul
 RT: 19.25 min Scan# 3624
 Delta R.T. 0.00 min
 Lab File: BN012961.D
 Acq: 08 Dec 2020 04:56

Instrument :
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 ClientSampleId :
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Tot Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	11.0	9.1	13.7
100	9.0	7.5	11.3

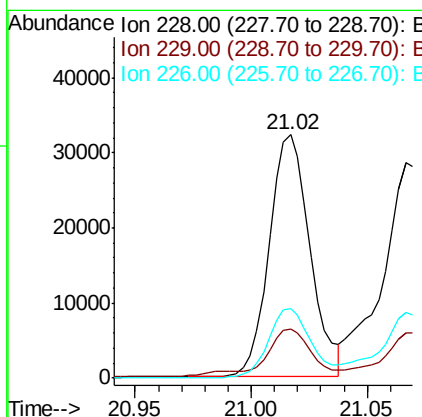
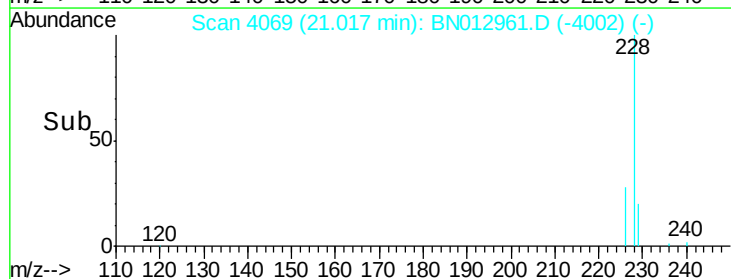
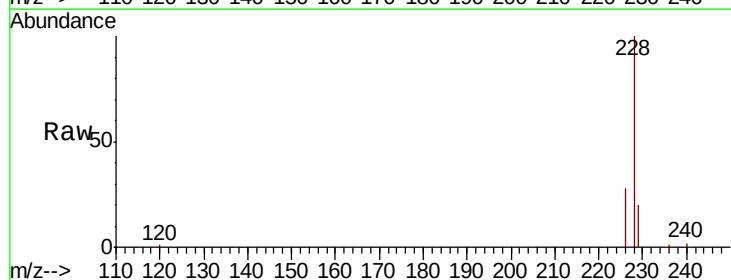
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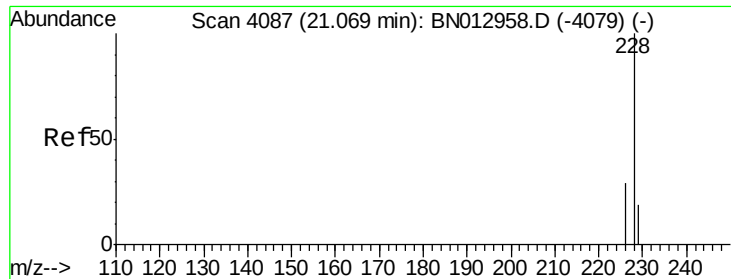
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#18
 Benzo(a)anthracene
 Concen: 2.198 ng/ul
 RT: 21.02 min Scan# 4069
 Delta R.T. -0.00 min
 Lab File: BN012961.D
 Acq: 08 Dec 2020 04:56

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	20.3	16.3	24.5
226	28.4	23.4	35.2





#19

Chrysene

Concen: 2.051 ng/ul

RT: 21.07 min Scan# 4086

Delta R.T. -0.01 min

Lab File: BN012961.D

Acq: 08 Dec 2020 04:56

Instrument :

