

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120720\
 Data File : BN013003.D
 Acq On : 09 Dec 2020 08:53
 Operator : CG/JU
 Sample : L4862-21
 Misc :
 ALS Vial : 73 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0BH4

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Quant Time: Dec 09 09:42:08 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	1197	0.40	ng/ul	0.00
2) Naphthalene-d8	10.15	136	4879	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.05	164	2864	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.81	188	5896m	0.40	ng/ul	0.00
16) Chrysene-d12	21.03	240	4192	0.40	ng/ul	0.00
20) Perylene-d12	23.13	264	3464	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.75	152	2886	0.40	ng/ul	-0.01
14) Fluoranthene-d10	18.85	212	5817	0.36	ng/ul	0.00
Target Compounds					Ovalue	
3) Naphthalene	10.19	128	1590	0.113	ng/ul	97
5) 2-Methylnaphthalene	11.82	142	675	0.073	ng/ul	99
7) Acenaphthylene	13.76	152	1652	0.122	ng/ul	95
8) Acenaphthene	14.11	153	1630	0.147	ng/ul	100
9) Fluorene	15.11	166	2039	0.160	ng/ul	96
11) Pentachlorophenol	16.47	266	88	0.052	ng/ul	95
12) Phenanthrene	16.85	178	58507	2.960	ng/ul	96
13) Anthracene	16.94	178	12175	0.724	ng/ul	95
15) Fluoranthene	18.88	202	174147	7.413	ng/ul	99
17) Pyrene	19.25	202	144285	7.287	ng/ul	97
18) Benzo(a)anthracene	21.01	228	84916	4.896	ng/ul	99
19) Chrysene	21.07	228	91861	4.794	ng/ul	98
21) Benzo(b)fluoranthene	22.51	252	116228m	7.253	ng/ul	
22) Benzo(k)fluoranthene	22.55	252	37532m	2.119	ng/ul	
23) Benzo(a)pyrene	23.04	252	68912	4.634	ng/ul#	84
24) Indeno(1,2,3-cd)pyrene	25.18	276	41808	2.140	ng/ul#	98
25) Dibenzo(a,h)anthracene	25.19	278	11861	0.768	ng/ul#	94
26) Benzo(g,h,i)perylene	25.81	276	38068	2.155	ng/ul	97

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

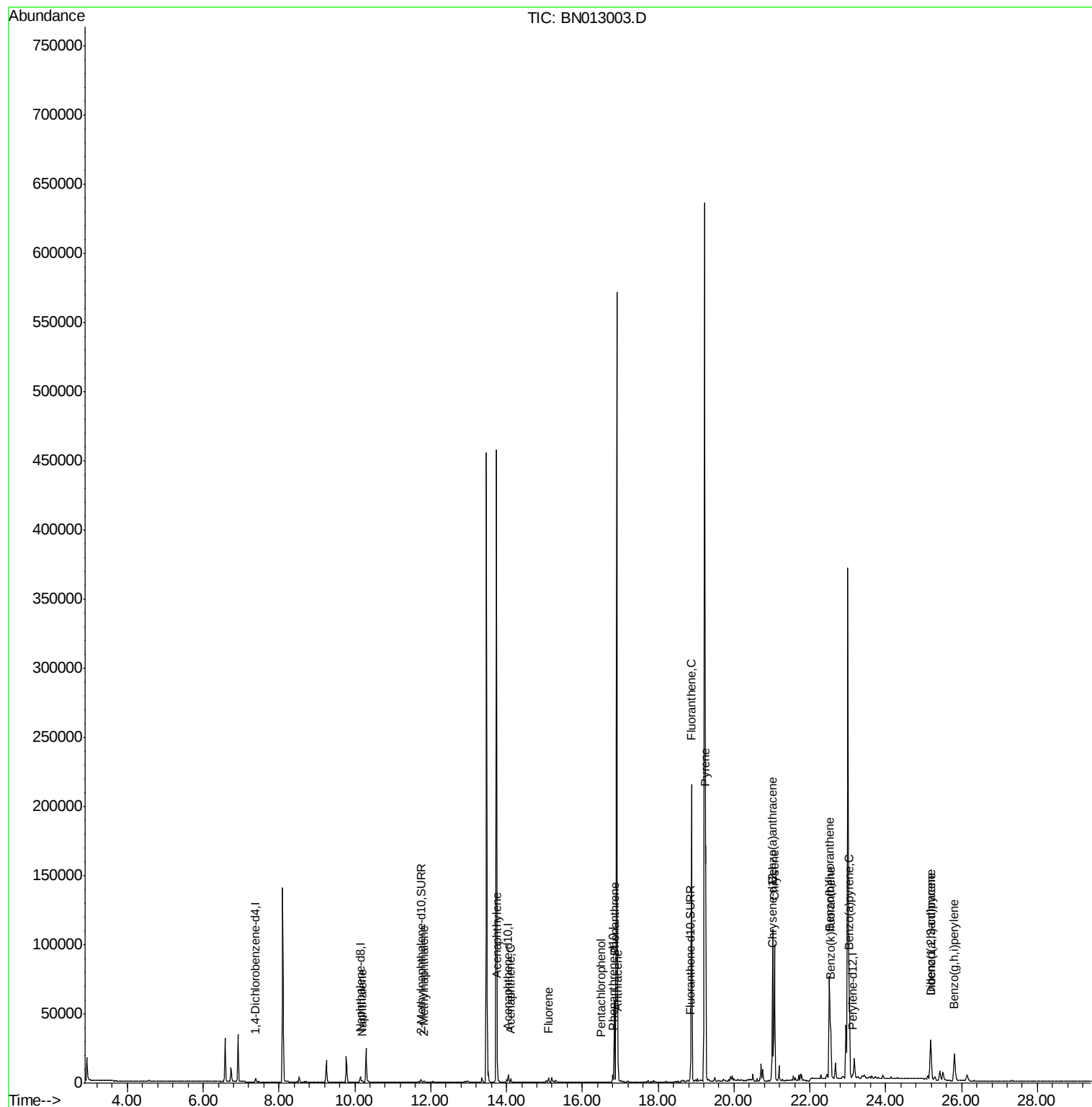
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120720\
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ALS Vial : 73 Sample Multiplier: 1

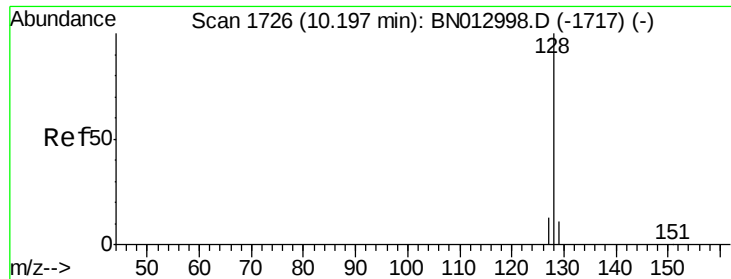
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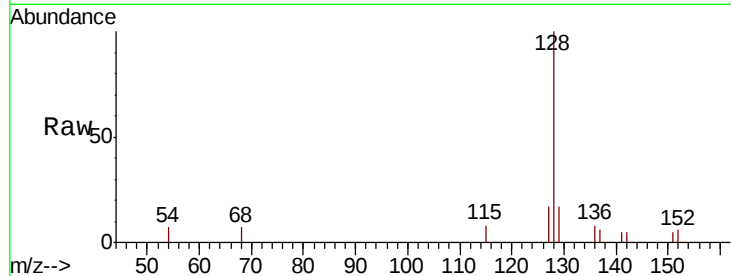
#3
Naphthalene
Concen: 0.113 ng/ul
RT: 10.19 min Scan# 1725
Delta R.T. -0.01 min
Lab File: BN013003.D
Acq: 09 Dec 2020 08:53

