

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN112020\
 Data File : BN012669.D
 Acq On : 20 Nov 2020 21:15
 Operator : CG/JU
 Sample : L4710-06
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AX2

Manual Integrations
 APPROVED

mohammad
 11/24/2020 8:56:18 AM

Quant Time: Nov 21 01:08:36 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	1021	0.40	ng/ul	0.00
2) Naphthalene-d8	10.21	136	4303	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.10	164	2458	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.85	188	5010	0.40	ng/ul	0.00
16) Chrysene-d12	21.07	240	4409	0.40	ng/ul	0.00
20) Perylene-d12	23.18	264	4351	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.81	152	1233	0.20	ng/ul	-0.01
14) Fluoranthene-d10	18.89	212	2559	0.20	ng/ul	0.00
Target Compounds					Ovalue	
3) Naphthalene	10.26	128	2685	0.207	ng/ul	100
5) 2-Methylnaphthalene	11.89	142	1552	0.188	ng/ul	100
7) Acenaphthylene	13.82	152	3544	0.296	ng/ul	97
8) Acenaphthene	14.16	153	17672	1.749	ng/ul	98
9) Fluorene	15.16	166	16957	1.527	ng/ul	99
12) Phenanthrene	16.89	178	582824	33.433	ng/ul	95
13) Anthracene	16.98	178	65119	4.297	ng/ul	95
15) Fluoranthene	18.93	202	1174178	58.340	ng/ul	99
17) Pyrene	19.29	202	930632	47.188	ng/ul	95
18) Benzo(a)anthracene	21.05	228	417387	26.418	ng/ul	98
19) Chrysene	21.10	228	463852	23.503	ng/ul	98
21) Benzo(b)fluoranthene	22.56	252	647573m	32.353	ng/ul	
22) Benzo(k)fluoranthene	22.59	252	229642m	9.949	ng/ul	
23) Benzo(a)pyrene	23.09	252	420537	22.324	ng/ul#	78
24) Indeno(1,2,3-cd)pyrene	25.27	276	327436	13.292	ng/ul#	98
25) Dibenzo(a,h)anthracene	25.27	278	74072m	3.742	ng/ul	
26) Benzo(a,h,i)perylene	25.90	276	315177	14.216	ng/ul	96

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

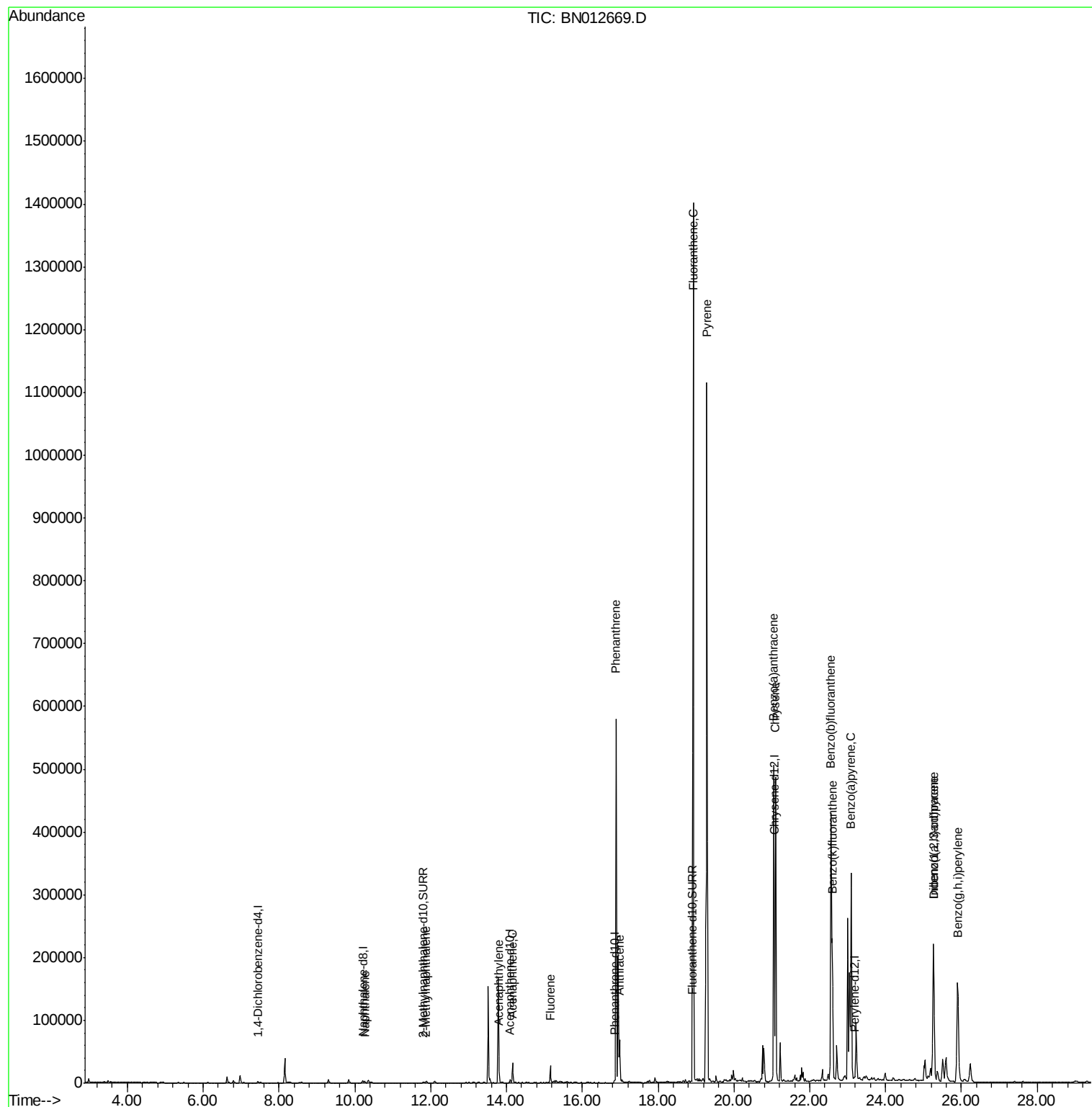
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN112020\
Data File : BN012669.D
Acq On : 20 Nov 2020 21:15
Operator : CG/JU
Sample : L4710-06
Misc :
ALS Vial : 16 Sample Multiplier: 1

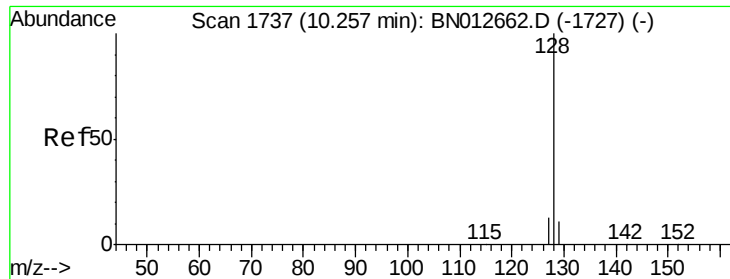
Instrument :
BNA_N
ClientSampleId :
C0AX2

Quant Time: Nov 21 01:08:36 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

