

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN112020\
 Data File : BN012667.D
 Acq On : 20 Nov 2020 20:03
 Operator : CG/JU
 Sample : L4710-16
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0B45

Manual Integrations
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Quant Time: Nov 21 00:55:10 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN112020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Nov 21 00:16:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.44	152	925	0.40	ng/ul	0.00
2) Naphthalene-d8	10.21	136	3702	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.10	164	2156	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.85	188	4362	0.40	ng/ul	0.00
16) Chrysene-d12	21.07	240	4228	0.40	ng/ul	0.00
20) Perylene-d12	23.18	264	3714	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.81	152	1002	0.19	ng/ul	-0.01
14) Fluoranthene-d10	18.89	212	2380	0.21	ng/ul	0.00
Target Compounds					Ovalue	
3) Naphthalene	10.26	128	514	0.046	ng/ul#	77
5) 2-Methylnaphthalene	11.89	142	266	0.037	ng/ul	96
7) Acenaphthylene	13.82	152	3113	0.296	ng/ul	99
8) Acenaphthene	14.16	153	576	0.065	ng/ul	98
9) Fluorene	15.16	166	1088	0.112	ng/ul#	97
12) Phenanthrene	16.89	178	52002	3.426	ng/ul	95
13) Anthracene	16.98	178	9856	0.747	ng/ul	95
15) Fluoranthene	18.92	202	231604	13.217	ng/ul	99
17) Pyrene	19.29	202	187836	9.932	ng/ul	100
18) Benzo(a)anthracene	21.05	228	102299	6.752	ng/ul	98
19) Chrysene	21.10	228	127761	6.751	ng/ul	99
21) Benzo(b)fluoranthene	22.56	252	181863m	10.644	ng/ul	
22) Benzo(k)fluoranthene	22.59	252	67117m	3.406	ng/ul	
23) Benzo(a)pyrene	23.09	252	114279	7.107	ng/ul#	79
24) Indeno(1,2,3-cd)pyrene	25.26	276	89962	4.278	ng/ul#	97
25) Dibenzo(a,h)anthracene	25.27	278	20156	1.193	ng/ul	92
26) Benzo(a,h,i)perylene	25.90	276	81107	4.286	ng/ul	96

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

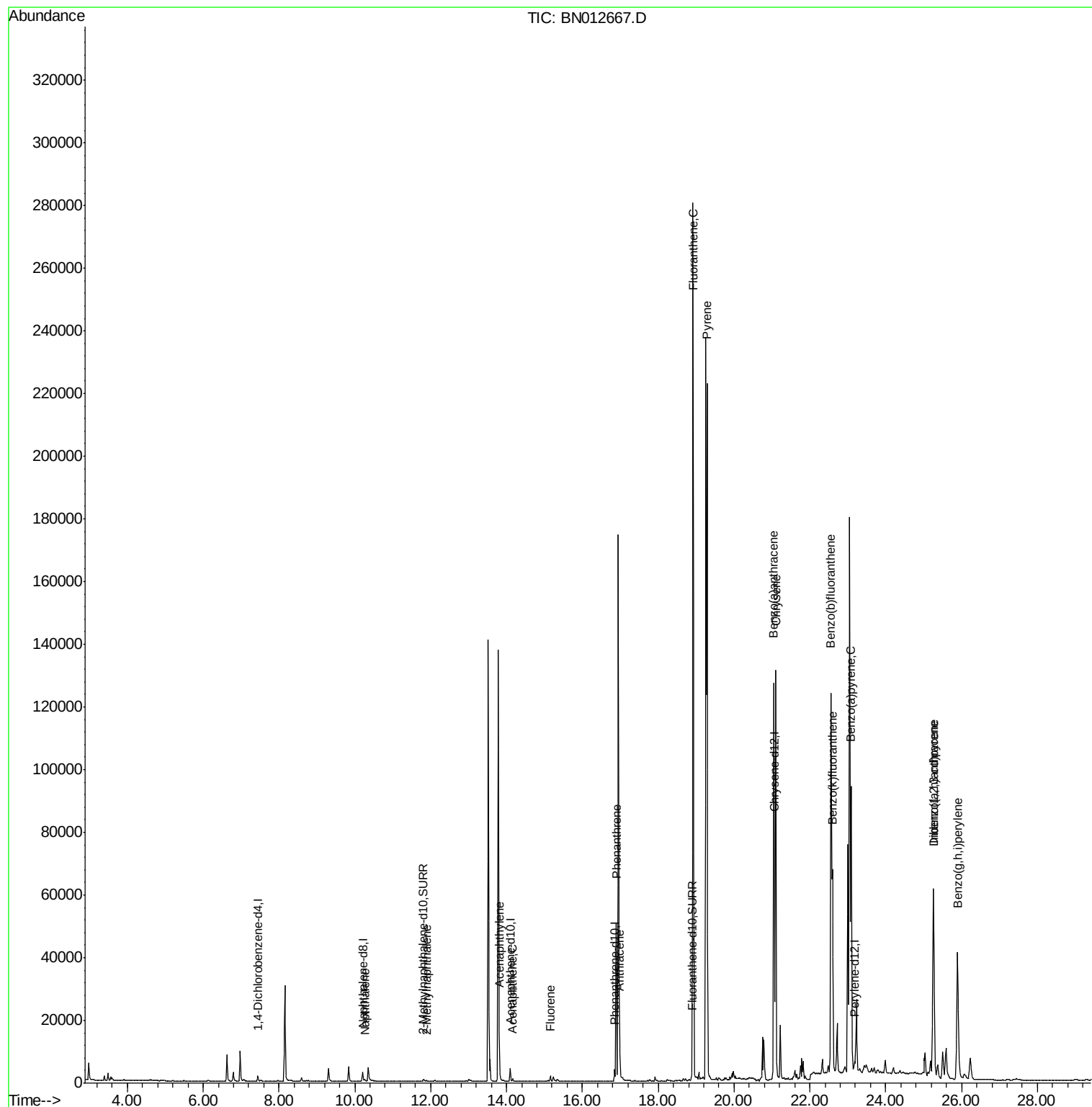
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN112020\
Data File : BN012667.D
Acq On : 20 Nov 2020 20:03
Operator : CG/JU
Sample : L4710-16
Misc :
ALS Vial : 14 Sample Multiplier: 1

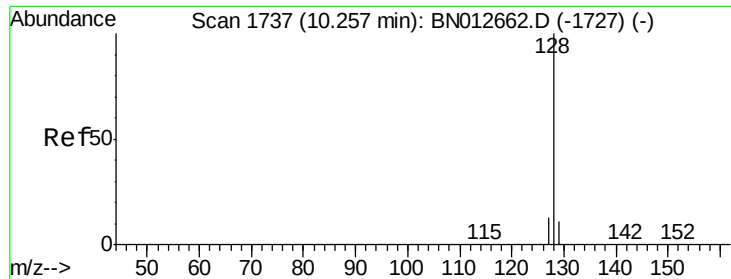
Instrument :
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Quant Time: Nov 21 00:55:10 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN112020.M
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#3

