

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120720\
 Data File : BN013008.D
 Acq On : 09 Dec 2020 12:03
 Operator : CG/JU
 Sample : L4862-08
 Misc :
 ALS Vial : 78 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0B62

Manual Integrations
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Quant Time: Dec 09 12:36:30 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	1128	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.15	136	4658	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.05	164	2731	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.81	188	5994m	0.40	ng/ul	0.00
16) Chrysene-d12	21.03	240	4829	0.40	ng/ul	0.00
20) Perylene-d12	23.13	264	3962	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.75	152	2676	0.39	ng/ul	-0.01
14) Fluoranthene-d10	18.85	212	5820	0.36	ng/ul	0.00
Target Compounds					Ovalue	
3) Naphthalene	10.19	128	999	0.074	ng/ul#	94
5) 2-Methylnaphthalene	11.82	142	466	0.053	ng/ul	100
7) Acenaphthylene	13.76	152	6478	0.501	ng/ul	95
8) Acenaphthene	14.11	153	1075	0.101	ng/ul	98
9) Fluorene	15.11	166	2976	0.245	ng/ul	98
12) Phenanthrene	16.85	178	66488	3.308	ng/ul	97
13) Anthracene	16.94	178	12751	0.746	ng/ul	95
15) Fluoranthene	18.88	202	186843	7.824	ng/ul	99
17) Pyrene	19.25	202	143980	6.312	ng/ul	100
18) Benzo(a)anthracene	21.02	228	74372	3.722	ng/ul	98
19) Chrysene	21.07	228	88861	4.025	ng/ul	98
21) Benzo(b)fluoranthene	22.51	252	116010m	6.329	ng/ul	
22) Benzo(k)fluoranthene	22.55	252	39331m	1.941	ng/ul	
23) Benzo(a)pyrene	23.04	252	65047	3.825	ng/ul#	84
24) Indeno(1,2,3-cd)pyrene	25.19	276	45592	2.041	ng/ul#	98
25) Dibenzo(a,h)anthracene	25.19	278	11390	0.645	ng/ul	94
26) Benzo(a,h,i)perylene	25.81	276	43035	2.130	ng/ul	96

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

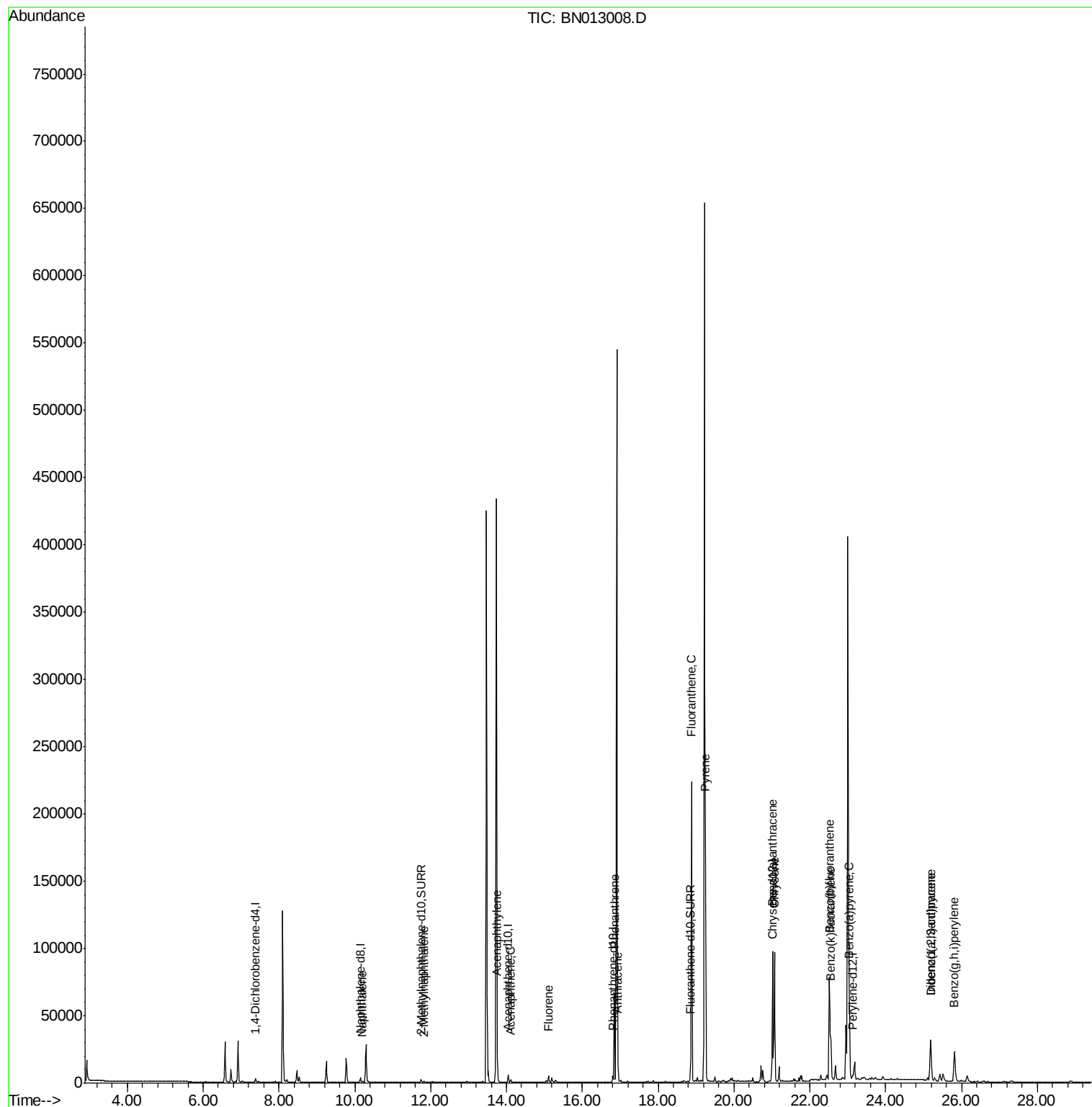
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120720\
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ALS Vial : 78 Sample Multiplier: 1

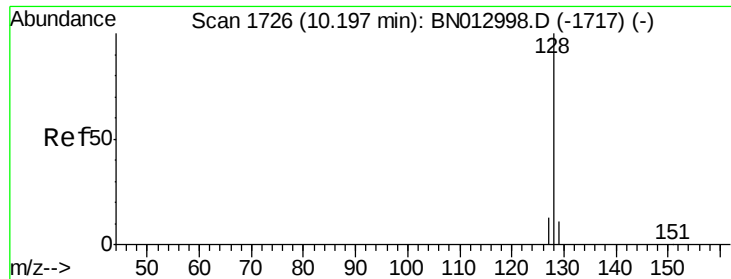
Instrument :
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Quant Time: Dec 09 12:36:30 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN120320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 09 07:33:34 2020
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.074 ng/ul

RT: 10.19 min Scan# 1725

Delta R.T. -0.01 min

Lab File: BN013008.D

Acq: 09 Dec 2020 12:03

Instrument :