Manual Integrations
APPROVED

mohammad
11/24/2020 8:56:18 AM





#3

Naphthalene

Concen: 0.207 ng/ul

RT: 10.26 min Scan# 1737

Delta R.T. -0.01 min

Lab File: BN012669.D

Acq: 20 Nov 2020 21:15

Instrument :

BNA_N

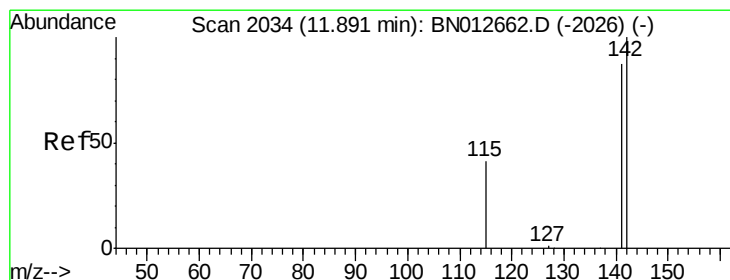
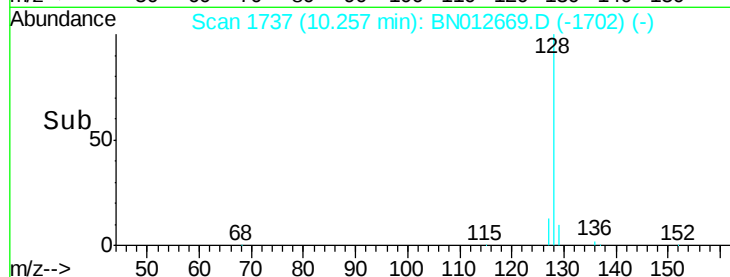
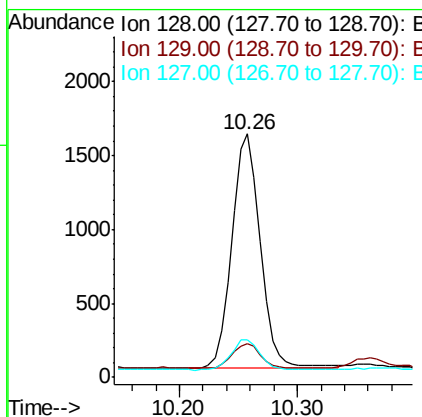
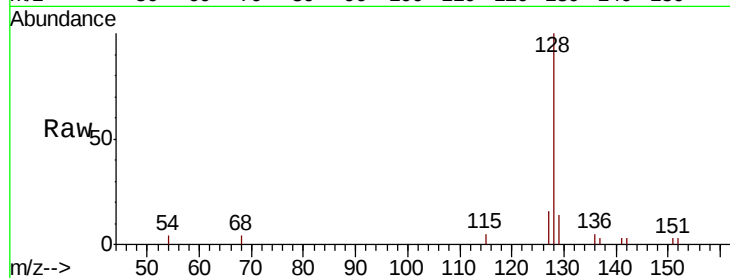
ClientSampleId :

C0AX2

Tot Ion:	128	Resp:	2685
Ion	Ratio	Lower	Upper
128	100		
129	14.1	11.2	16.8
127	15.7	12.5	18.7

Manual Integrations
APPROVED

mohammad
11/24/2020 8:56:18 AM



#5

2-Methylnaphthalene

Concen: 0.188 ng/ul

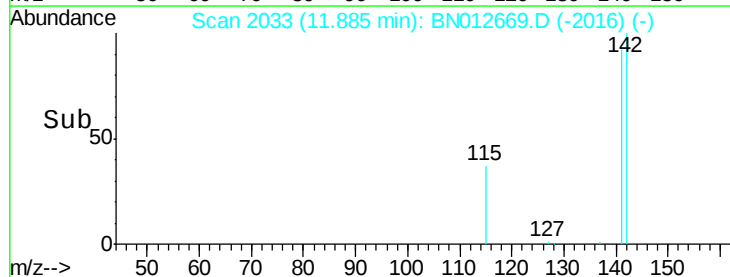
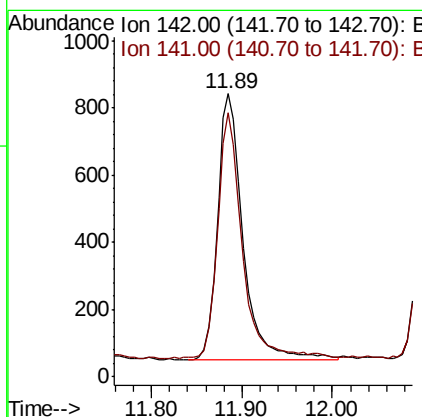
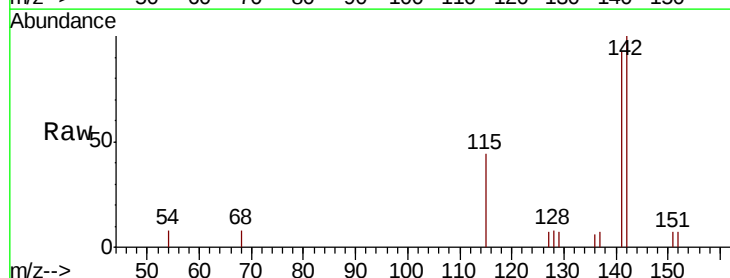
RT: 11.89 min Scan# 2033

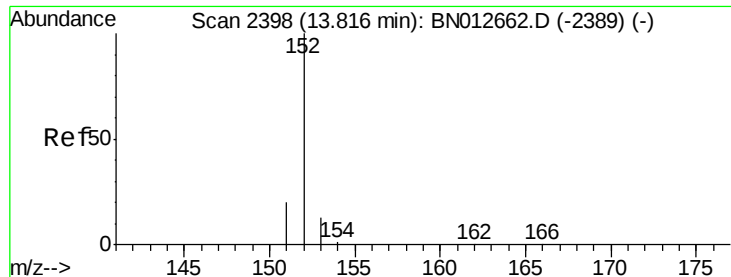
Delta R.T. -0.01 min

Lab File: BN012669.D

Acq: 20 Nov 2020 21:15

Tgt Ion:	142	Resp:	1552
Ion	Ratio	Lower	Upper
142	100		
141	90.1	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: BN012669.D

Acq: 20 Nov 2020 21:15

Instrument :