Naphthalene

Concen: 0.046 ng/ul

RT: 10.26 min Scan# 1737

Delta R.T. -0.01 min

Lab File: BN012667.D

Acq: 20 Nov 2020 20:03

Instrument :

BNA_N

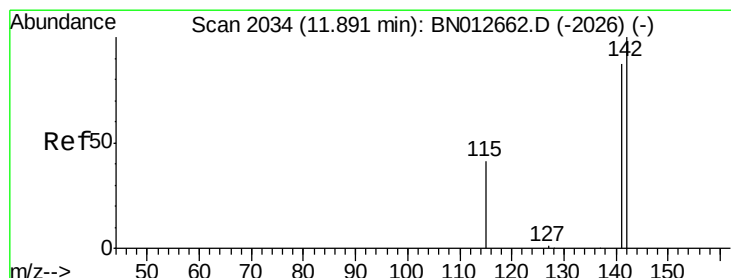
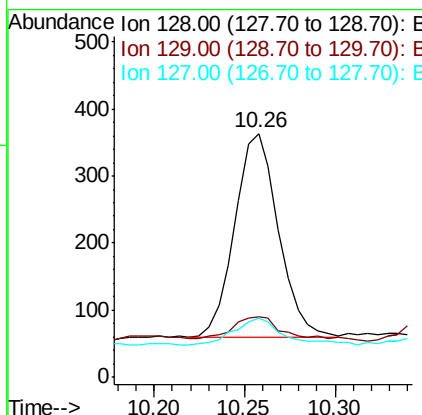
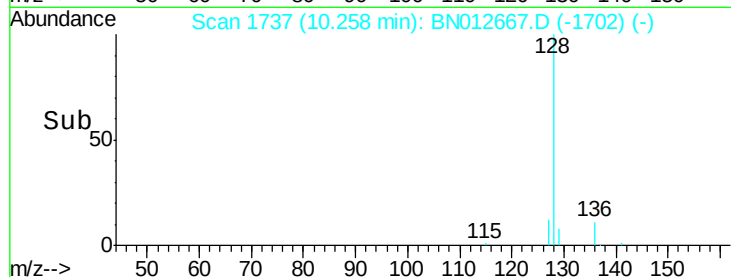
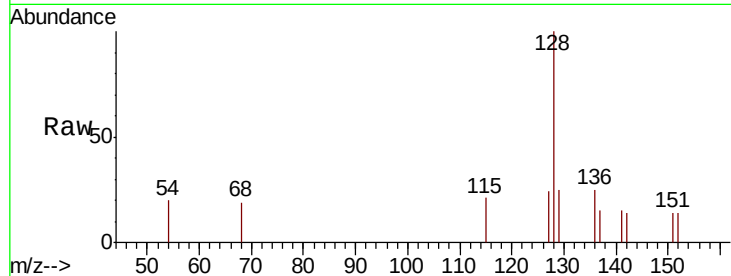
ClientSampleId :

C0B45

Tot Ion:	128	Resp:	514
Ion	Ratio	Lower	Upper
128	100		
129	24.8	11.2	16.8#
127	24.2	12.5	18.7#

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#5

2-Methylnaphthalene

Concen: 0.037 ng/ul

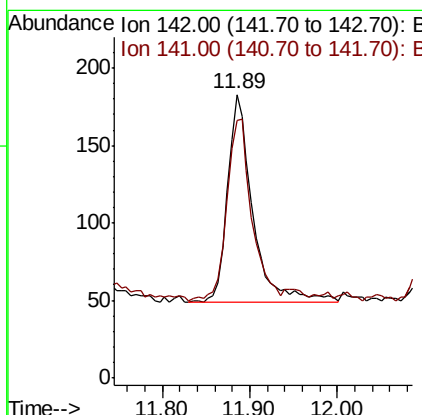
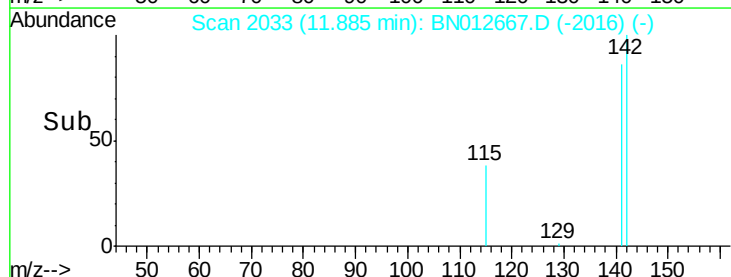
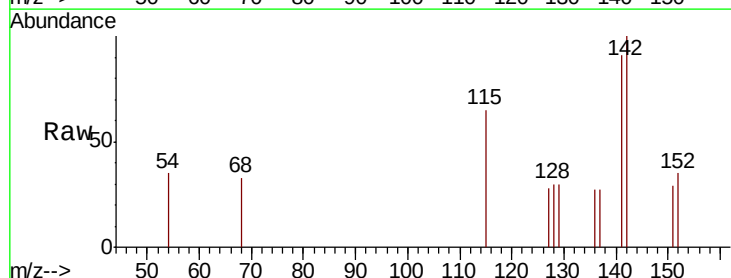
RT: 11.89 min Scan# 2033

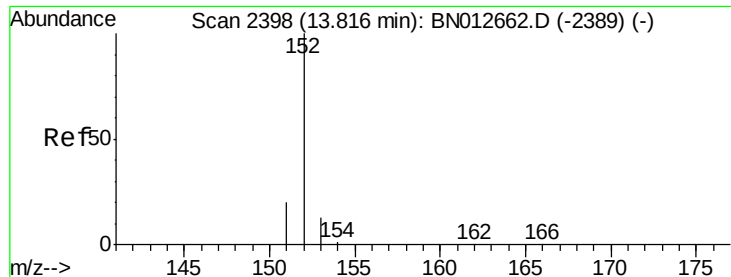
Delta R.T. -0.01 min

Lab File: BN012667.D

Acq: 20 Nov 2020 20:03

Tgt Ion:	142	Resp:	266
Ion	Ratio	Lower	Upper
142	100		
141	86.5	72.3	108.5





#7

Acenaphthylene

Concen: 0.296 ng/ul

RT: 13.82 min Scan# 2398

Delta R.T. -0.00 min

Lab File: BN012667.D

Acq: 20 Nov 2020 20:03

Instrument :