Instrument :
BNA_N
ClientSampleId :
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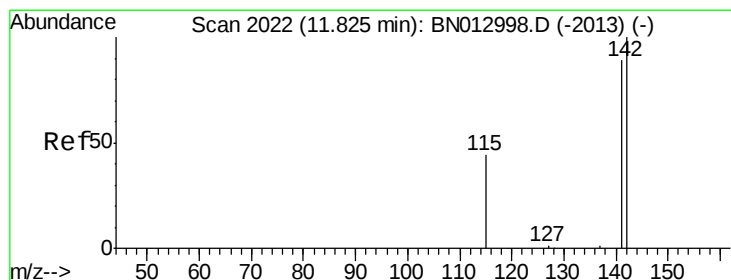
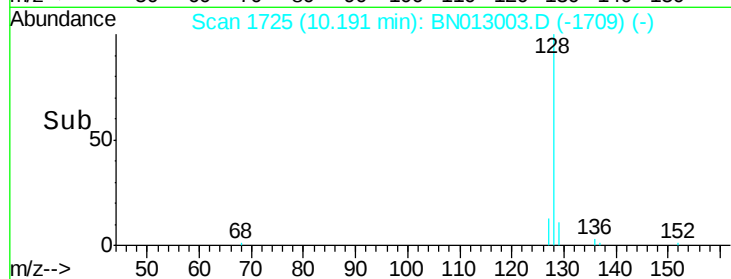
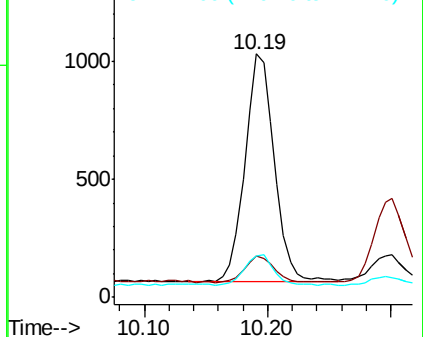
Tot Ion	Ratio	Lower	Upper
128	100		
129	17.2	12.3	18.5
127	17.0	14.2	21.4

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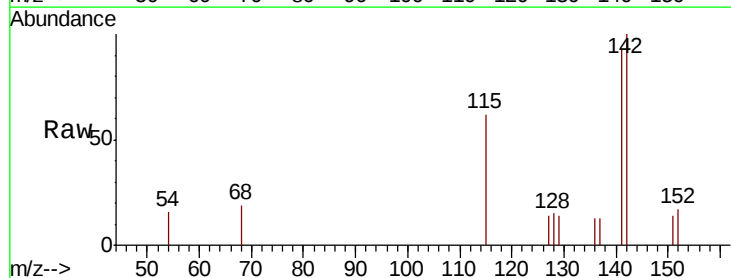


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

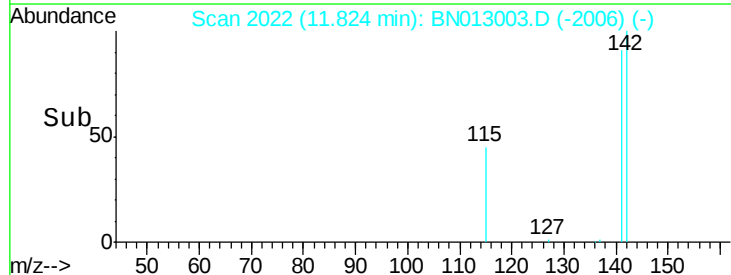
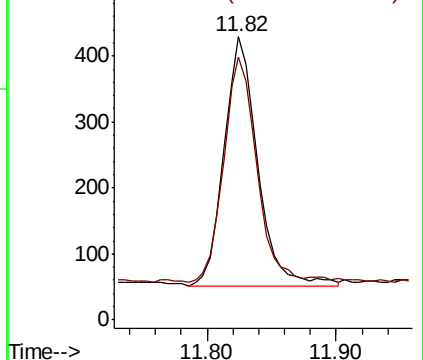


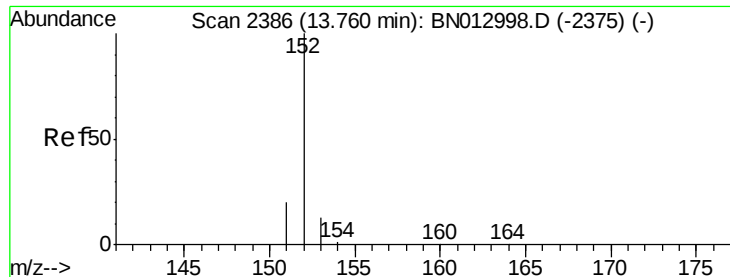
#5
2-Methylnaphthalene
Concen: 0.073 ng/ul
RT: 11.82 min Scan# 2022
Delta R.T. -0.01 min
Lab File: BN013003.D
Acq: 09 Dec 2020 08:53

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.6	73.0	109.6



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.122 ng/ul

RT: 13.76 min Scan# 2387

Delta R.T. -0.01 min

Lab File: BN013003.D

Acq: 09 Dec 2020 08:53

Instrument :

BNA_N

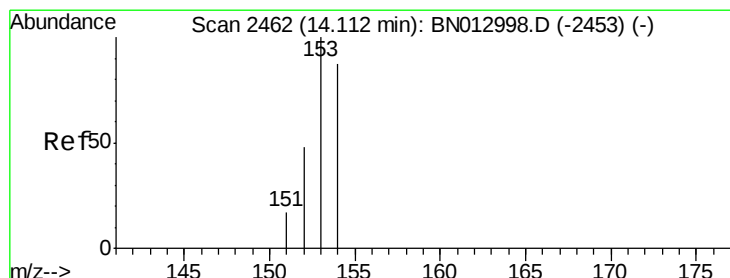
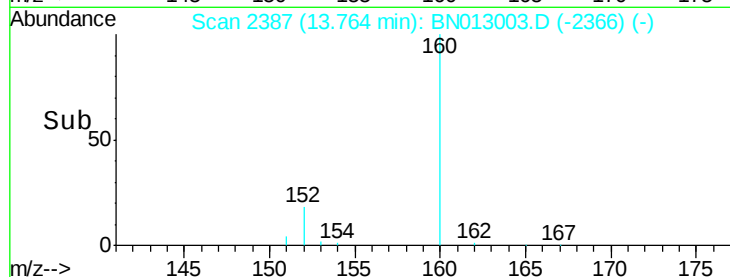
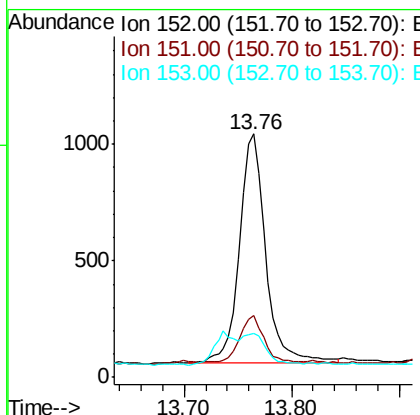
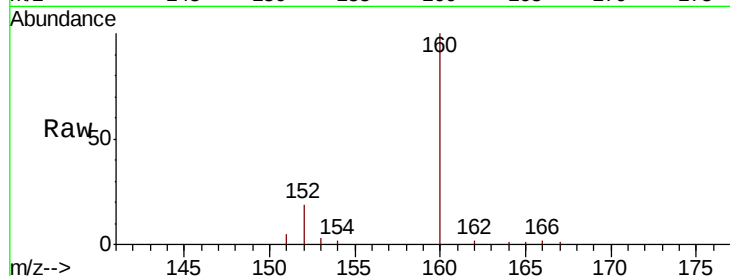
ClientSampled :