BNA_N

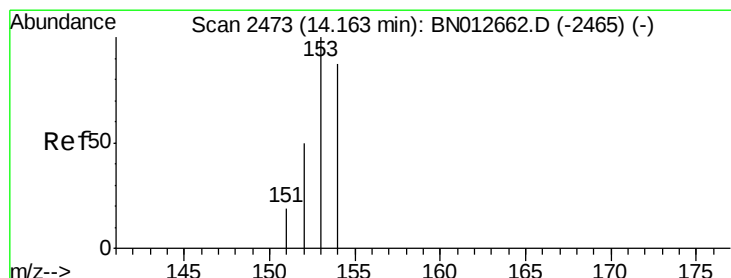
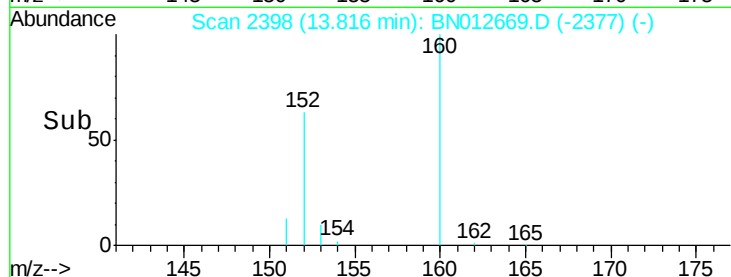
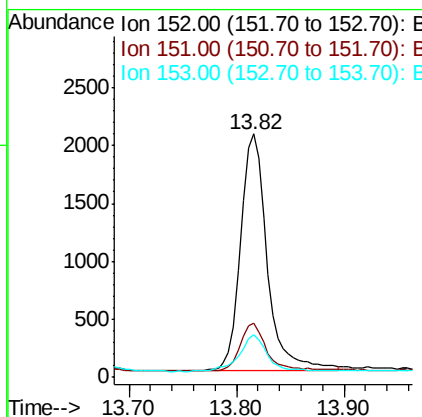
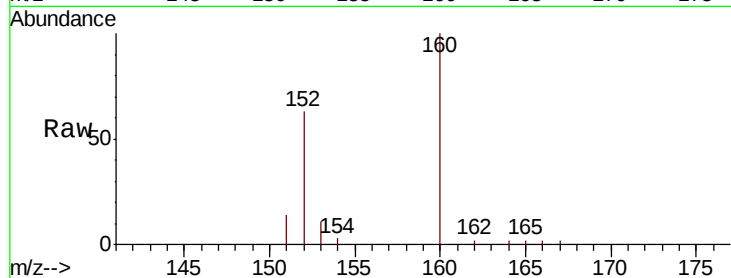
ClientSampleId :

C0AX2

Tot Ion:	152	Resp:	3544
Ion Ratio	Lower	Upper	
152	100		
151	22.2	17.1	25.7
153	17.4	12.6	19.0

Manual Integrations
APPROVED

mohammad
11/24/2020 8:56:18 AM



#8

Acenaphthene

Concen: 1.749 ng/ul

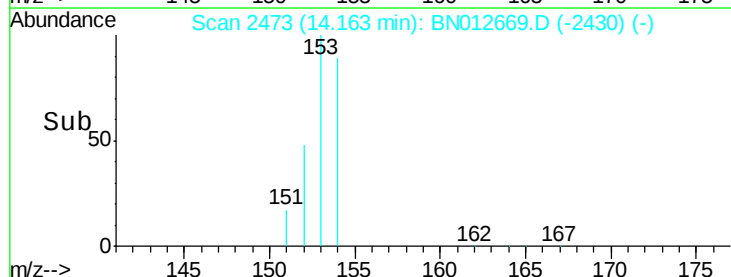
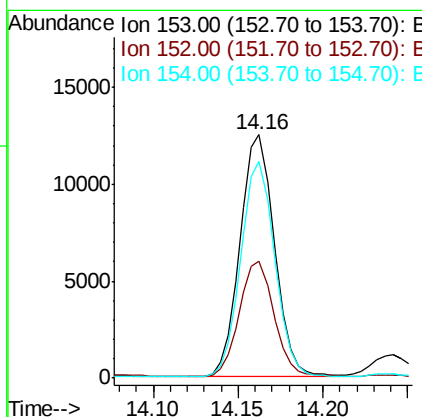
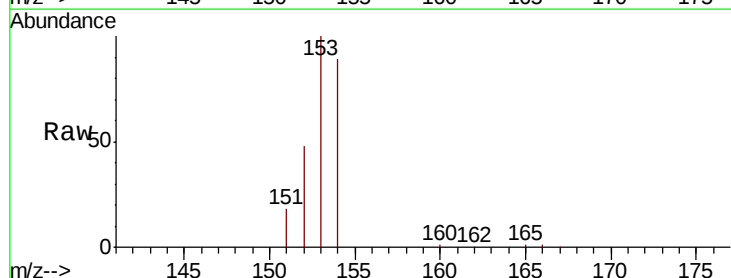
RT: 14.16 min Scan# 2473

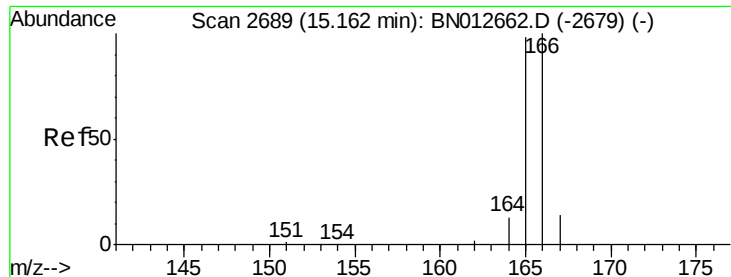
Delta R.T. 0.00 min

Lab File: BN012669.D

Acq: 20 Nov 2020 21:15

Tgt Ion:	153	Resp:	17672
Ion Ratio	Lower	Upper	
153	100		
152	48.0	41.4	62.0
154	88.8	70.9	106.3





#9

Fluorene

Concen: 1.527 ng/ul

RT: 15.16 min Scan# 2688

Delta R.T. -0.00 min

Lab File: BN012669.D

Acq: 20 Nov 2020 21:15

Instrument :

BNA_N

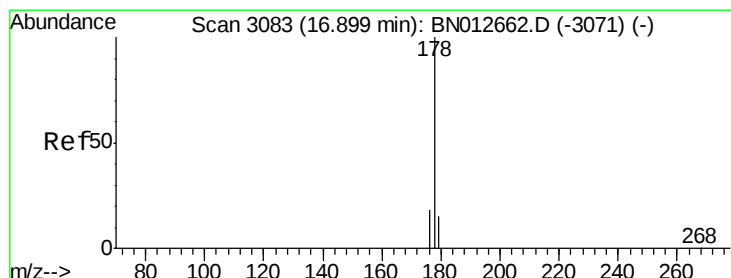
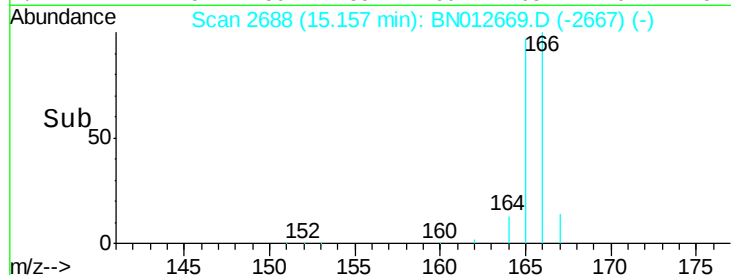
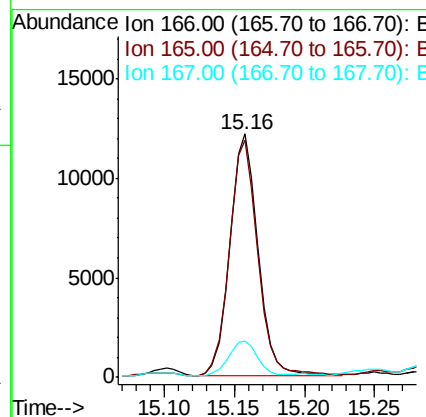
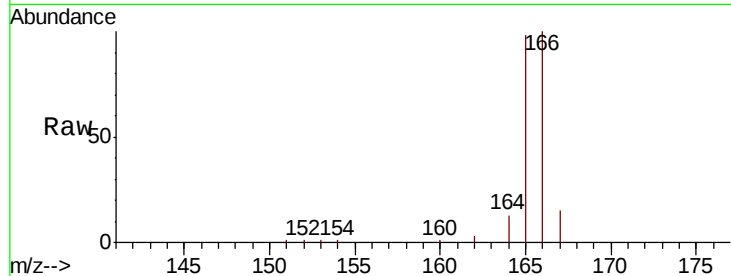
ClientSampleId :