BNA_N

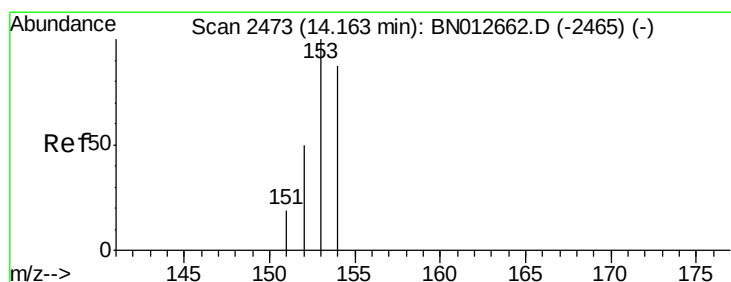
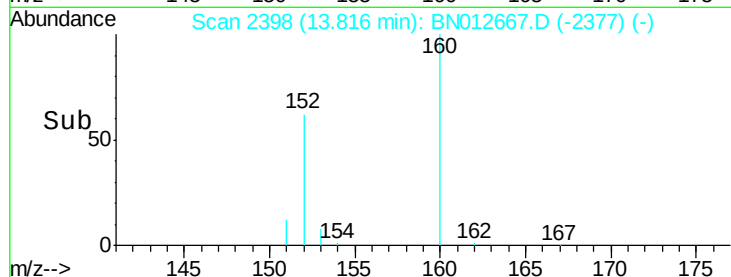
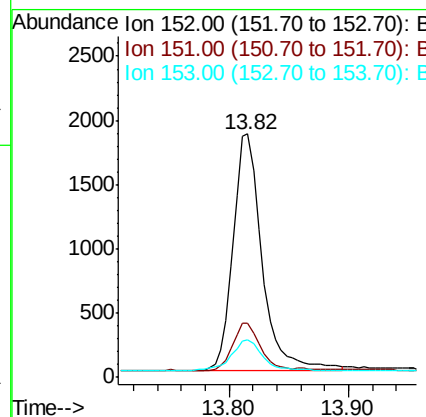
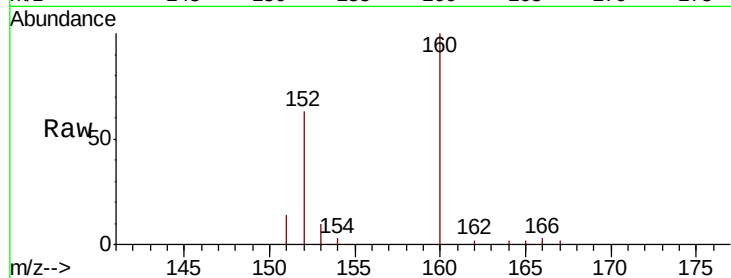
ClientSampleId :

C0B45

Tot Ion:	152	Resp:	3113
Ion	Ratio	Lower	Upper
152	100		
151	22.3	17.1	25.7
153	15.3	12.6	19.0

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#8

Acenaphthene

Concen: 0.065 ng/ul

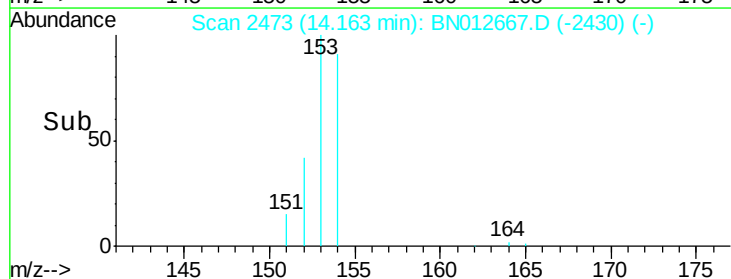
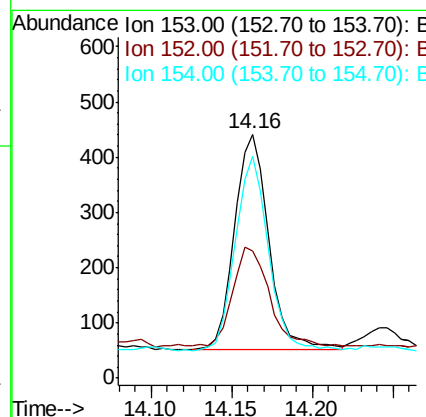
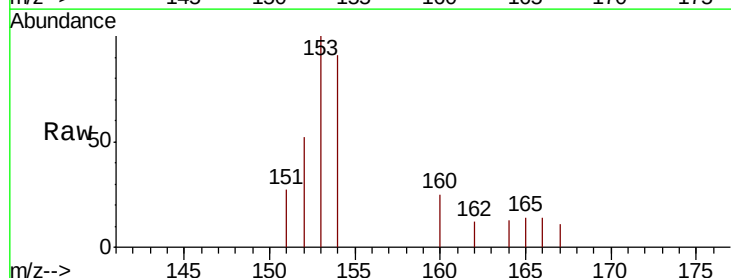
RT: 14.16 min Scan# 2473

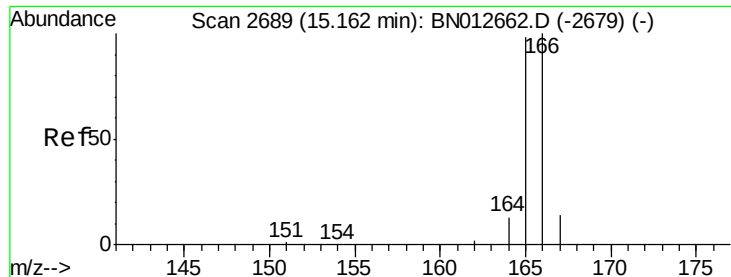
Delta R.T. 0.00 min

Lab File: BN012667.D

Acq: 20 Nov 2020 20:03

Tgt Ion:	153	Resp:	576
Ion	Ratio	Lower	Upper
153	100		
152	52.2	41.4	62.0
154	91.2	70.9	106.3





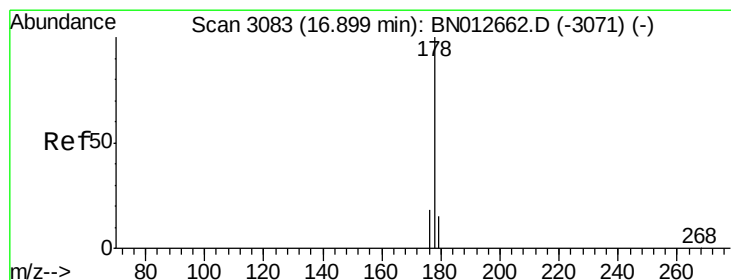
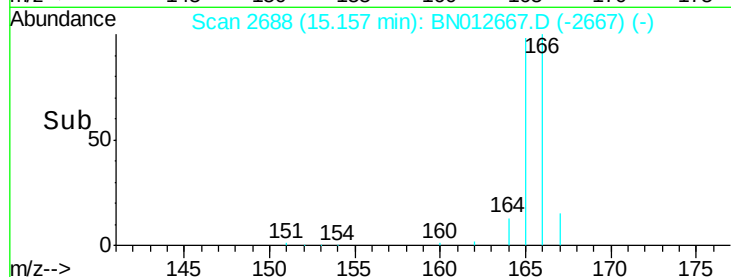
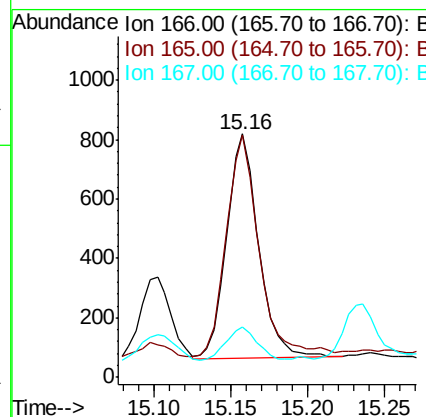
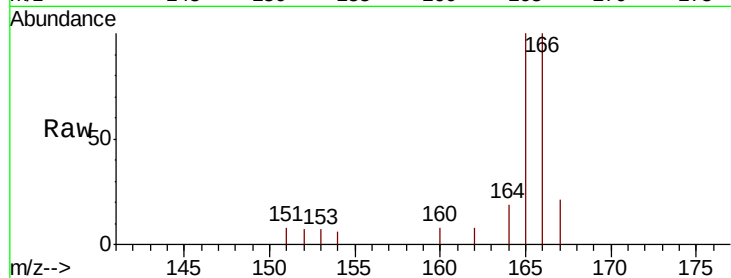
#9
Fluorene
 Concen: 0.112 ng/ul
 RT: 15.16 min Scan# 2688
 Delta R.T. -0.00 min
 Lab File: BN012667.D
 Acq: 20 Nov 2020 20:03