C0BH4

Tot Ion:	152	Resp:	1652
Ion Ratio	Lower	Upper	
152	100		
151	25.7	18.2	27.4
153	18.2	13.1	19.7

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#8

Acenaphthene

Concen: 0.147 ng/ul

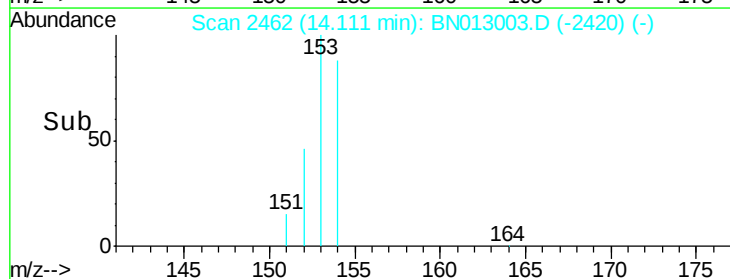
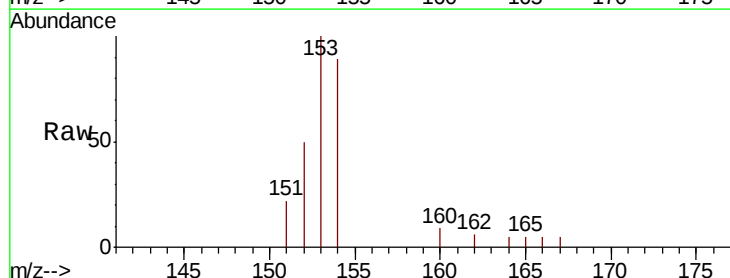
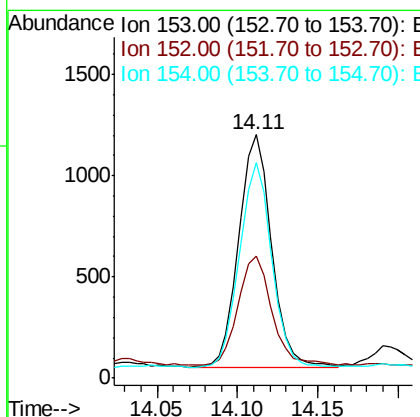
RT: 14.11 min Scan# 2462

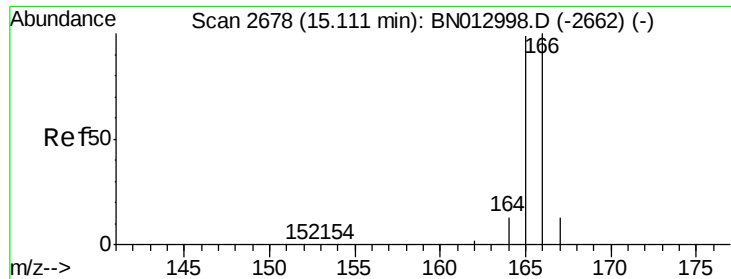
Delta R.T. -0.01 min

Lab File: BN013003.D

Acq: 09 Dec 2020 08:53

Tgt Ion:	153	Resp:	1630
Ion Ratio	Lower	Upper	
153	100		
152	50.1	40.7	61.1
154	88.5	70.8	106.2





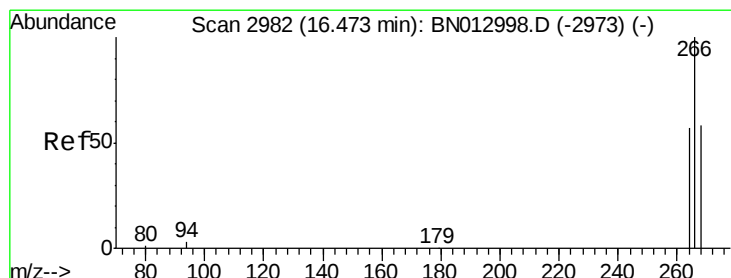
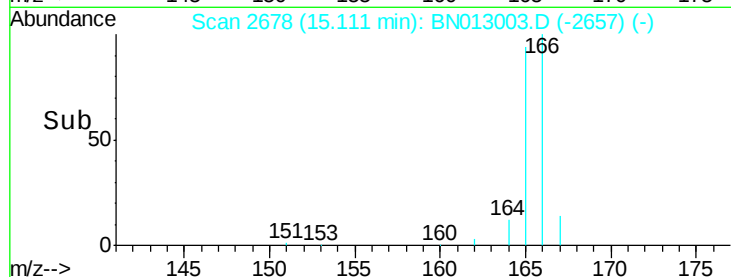
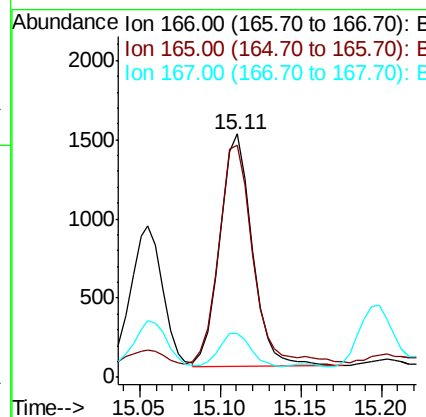
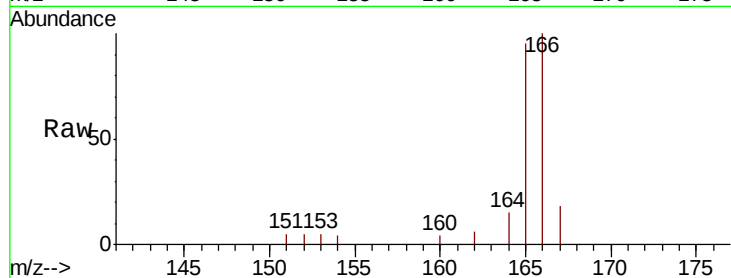
#9
Fluorene
 Concen: 0.160 ng/ul
 RT: 15.11 min Scan# 2678
 Delta R.T. -0.01 min
 Lab File: BN013003.D
 Acq: 09 Dec 2020 08:53

Instrument :
 BNA_N
 ClientSampleId :
 C0BH4

Tot Ion:	166	Resp:	2039
Ion Ratio	Lower	Upper	
166	100		
165	95.3	79.8	119.8
167	18.2	13.8	20.8