C0AX2

Tot Ion:	166	Resp:	16957
Ion Ratio	Lower	Upper	
166	100		
165	97.6	78.5	117.7
167	14.9	12.7	19.1

Manual Integrations
APPROVED

mohammad
11/24/2020 8:56:18 AM



#12

Phenanthrene

Concen: 33.433 ng/ul

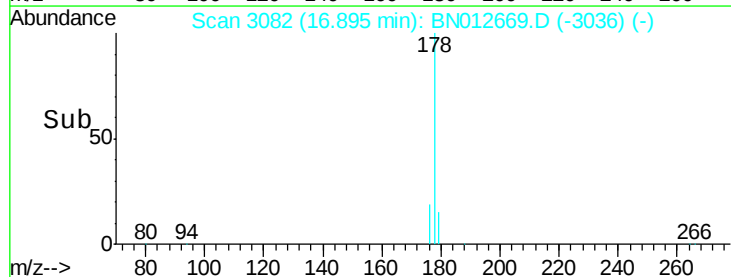
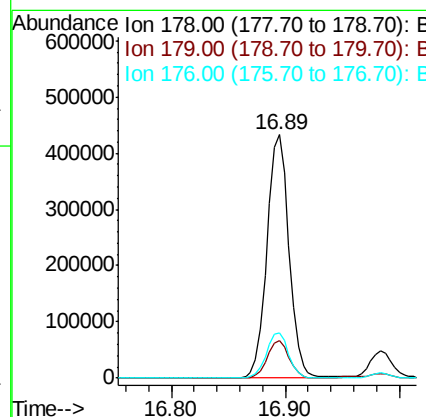
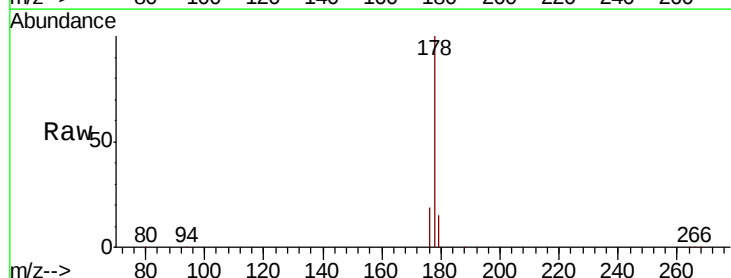
RT: 16.89 min Scan# 3082

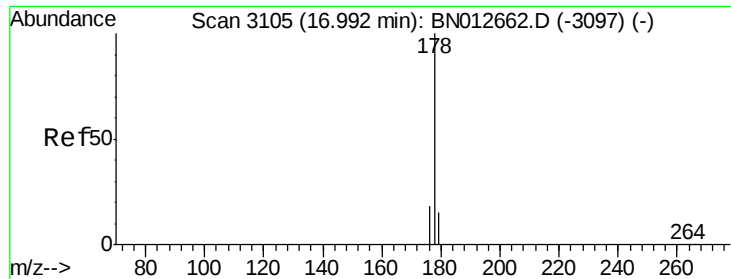
Delta R.T. -0.00 min

Lab File: BN012669.D

Acq: 20 Nov 2020 21:15

Tgt Ion:	178	Resp:	582824
Ion Ratio	Lower	Upper	
178	100		
179	15.4	13.8	20.6
176	18.6	16.7	25.1





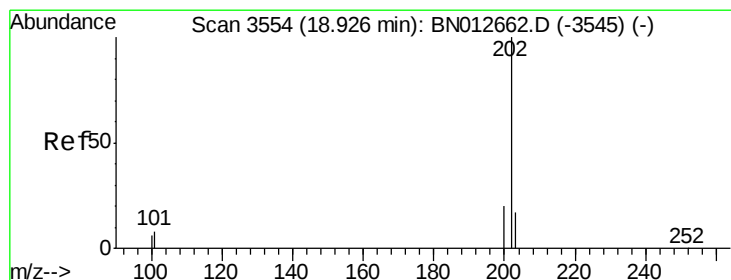
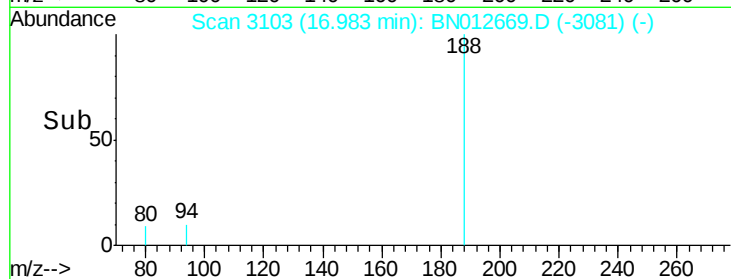
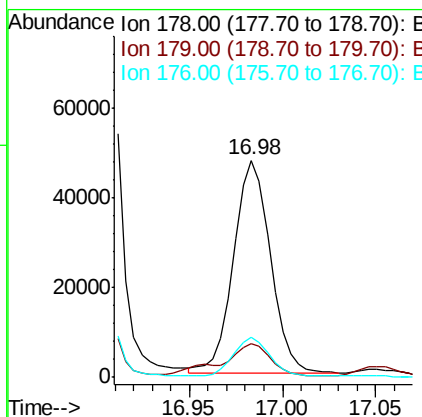
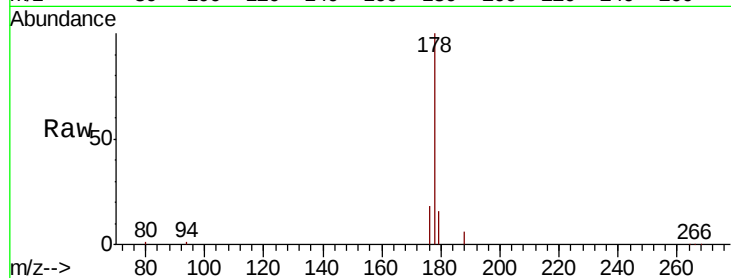
#13
 Anthracene
 Concen: 4.297 ng/ul
 RT: 16.98 min Scan# 3103
 Delta R.T. -0.01 min
 Lab File: BN012669.D
 Acq: 20 Nov 2020 21:15

Instrument :
 BNA_N
 ClientSampleId :
 C0AX2

Tot Ion:178 Resp: 65119
 Ion Ratio Lower Upper
 178 100
 179 15.7 14.8 22.2
 176 18.2 16.3 24.5