BNA_N

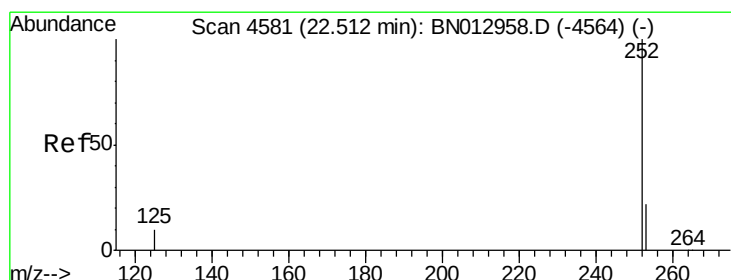
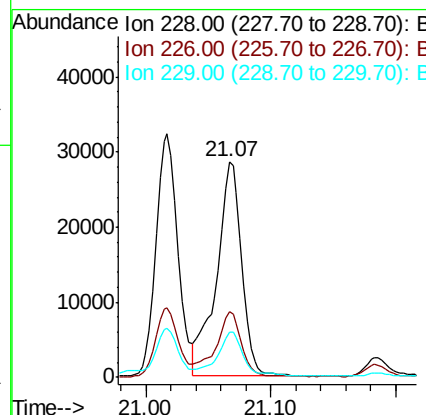
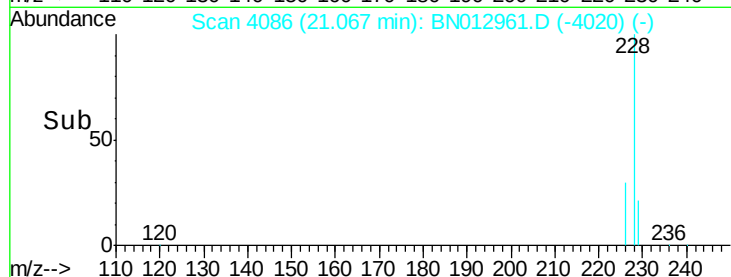
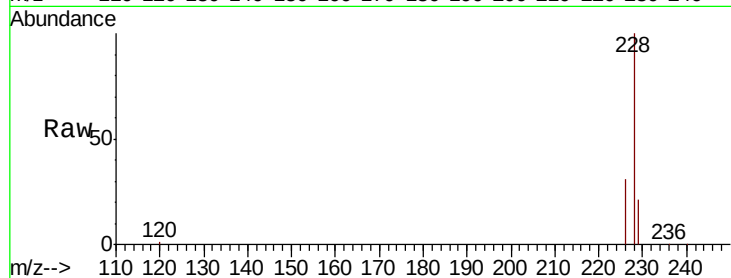
ClientSampleId :

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Tot Ion:	228	Resp:	40544
Ion	Ratio	Lower	Upper
228	100		
226	30.6	25.0	37.6
229	20.8	16.4	24.6

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#21

Benzo(b)fluoranthene

Concen: 2.844 ng/ul m

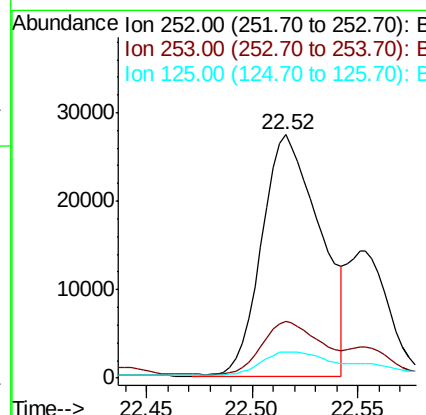
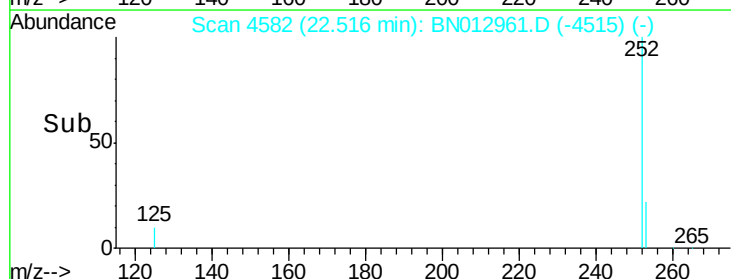
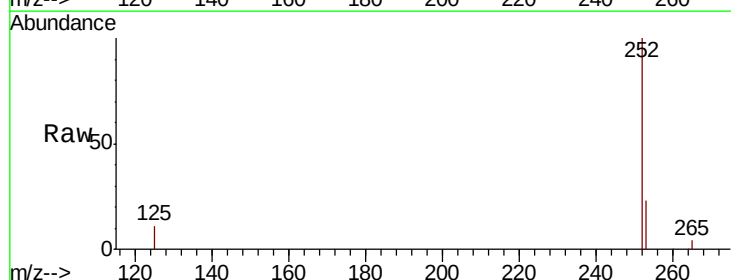
RT: 22.52 min Scan# 4582

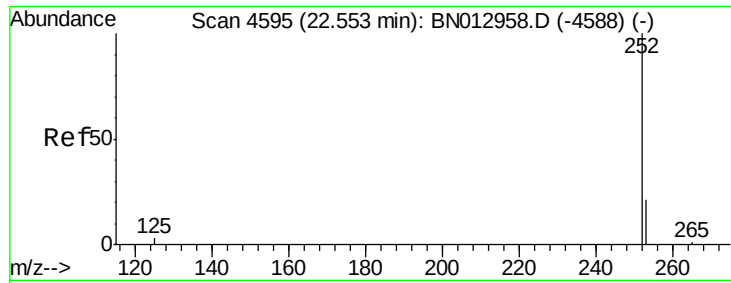
Delta R.T. -0.00 min

Lab File: BN012961.D

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Tgt Ion:	252	Resp:	52637
Ion	Ratio	Lower	Upper
252	100		
253	23.3	0.0	59.6
125	10.7	0.0	26.0