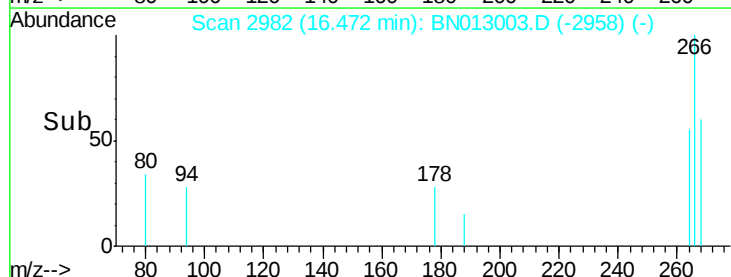
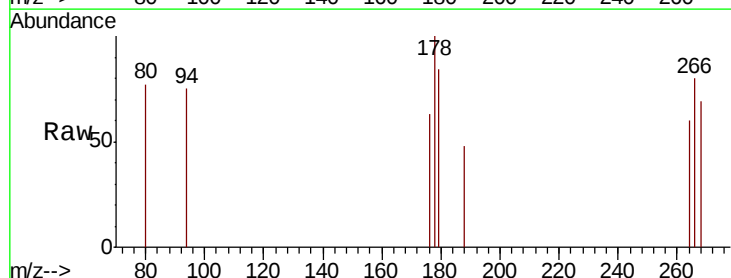
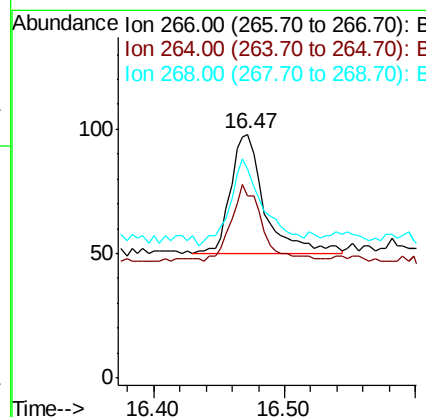
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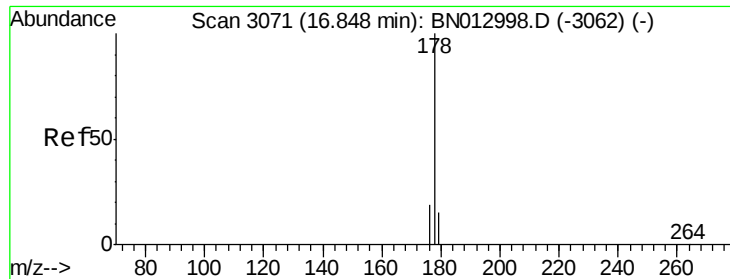
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#11
Pentachlorophenol
 Concen: 0.052 ng/ul
 RT: 16.47 min Scan# 2982
 Delta R.T. -0.00 min
 Lab File: BN013003.D
 Acq: 09 Dec 2020 08:53

Tgt Ion:	266	Resp:	88
Ion Ratio	Lower	Upper	
266	100		
264	58.0	51.5	77.3
268	71.6	56.0	84.0





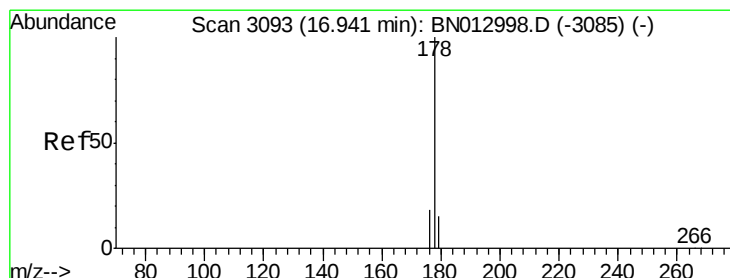
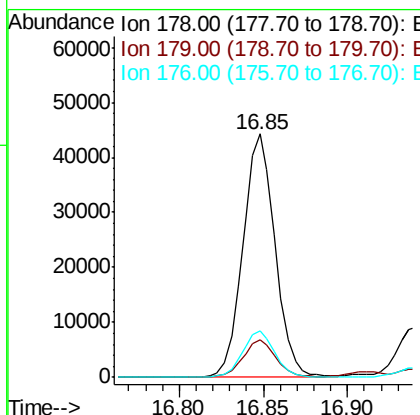
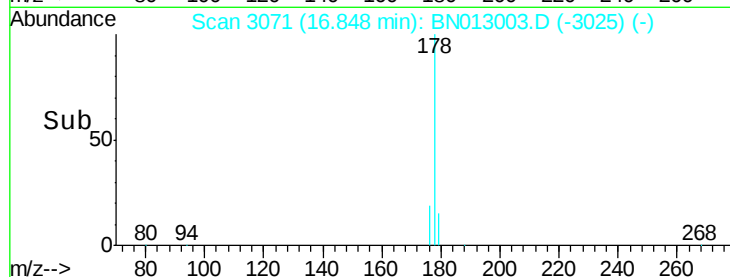
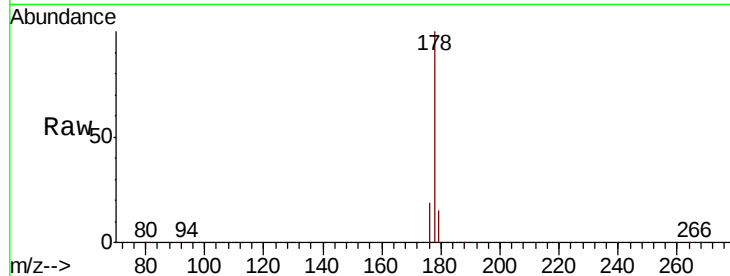
#12
Phenanthrene
Concen: 2.960 ng/ul
RT: 16.85 min Scan# 3071
Delta R.T. -0.00 min
Lab File: BN013003.D
Acq: 09 Dec 2020 08:53

Instrument :
BNA_N
ClientSampleId :
C0BH4

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.4	13.6	20.4
176	18.9	16.4	24.6

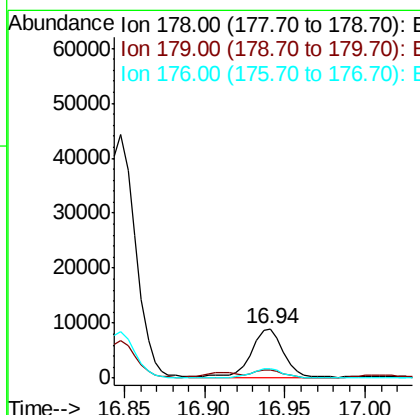
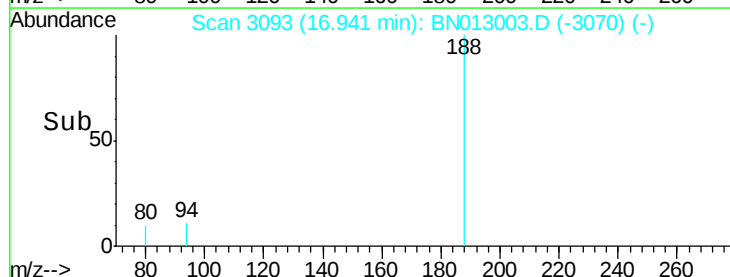
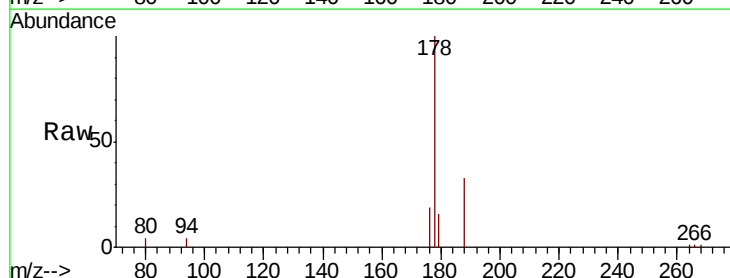
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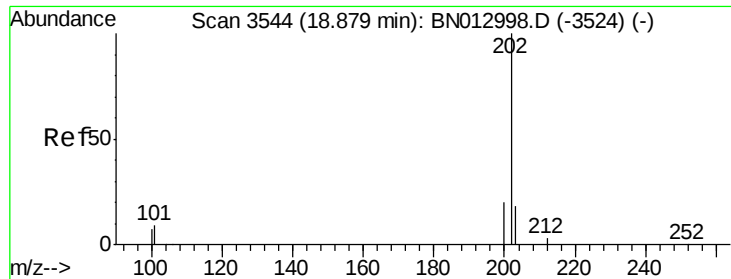
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#13
Anthracene
Concen: 0.724 ng/ul
RT: 16.94 min Scan# 3093
Delta R.T. -0.00 min
Lab File: BN013003.D
Acq: 09 Dec 2020 08:53

