

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120720\
 Data File : BN012999.D
 Acq On : 09 Dec 2020 06:30
 Operator : CG/JU
 Sample : L4862-08
 Misc :
 ALS Vial : 69 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0B62

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Quant Time: Dec 09 09:08:40 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 : Wed Dec 09 07:33:34 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	919	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.14	136	3683	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.05	164	2226	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.81	188	4894m	0.40	ng/ul	0.00
16) Chrysene-d12	21.03	240	4295	0.40	ng/ul	0.00
20) Perylene-d12	23.13	264	3408	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.75	152	2585	0.47	ng/ul	-0.01
14) Fluoranthene-d10	18.85	212	6079	0.46	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.19	128	962	0.090	ng/ul#	93
5) 2-Methylnaphthalene	11.82	142	439	0.063	ng/ul	98
7) Acenaphthylene	13.76	152	6073	0.576	ng/ul	96
8) Acenaphthene	14.11	153	1036	0.120	ng/ul	97
9) Fluorene	15.11	166	2984	0.301	ng/ul	99
12) Phenanthrene	16.84	178	67734	4.128	ng/ul	97
13) Anthracene	16.94	178	12800	0.917	ng/ul	95
15) Fluoranthene	18.88	202	196610	10.083	ng/ul	97
17) Pyrene	19.25	202	153988	7.590	ng/ul	100
18) Benzo(a)anthracene	21.01	228	80673	4.540	ng/ul	99
19) Chrysene	21.06	228	97432	4.963	ng/ul	98
21) Benzo(b)fluoranthene	22.51	252	126420m	8.018	ng/ul	
22) Benzo(k)fluoranthene	22.55	252	49877m	2.862	ng/ul	
23) Benzo(a)pyrene	23.04	252	71483	4.886	ng/ul#	83
24) Indeno(1,2,3-cd)pyrene	25.18	276	50523	2.629	ng/ul#	98
25) Dibenzo(a,h)anthracene	25.18	278	12339	0.812	ng/ul	95
26) Benzo(a,h,i)perylene	25.81	276	47697	2.744	ng/ul	96

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

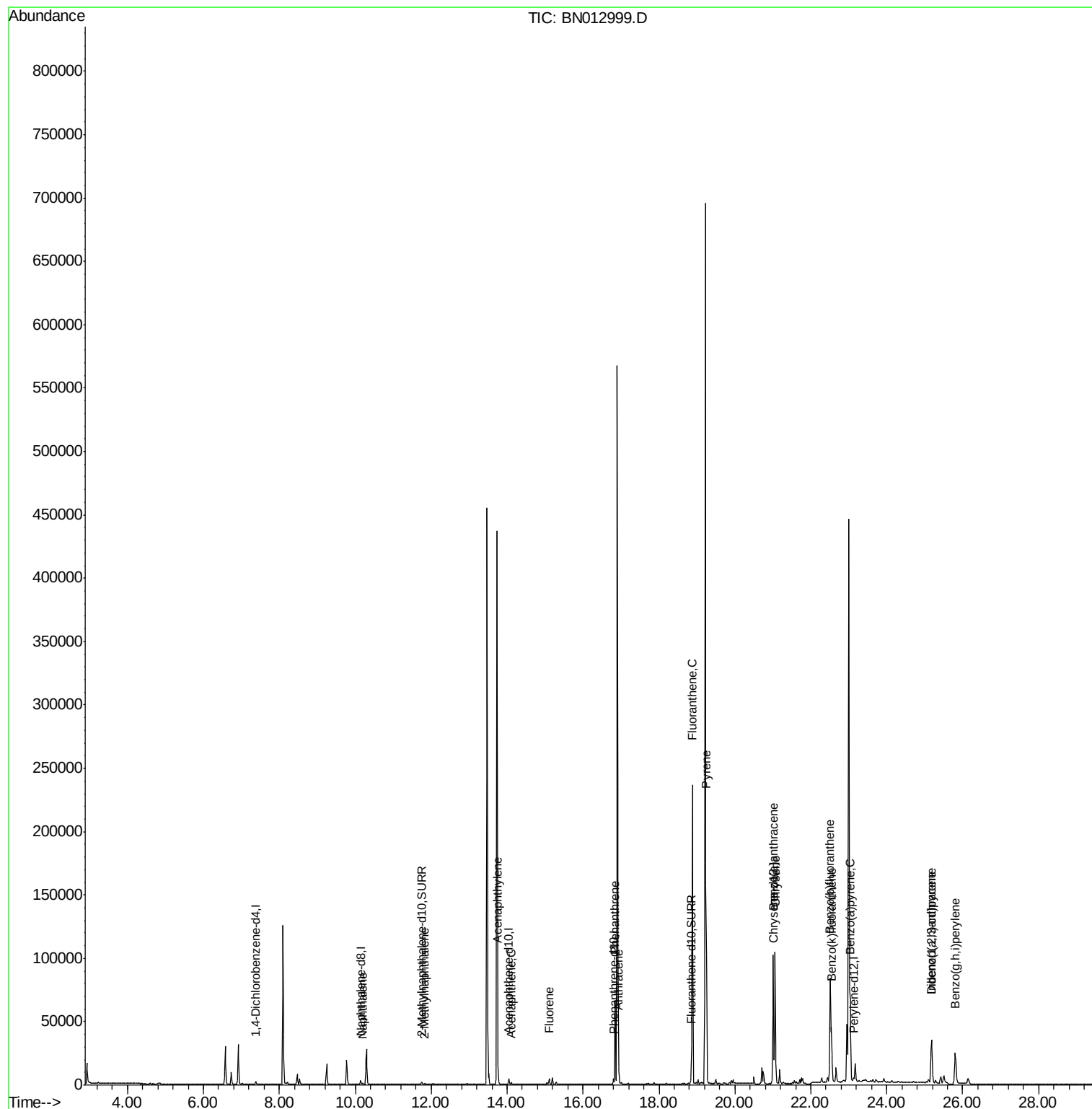
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120720\
Data File : BN012999.D
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ALS Vial : 69 Sample Multiplier: 1

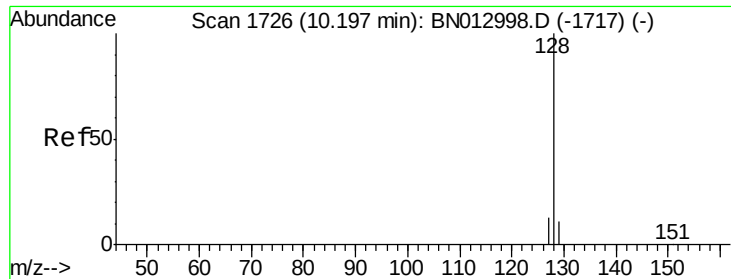
Instrument :
BNA_N
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C0B62

Quant Time: Dec 09 09:08:40 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 : Wed Dec 09 07:33:34 2020
Response via : Initial Calibration

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#3

Naphthalene

Concen: 0.090 ng/ul

RT: 10.19 min Scan# 1725

Delta R.T. -0.01 min

Lab File: BN012999.D

Acq: 09 Dec 2020 06:30

Instrument :

