

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120720\
 Data File : BN012973.D
 Acq On : 08 Dec 2020 13:39
 Operator : CG/JU
 Sample : L4859-04
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0B94

Manual Integrations
 APPROVED

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Quant Time: Dec 08 14:24:18 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	997	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.14	136	4079	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.05	164	2247	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.81	188	4813	0.40	ng/ul	0.00
16) Chrysene-d12	21.03	240	4260	0.40	ng/ul	0.00
20) Perylene-d12	23.14	264	3950	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.75	152	1495	0.25	ng/ul	-0.01
14) Fluoranthene-d10	18.85	212	3654	0.28	ng/ul	0.00
Target Compounds					Ovalue	
3) Naphthalene	10.19	128	922	0.078	ng/ul#	94
5) 2-Methylnaphthalene	11.82	142	486	0.063	ng/ul	99
7) Acenaphthylene	13.76	152	3411	0.321	ng/ul	97
8) Acenaphthene	14.11	153	1767	0.203	ng/ul	99
9) Fluorene	15.11	166	2243	0.224	ng/ul	97
12) Phenanthrene	16.85	178	61609	3.818	ng/ul	96
13) Anthracene	16.94	178	13779	1.003	ng/ul	95
15) Fluoranthene	18.88	202	201967	10.532	ng/ul	96
17) Pyrene	19.25	202	174647	8.680	ng/ul	98
18) Benzo(a)anthracene	21.02	228	106479	6.041	ng/ul	99
19) Chrysene	21.07	228	109135	5.604	ng/ul	98
21) Benzo(b)fluoranthene	22.52	252	144256m	7.894	ng/ul	
22) Benzo(k)fluoranthene	22.56	252	53192m	2.633	ng/ul	
23) Benzo(a)pyrene	23.05	252	92976m	5.483	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.19	276	61204	2.748	ng/ul#	97
25) Dibenzo(a,h)anthracene	25.20	278	15141	0.859	ng/ul	96
26) Benzo(a,h,i)perylene	25.82	276	51710	2.567	ng/ul	97

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

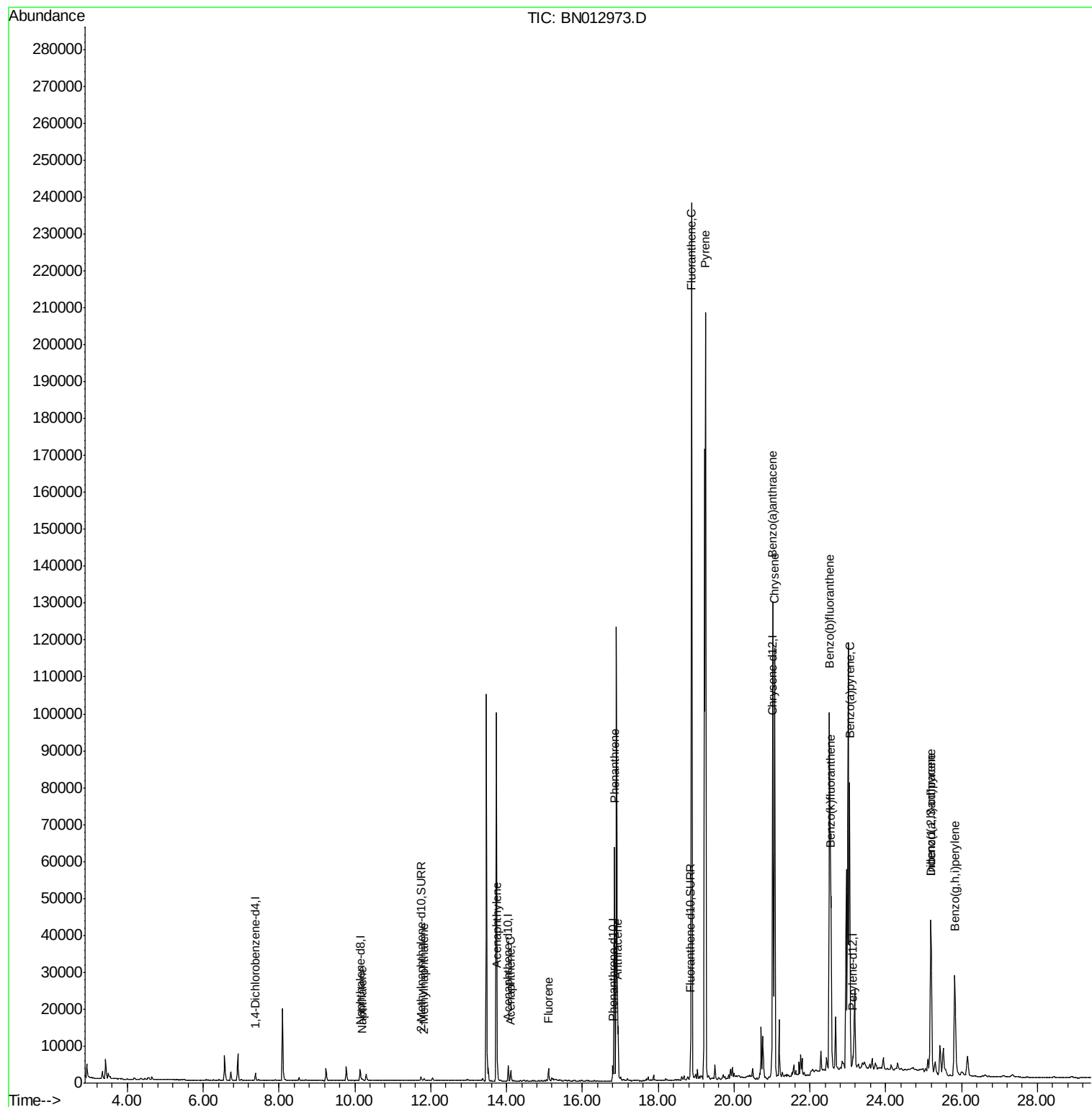
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120720\
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ALS Vial : 43 Sample Multiplier: 1