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.4	14.6	21.8
176	18.7	17.1	25.7





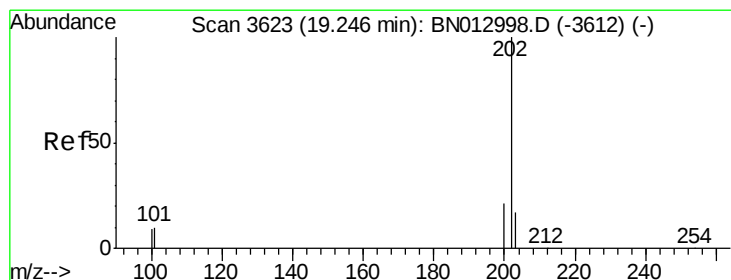
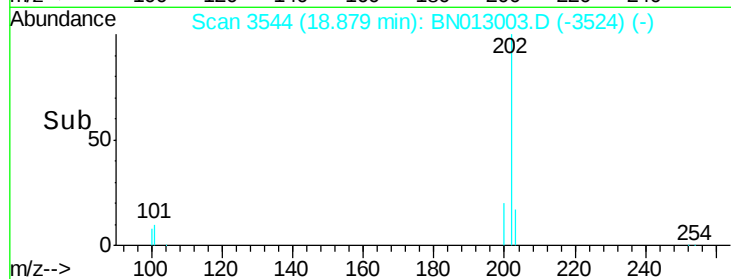
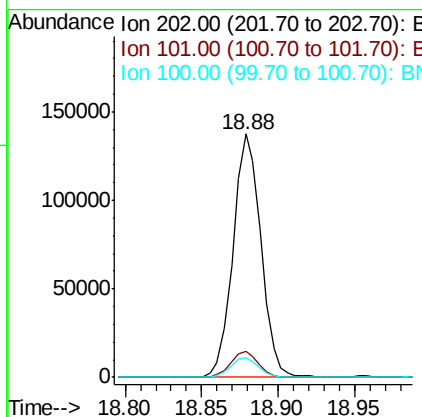
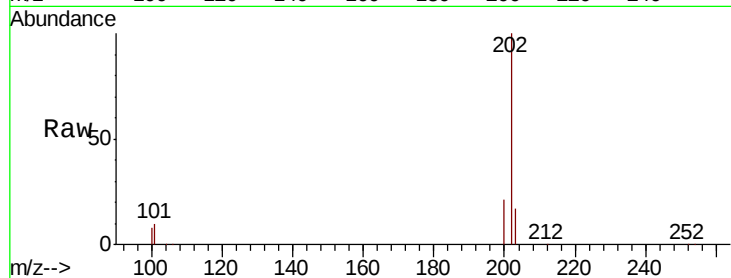
#15
Fluoranthene
 Concen: 7.413 ng/ul
 RT: 18.88 min Scan# 3544
 Delta R.T. -0.01 min
 Lab File: BN013003.D
 Acq: 09 Dec 2020 08:53

Instrument :
 BNA_N
 ClientSampleId :
 C0BH4

Tot Ion:	202	Resp:	174147
Ion Ratio	Lower	Upper	
202	100		
101	10.5	0.0	30.6
100	8.0	0.0	28.7

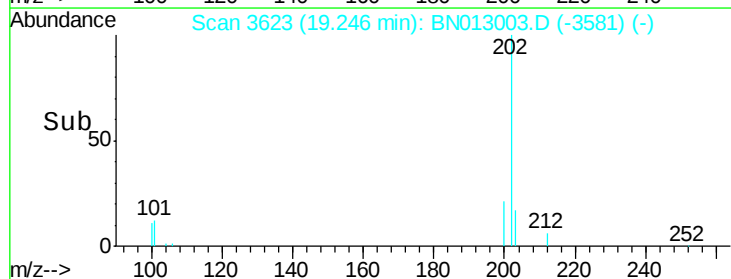
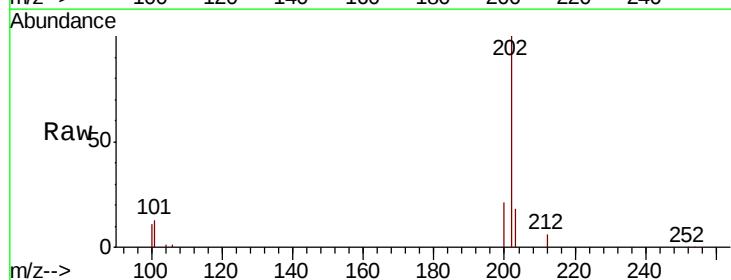
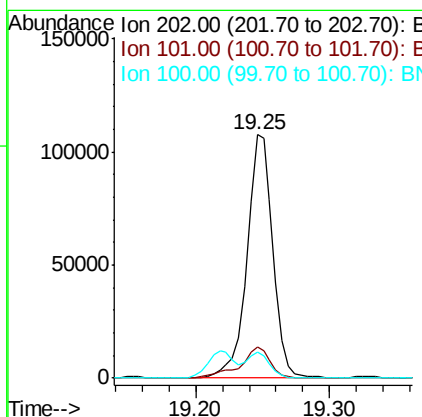
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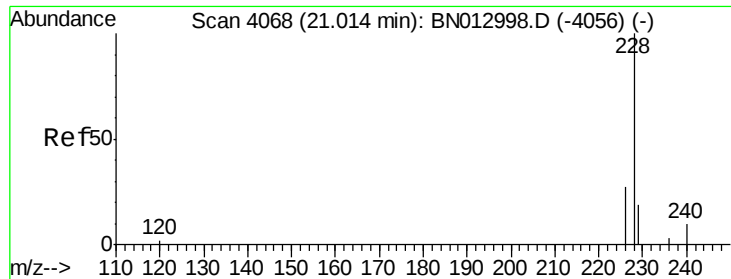
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#17
Pyrene
 Concen: 7.287 ng/ul
 RT: 19.25 min Scan# 3623
 Delta R.T. -0.01 min
 Lab File: BN013003.D
 Acq: 09 Dec 2020 08:53