BNA_N

ClientSampleId :

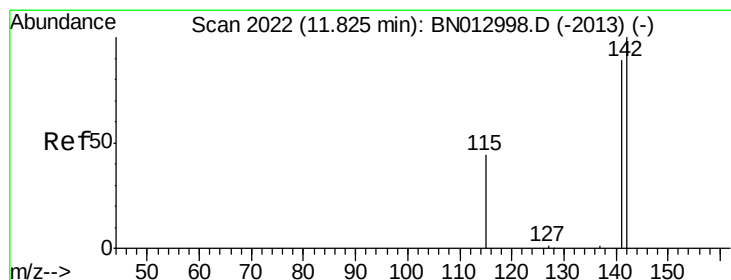
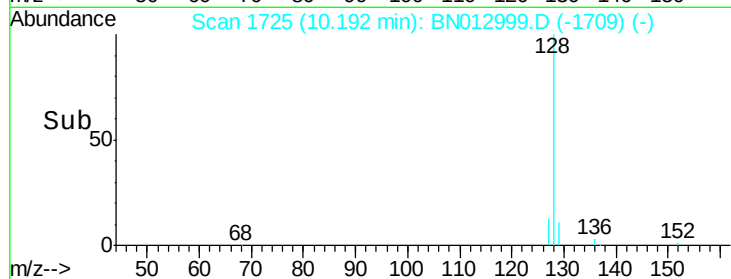
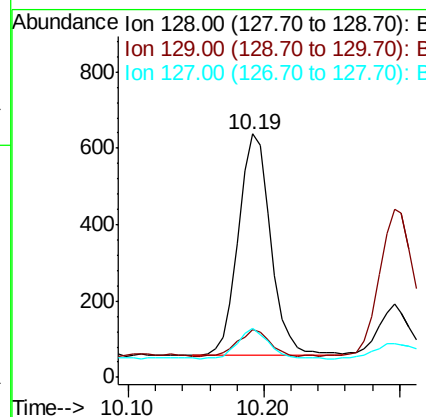
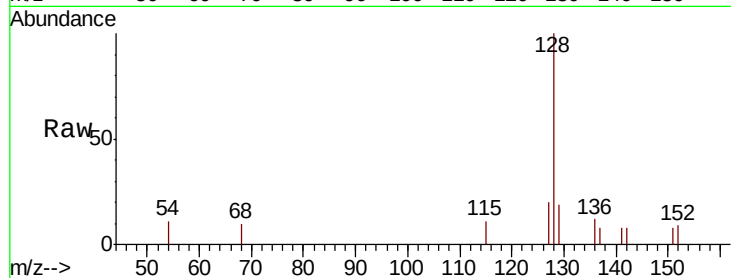
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Tot Ion:128 Resp: 962

Ion	Ratio	Lower	Upper
128	100		
129	19.4	12.3	18.5#
127	19.9	14.2	21.4

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#5

2-Methylnaphthalene

Concen: 0.063 ng/ul

RT: 11.82 min Scan# 2022

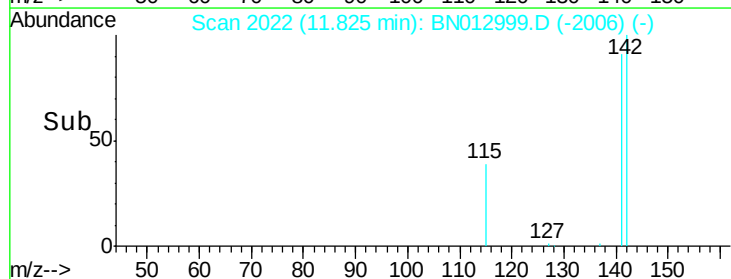
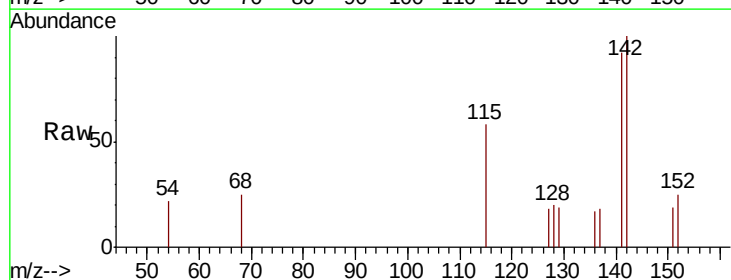
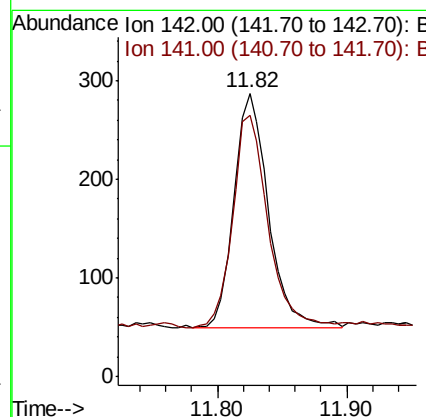
Delta R.T. -0.01 min

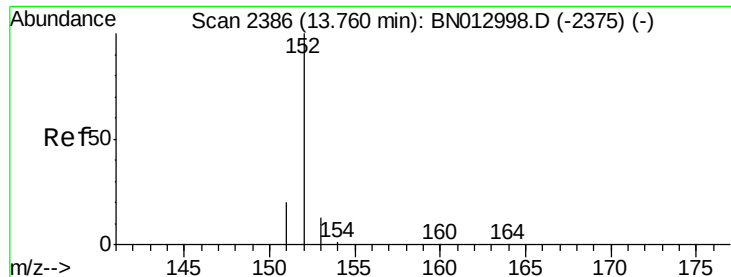
Lab File: BN012999.D

Acq: 09 Dec 2020 06:30

Tgt Ion:142 Resp: 439

Ion	Ratio	Lower	Upper
142	100		
141	93.6	73.0	109.6





#7

Acenaphthylene

Concen: 0.576 ng/ul

RT: 13.76 min Scan# 2386

Delta R.T. -0.01 min

Lab File: BN012999.D

Acq: 09 Dec 2020 06:30

Instrument :