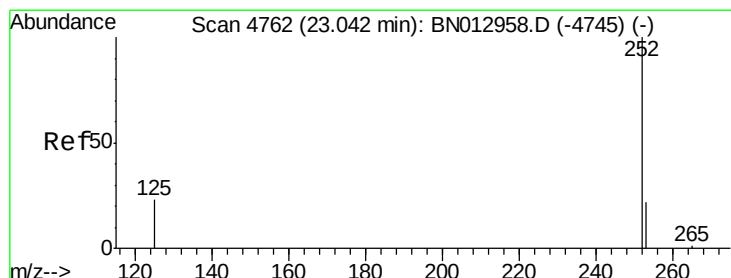
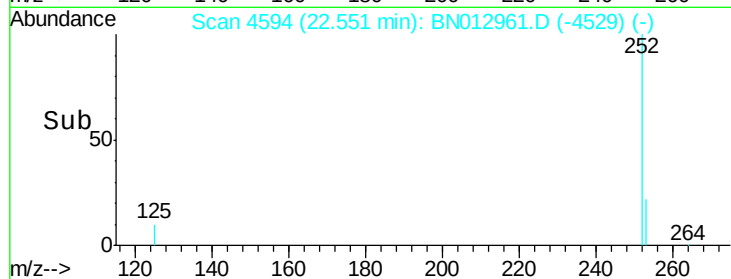
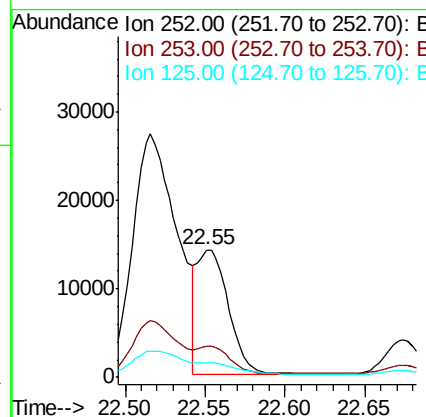
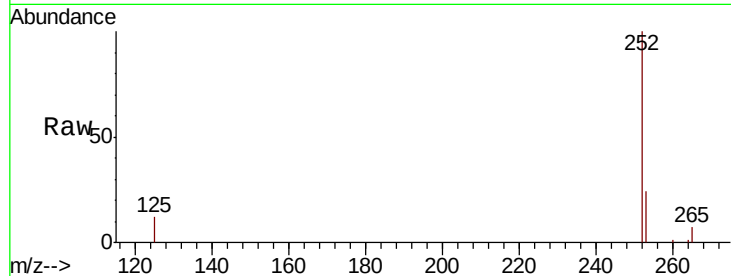
#22
Benzo(k)fluoranthene
Concen: 0.934 ng/ul m
RT: 22.55 min Scan# 4594
Delta R.T. -0.01 min
Lab File: BN012961.D
Acq: 08 Dec 2020 04:56

Instrument :
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ClientSampleId :
C0B56

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.5	23.4	35.2
125	11.6	11.1	16.7