Tgt Ion:	202	Resp:	144285
Ion Ratio	Lower	Upper	
202	100		
101	12.6	9.1	13.7
100	10.6	7.5	11.3





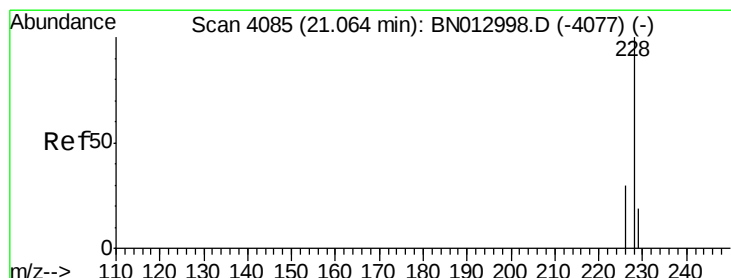
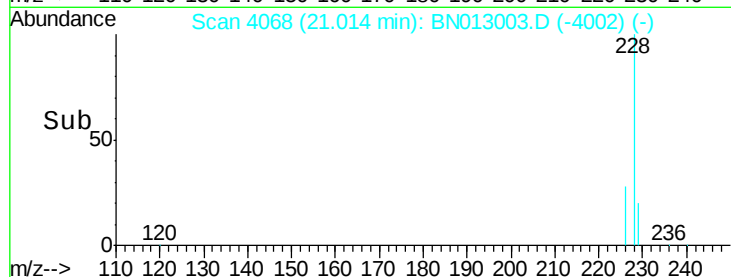
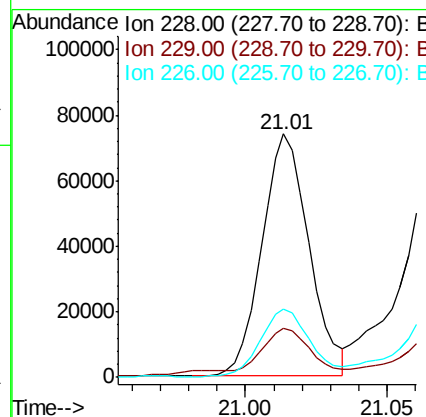
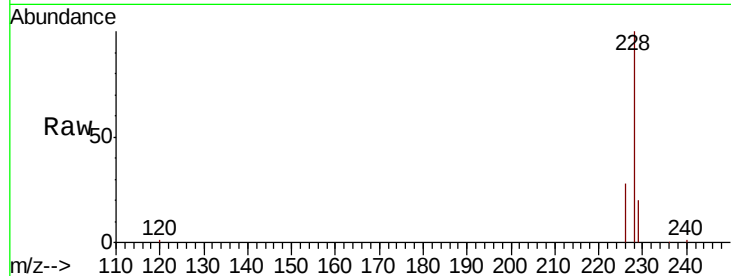
#18
Benzo(a)anthracene
Concen: 4.896 ng/ul
RT: 21.01 min Scan# 4068
Delta R.T. -0.01 min
Lab File: BN013003.D
Acq: 09 Dec 2020 08:53

Instrument :
BNA_N
ClientSampleId :
C0BH4

Tot Ion	Ratio	Lower	Upper
228	100		
229	20.3	16.3	24.5
226	28.1	23.4	35.2

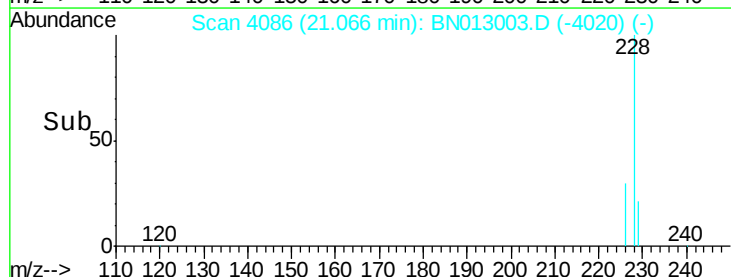
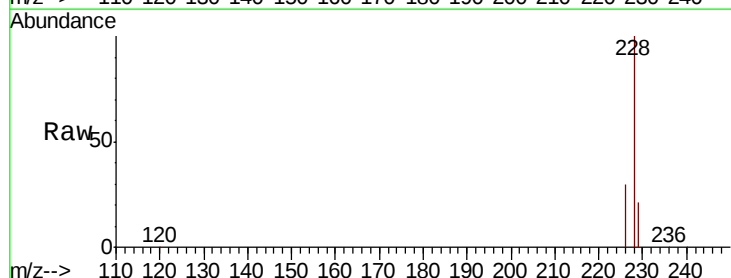
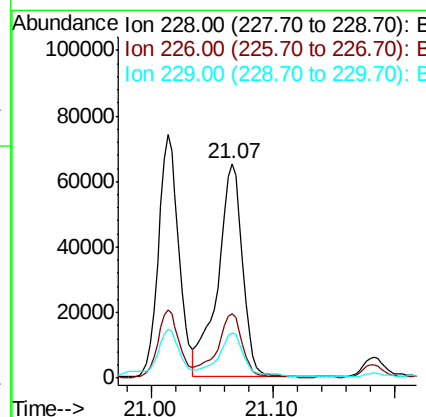
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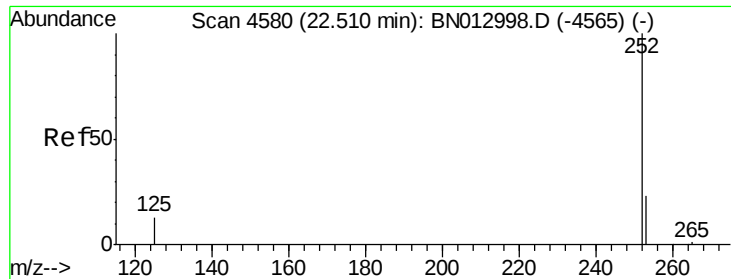
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#19
Chrysene
Concen: 4.794 ng/ul
RT: 21.07 min Scan# 4086
Delta R.T. -0.01 min
Lab File: BN013003.D
Acq: 09 Dec 2020 08:53

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.2	25.0	37.6
229	21.3	16.4	24.6