BNA_N

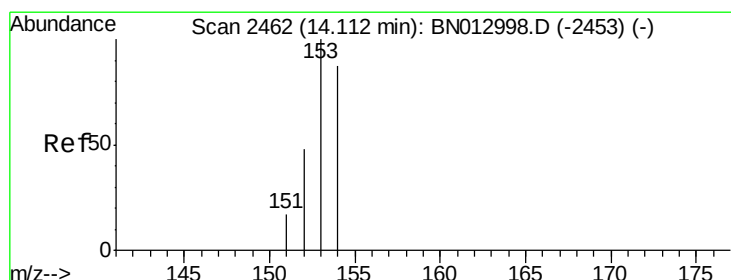
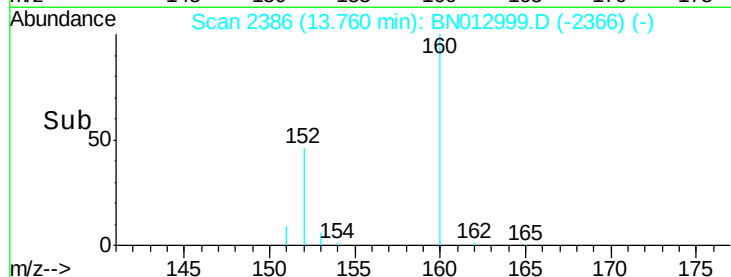
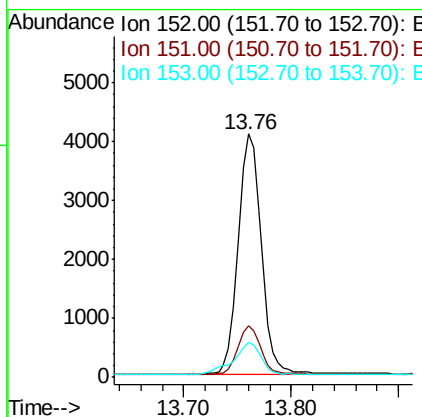
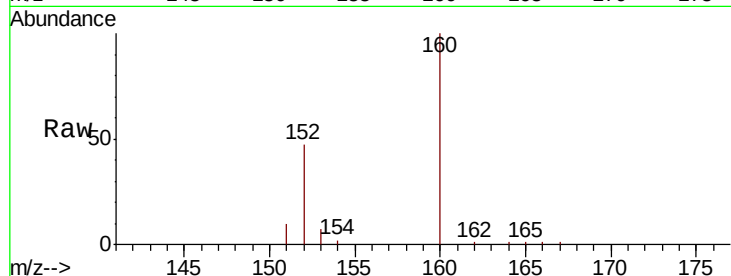
ClientSampleId :

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Tot Ion:	152	Resp:	6073
Ion Ratio	Lower	Upper	
152	100		
151	21.0	18.2	27.4
153	14.4	13.1	19.7

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#8

Acenaphthene

Concen: 0.120 ng/ul

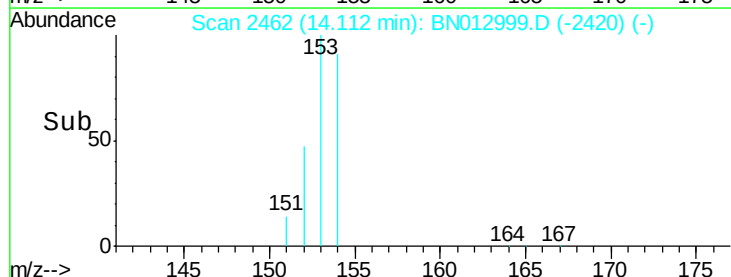
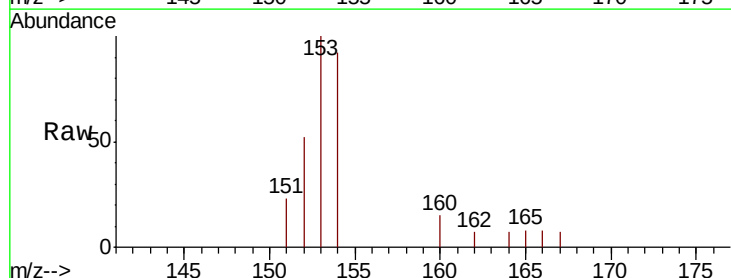
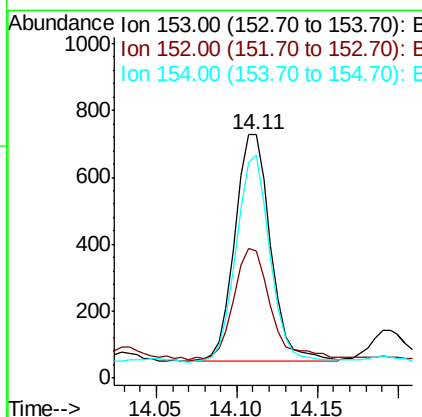
RT: 14.11 min Scan# 2462

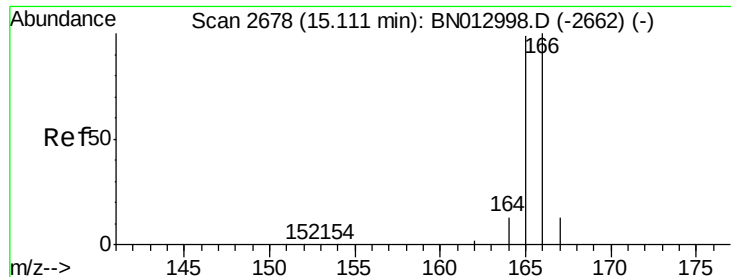
Delta R.T. -0.00 min

Lab File: BN012999.D

Acq: 09 Dec 2020 06:30

Tgt Ion:	153	Resp:	1036
Ion Ratio	Lower	Upper	
153	100		
152	52.3	40.7	61.1
154	91.6	70.8	106.2





#9

Fluorene

Concen: 0.301 ng/ul

RT: 15.11 min Scan# 2677

Delta R.T. -0.01 min

Lab File: BN012999.D

Acq: 09 Dec 2020 06:30

Instrument :

BNA_N

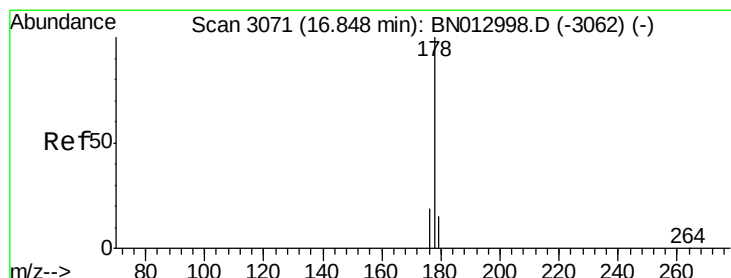
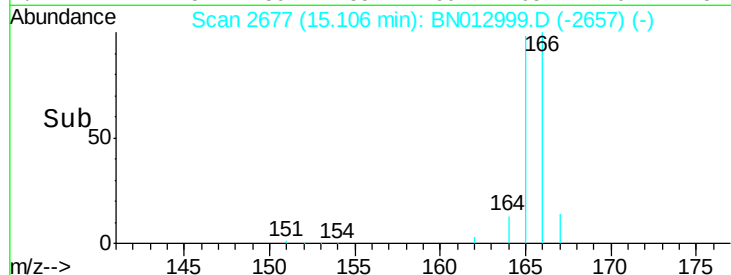
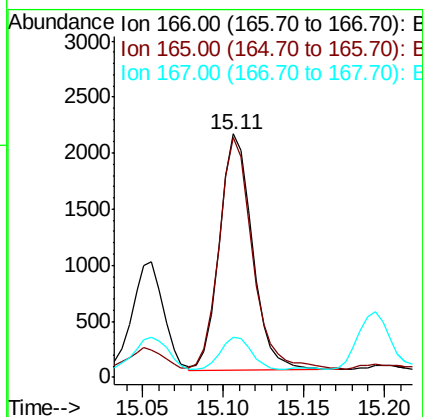
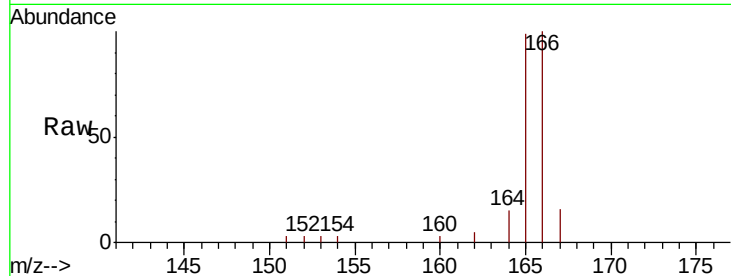
ClientSampled :