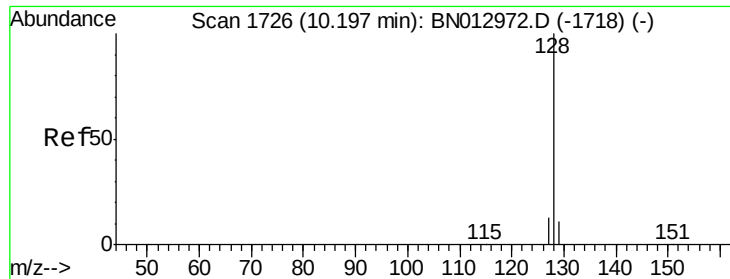
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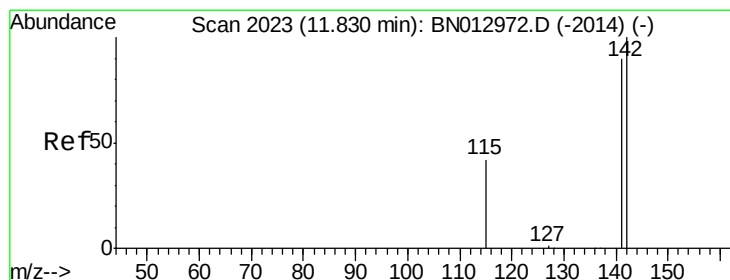
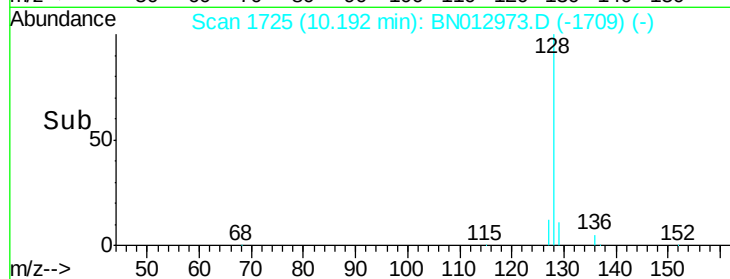
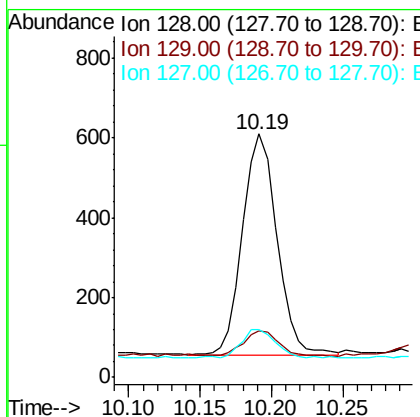
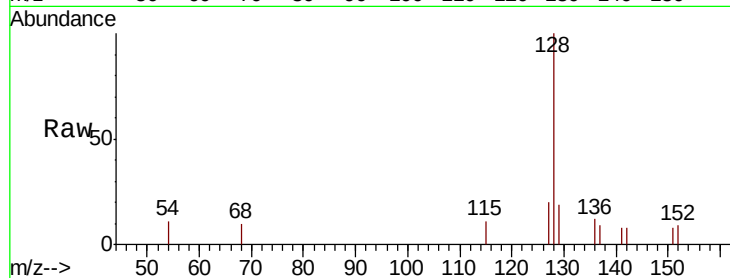
#3
Naphthalene
Concen: 0.078 ng/ul
RT: 10.19 min Scan# 1725
Delta R.T. -0.01 min
Lab File: BN012973.D
Acq: 08 Dec 2020 13:39

Instrument :
BNA_N
ClientSampleId :
C0B94

Tot Ion	Ratio	Lower	Upper
128	100		
129	19.0	12.3	18.5#
127	19.5	14.2	21.4

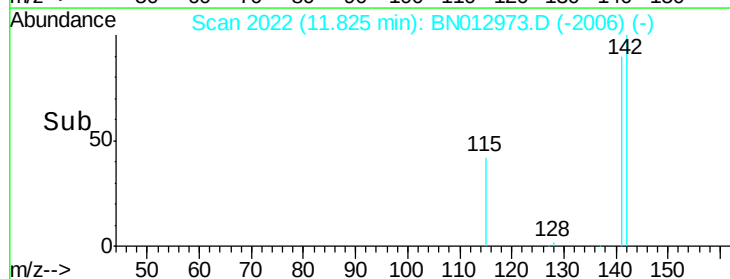
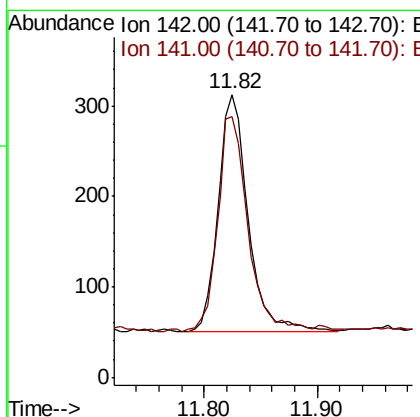
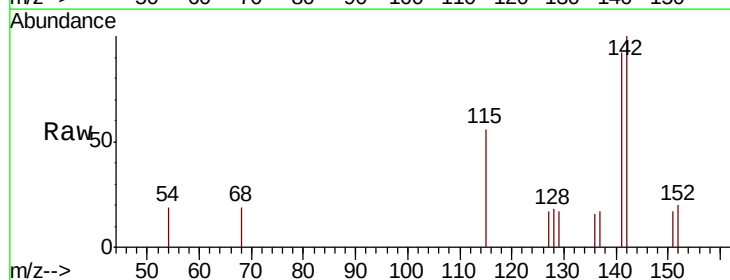
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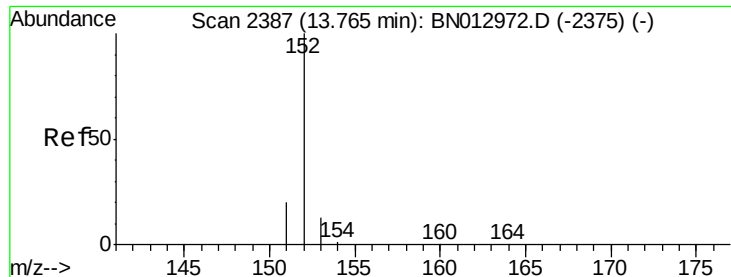
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#5
2-Methylnaphthalene
Concen: 0.063 ng/ul
RT: 11.82 min Scan# 2022
Delta R.T. -0.01 min
Lab File: BN012973.D
Acq: 08 Dec 2020 13:39

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.7	73.0	109.6





#7

Acenaphthylene

Concen: 0.321 ng/ul

RT: 13.76 min Scan# 2386

Delta R.T. -0.01 min

Lab File: BN012973.D

Acq: 08 Dec 2020 13:39

Instrument :