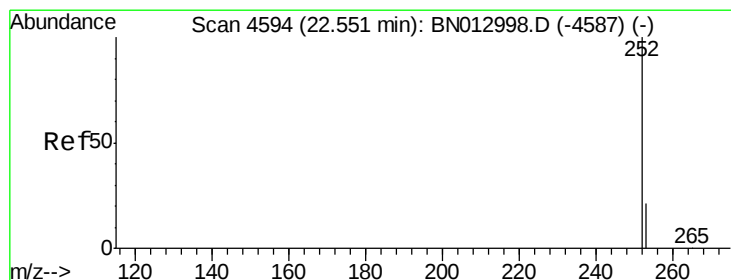
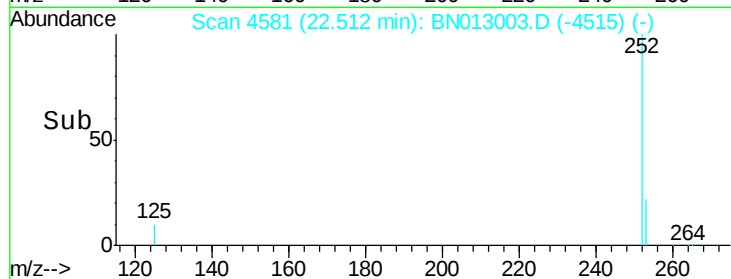
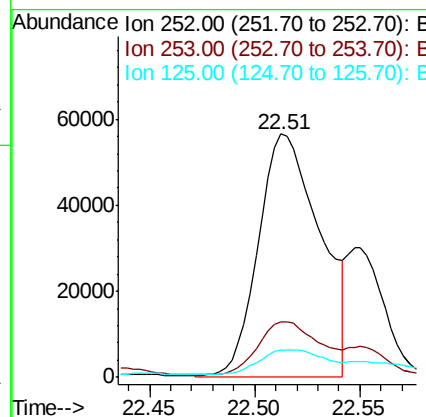
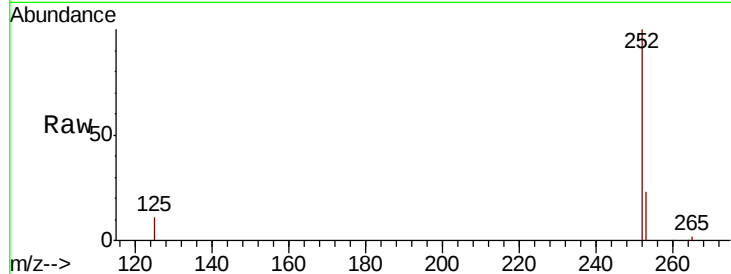
#21
Benzo(b)fluoranthene
Concen: 7.253 ng/ul m
RT: 22.51 min Scan# 4581
Delta R.T. -0.01 min
Lab File: BN013003.D
Acq: 09 Dec 2020 08:53

Instrument :
BNA_N
ClientSampleId :
C0BH4

Tot Ion	Ratio	Resp	Lower	Upper
252	100	116228		
253	22.9	0.0	59.6	
125	11.2	0.0	26.0	

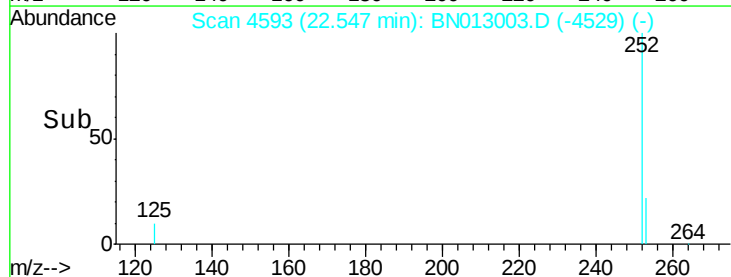
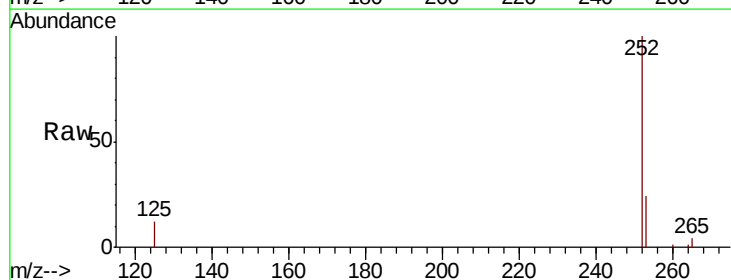
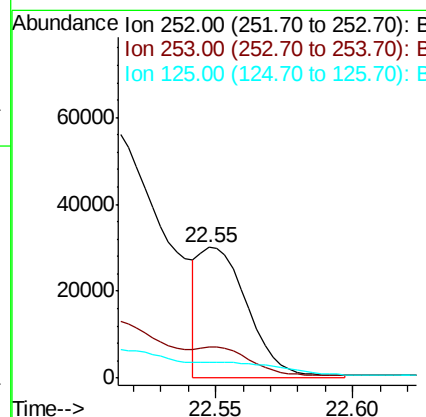
Manual Integrations
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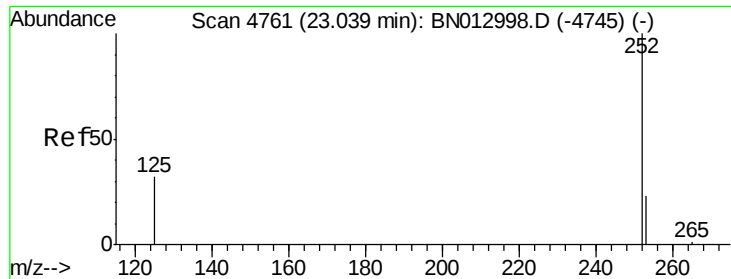
mohammad
12/9/2020 12:26:05 PM



#22
Benzo(k)fluoranthene
Concen: 2.119 ng/ul m
RT: 22.55 min Scan# 4593
Delta R.T. -0.01 min
Lab File: BN013003.D
Acq: 09 Dec 2020 08:53

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	37532		
253	23.5	23.4	35.2	
125	12.0	11.1	16.7	





#23

Benzo(a)pyrene

Concen: 4.634 ng/ul

RT: 23.04 min Scan# 4762

Delta R.T. -0.00 min

Lab File: BN013003.D

Acq: 09 Dec 2020 08:53

Instrument :

BNA_N

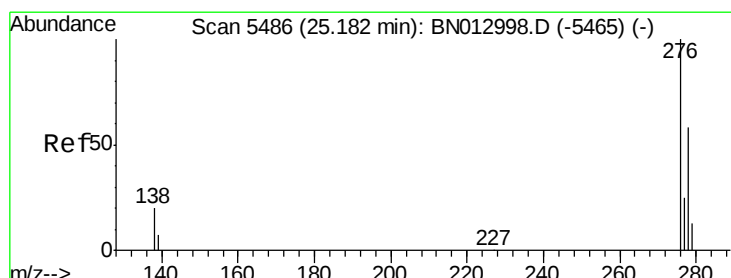
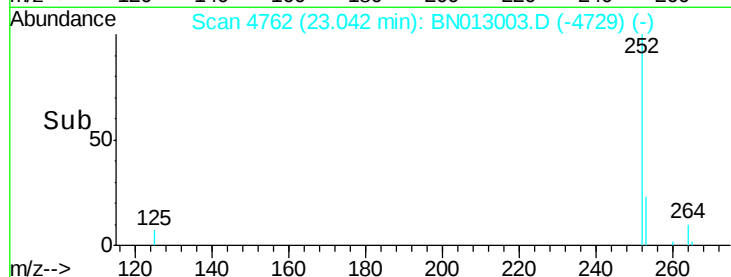
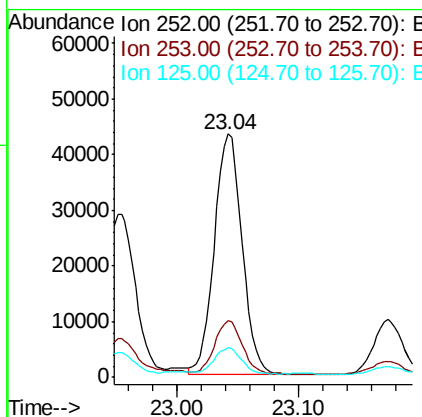
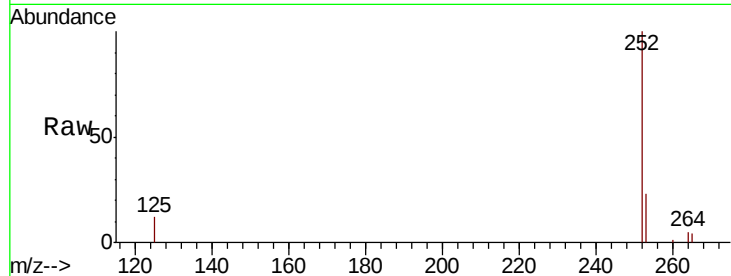
ClientSampled :