Instrument :
 BNA_N
 ClientSampled :
 C0B45

Tot Ion	Ratio	Lower	Upper
166	100		
165	99.5	78.5	117.7
167	20.6	12.7	19.1#

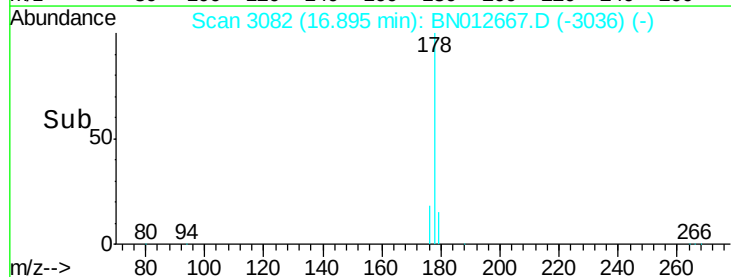
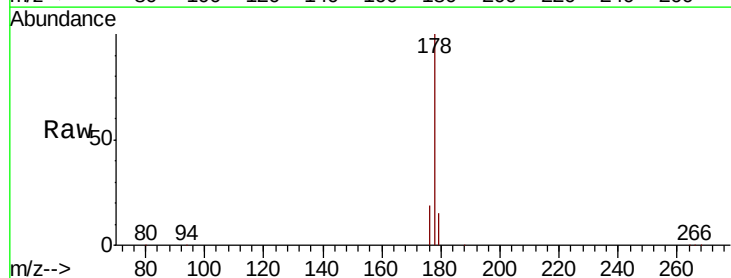
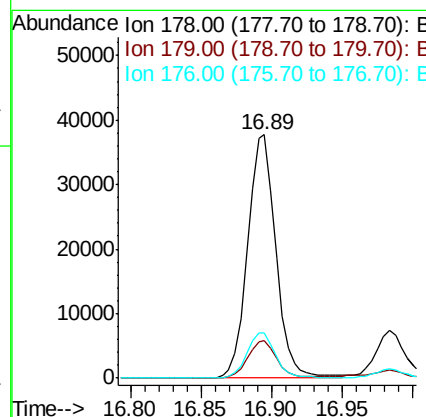
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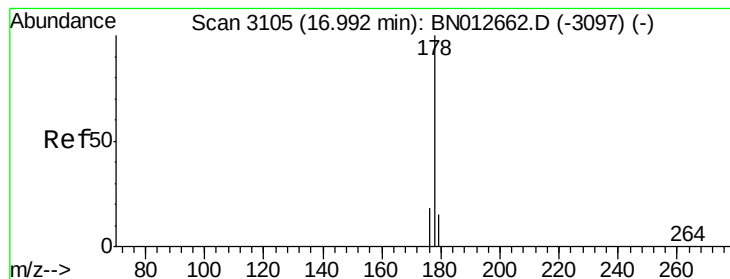
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#12
Phenanthrene
 Concen: 3.426 ng/ul
 RT: 16.89 min Scan# 3082
 Delta R.T. -0.00 min
 Lab File: BN012667.D
 Acq: 20 Nov 2020 20:03

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.5	13.8	20.6
176	18.6	16.7	25.1





#13

Anthracene

Concen: 0.747 ng/ul

RT: 16.98 min Scan# 3103

Delta R.T. -0.01 min

Lab File: BN012667.D

Acq: 20 Nov 2020 20:03

Instrument :

BNA_N

ClientSampled :

C0B45

Tot Ion:178 Resp: 9856

Ion Ratio Lower Upper

178 100

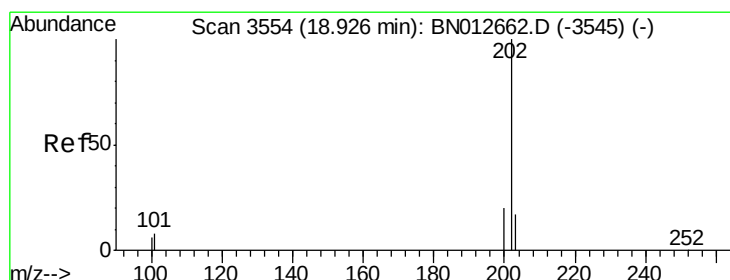
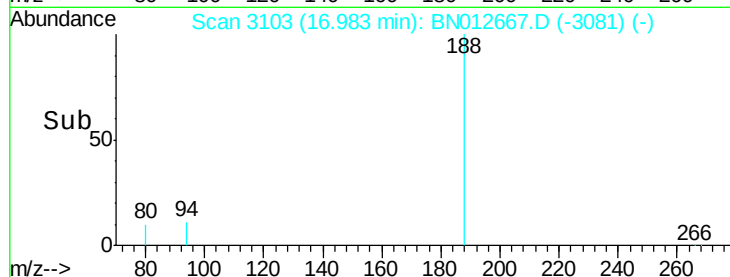
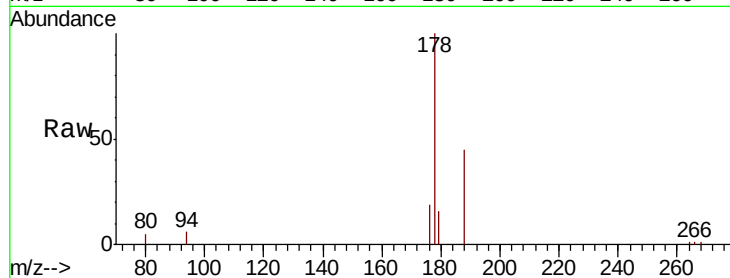
179 16.1 14.8 22.2