C0B62

Tot Ion:	166	Resp:	2984
Ion	Ratio	Lower	Upper
166	100		
165	98.5	79.8	119.8
167	16.3	13.8	20.8

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#12

Phenanthrene

Concen: 4.128 ng/ul

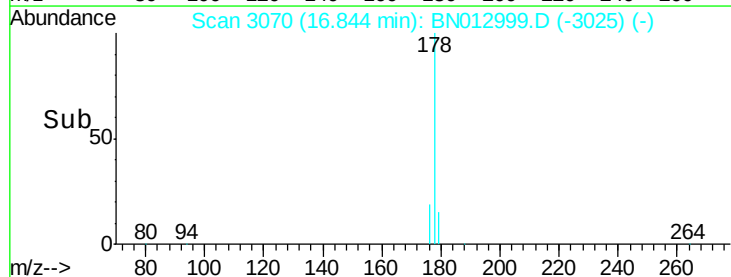
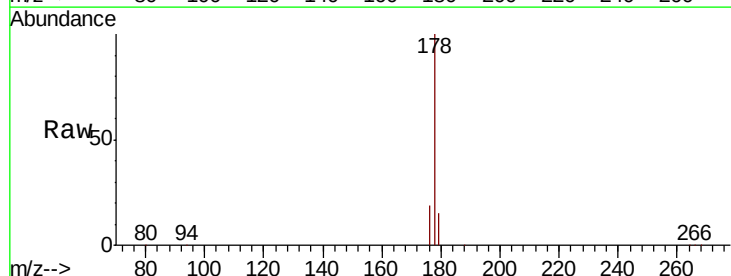
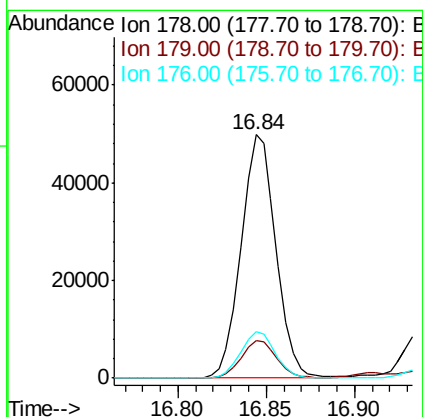
RT: 16.84 min Scan# 3070

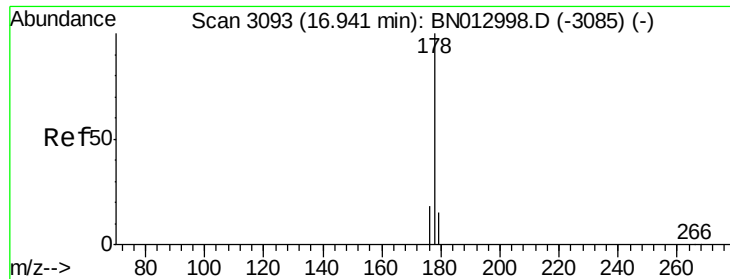
Delta R.T. -0.01 min

Lab File: BN012999.D

Acq: 09 Dec 2020 06:30

Tgt Ion:	178	Resp:	67734
Ion	Ratio	Lower	Upper
178	100		
179	15.4	13.6	20.4
176	19.1	16.4	24.6





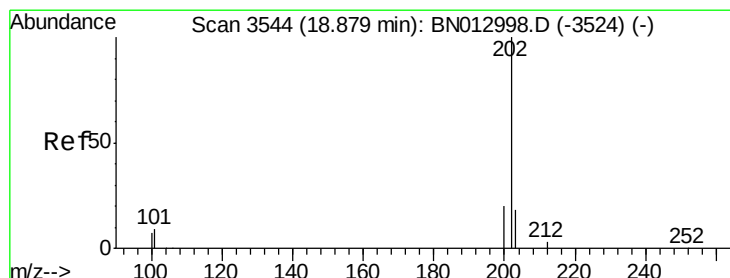
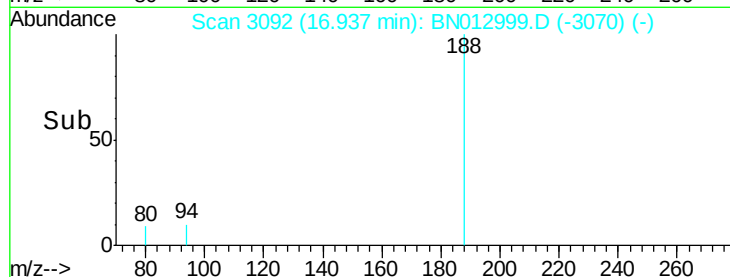
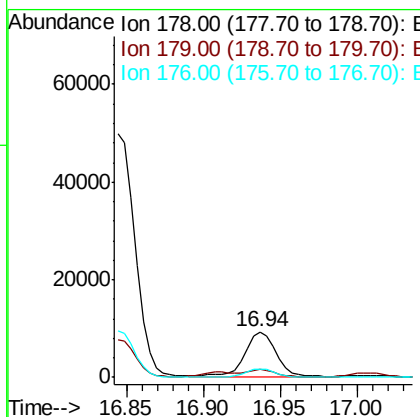
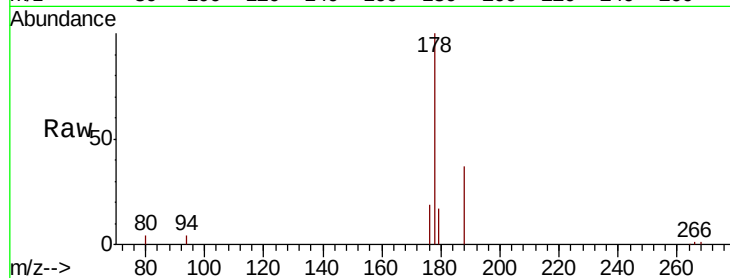
#13
 Anthracene
 Concen: 0.917 ng/ul
 RT: 16.94 min Scan# 3092
 Delta R.T. -0.01 min
 Lab File: BN012999.D
 Acq: 09 Dec 2020 06:30