C0BH4

Tot Ion:	252	Resp:	68912
Ion Ratio	Lower	Upper	
252	100		
253	23.4	26.5	39.7#
125	12.1	14.2	21.2#

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#24

Indeno(1,2,3-cd)pyrene

Concen: 2.140 ng/ul

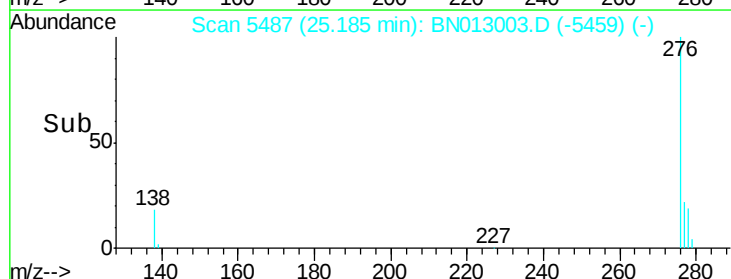
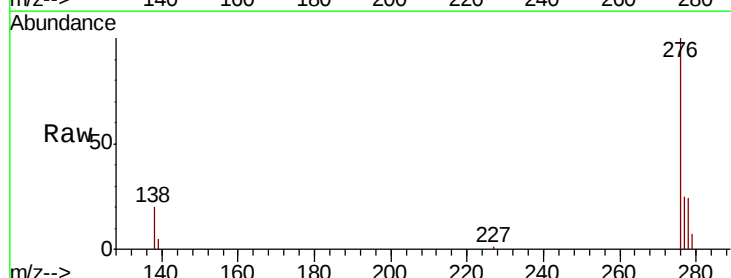
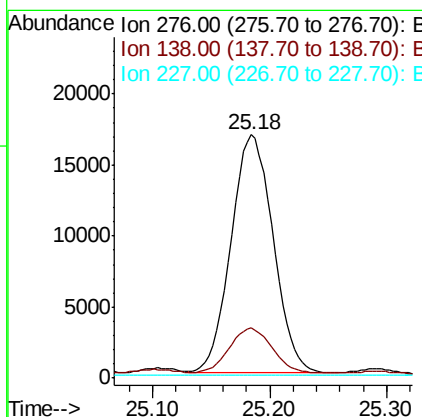
RT: 25.18 min Scan# 5487

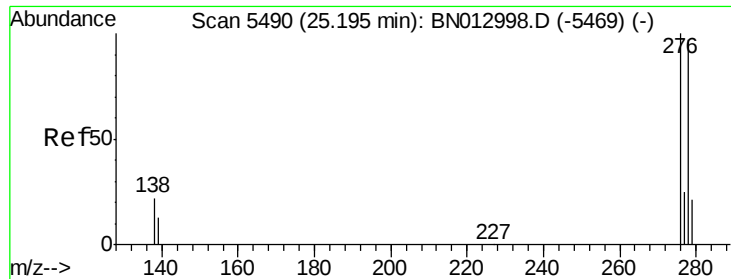
Delta R.T. -0.01 min

Lab File: BN013003.D

Acq: 09 Dec 2020 08:53

Tgt Ion:	276	Resp:	41808
Ion Ratio	Lower	Upper	
276	100		
138	19.2	16.2	24.2
227	0.1	0.0	0.0#





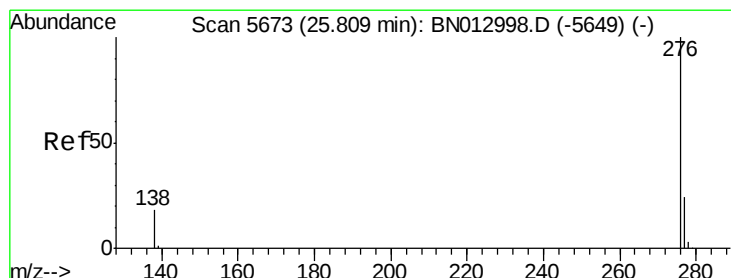
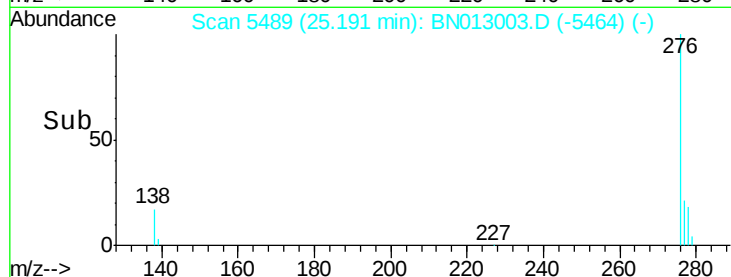
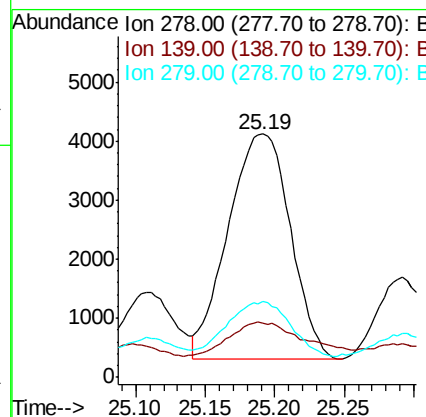
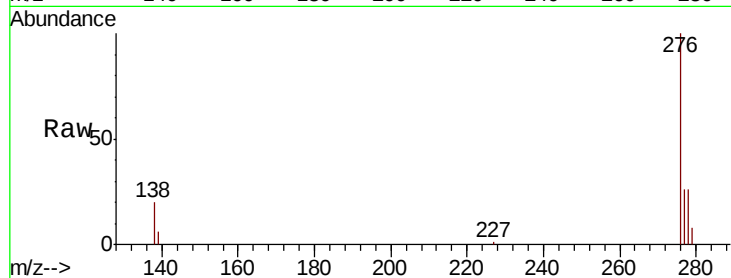
#25
Dibenzo(a,h)anthracene
Concen: 0.768 ng/u1
RT: 25.19 min Scan# 5489
Delta R.T. -0.02 min
Lab File: BN013003.D
Acq: 09 Dec 2020 08:53

Instrument :
BNA_N
ClientSampled :
C0BH4

Tot Ion	Ratio	Lower	Upper
278	100		
139	22.4	14.5	21.7#
279	31.1	26.3	39.5

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#26
Benzo(g,h,i)perylene
Concen: 2.155 ng/u1
RT: 25.81 min Scan# 5674
Delta R.T. -0.01 min
Lab File: BN013003.D
Acq: 09 Dec 2020 08:53

Tgt Ion	Ratio	Lower	Upper
276	100		
138	20.6	16.3	24.5
277	24.8	21.8	32.6