176 18.7 16.3 24.5

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#15

Fluoranthene

Concen: 13.217 ng/ul

RT: 18.92 min Scan# 3553

Delta R.T. -0.00 min

Lab File: BN012667.D

Acq: 20 Nov 2020 20:03

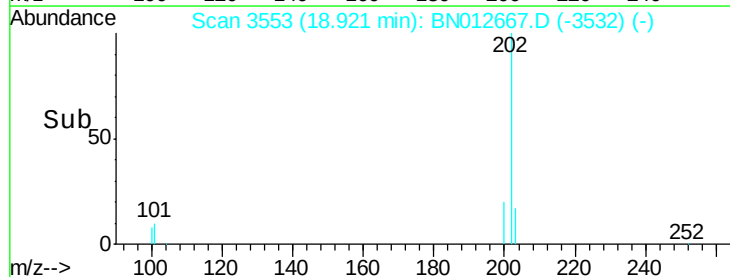
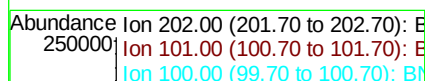
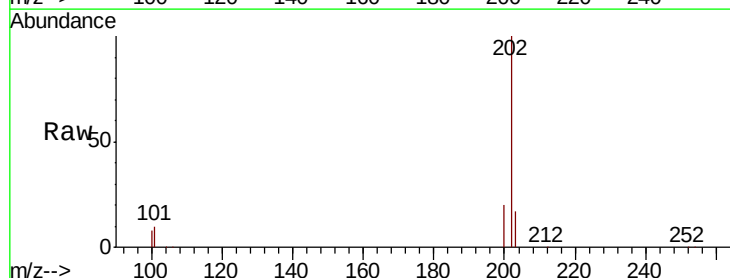
Tgt Ion:202 Resp: 231604

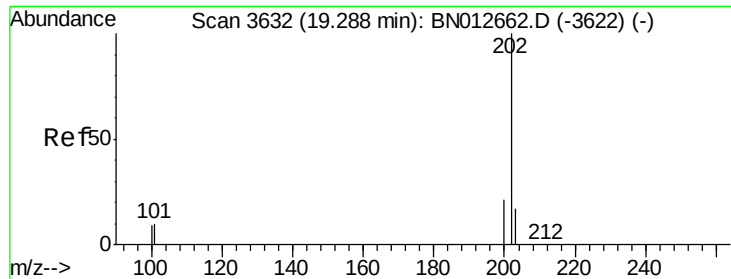
Ion Ratio Lower Upper

202 100

101 10.1 0.0 30.5

100 7.7 0.0 28.4





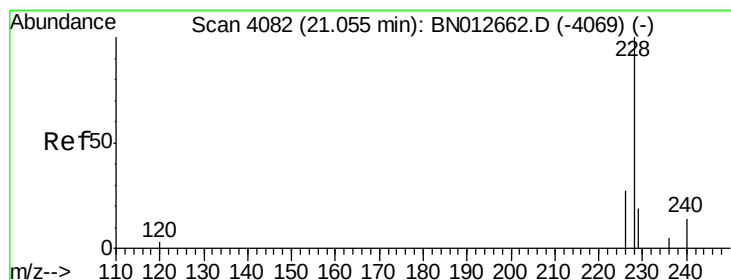
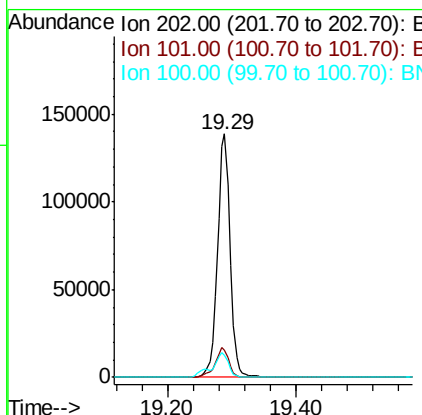
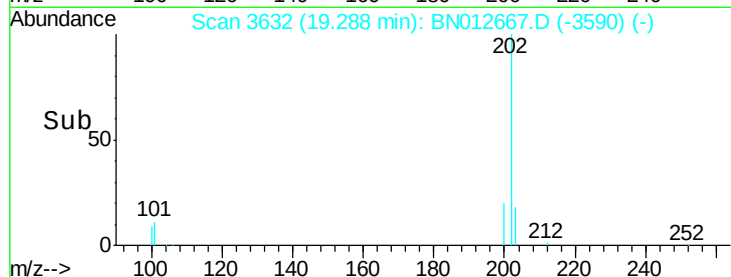
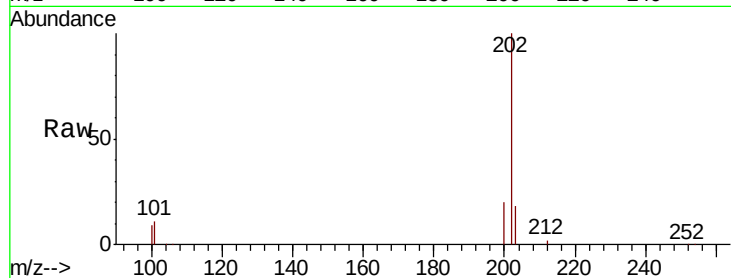
#17
Pvrene
Concen: 9.932 ng/ul
RT: 19.29 min Scan# 3632
Delta R.T. -0.00 min
Lab File: BN012667.D
Acq: 20 Nov 2020 20:03

Instrument :
BNA_N
ClientSampleId :
C0B45

Tot Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	11.3	8.9	13.3
100	9.3	7.4	11.2

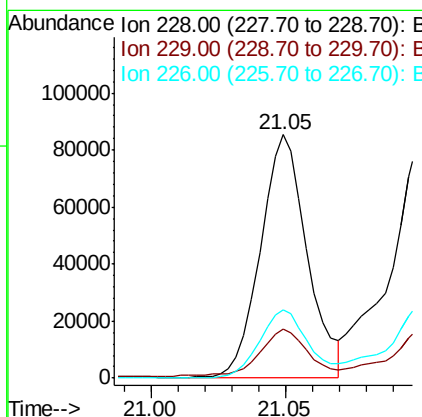
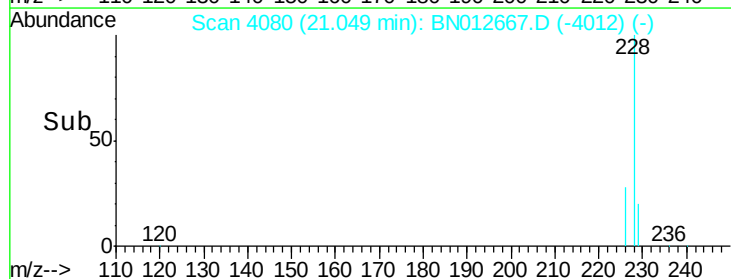
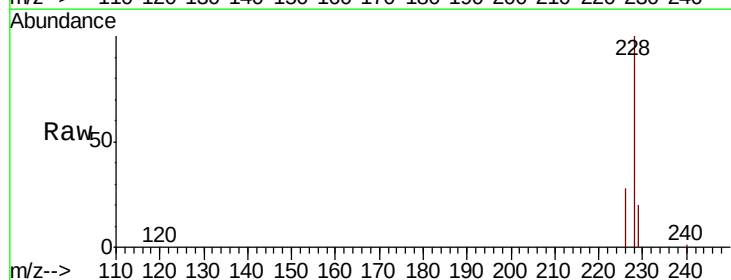
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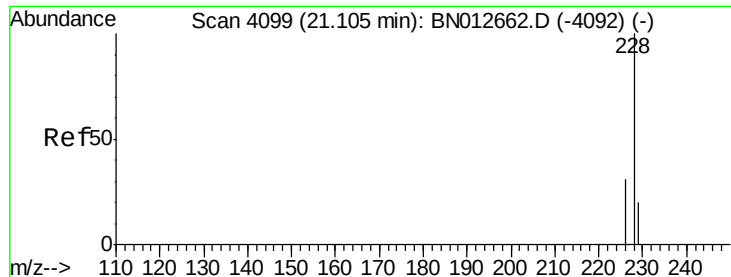
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#18
Benzo(a)anthracene
Concen: 6.752 ng/ul
RT: 21.05 min Scan# 4080
Delta R.T. -0.00 min
Lab File: BN012667.D
Acq: 20 Nov 2020 20:03