BNA_N

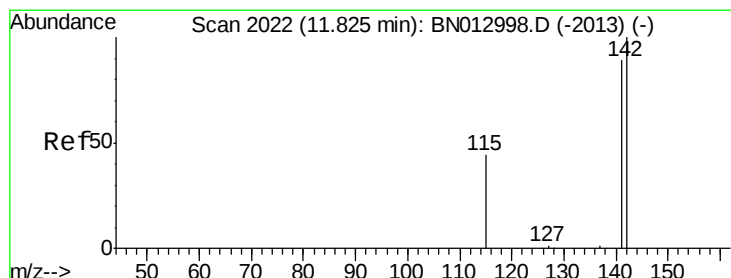
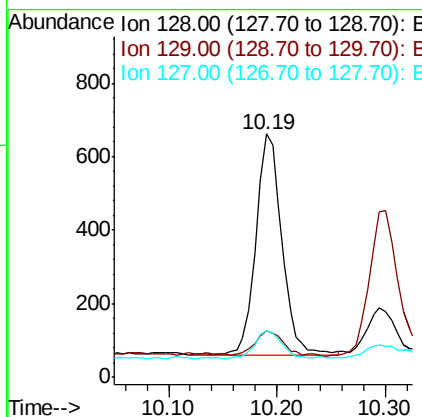
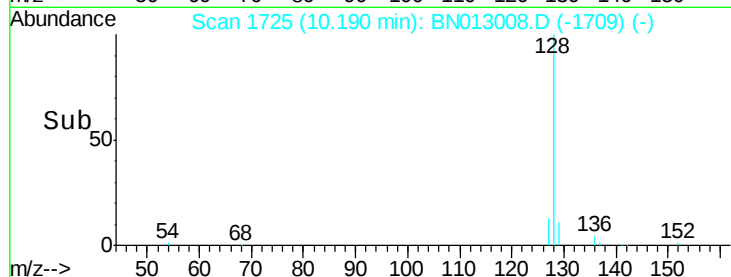
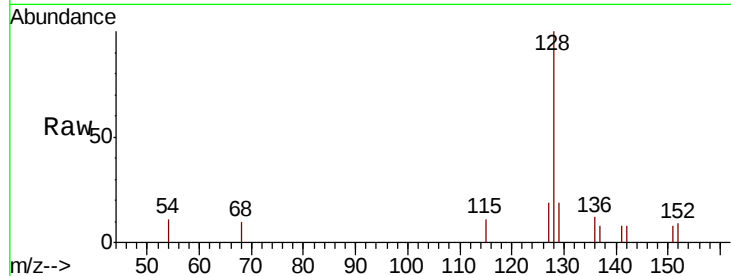
ClientSampleId :

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Tot Ion:	128	Resp:	999
Ion	Ratio	Lower	Upper
128	100		
129	19.2	12.3	18.5#
127	19.3	14.2	21.4

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#5

2-Methylnaphthalene

Concen: 0.053 ng/ul

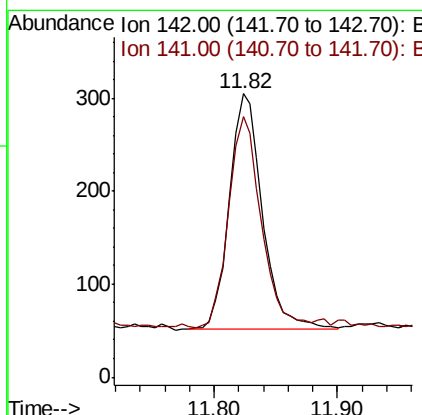
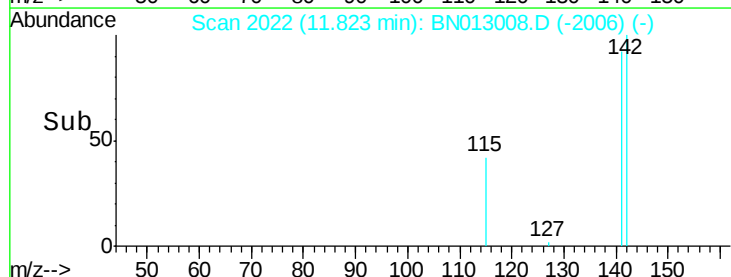
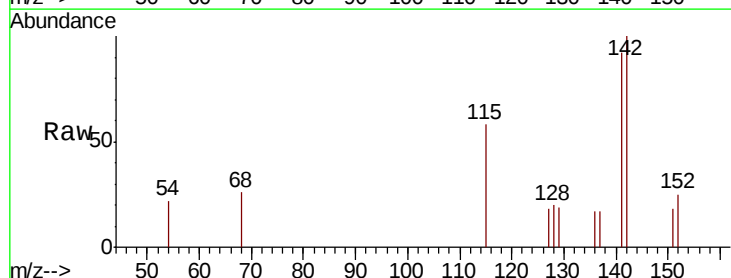
RT: 11.82 min Scan# 2022

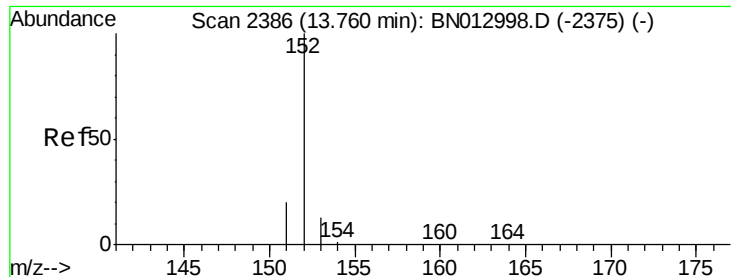
Delta R.T. -0.01 min

Lab File: BN013008.D

Acq: 09 Dec 2020 12:03

Tgt Ion:	142	Resp:	466
Ion	Ratio	Lower	Upper
142	100		
141	91.2	73.0	109.6





#7

Acenaphthylene

Concen: 0.501 ng/ul

RT: 13.76 min Scan# 2387

Delta R.T. -0.01 min

Lab File: BN013008.D

Acq: 09 Dec 2020 12:03

Instrument :