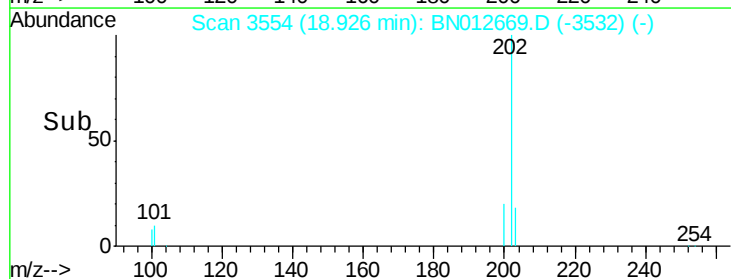
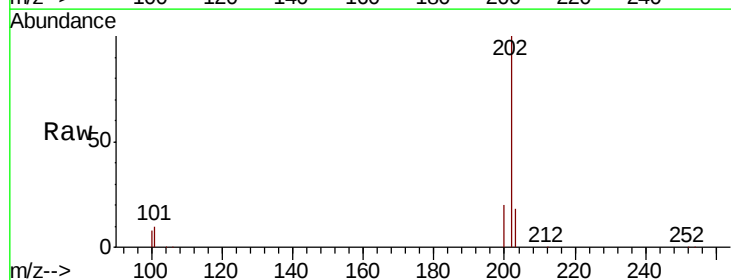
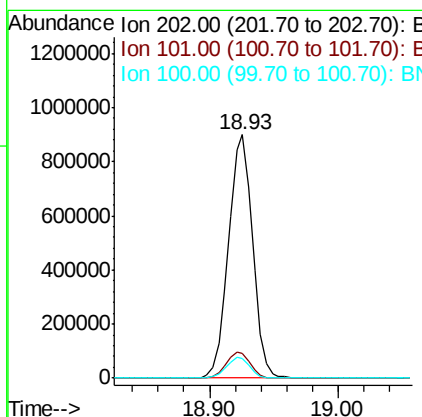
Manual Integrations
 APPROVED

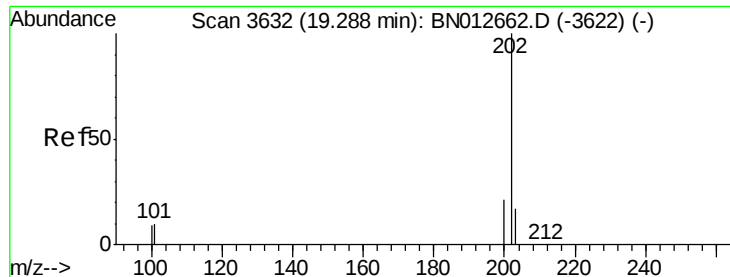
mohammad
 11/24/2020 8:56:18 AM



#15
 Fluoranthene
 Concen: 58.340 ng/ul
 RT: 18.93 min Scan# 3554
 Delta R.T. 0.00 min
 Lab File: BN012669.D
 Acq: 20 Nov 2020 21:15

Tgt Ion:202 Resp: 1174178
 Ion Ratio Lower Upper
 202 100
 101 10.3 0.0 30.5
 100 7.8 0.0 28.4





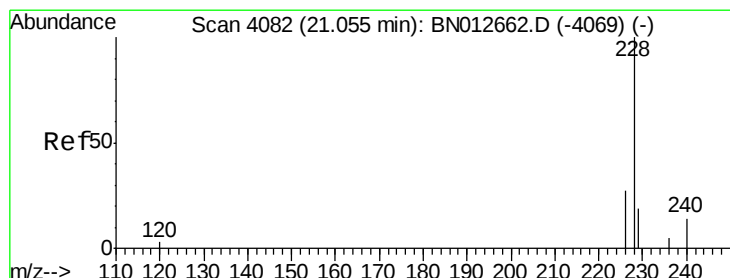
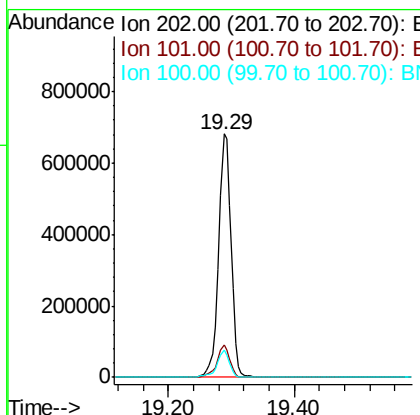
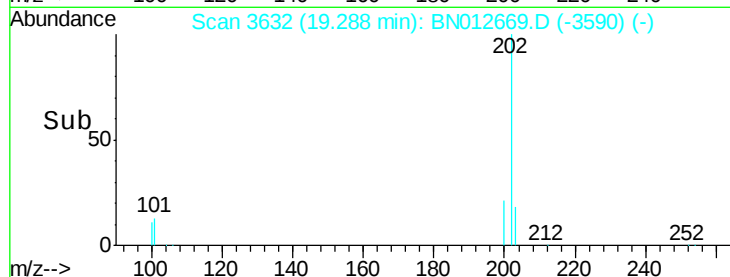
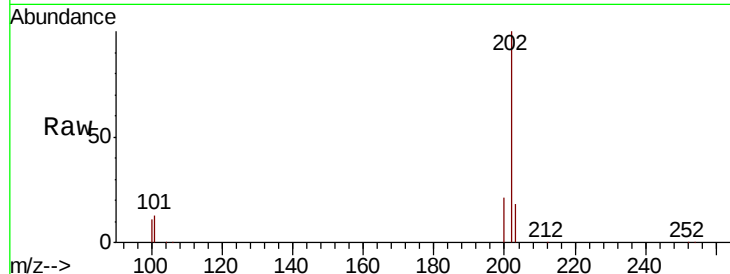
#17
Pvrene
Concen: 47.188 ng/ul
RT: 19.29 min Scan# 3632
Delta R.T. -0.00 min
Lab File: BN012669.D
Acq: 20 Nov 2020 21:15

Instrument :
BNA_N
ClientSampleId :
C0AX2

Tot Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	13.2	8.9	13.3
100	11.0	7.4	11.2

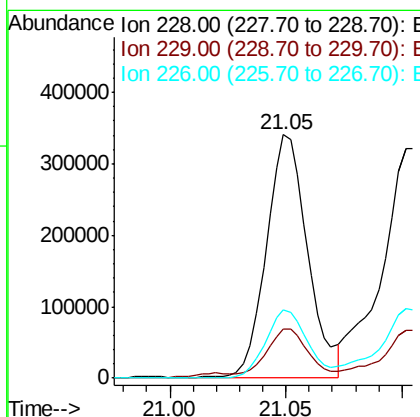
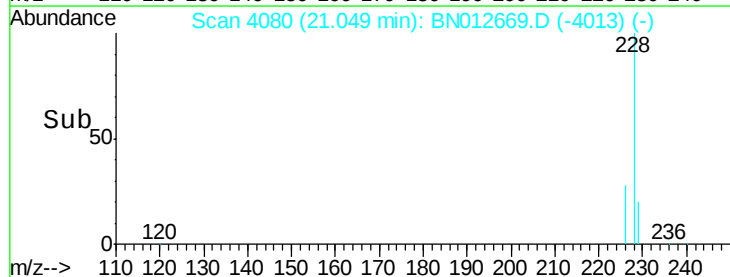
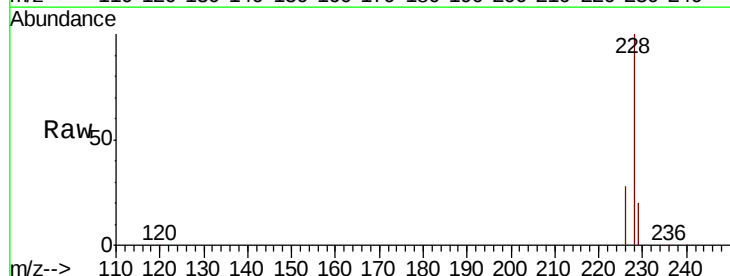
Manual Integrations
APPROVED