Instrument :
 BNA_N
 ClientSampleId :
 C0B62

Tot Ion	Ratio	Lower	Upper
178	100		
179	16.6	14.6	21.8
176	18.9	17.1	25.7

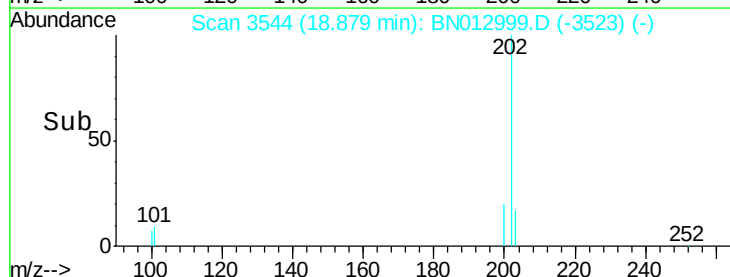
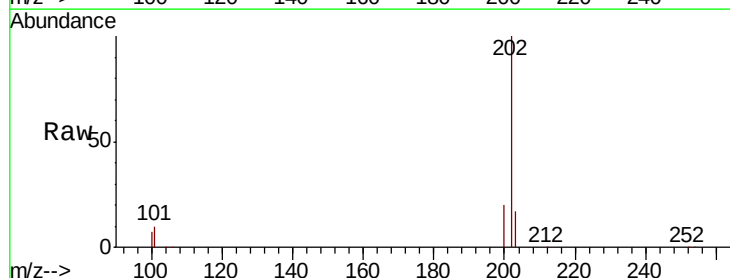
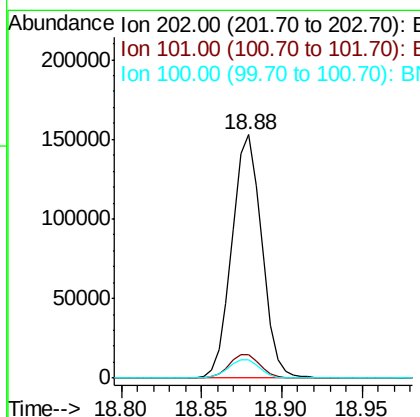
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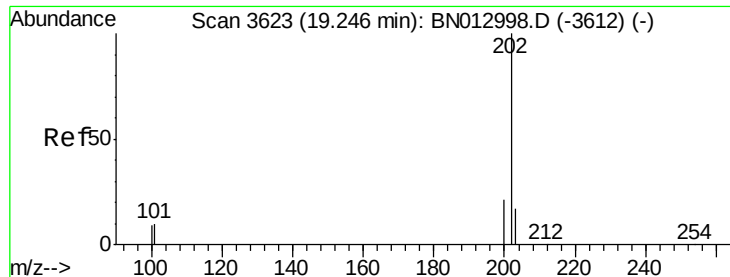
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#15
 Fluoranthene
 Concen: 10.083 ng/ul
 RT: 18.88 min Scan# 3544
 Delta R.T. -0.00 min
 Lab File: BN012999.D
 Acq: 09 Dec 2020 06:30

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.5	0.0	30.6
100	7.4	0.0	28.7





#17

Pvrene

Concen: 7.590 ng/ul

RT: 19.25 min Scan# 3623

Delta R.T. -0.00 min

Lab File: BN012999.D

Acq: 09 Dec 2020 06:30

Instrument :

BNA_N

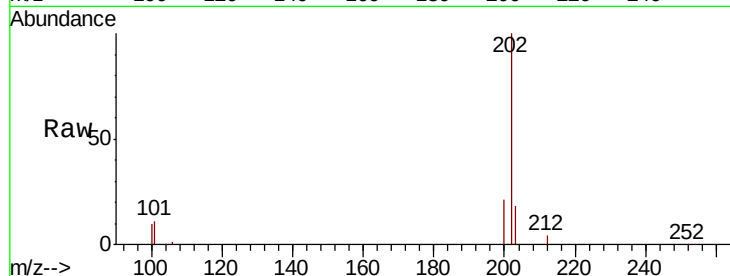
ClientSampleId :

C0B62

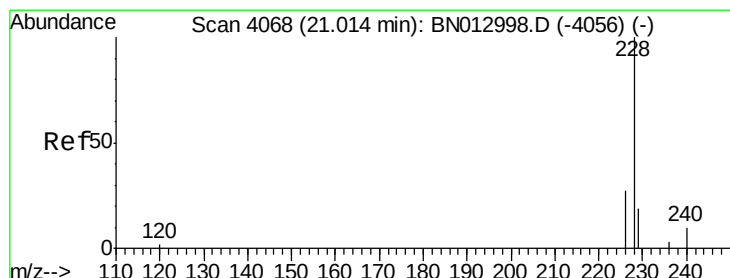
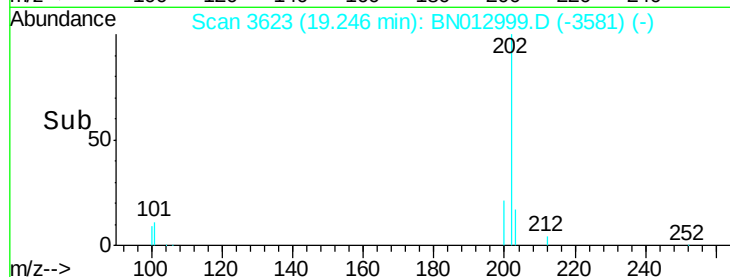
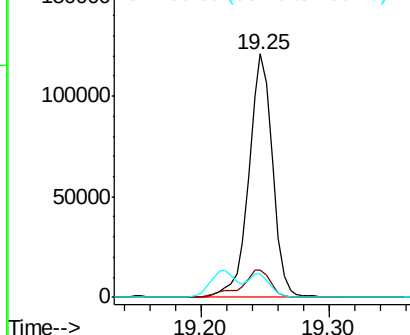
Tot Ion:	202	Resp:	153988
Ion Ratio	Lower	Upper	
202	100		
101	11.3	9.1	13.7
100	9.5	7.5	11.3

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B



#18

Benzo(a)anthracene

Concen: 4.540 ng/ul

RT: 21.01 min Scan# 4067

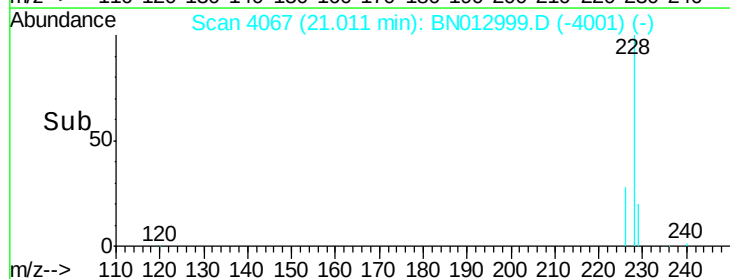
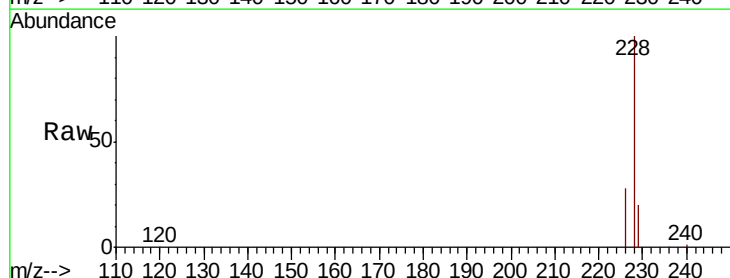
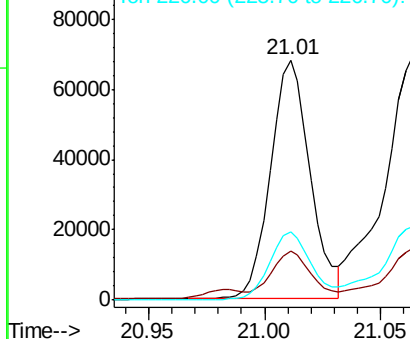
Delta R.T. -0.01 min