BNA_N

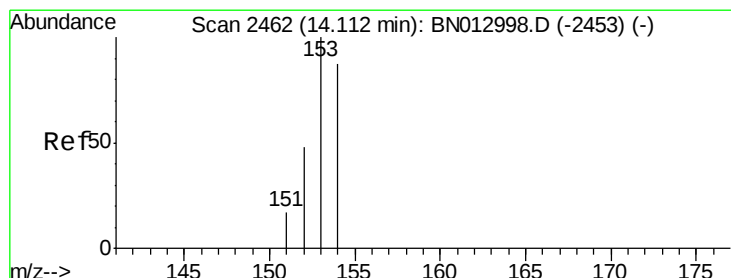
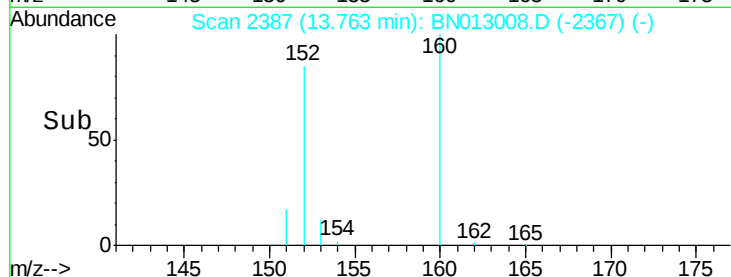
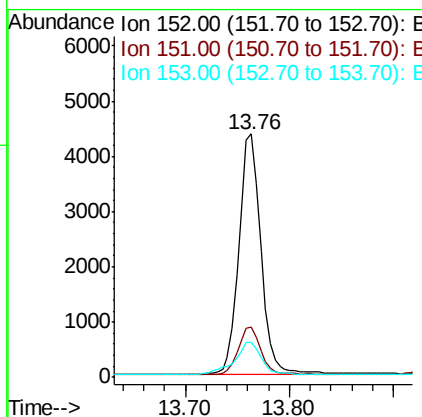
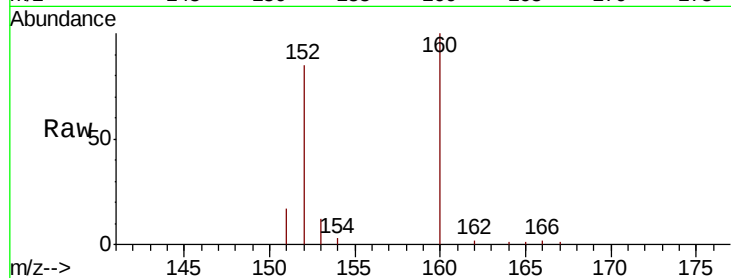
ClientSampleId :

C0B62

Tot Ion:	152	Resp:	6478
Ion Ratio	Lower	Upper	
152	100		
151	20.5	18.2	27.4
153	14.6	13.1	19.7

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#8

Acenaphthene

Concen: 0.101 ng/ul

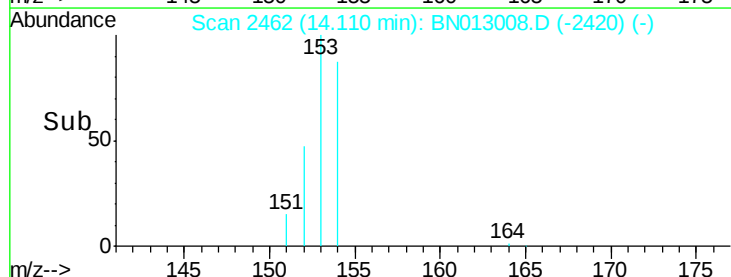
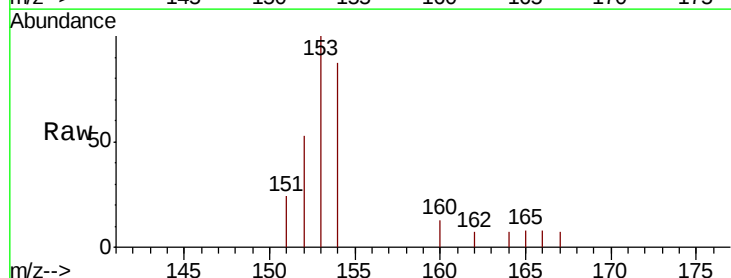
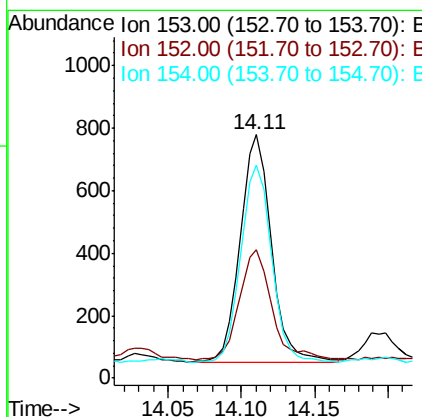
RT: 14.11 min Scan# 2462

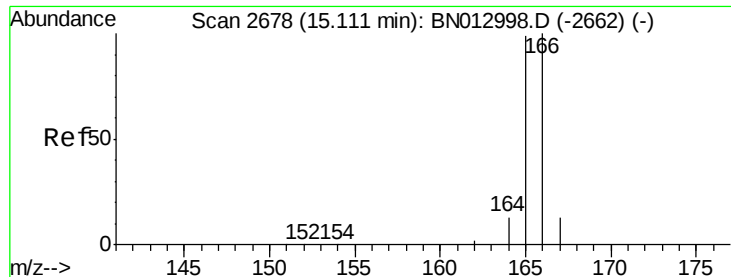
Delta R.T. -0.01 min

Lab File: BN013008.D

Acq: 09 Dec 2020 12:03

Tgt Ion:	153	Resp:	1075
Ion Ratio	Lower	Upper	
153	100		
152	52.8	40.7	61.1
154	87.3	70.8	106.2





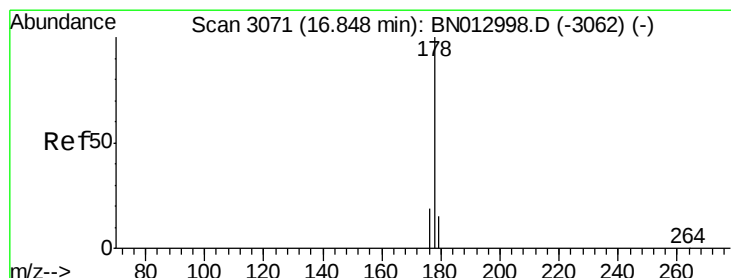
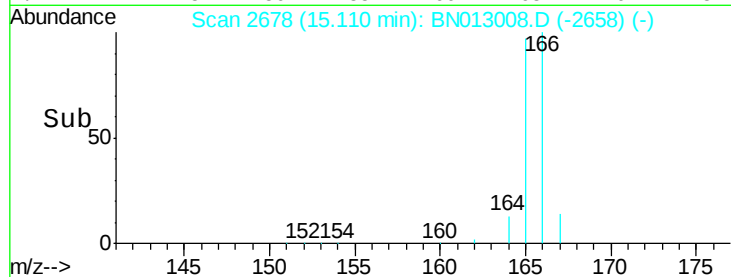
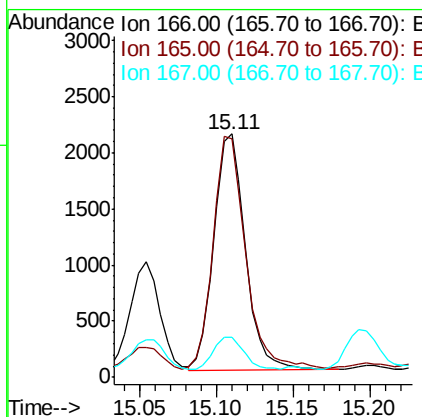
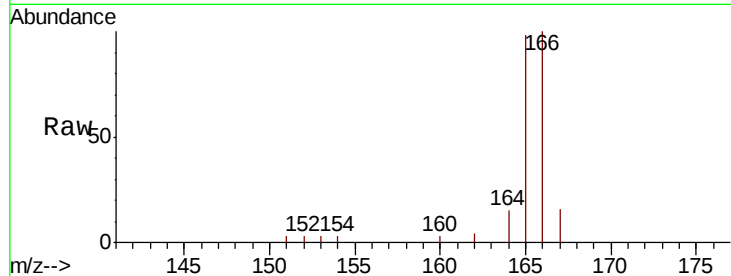
#9
Fluorene
 Concen: 0.245 ng/ul
 RT: 15.11 min Scan# 2678
 Delta R.T. -0.01 min
 Lab File: BN013008.D
 Acq: 09 Dec 2020 12:03