BNA_N

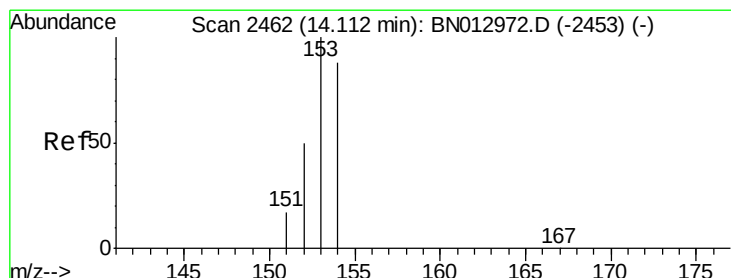
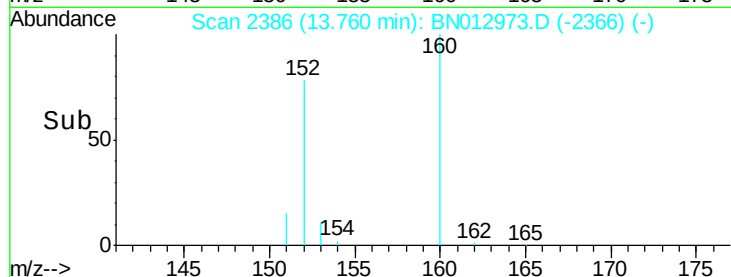
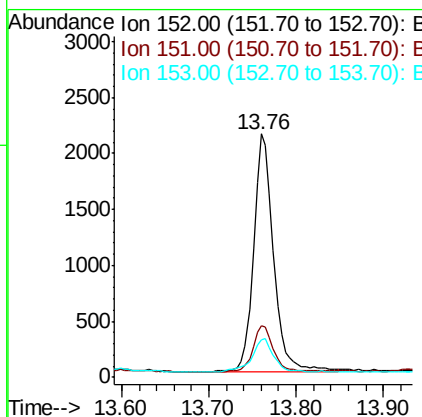
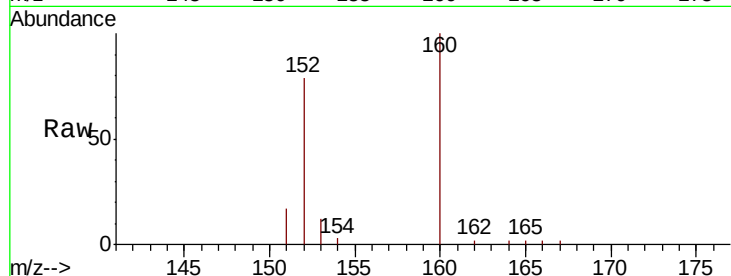
ClientSampleId :

C0B94

Tot Ion:	152	Resp:	3411
Ion Ratio	Lower	Upper	
152	100		
151	21.4	18.2	27.4
153	15.5	13.1	19.7

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#8

Acenaphthene

Concen: 0.203 ng/ul

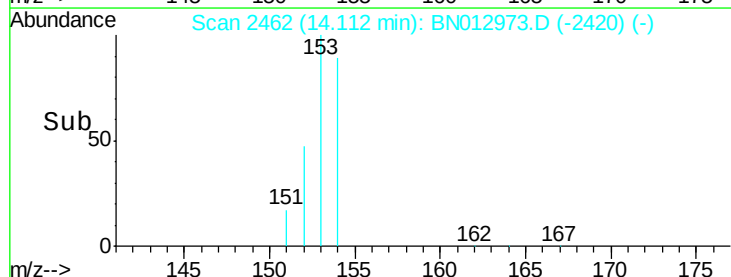
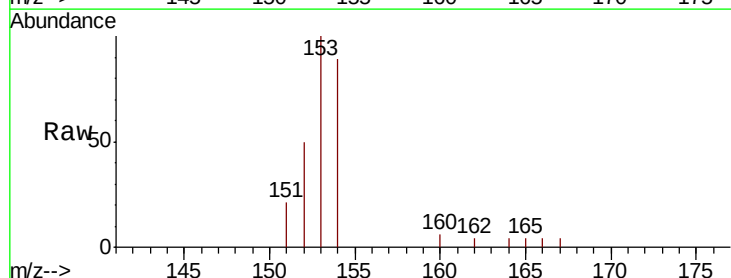
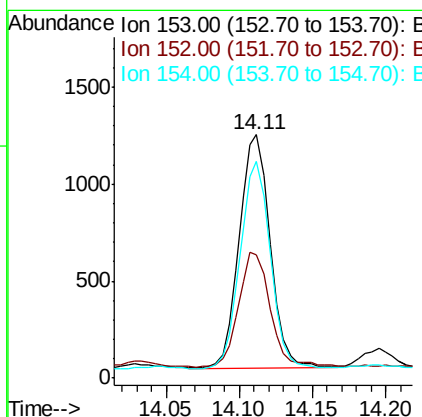
RT: 14.11 min Scan# 2462

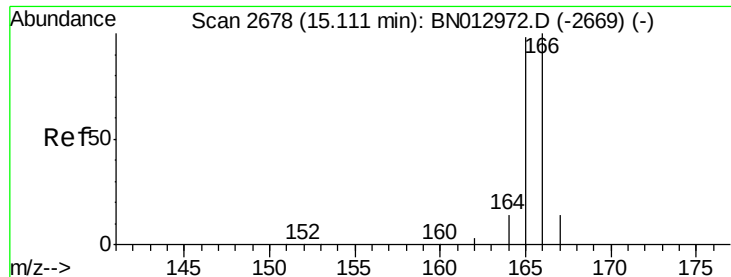
Delta R.T. -0.00 min

Lab File: BN012973.D

Acq: 08 Dec 2020 13:39

Tgt Ion:	153	Resp:	1767
Ion Ratio	Lower	Upper	
153	100		
152	50.4	40.7	61.1
154	89.2	70.8	106.2





#9

Fluorene

Concen: 0.224 ng/ul

RT: 15.11 min Scan# 2678

Delta R.T. -0.00 min

Lab File: BN012973.D

Acq: 08 Dec 2020 13:39

Instrument :

BNA_N

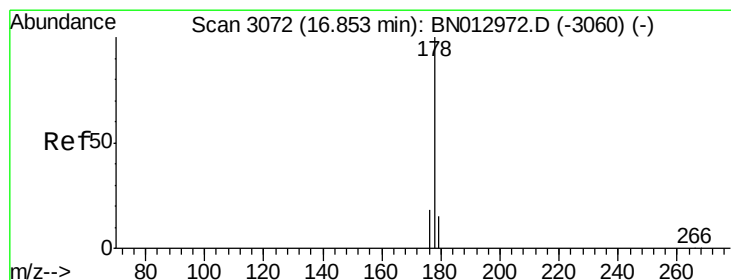
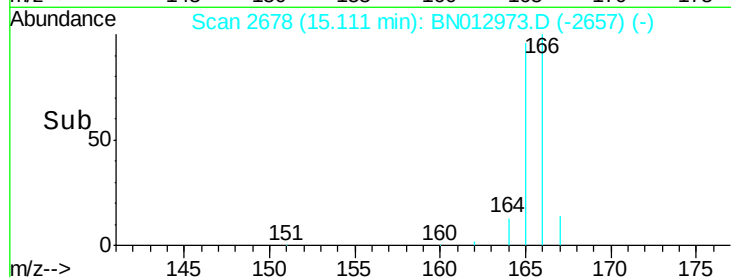
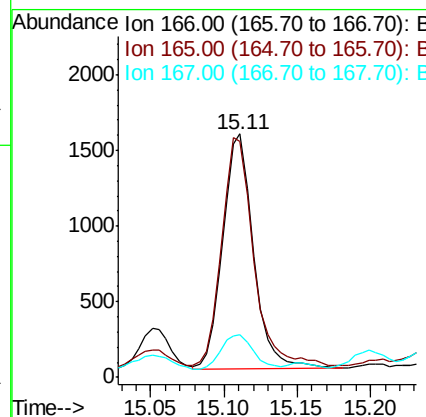
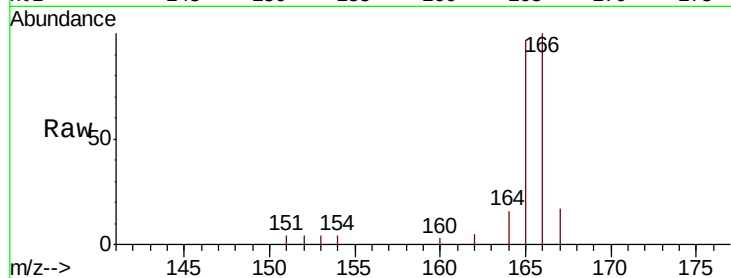
ClientSampleId :