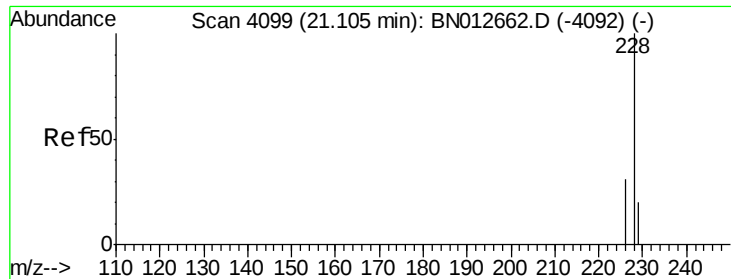
mohammad
11/24/2020 8:56:18 AM



#18
Benzo(a)anthracene
Concen: 26.418 ng/ul
RT: 21.05 min Scan# 4080
Delta R.T. -0.00 min
Lab File: BN012669.D
Acq: 20 Nov 2020 21:15

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	20.0	16.9	25.3
226	28.2	23.1	34.7





#19

Chrysene

Concen: 23.503 ng/ul

RT: 21.10 min Scan# 4099

Delta R.T. 0.00 min

Lab File: BN012669.D

Acq: 20 Nov 2020 21:15

Instrument :

BNA_N

ClientSampleId :

C0AX2

Tot Ion:228 Resp: 463852

Ion Ratio Lower Upper

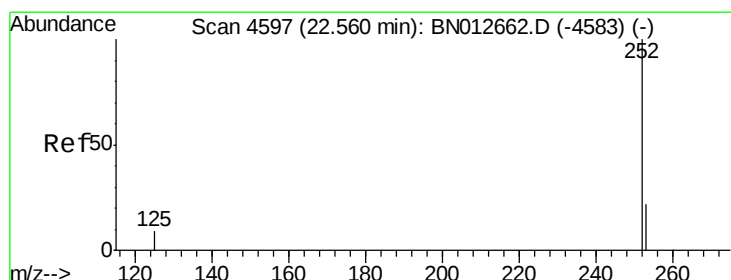
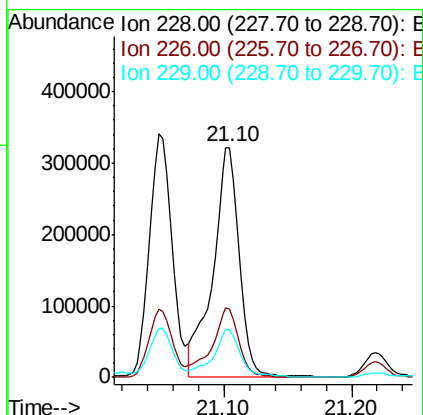
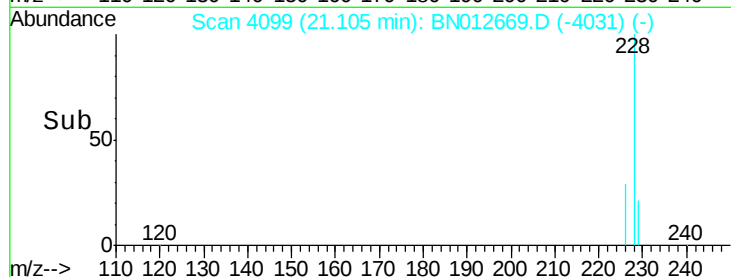
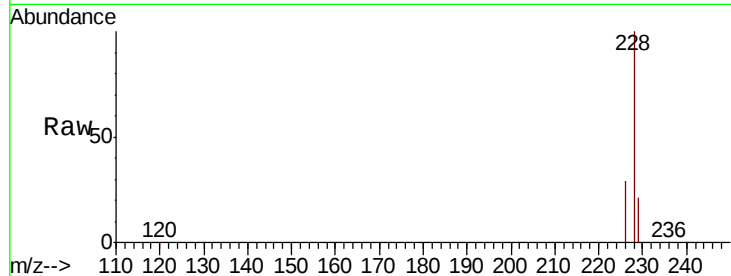
228 100

226 29.5 24.4 36.6

229 21.0 16.1 24.1

Manual Integrations
APPROVED

mohammad
11/24/2020 8:56:18 AM



#21

Benzo(b)fluoranthene

Concen: 32.353 ng/ul m

RT: 22.56 min Scan# 4597

Delta R.T. 0.00 min

Lab File: BN012669.D

Acq: 20 Nov 2020 21:15

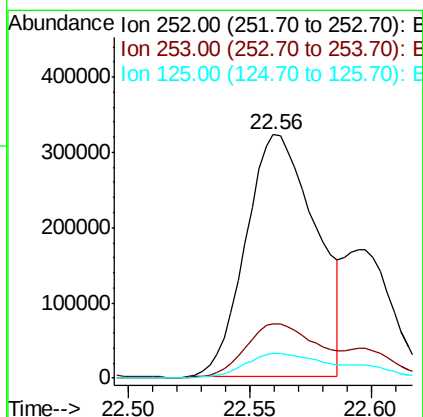
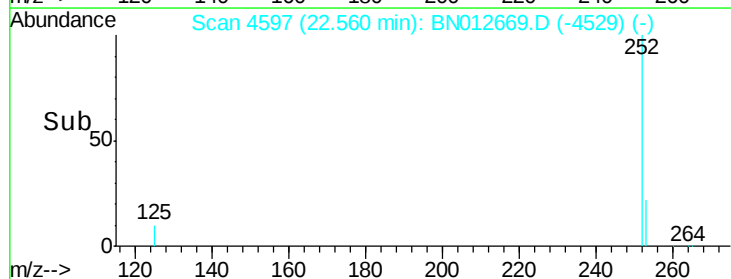
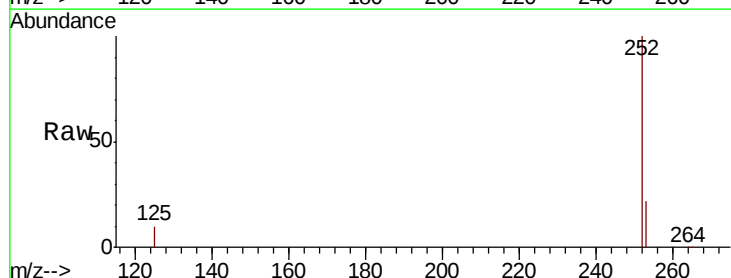
Tgt Ion:252 Resp: 647573