Instrument :
 BNA_N
 ClientSampled :
 C0B62

Tot Ion:	166	Resp:	2976
Ion Ratio	Lower	Upper	
166	100		
165	97.9	79.8	119.8
167	16.3	13.8	20.8

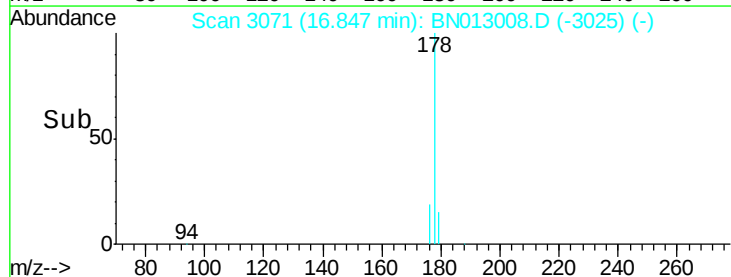
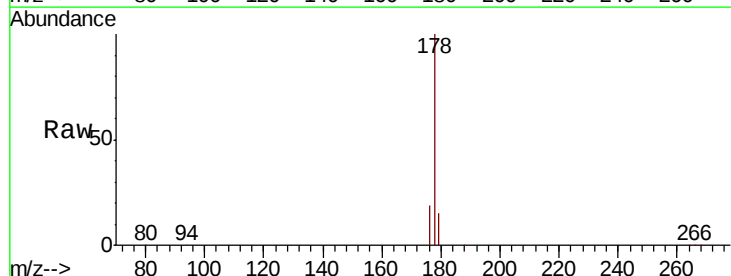
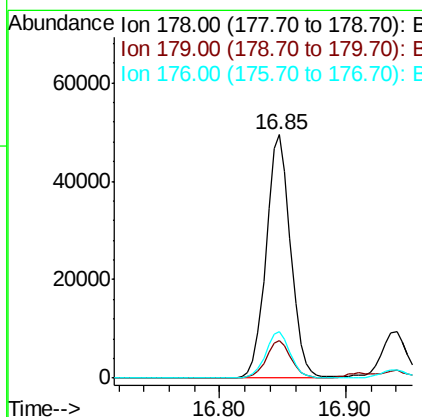
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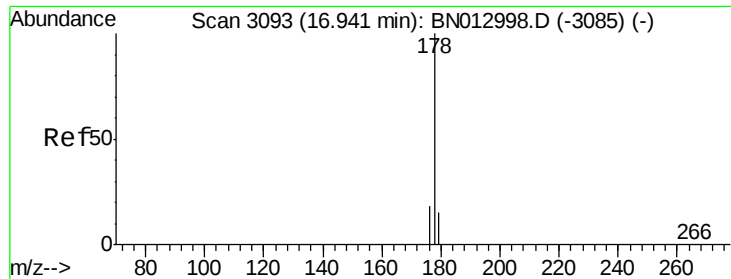
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#12
Phenanthrene
 Concen: 3.308 ng/ul
 RT: 16.85 min Scan# 3071
 Delta R.T. -0.01 min
 Lab File: BN013008.D
 Acq: 09 Dec 2020 12:03

Tgt Ion:	178	Resp:	66488
Ion Ratio	Lower	Upper	
178	100		
179	15.3	13.6	20.4
176	19.1	16.4	24.6





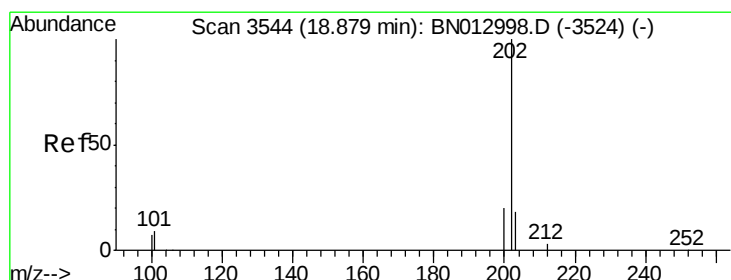
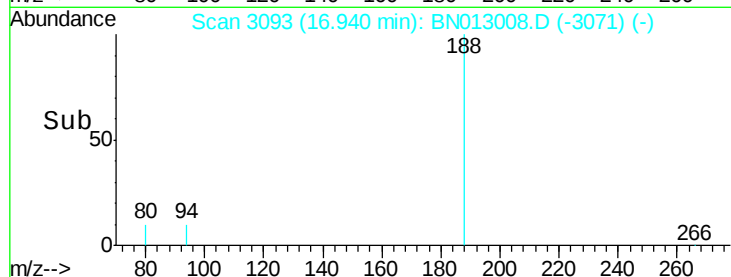
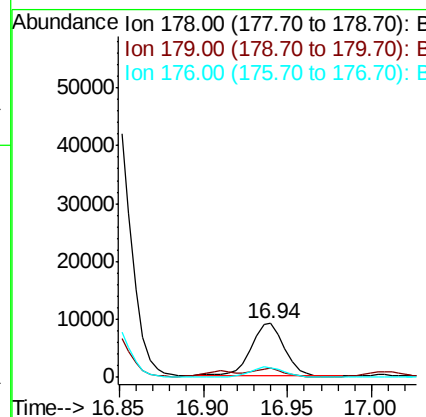
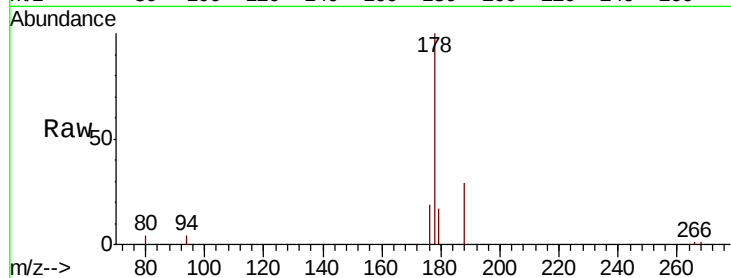
#13
 Anthracene
 Concen: 0.746 ng/ul
 RT: 16.94 min Scan# 3093
 Delta R.T. -0.01 min
 Lab File: BN013008.D
 Acq: 09 Dec 2020 12:03