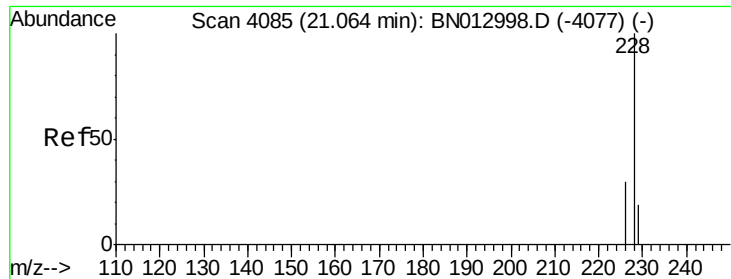
Lab File: BN012999.D

Acq: 09 Dec 2020 06:30

Tgt Ion:	228	Resp:	80673
Ion Ratio	Lower	Upper	
228	100		
229	20.3	16.3	24.5
226	28.2	23.4	35.2

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





#19

Chrysene

Concen: 4.963 ng/ul

RT: 21.06 min Scan# 4085

Delta R.T. -0.01 min

Lab File: BN012999.D

Acq: 09 Dec 2020 06:30

Instrument :

BNA_N

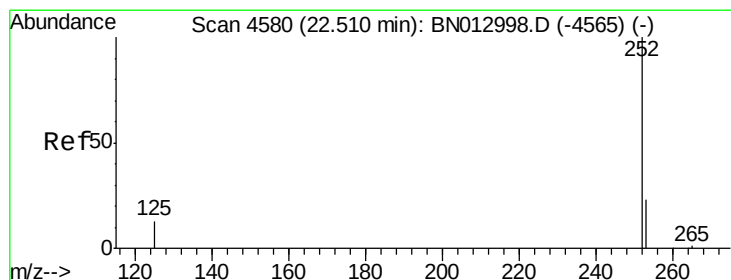
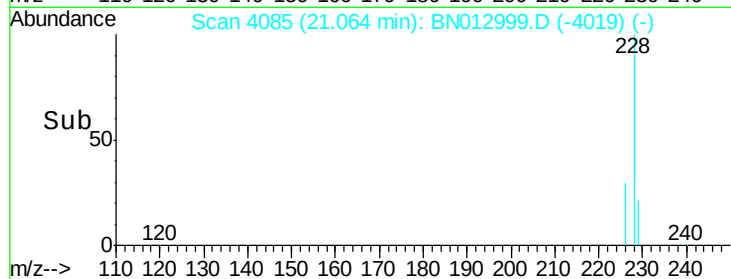
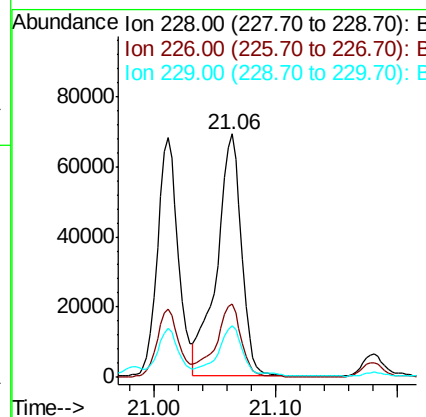
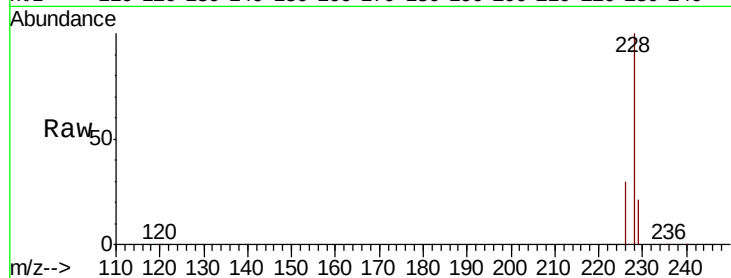
ClientSampleId :

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Tot Ion:	228	Resp:	97432
Ion Ratio	Lower	Upper	
228	100		
226	30.1	25.0	37.6
229	21.1	16.4	24.6

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#21

Benzo(b)fluoranthene

Concen: 8.018 ng/ul m

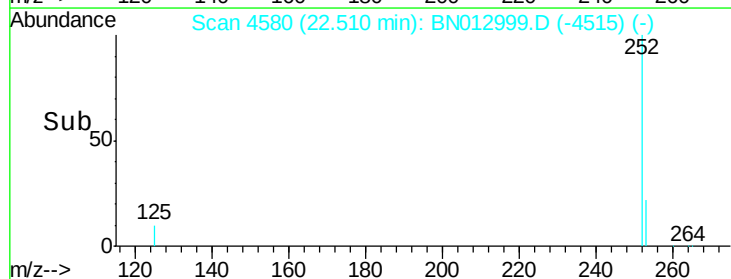
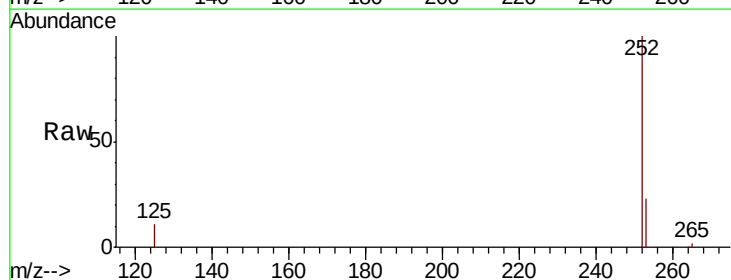
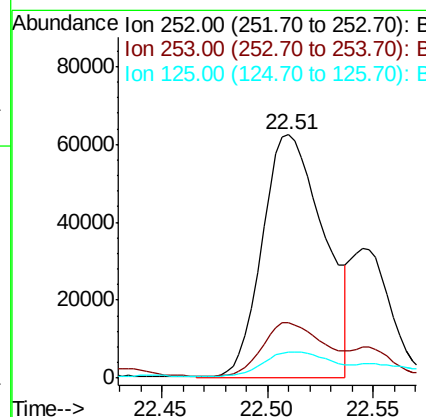
RT: 22.51 min Scan# 4580

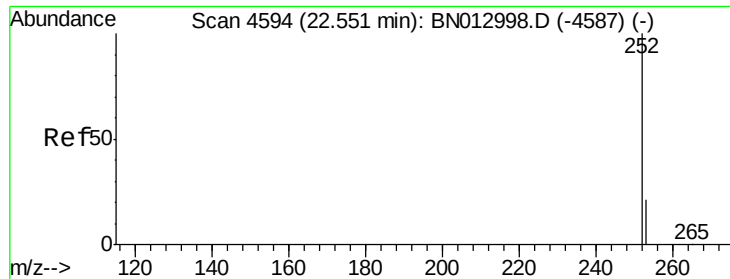
Delta R.T. -0.01 min

Lab File: BN012999.D

Acq: 09 Dec 2020 06:30

Tgt Ion:	252	Resp:	126420
Ion Ratio	Lower	Upper	
252	100		
253	22.9	0.0	59.6
125	10.5	0.0	26.0