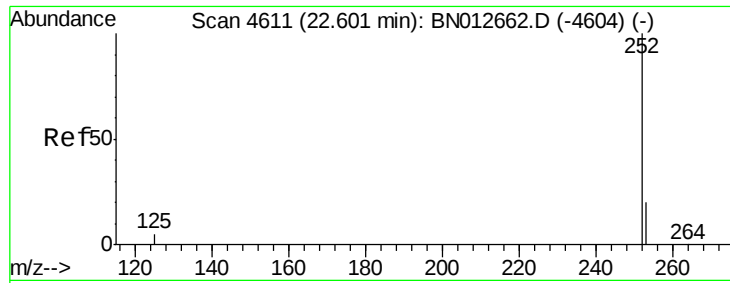
Ion Ratio Lower Upper

252 100

253 22.3 0.0 58.4

125 10.1 0.0 28.6





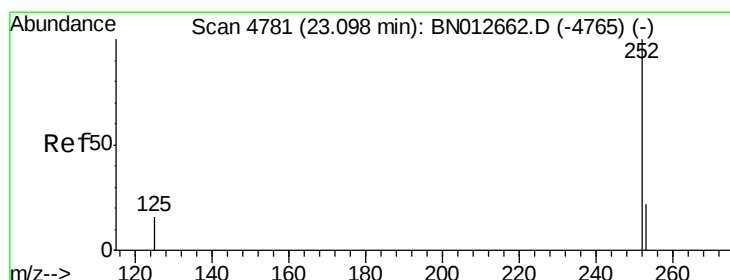
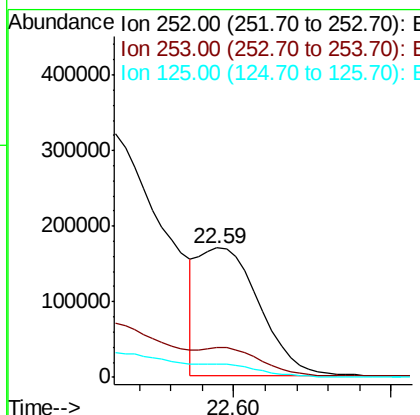
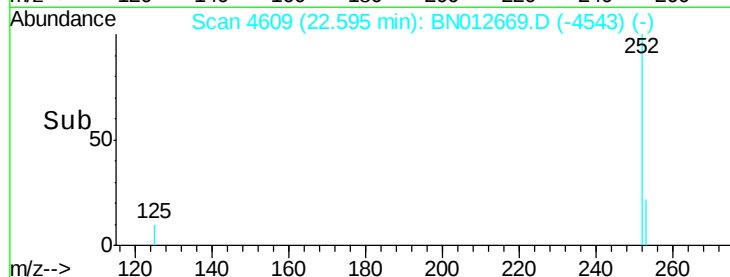
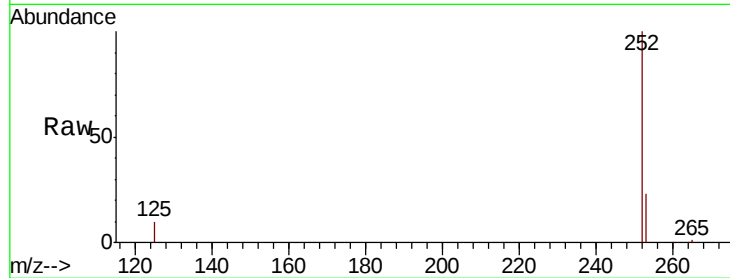
#22
Benzo(k)fluoranthene
Concen: 9.949 ng/ul m
RT: 22.59 min Scan# 4609
Delta R.T. -0.01 min
Lab File: BN012669.D
Acq: 20 Nov 2020 21:15

Instrument :
BNA_N
ClientSampleId :
C0AX2

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.8	23.4	35.2#
125	10.1	10.2	15.2#

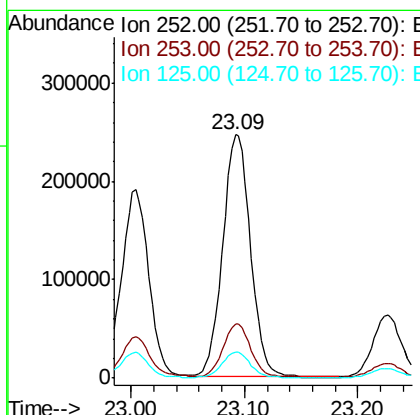
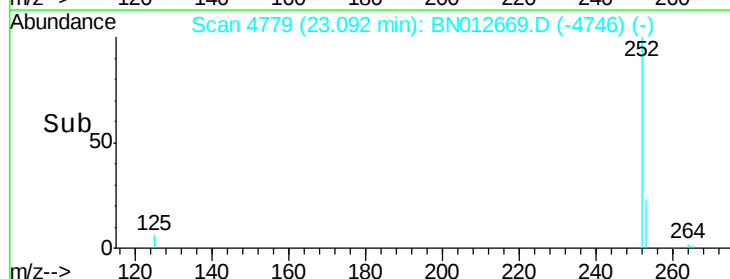
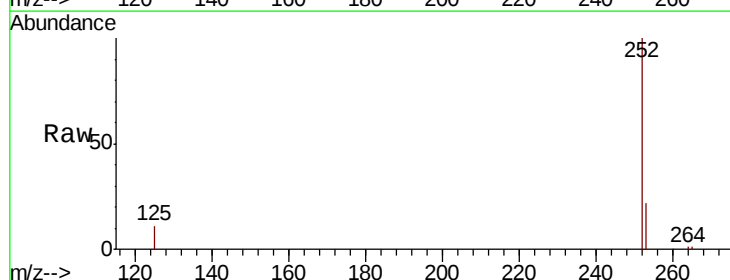
Manual Integrations
APPROVED

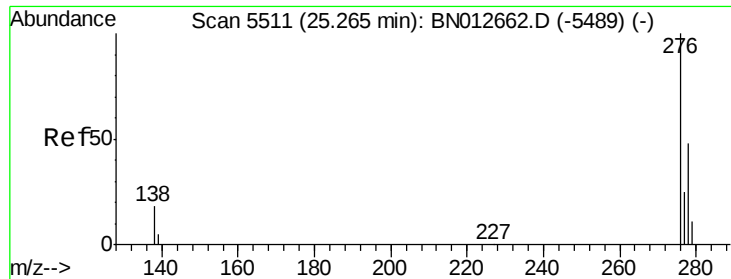
mohammad
11/24/2020 8:56:18 AM



#23
Benzo(a)pyrene
Concen: 22.324 ng/ul
RT: 23.09 min Scan# 4779
Delta R.T. -0.00 min
Lab File: BN012669.D
Acq: 20 Nov 2020 21:15

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	27.6	41.4#
125	10.8	17.0	25.4#