Instrument :
 BNA_N
 ClientSampleId :
 C0B62

Tot Ion	Ratio	Lower	Upper
178	100		
179	16.5	14.6	21.8
176	18.5	17.1	25.7

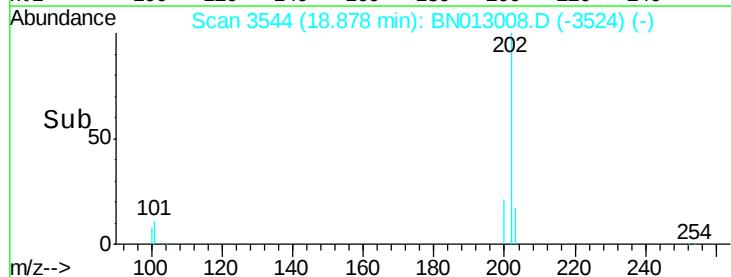
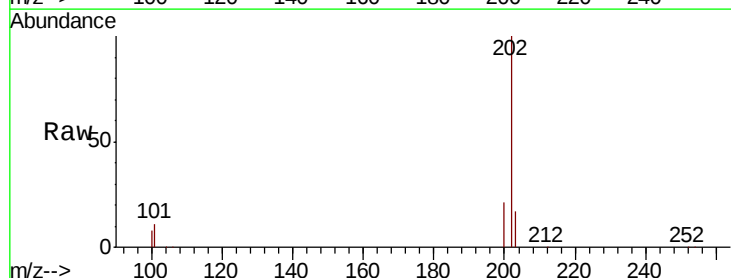
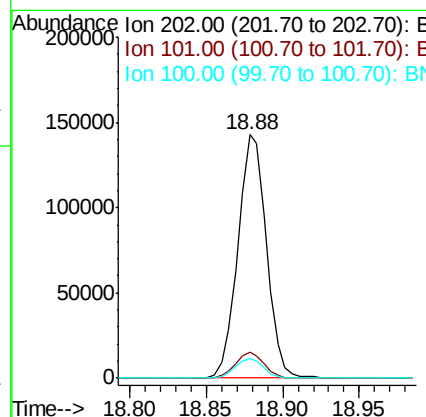
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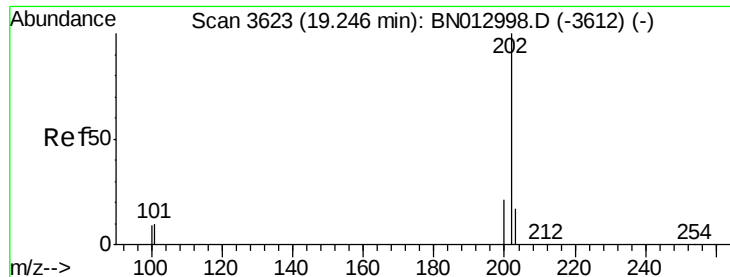
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#15
 Fluoranthene
 Concen: 7.824 ng/ul
 RT: 18.88 min Scan# 3544
 Delta R.T. -0.01 min
 Lab File: BN013008.D
 Acq: 09 Dec 2020 12:03

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.7	0.0	30.6
100	8.2	0.0	28.7





#17

Pvrene

Concen: 6.312 ng/ul

RT: 19.25 min Scan# 3624

Delta R.T. -0.00 min

Lab File: BN013008.D

Acq: 09 Dec 2020 12:03

Instrument :

BNA_N

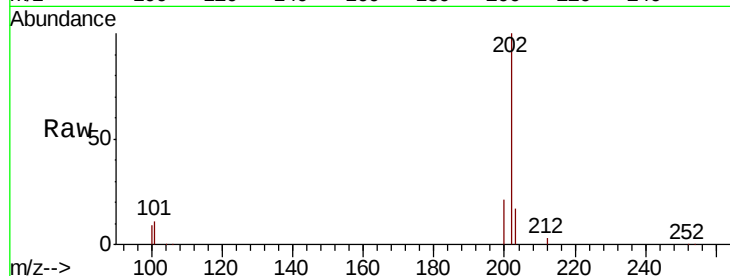
ClientSampleId :

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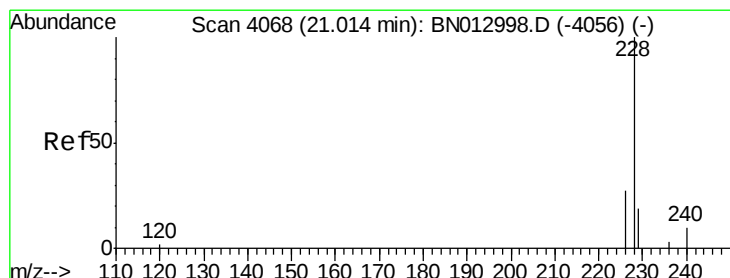
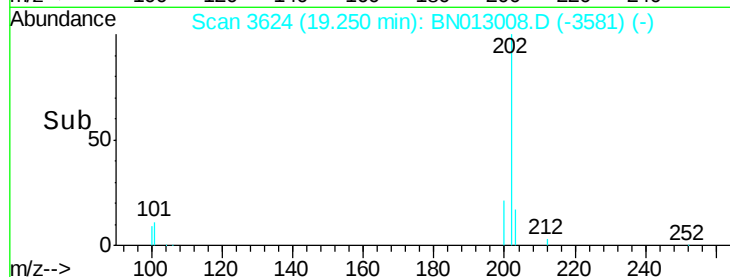
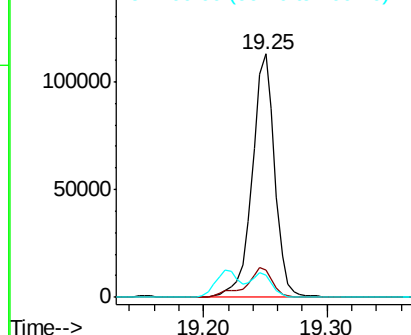
Tot Ion:	202	Resp:	143980
Ion Ratio	Lower	Upper	
202	100		
101	11.2	9.1	13.7
100	9.3	7.5	11.3

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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): E



#18

Benzo(a)anthracene

Concen: 3.722 ng/ul

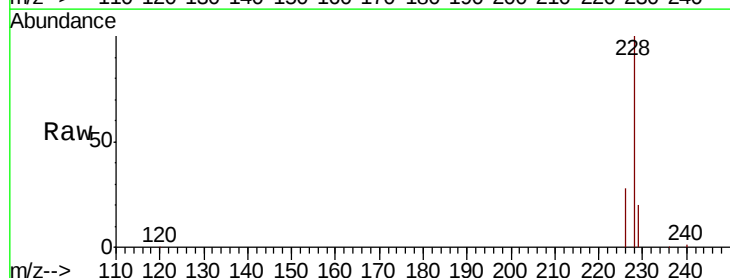
RT: 21.02 min Scan# 4069

Delta R.T. -0.00 min

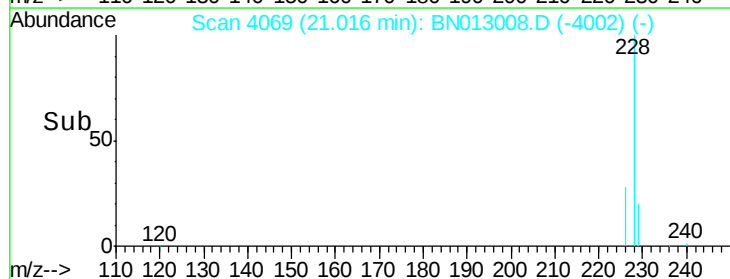
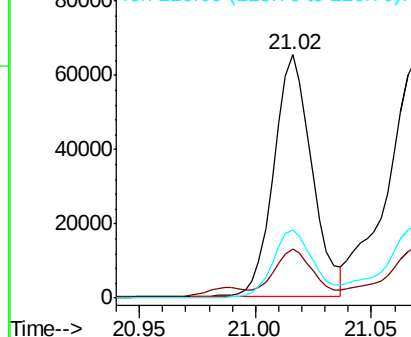
Lab File: BN013008.D