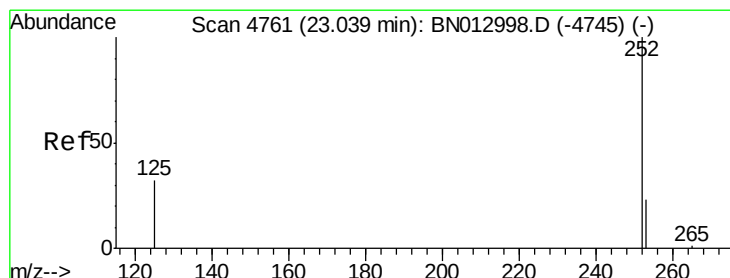
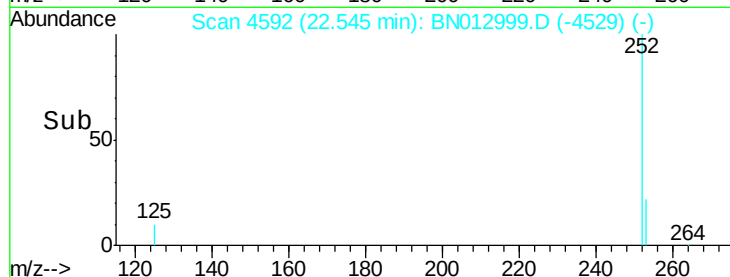
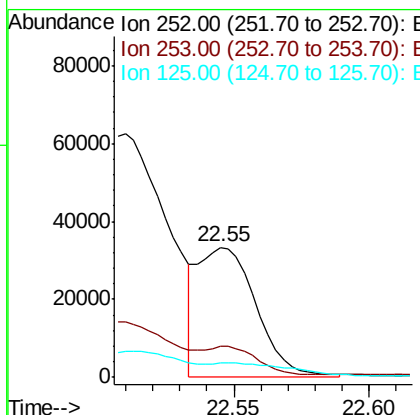
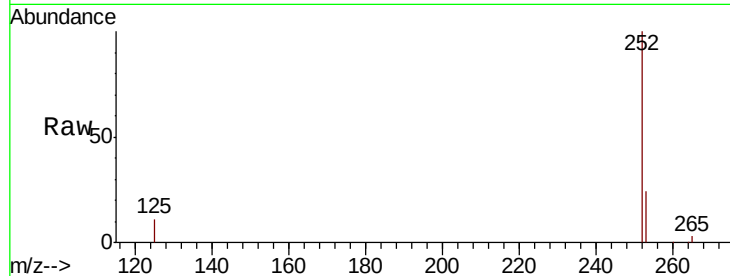
#22
Benzo(k)fluoranthene
Concen: 2.862 ng/ul m
RT: 22.55 min Scan# 4592
Delta R.T. -0.01 min
Lab File: BN012999.D
Acq: 09 Dec 2020 06:30

Instrument :
BNA_N
ClientSampleId :
C0B62

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.5	23.4	35.2
125	10.8	11.1	16.7

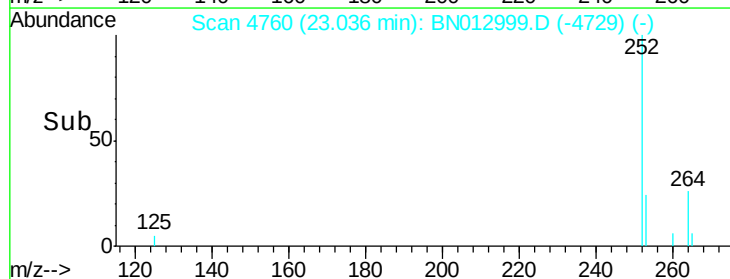
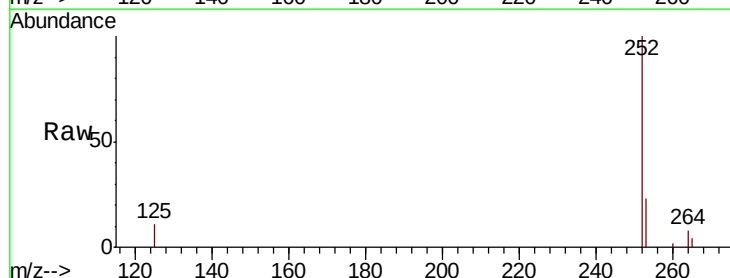
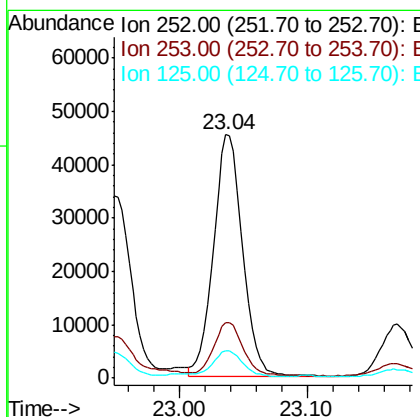
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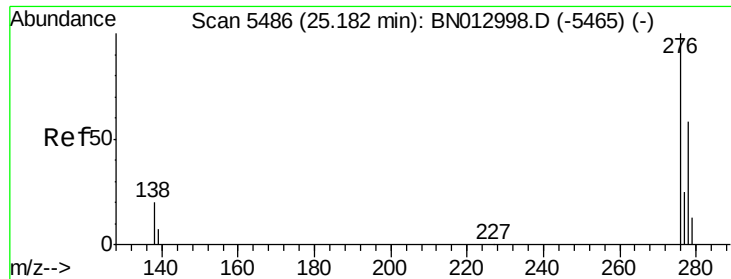
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#23
Benzo(a)pyrene
Concen: 4.886 ng/ul
RT: 23.04 min Scan# 4760
Delta R.T. -0.01 min
Lab File: BN012999.D
Acq: 09 Dec 2020 06:30

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	26.5	39.7
125	11.4	14.2	21.2





#24

Indeno(1,2,3-cd)pyrene

Concen: 2.629 ng/ul

RT: 25.18 min Scan# 5485

Delta R.T. -0.01 min

Lab File: BN012999.D

Acq: 09 Dec 2020 06:30

Instrument :