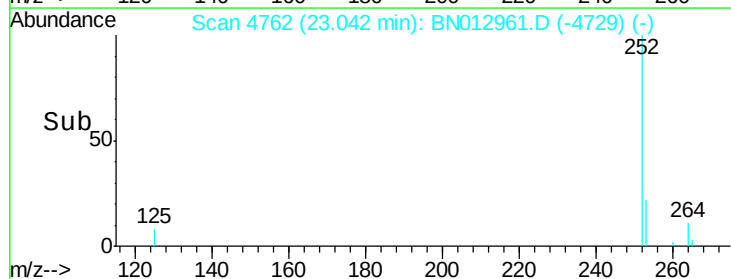
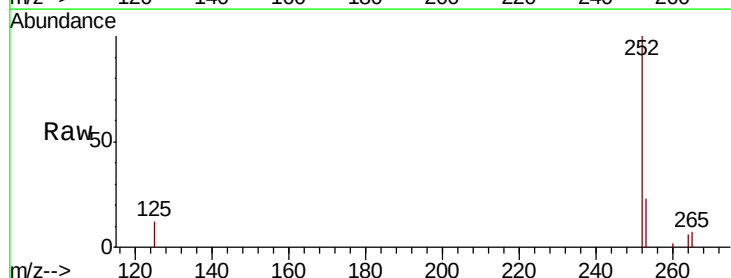
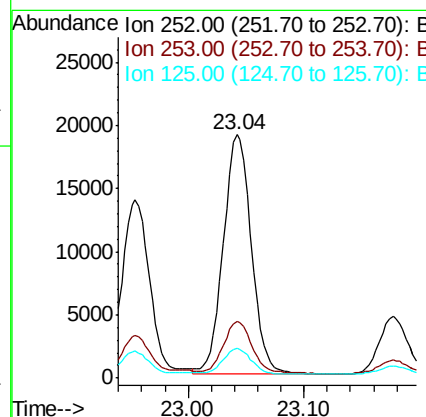
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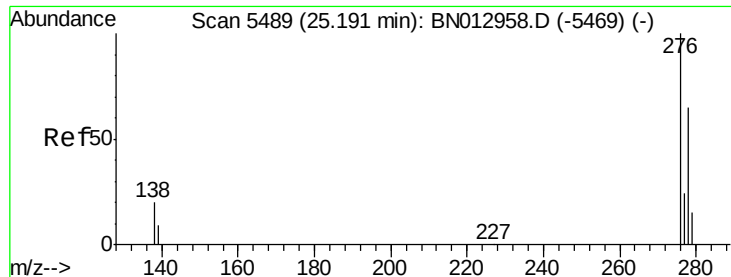
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#23
Benzo(a)pyrene
Concen: 1.850 ng/ul
RT: 23.04 min Scan# 4762
Delta R.T. -0.00 min
Lab File: BN012961.D
Acq: 08 Dec 2020 04:56

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.5	26.5	39.7#
125	12.1	14.2	21.2#





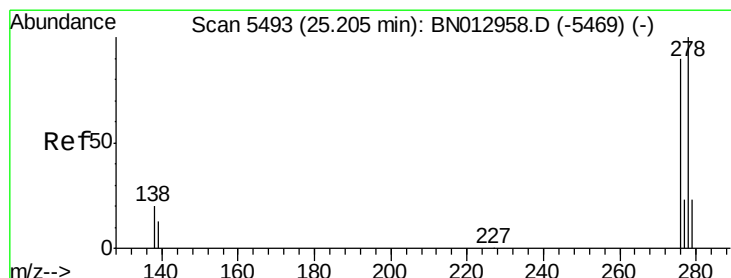
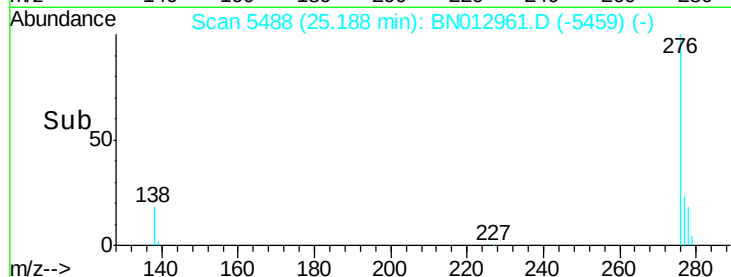
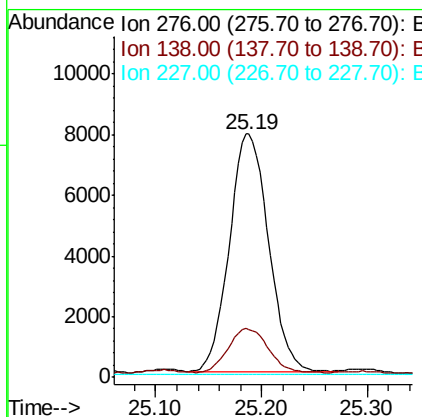
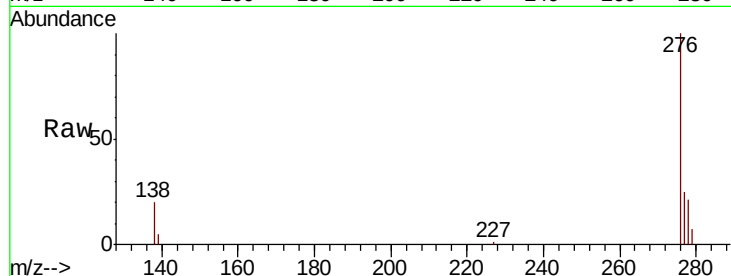
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.888 ng/ul
 RT: 25.19 min Scan# 5489
 Delta R.T. -0.00 min
 Lab File: BN012961.D
 Acq: 08 Dec 2020 04:56