C0B94

Tot Ion:	166	Resp:	2243
Ion Ratio	Lower	Upper	
166	100		
165	96.8	79.8	119.8
167	17.3	13.8	20.8

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#12

Phenanthrene

Concen: 3.818 ng/ul

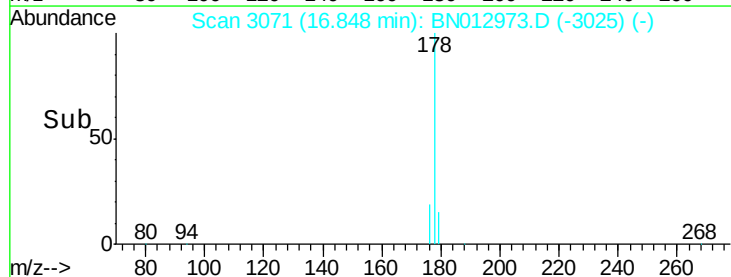
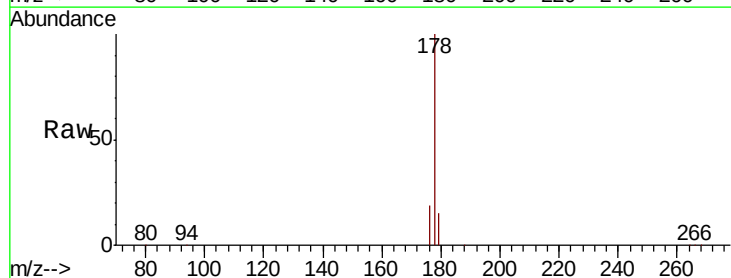
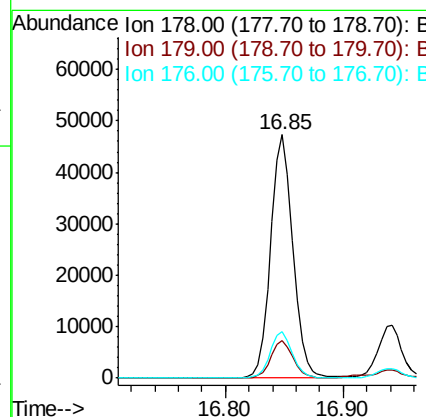
RT: 16.85 min Scan# 3071

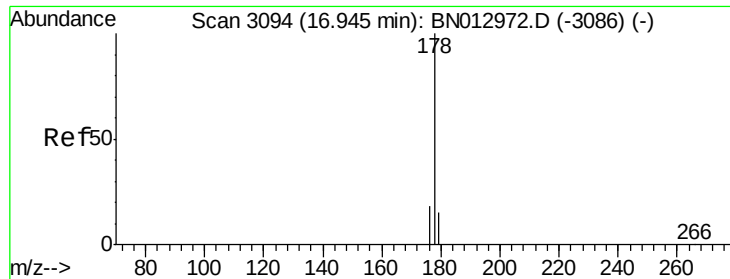
Delta R.T. -0.00 min

Lab File: BN012973.D

Acq: 08 Dec 2020 13:39

Tgt Ion:	178	Resp:	61609
Ion Ratio	Lower	Upper	
178	100		
179	15.3	13.6	20.4
176	18.9	16.4	24.6





#13

Anthracene

Concen: 1.003 ng/ul

RT: 16.94 min Scan# 3093

Delta R.T. -0.00 min

Lab File: BN012973.D

Acq: 08 Dec 2020 13:39

Instrument :

BNA_N

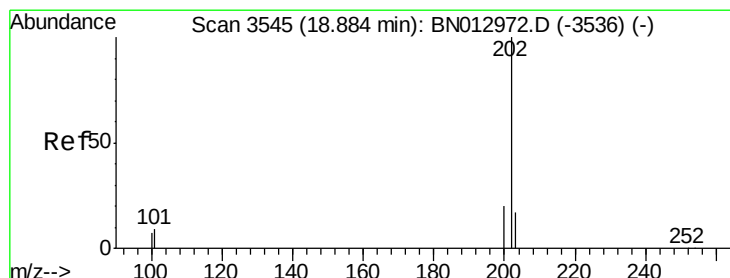
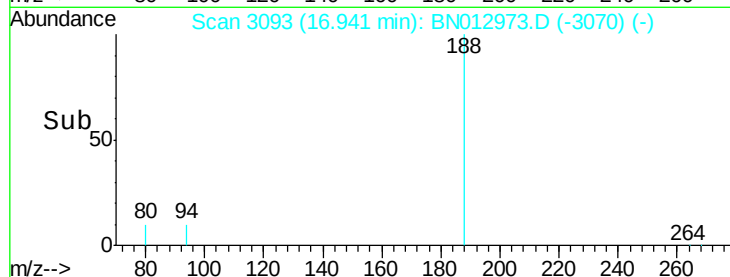
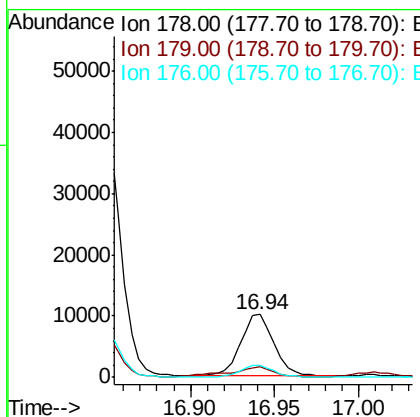
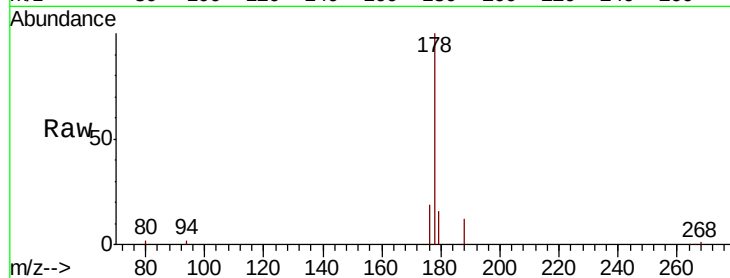
ClientSampleId :

C0B94

Tot Ion:	178	Resp:	13779
Ion Ratio	Lower	Upper	
178	100		
179	16.3	14.6	21.8
176	18.6	17.1	25.7