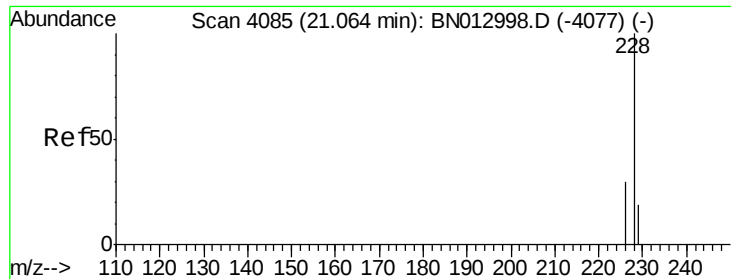
Acq: 09 Dec 2020 12:03

Tgt Ion:	228	Resp:	74372
Ion Ratio	Lower	Upper	
228	100		
229	20.3	16.3	24.5
226	27.9	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: 4.025 ng/ul

RT: 21.07 min Scan# 4087

Delta R.T. -0.00 min

Lab File: BN013008.D

Acq: 09 Dec 2020 12:03

Instrument :

BNA_N

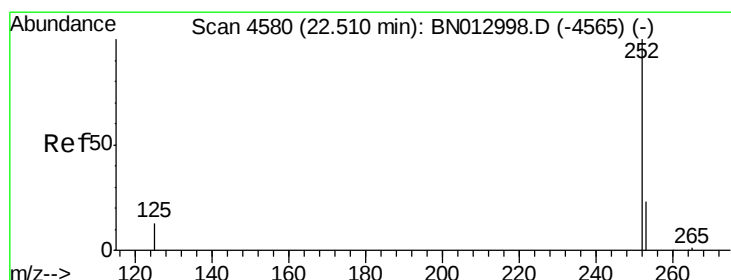
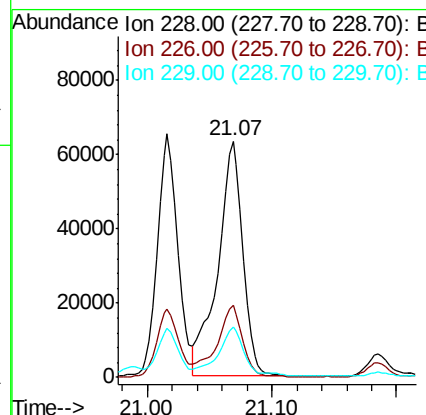
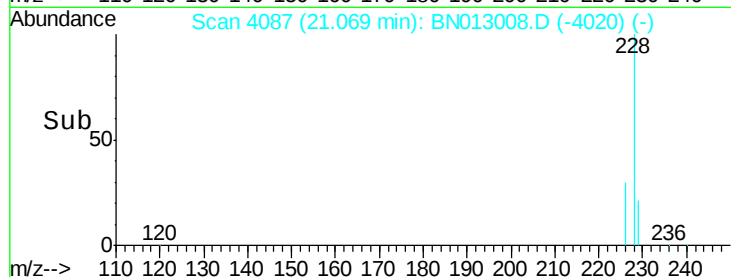
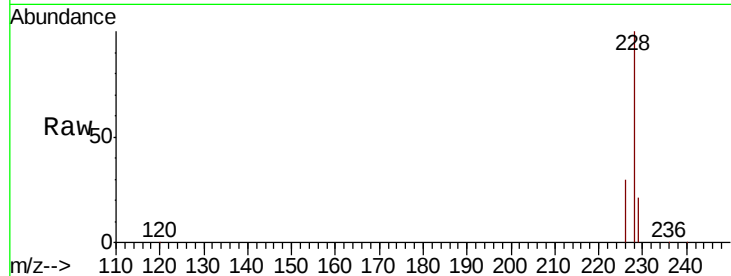
ClientSampleId :

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Tot Ion:228	Resp:	88861
Ion Ratio	Lower	Upper
228 100		
226 30.5	25.0	37.6
229 21.5	16.4	24.6

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#21

Benzo(b)fluoranthene

Concen: 6.329 ng/ul m

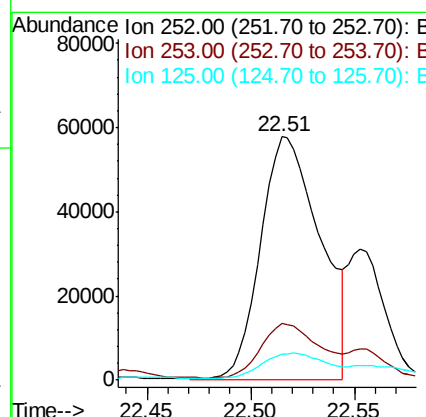
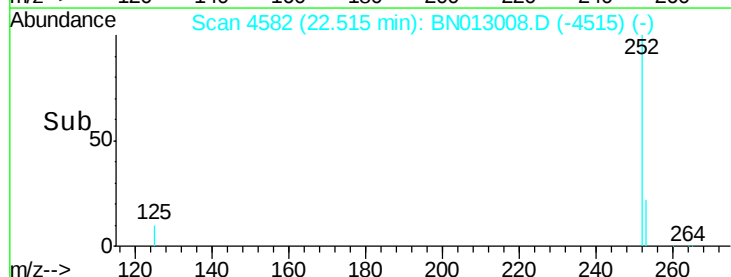
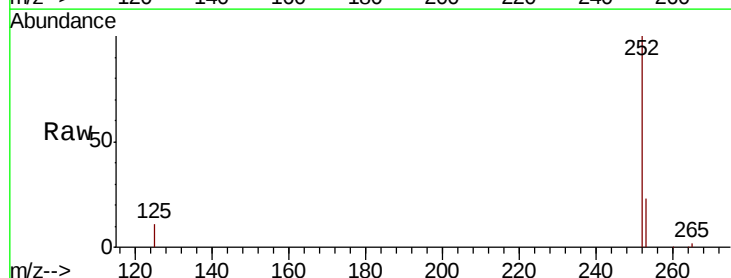
RT: 22.51 min Scan# 4582

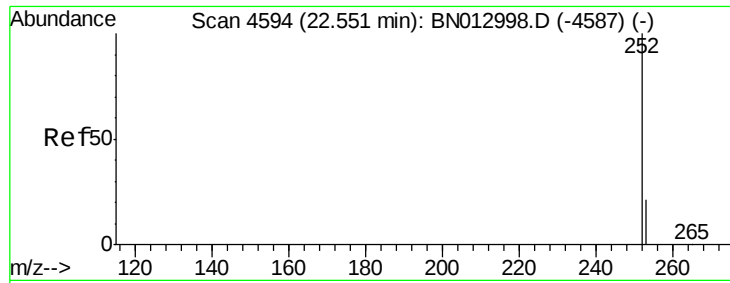
Delta R.T. -0.00 min

Lab File: BN013008.D

Acq: 09 Dec 2020 12:03

Tgt Ion:252	Resp:	116010
Ion Ratio	Lower	Upper
252 100		
253 23.1	0.0	59.6
125 10.6	0.0	26.0