Instrument :
 BNA_N
 ClientSampled :
 C0B56

Tot Ion	Ratio	Lower	Upper
276	100		
138	19.1	16.2	24.2
227	0.0	0.0	0.0

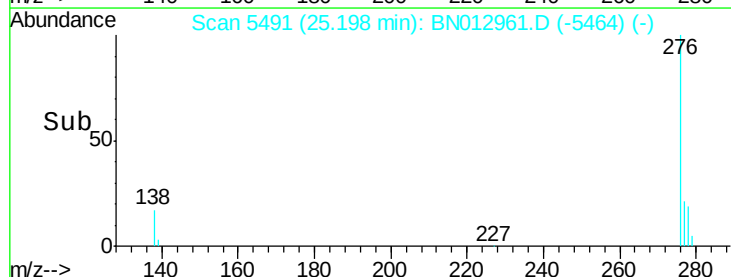
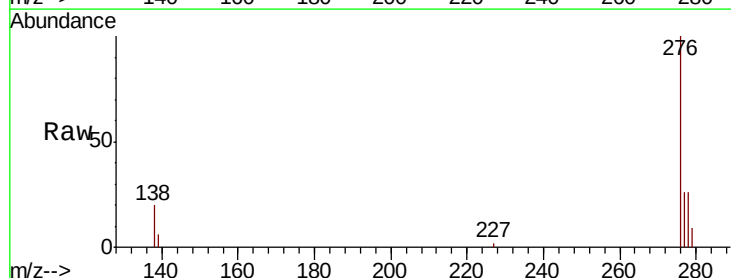
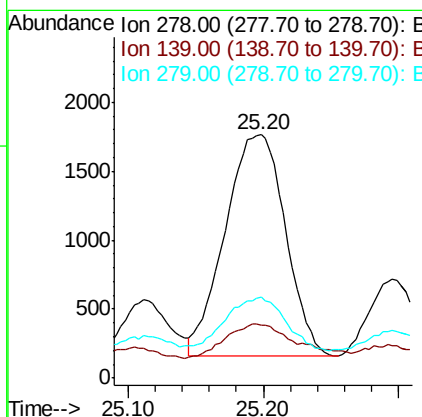
Manual Integrations
 APPROVED

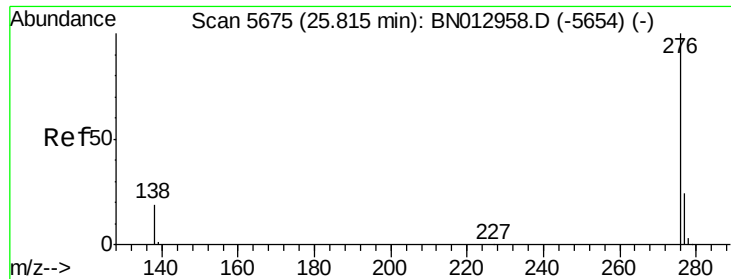
mohammad
 12/9/2020 12:23:22 PM



#25
 Dibenzo(a,h)anthracene
 Concen: 0.280 ng/ul
 RT: 25.20 min Scan# 5491
 Delta R.T. -0.01 min
 Lab File: BN012961.D
 Acq: 08 Dec 2020 04:56

Tgt Ion	Ratio	Lower	Upper
278	100		
139	21.7	14.5	21.7
279	33.5	26.3	39.5





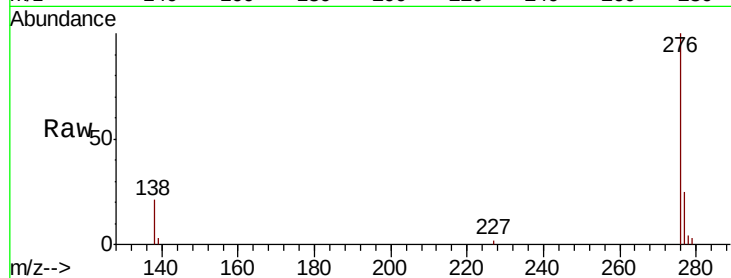
#26
 Benzo(a,h,i)perylene
 Concen: 0.833 ng/ul
 RT: 25.82 min Scan# 5675
 Delta R.T. -0.01 min
 Lab File: BN012961.D
 Acq: 08 Dec 2020 04:56

Instrument :
 BNA_N
 ClientSampleId :
 C0B56

Tot Ion:	276	Resp:	16986
Ion Ratio	Lower	Upper	
276	100		
138	20.6	16.3	24.5
277	25.1	21.8	32.6

Manual Integrations
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mohammad
 12/9/2020 12:23:22 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