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#15

Fluoranthene

Concen: 10.532 ng/ul

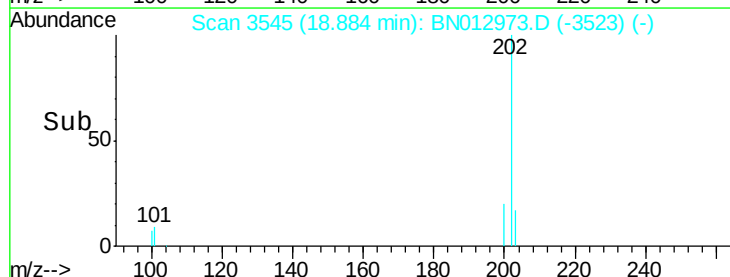
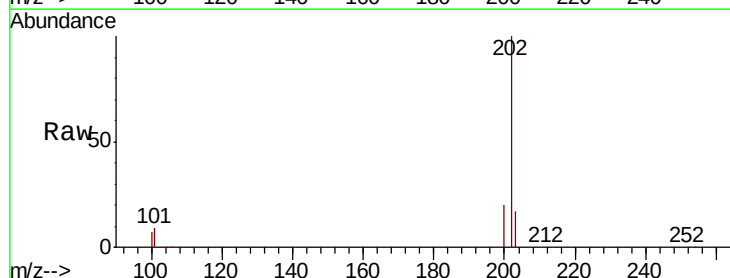
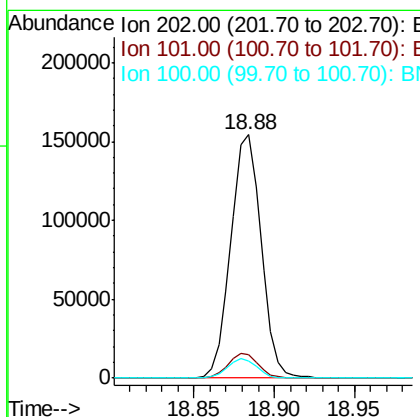
RT: 18.88 min Scan# 3545

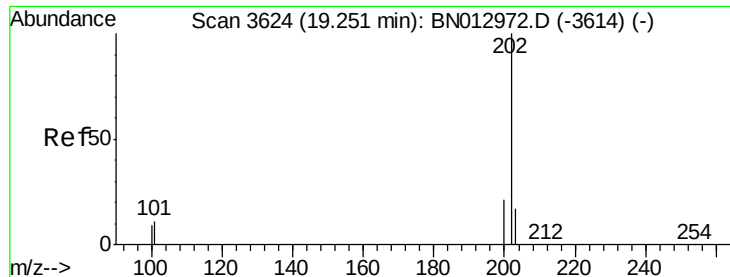
Delta R.T. 0.00 min

Lab File: BN012973.D

Acq: 08 Dec 2020 13:39

Tgt Ion:	202	Resp:	201967
Ion Ratio	Lower	Upper	
202	100		
101	9.4	0.0	30.6
100	7.2	0.0	28.7





#17

Pvrene

Concen: 8.680 ng/ul

RT: 19.25 min Scan# 3624

Delta R.T. 0.00 min

Lab File: BN012973.D

Acq: 08 Dec 2020 13:39

Instrument :

BNA_N

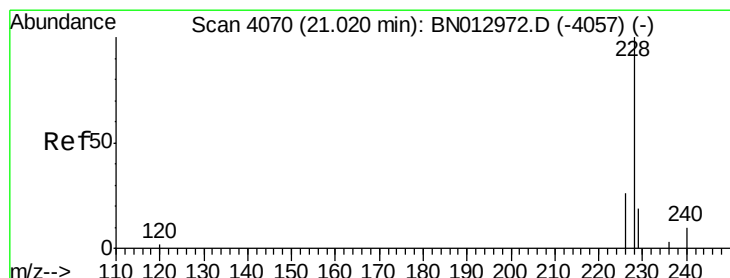
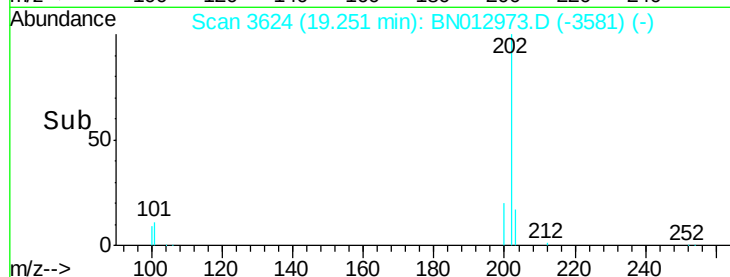
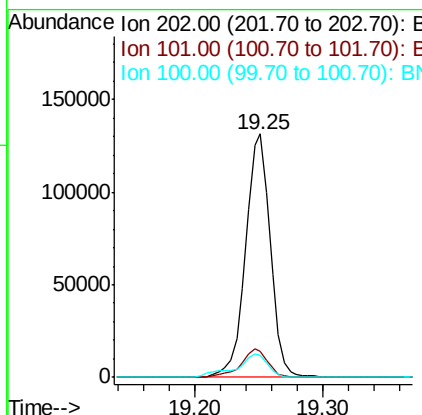
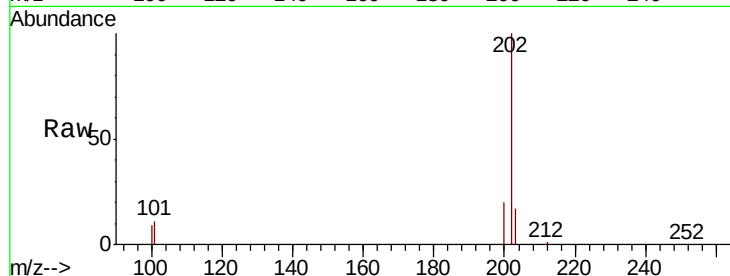
ClientSampleId :

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Tot Ion:	202	Resp:	174647
Ion Ratio	Lower	Upper	
202	100		
101	10.7	9.1	13.7
100	8.9	7.5	11.3

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#18

Benzo(a)anthracene

Concen: 6.041 ng/ul

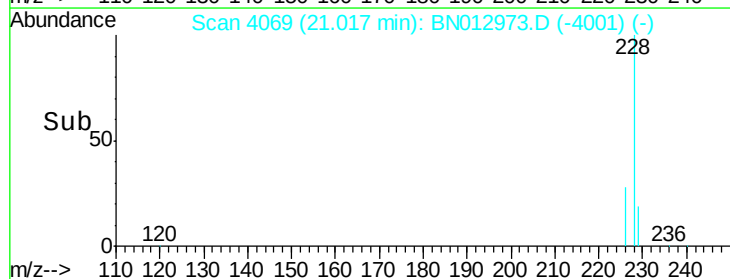
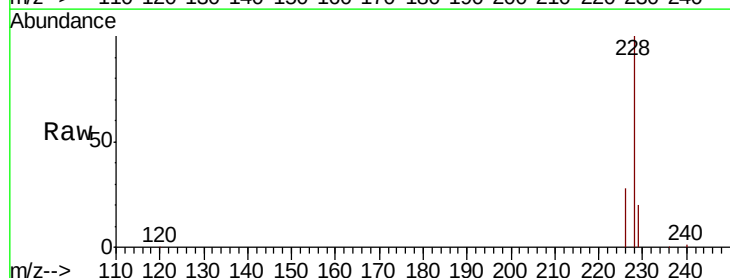
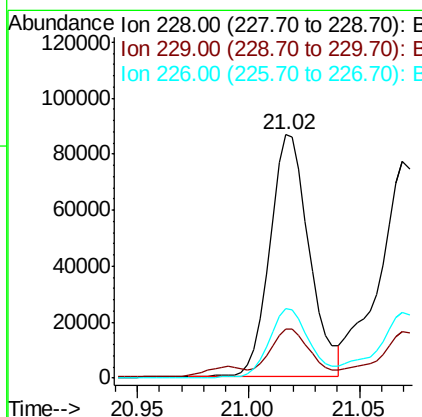
RT: 21.02 min Scan# 4069