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	20.1	16.9	25.3
226	28.2	23.1	34.7





#19

Chrysene

Concen: 6.751 ng/ul

RT: 21.10 min Scan# 4098

Delta R.T. -0.00 min

Lab File: BN012667.D

Acq: 20 Nov 2020 20:03

Instrument :

BNA_N

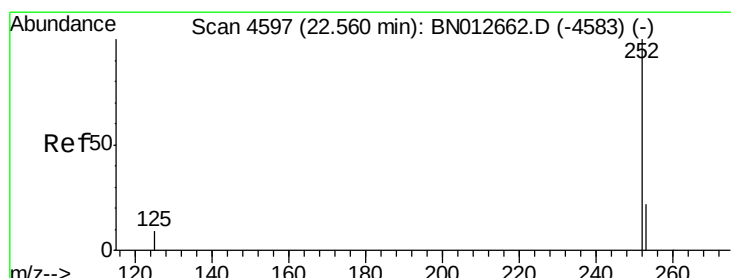
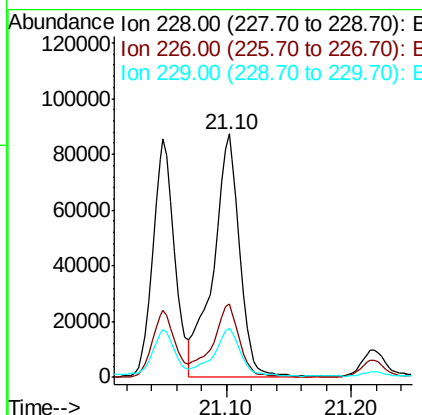
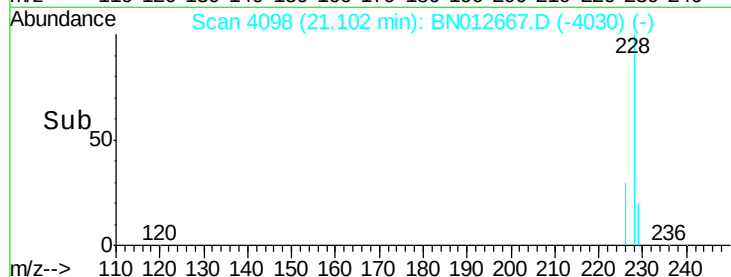
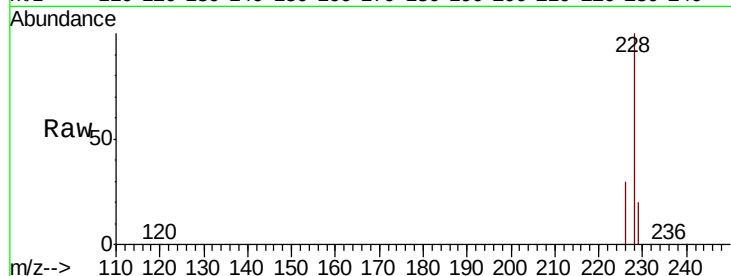
ClientSampleId :

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Tot Ion:	228	Resp:	127761
Ion Ratio	Lower	Upper	
228	100		
226	29.9	24.4	36.6
229	20.2	16.1	24.1

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#21

Benzo(b)fluoranthene

Concen: 10.644 ng/ul m

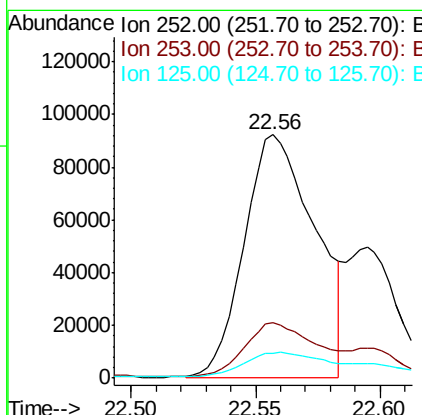
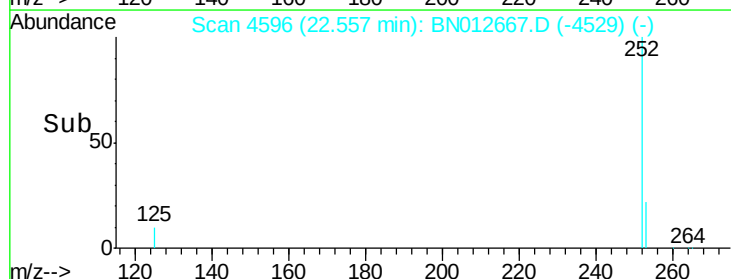
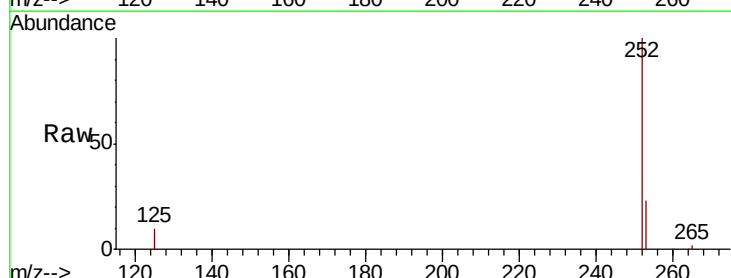
RT: 22.56 min Scan# 4596