BNA_N

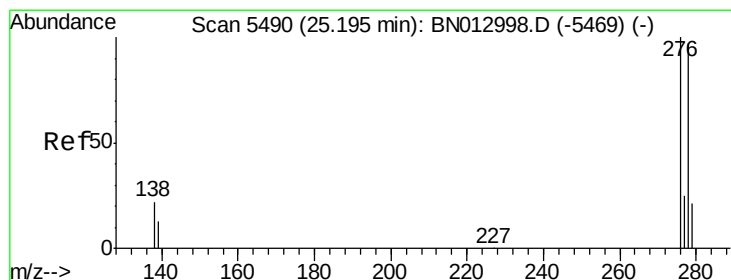
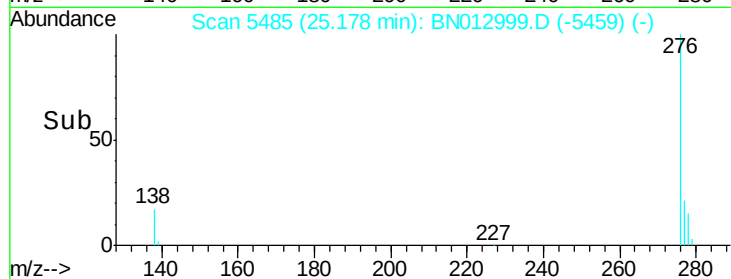
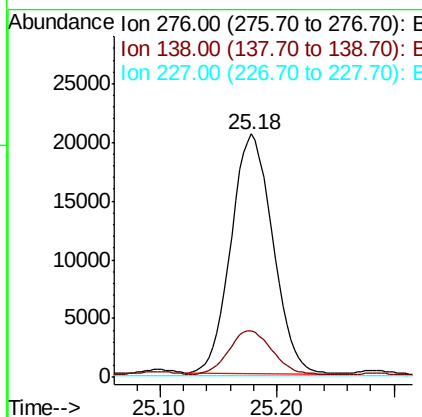
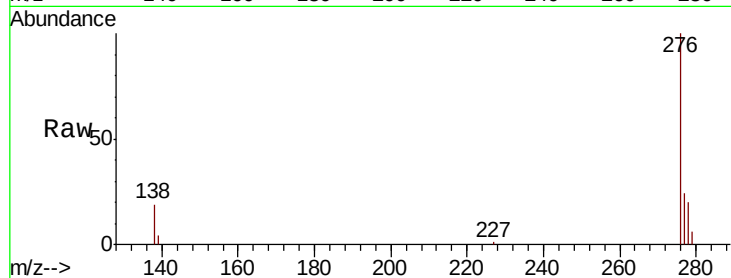
ClientSampleId :

C0B62

Tot Ion	Ratio	Lower	Upper
276	100		
138	19.1	16.2	24.2
227	0.2	0.0	0.0

Manual Integrations
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mohammad
12/9/2020 12:25:54 PM



#25

Dibenzo(a,h)anthracene

Concen: 0.812 ng/ul

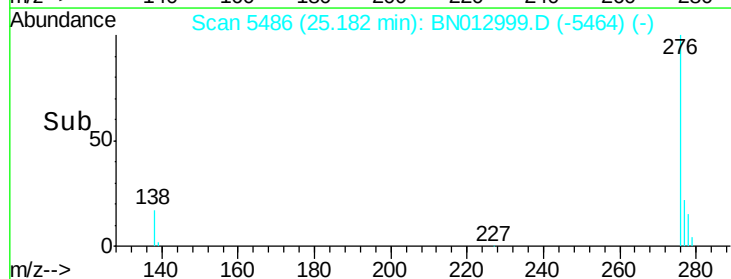
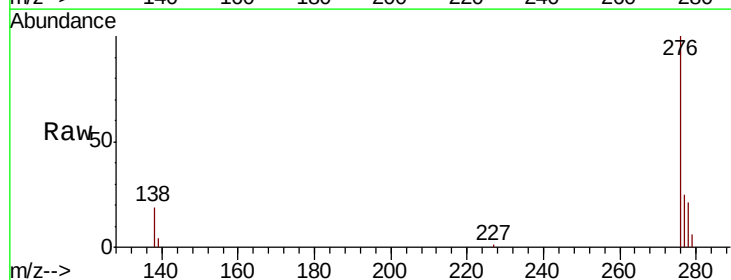
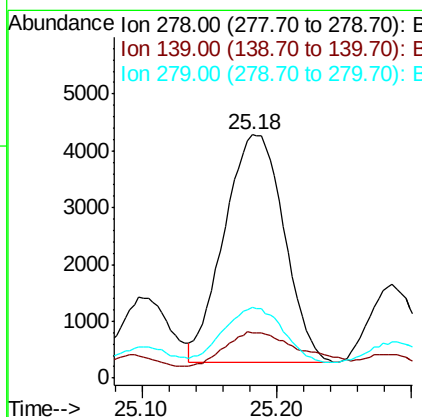
RT: 25.18 min Scan# 5486

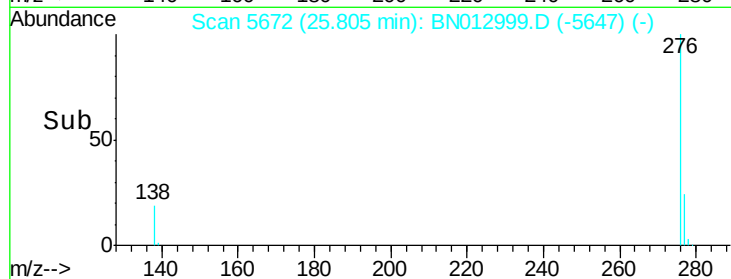
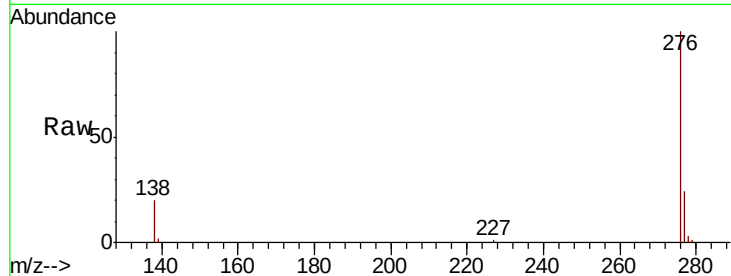
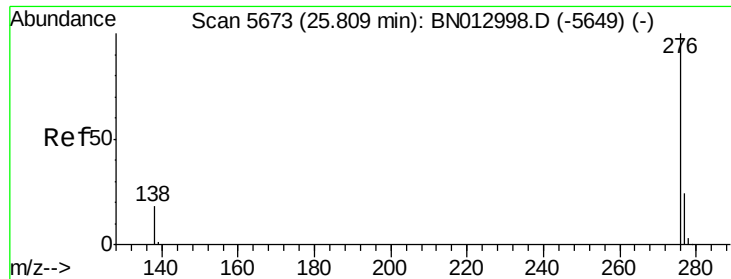
Delta R.T. -0.03 min

Lab File: BN012999.D

Acq: 09 Dec 2020 06:30

Tgt Ion	Ratio	Lower	Upper
278	100		
139	18.5	14.5	21.7
279	29.0	26.3	39.5





#26

Benzo(a,h,i)perylene

Concen: 2.744 ng/ul

RT: 25.81 min Scan# 5672

Delta R.T. -0.02 min

Lab File: BN012999.D

Acq: 09 Dec 2020 06:30

Tot Ion:	276	Resp:	47697
Ion Ratio	Lower	Upper	
276	100		
138	19.7	16.3	24.5
277	24.4	21.8	32.6

Instrument :

BNA_N

ClientSampleId :

C0B62

Manual Integrations
APPROVED

mohammad
12/9/2020 12:25:54 PM