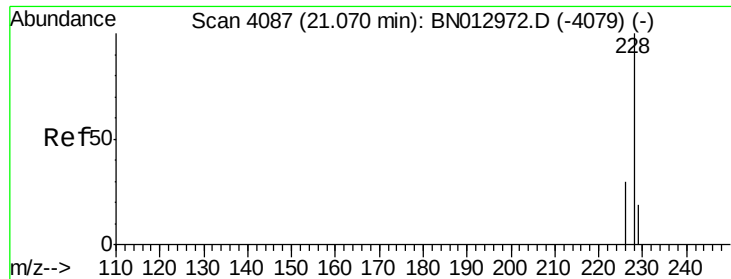
Delta R.T. -0.00 min

Lab File: BN012973.D

Acq: 08 Dec 2020 13:39

Tgt Ion:	228	Resp:	106479
Ion Ratio	Lower	Upper	
228	100		
229	20.1	16.3	24.5
226	28.4	23.4	35.2





#19

Chrysene

Concen: 5.604 ng/ul

RT: 21.07 min Scan# 4087

Delta R.T. -0.00 min

Lab File: BN012973.D

Acq: 08 Dec 2020 13:39

Instrument :

BNA_N

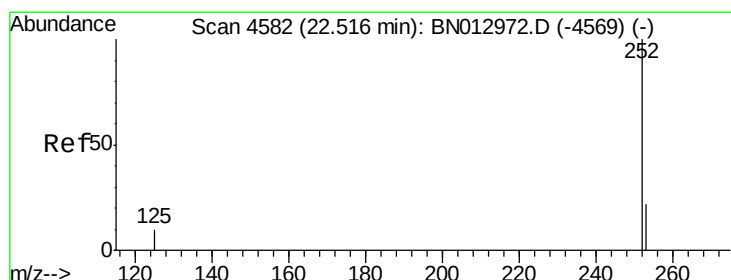
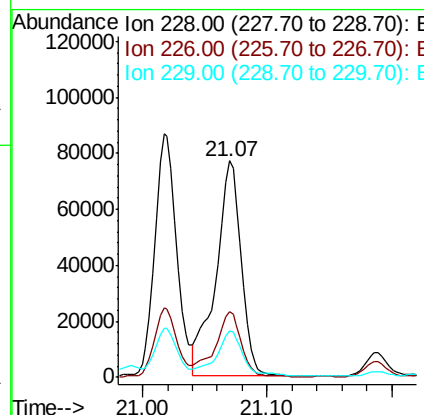
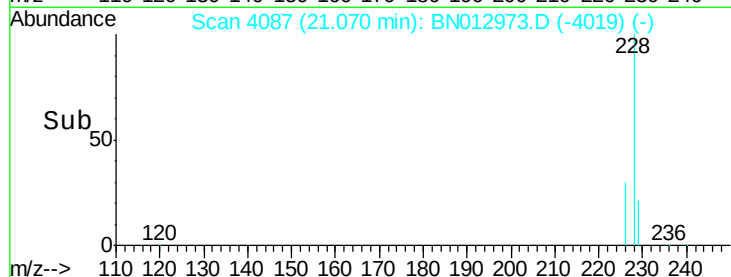
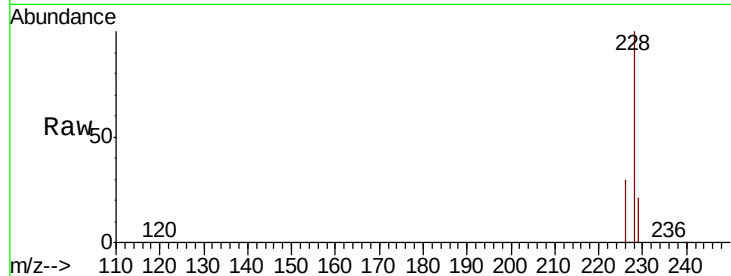
ClientSampleId :

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Tot Ion:	228	Resp:	109135
Ion Ratio	Lower	Upper	
228	100		
226	30.3	25.0	37.6
229	21.2	16.4	24.6

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#21

Benzo(b)fluoranthene

Concen: 7.894 ng/ul m

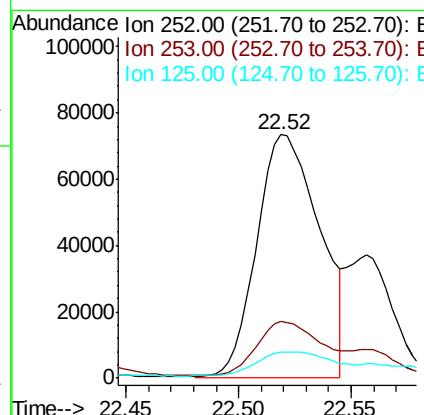
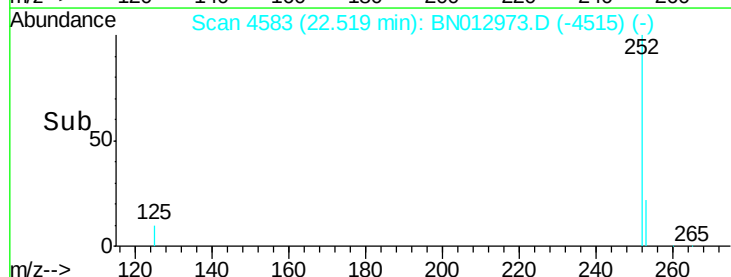
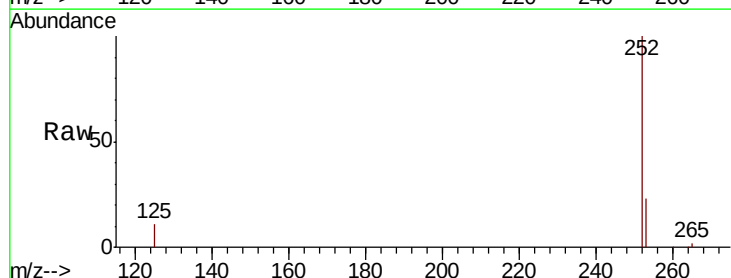
RT: 22.52 min Scan# 4583