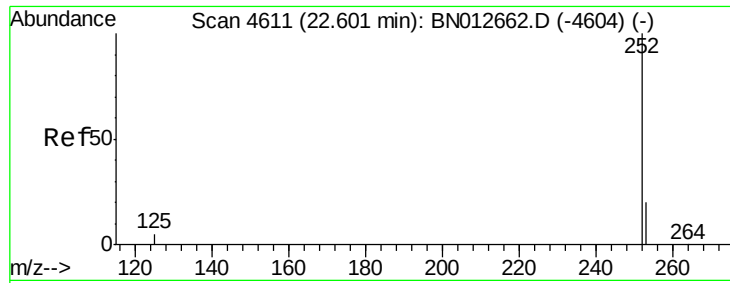
Delta R.T. -0.00 min

Lab File: BN012667.D

Acq: 20 Nov 2020 20:03

Tgt Ion:	252	Resp:	181863
Ion Ratio	Lower	Upper	
252	100		
253	22.6	0.0	58.4
125	10.4	0.0	28.6





#22

Benzo(k)fluoranthene

Concen: 3.406 ng/ul m

RT: 22.59 min Scan# 4609

Delta R.T. -0.01 min

Lab File: BN012667.D

Acq: 20 Nov 2020 20:03

Instrument :

BNA_N

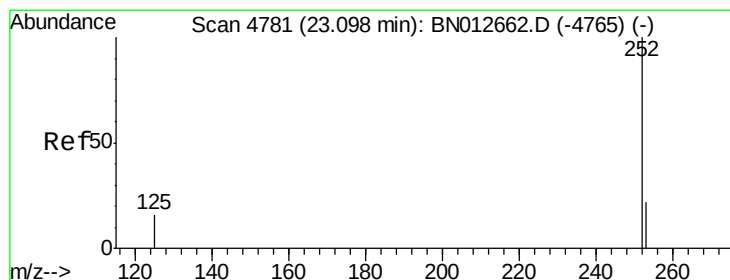
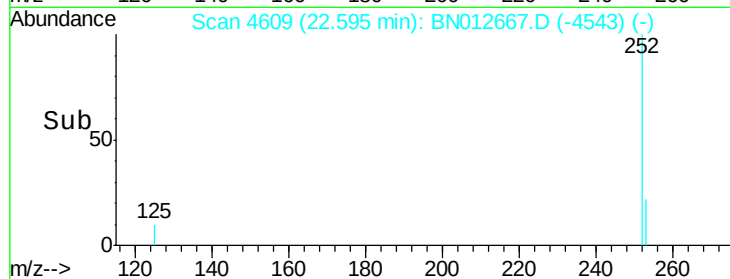
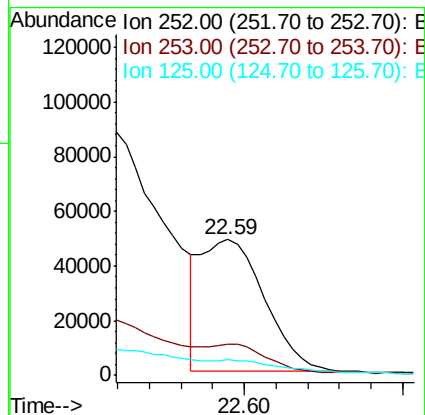
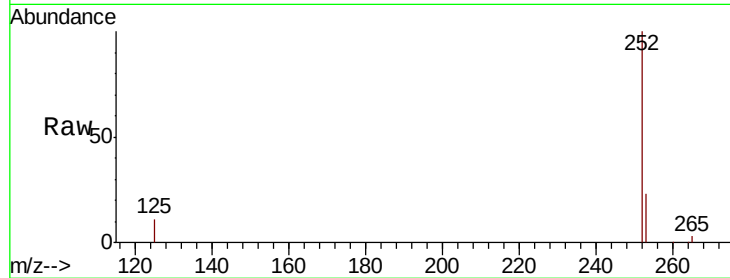
ClientSampleId :

C0B45

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.2	23.4	35.2#
125	11.2	10.2	15.2

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#23

Benzo(a)pyrene

Concen: 7.107 ng/ul

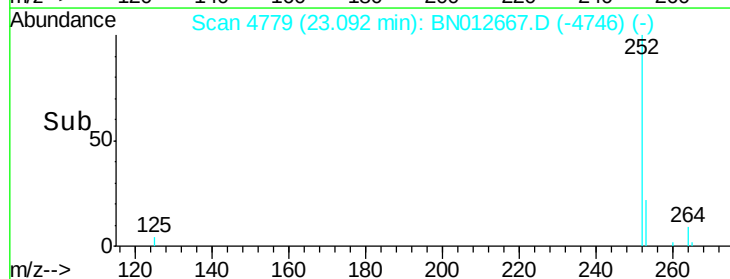
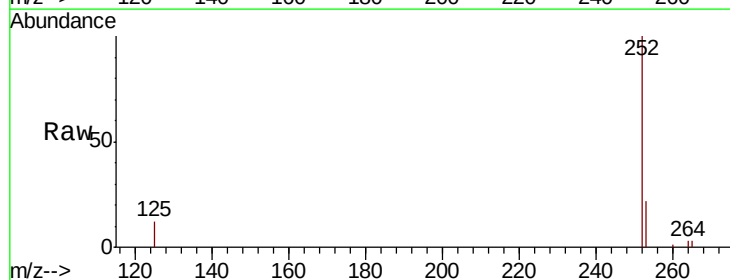
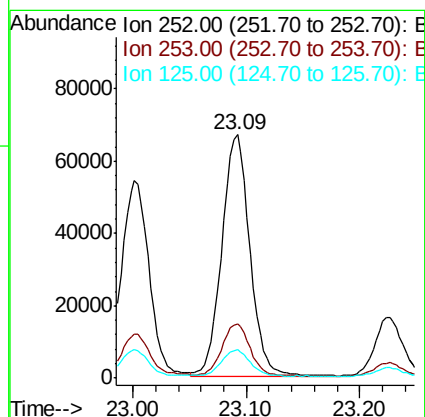
RT: 23.09 min Scan# 4779

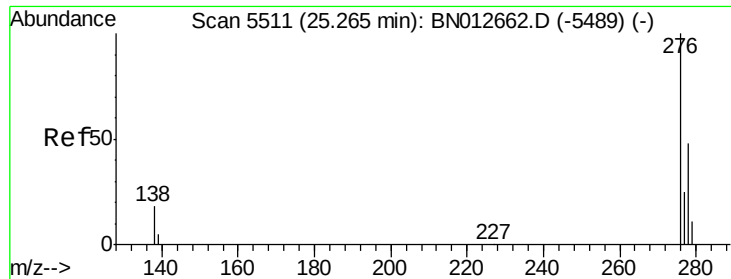
Delta R.T. -0.00 min

Lab File: BN012667.D

Acq: 20 Nov 2020 20:03

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	27.6	41.4#
125	11.5	17.0	25.4#