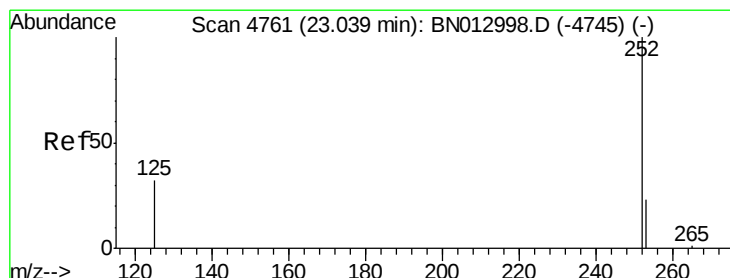
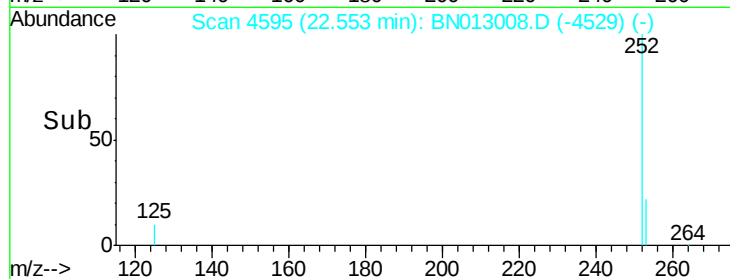
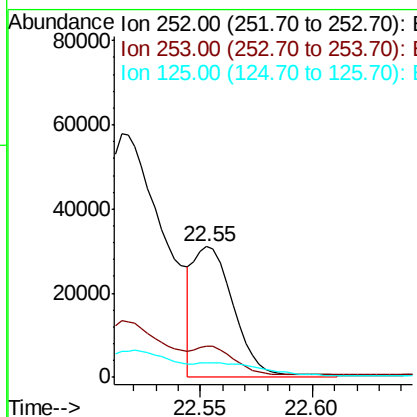
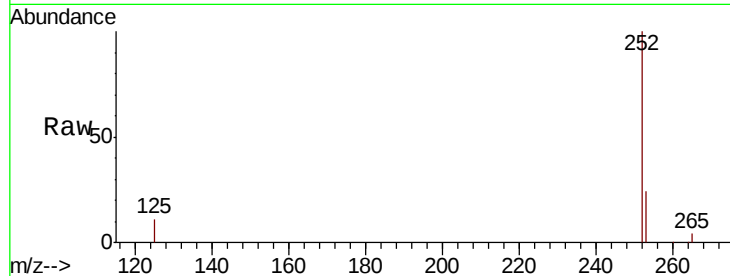
#22
Benzo(k)fluoranthene
Concen: 1.941 ng/ul m
RT: 22.55 min Scan# 4595
Delta R.T. -0.01 min
Lab File: BN013008.D
Acq: 09 Dec 2020 12:03

Instrument :
BNA_N
ClientSampleId :
C0B62

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.6	23.4	35.2
125	11.1	11.1	16.7

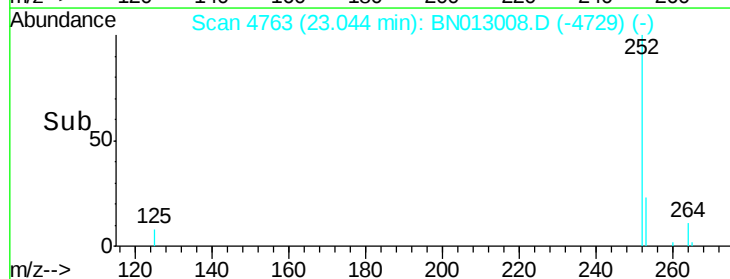
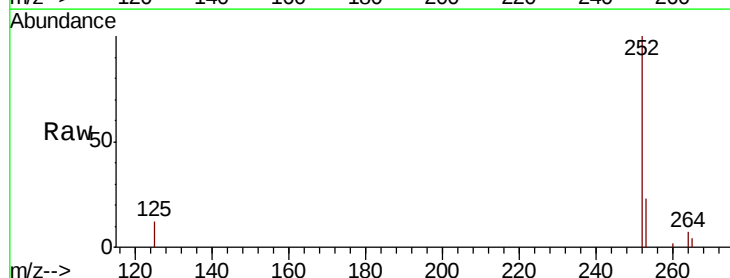
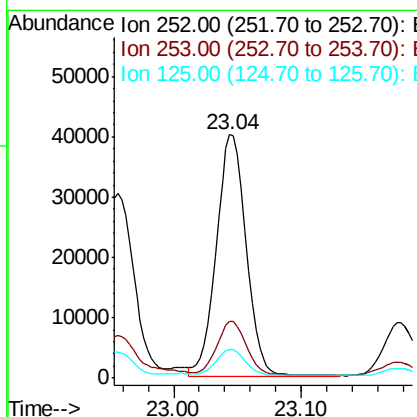
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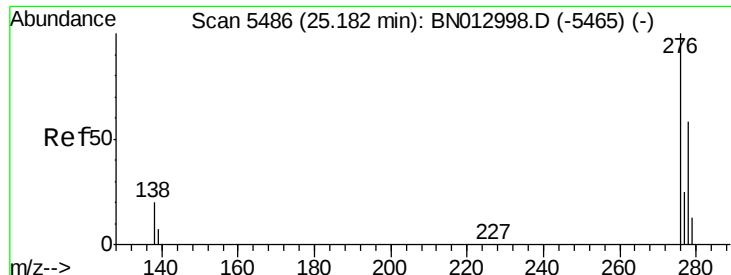
mohammad
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#23
Benzo(a)pyrene
Concen: 3.825 ng/ul
RT: 23.04 min Scan# 4763
Delta R.T. -0.00 min
Lab File: BN013008.D
Acq: 09 Dec 2020 12:03

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	26.5	39.7#
125	11.7	14.2	21.2#