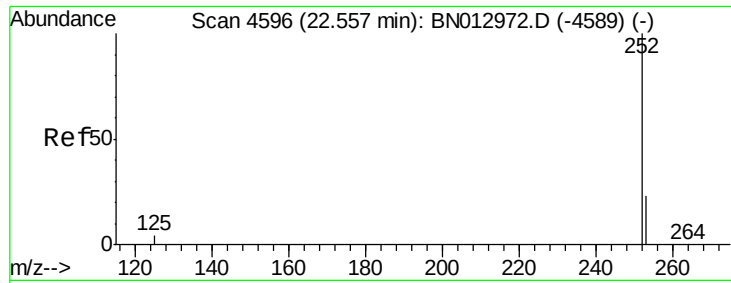
Delta R.T. 0.00 min

Lab File: BN012973.D

Acq: 08 Dec 2020 13:39

Tgt Ion:	252	Resp:	144256
Ion Ratio	Lower	Upper	
252	100		
253	23.4	0.0	59.6
125	10.8	0.0	26.0





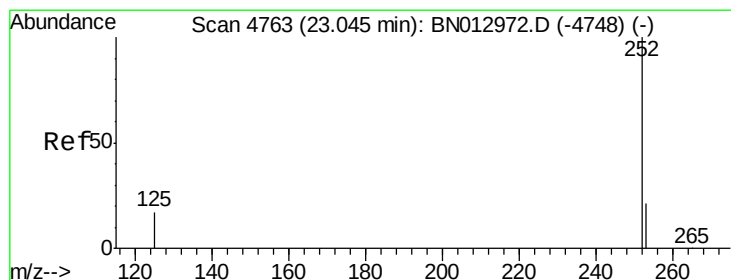
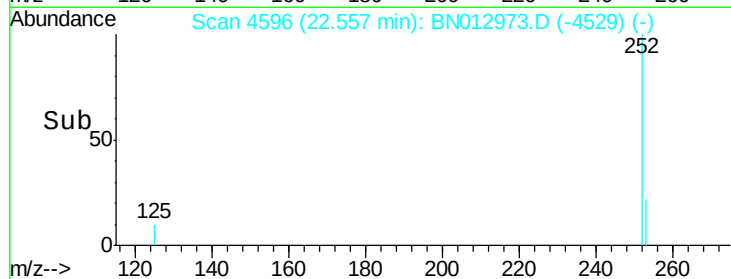
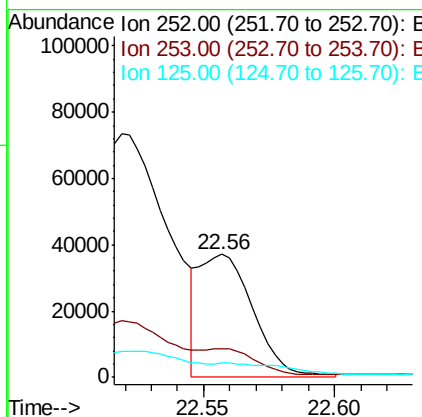
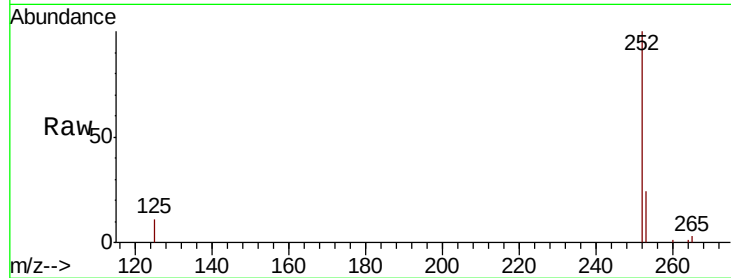
#22
Benzo(k)fluoranthene
Concen: 2.633 ng/ul m
RT: 22.56 min Scan# 4596
Delta R.T. -0.00 min
Lab File: BN012973.D
Acq: 08 Dec 2020 13:39

Instrument :
BNA_N
ClientSampled :
C0B94

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.7	23.4	35.2
125	11.3	11.1	16.7

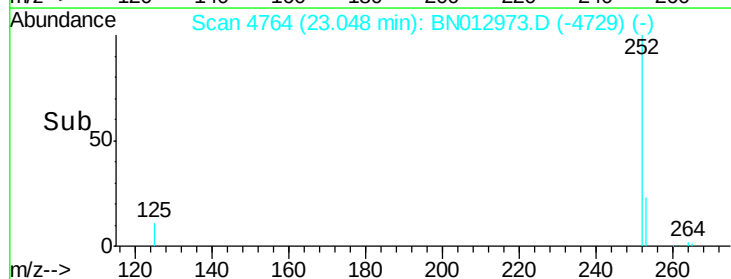
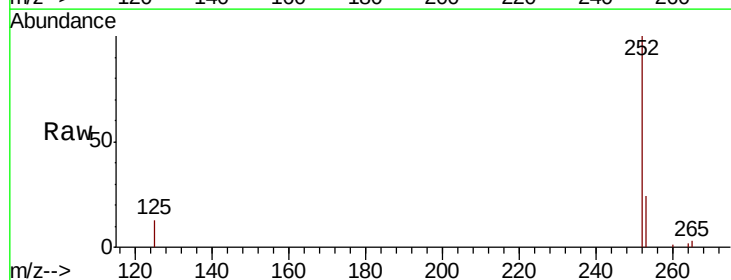
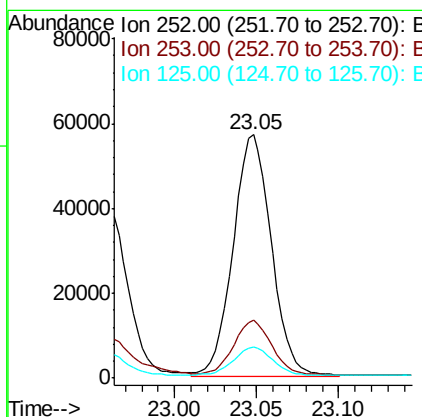
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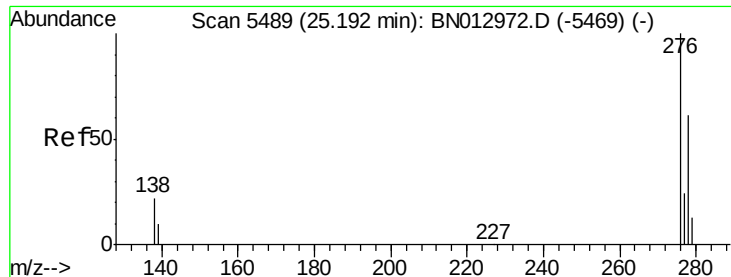
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#23
Benzo(a)pyrene
Concen: 5.483 ng/ul m
RT: 23.05 min Scan# 4764
Delta R.T. 0.00 min
Lab File: BN012973.D
Acq: 08 Dec 2020 13:39

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.6	26.5	39.7#
125	12.7	14.2	21.2#