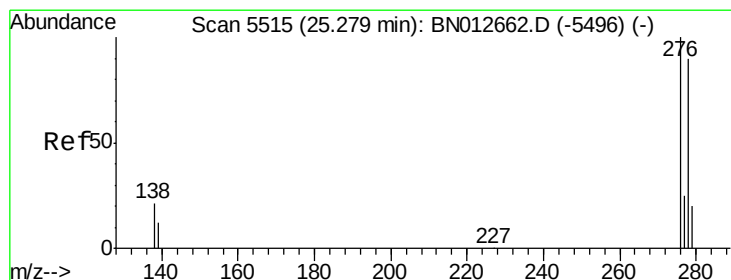
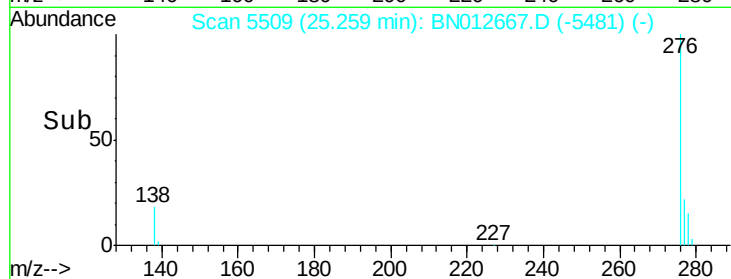
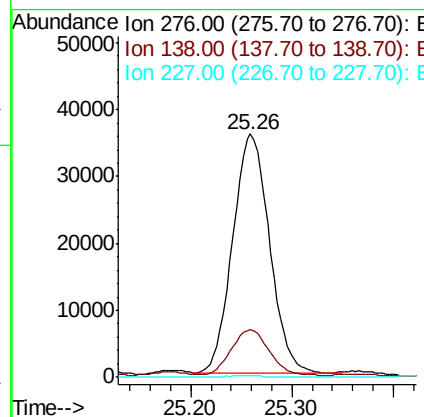
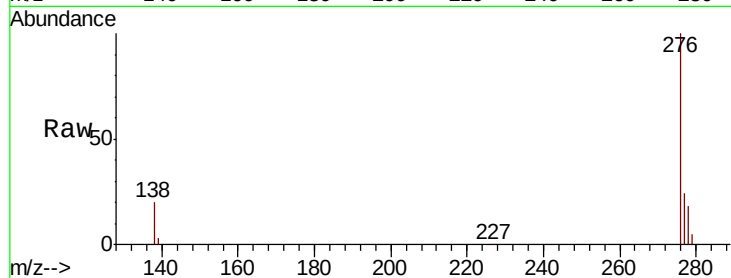
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 4.278 ng/ul
 RT: 25.26 min Scan# 5509
 Delta R.T. -0.01 min
 Lab File: BN012667.D
 Acq: 20 Nov 2020 20:03

Instrument :
 BNA_N
 ClientSampleId :
 C0B45

Tot Ion	Ratio	Lower	Upper
276	100		
138	19.4	16.5	24.7
227	0.0	0.1	0.1

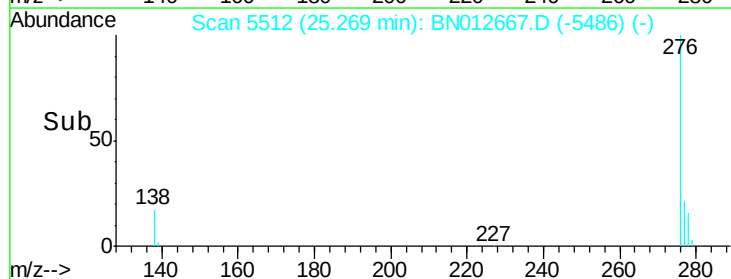
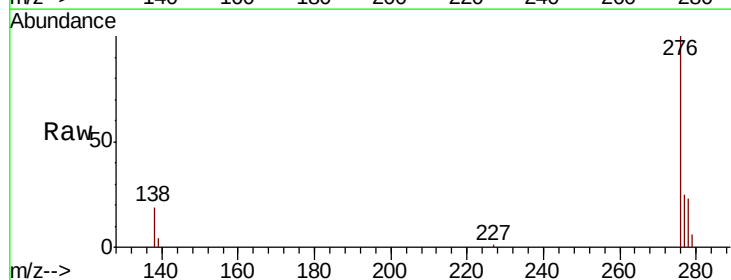
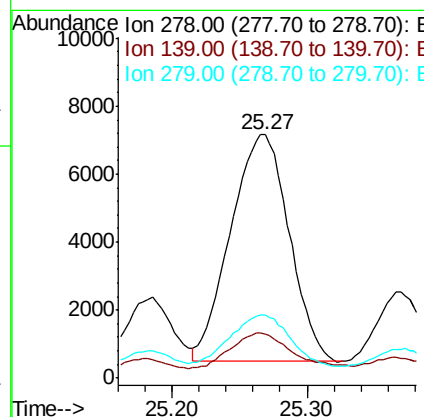
Manual Integrations
 APPROVED

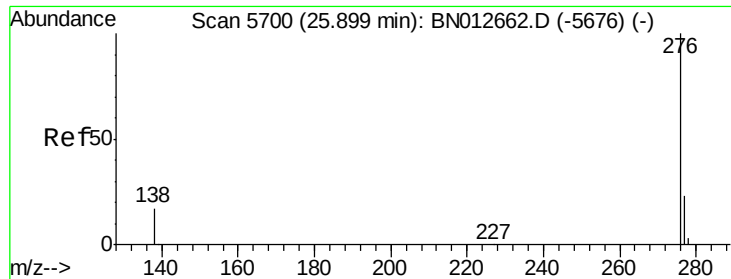
mohammad
 11/24/2020 8:56:11 AM



#25
 Dibenzo(a,h)anthracene
 Concen: 1.193 ng/ul
 RT: 25.27 min Scan# 5512
 Delta R.T. -0.01 min
 Lab File: BN012667.D
 Acq: 20 Nov 2020 20:03

Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.9	13.8	20.8
279	25.7	25.6	38.4





#26

Benzo(a,h,i)perylene

Concen: 4.286 ng/ul

RT: 25.90 min Scan# 5699

Delta R.T. -0.00 min

Lab File: BN012667.D

Acq: 20 Nov 2020 20:03

Instrument :

BNA_N

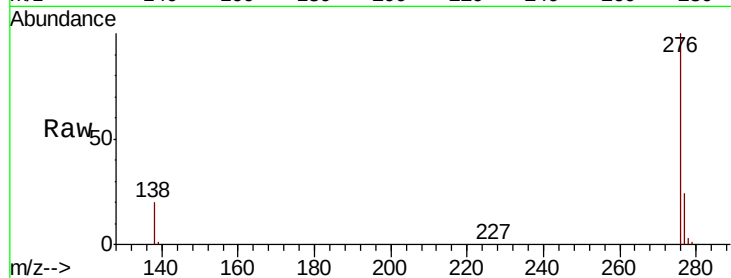
ClientSampleId :

C0B45

Tot Ion:	276	Resp:	81107
Ion Ratio	Lower	Upper	
276	100		
138	20.2	16.3	24.5
277	24.1	21.8	32.8

Manual Integrations
APPROVED

mohammad
11/24/2020 8:56:11 AM



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