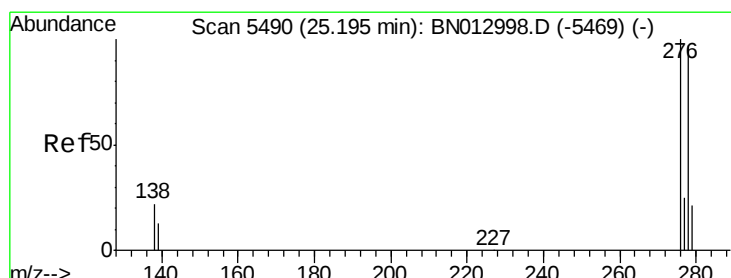
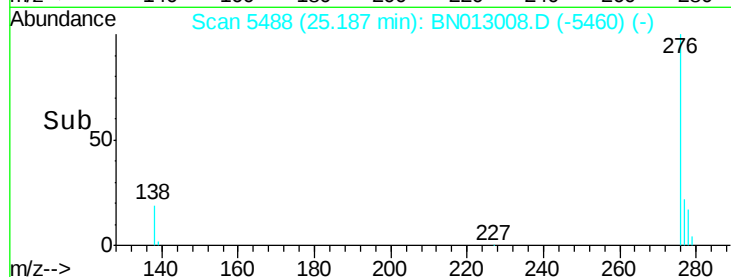
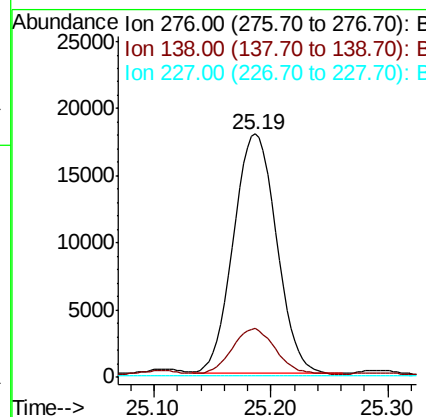
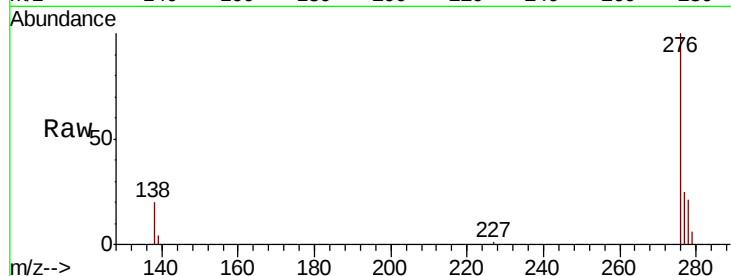
#24
Indeno(1,2,3-cd)pyrene
Concen: 2.041 ng/ul
RT: 25.19 min Scan# 5486
Delta R.T. -0.00 min
Lab File: BN013008.D
Acq: 09 Dec 2020 12:03

Instrument :
BNA_N
ClientSampleId :
C0B62

Tot Ion	Ratio	Lower	Upper
276	100		
138	19.1	16.2	24.2
227	0.1	0.0	0.0

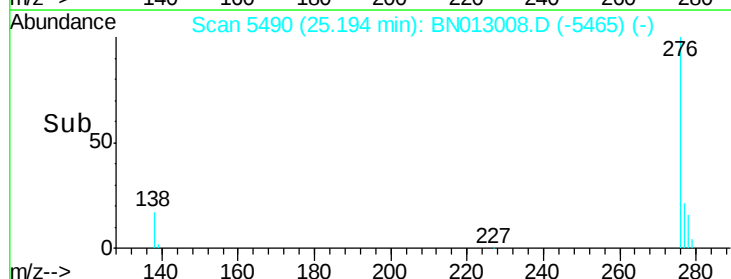
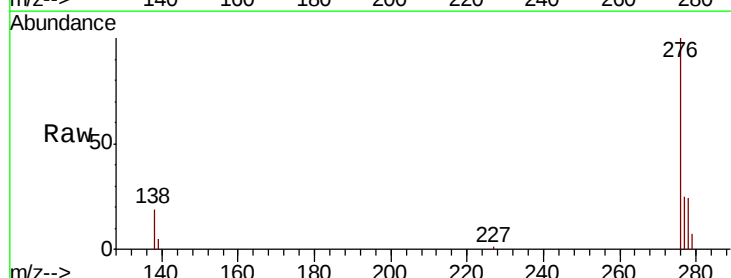
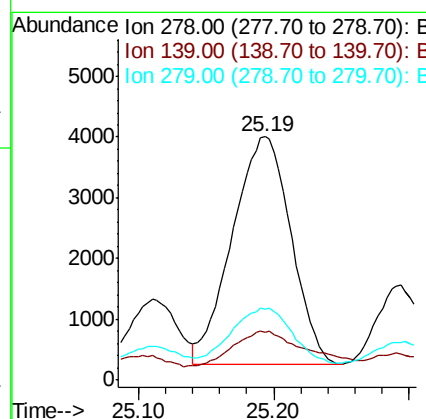
Manual Integrations
APPROVED

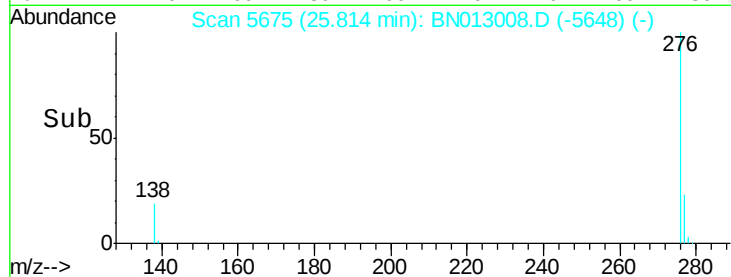
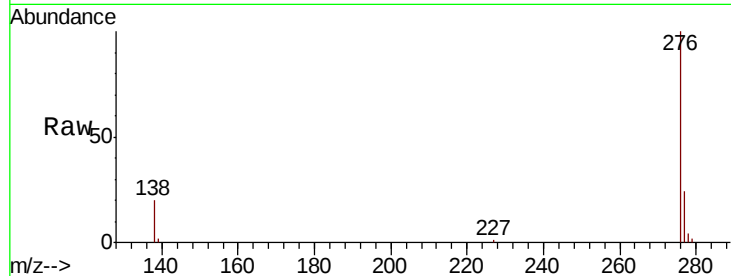
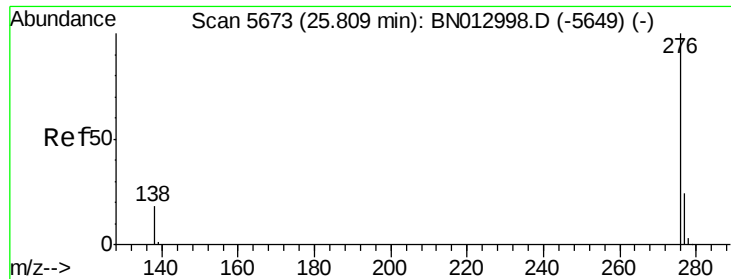
mohammad
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#25
Dibenzo(a,h)anthracene
Concen: 0.645 ng/ul
RT: 25.19 min Scan# 5490
Delta R.T. -0.01 min
Lab File: BN013008.D
Acq: 09 Dec 2020 12:03

Tgt Ion	Ratio	Lower	Upper
278	100		
139	19.8	14.5	21.7
279	28.9	26.3	39.5





#26

Benzo(a,h,i)perylene

Concen: 2.130 ng/ul

RT: 25.81 min Scan# 5675

Delta R.T. -0.01 min

Lab File: BN013008.D

Acq: 09 Dec 2020 12:03

Tot Ion:	276	Resp:	43035
Ion Ratio	Lower	Upper	
276	100		
138	19.8	16.3	24.5
277	24.1	21.8	32.6

Instrument :

BNA_N

ClientSampleId :

C0B62

Manual Integrations
APPROVED

mohammad
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