#24

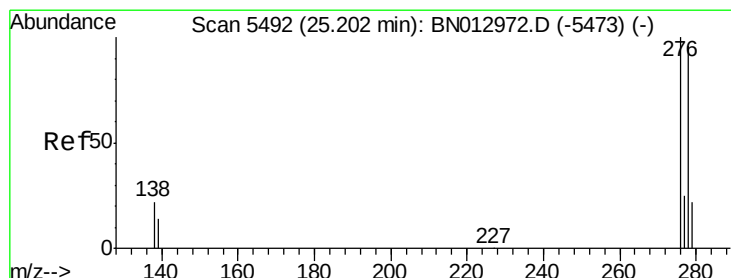
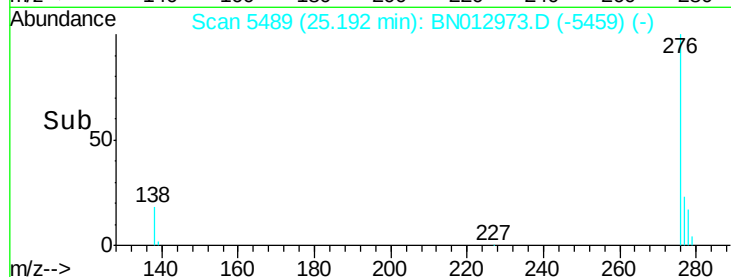
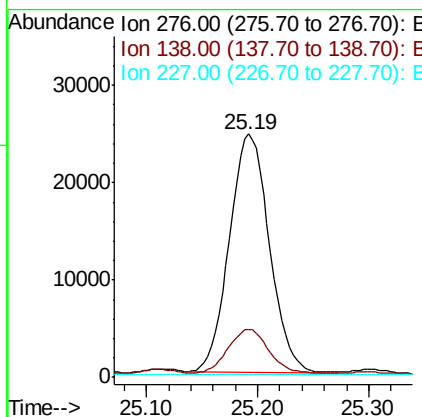
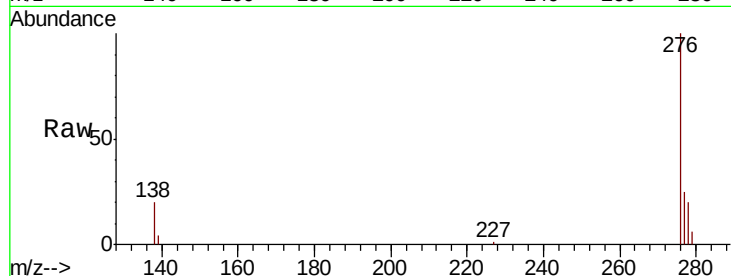
Indeno(1,2,3-cd)pyrene
Concen: 2.748 ng/ul
RT: 25.19 min Scan# 5489
Delta R.T. 0.00 min
Lab File: BN012973.D
Acq: 08 Dec 2020 13:39

Instrument :
BNA_N
ClientSampleId :
C0B94

Tot Ion	Ratio	Lower	Upper
276	100		
138	18.7	16.2	24.2
227	0.0	0.0	0.0

Manual Integrations
APPROVED

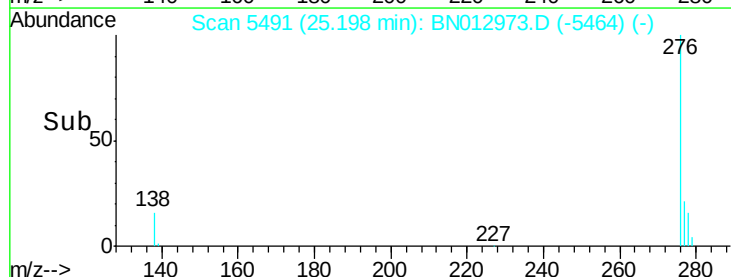
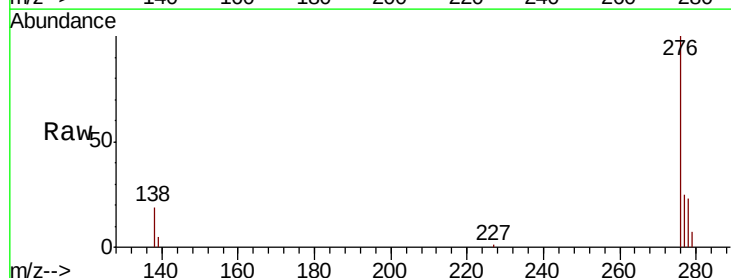
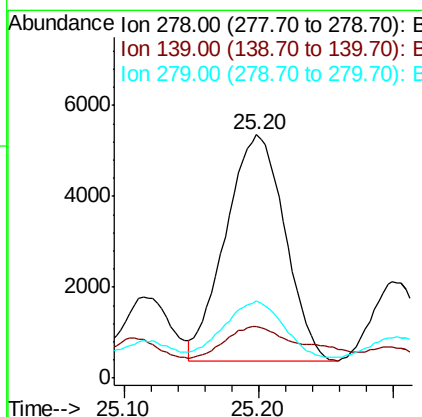
mohammad
12/9/2020 12:24:46 PM

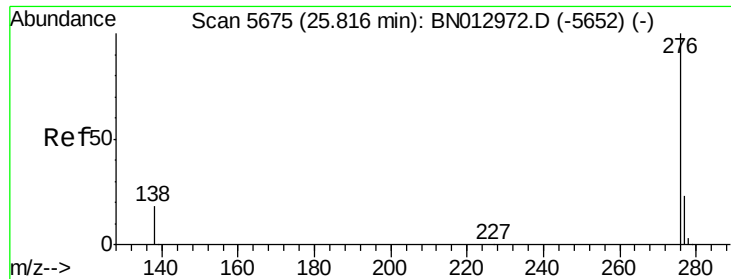


#25

Dibenzo(a,h)anthracene
Concen: 0.859 ng/ul
RT: 25.20 min Scan# 5491
Delta R.T. -0.01 min
Lab File: BN012973.D
Acq: 08 Dec 2020 13:39

Tgt Ion	Ratio	Lower	Upper
278	100		
139	21.2	14.5	21.7
279	31.5	26.3	39.5





#26

Benzo(a,h,i)perylene

Concen: 2.567 ng/ul

RT: 25.82 min Scan# 5677

Delta R.T. 0.00 min

Lab File: BN012973.D

Acq: 08 Dec 2020 13:39

Instrument :

BNA_N

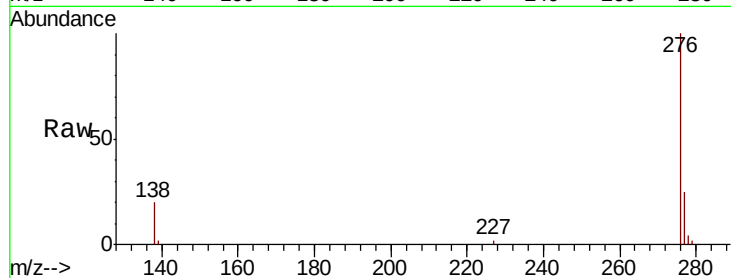
ClientSampleId :

C0B94

Tot Ion:	276	Resp:	51710
Ion Ratio	Lower	Upper	
276	100		
138	20.2	16.3	24.5
277	24.8	21.8	32.6

Manual Integrations
APPROVED

mohammad
12/9/2020 12:24:46 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