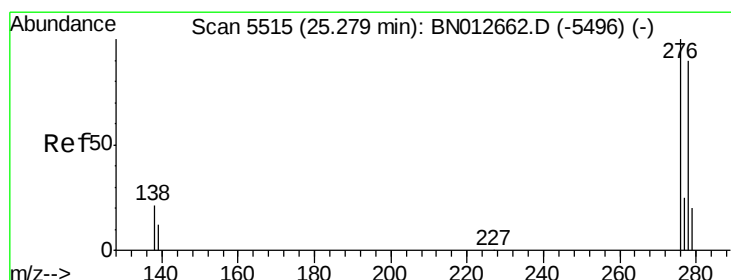
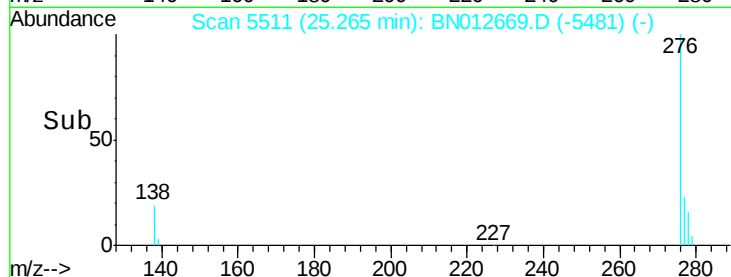
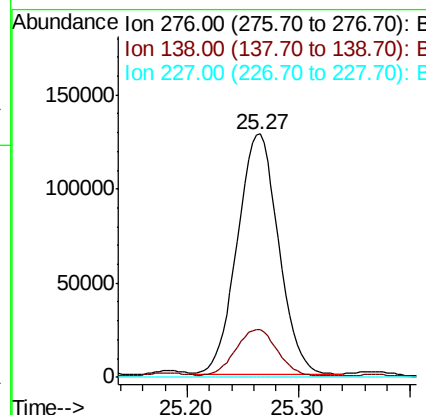
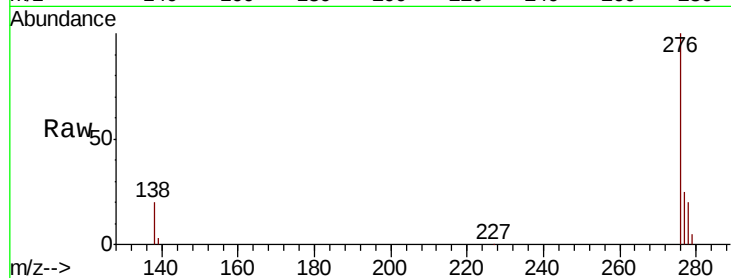
#24
Indeno(1,2,3-cd)pyrene
Concen: 13.292 ng/ul
RT: 25.27 min Scan# 5511
Delta R.T. 0.00 min
Lab File: BN012669.D
Acq: 20 Nov 2020 21:15

Instrument :
BNA_N
ClientSampleId :
C0AX2

Tot Ion	Ratio	Lower	Upper
276	100		
138	19.8	16.5	24.7
227	0.2	0.1	0.1#

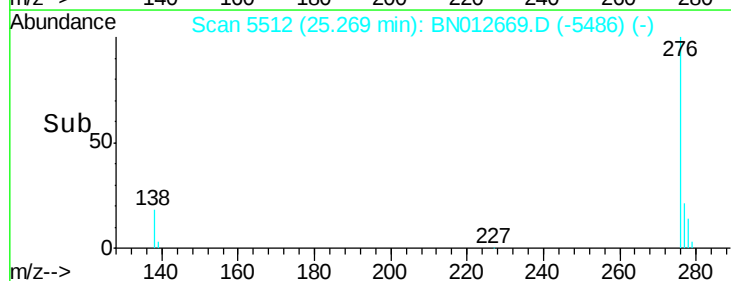
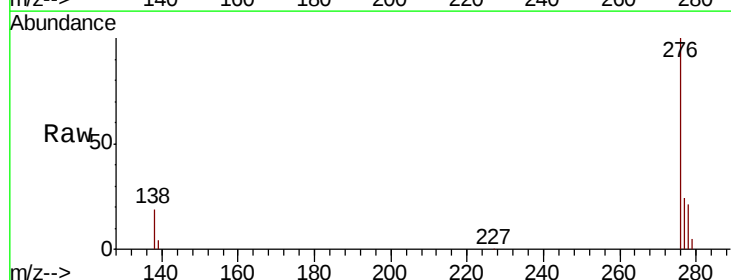
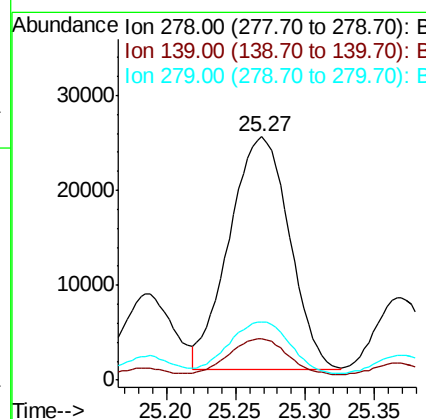
Manual Integrations
APPROVED

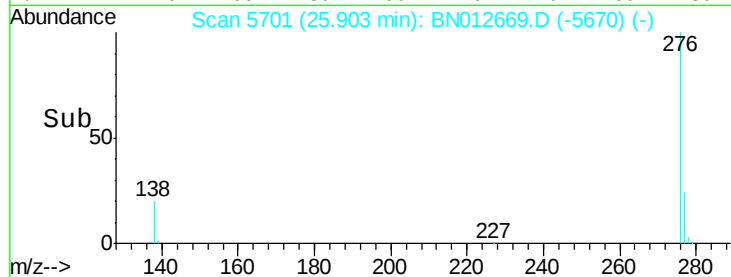
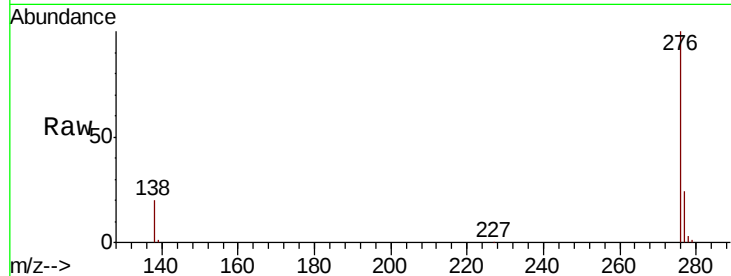
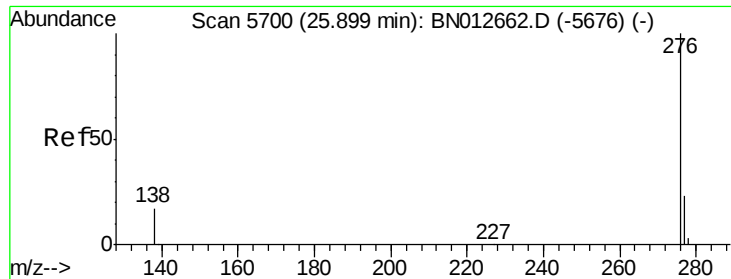
mohammad
11/24/2020 8:56:18 AM



#25
Dibenzo(a,h)anthracene
Concen: 3.742 ng/ul m
RT: 25.27 min Scan# 5512
Delta R.T. -0.01 min
Lab File: BN012669.D
Acq: 20 Nov 2020 21:15

Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.2	13.8	20.8
279	24.0	25.6	38.4#





#26
 Benzo(a,h,i)perylene
 Concen: 14.216 ng/ul
 RT: 25.90 min Scan# 5701
 Delta R.T. 0.00 min
 Lab File: BN012669.D
 Acq: 20 Nov 2020 21:15

Instrument :
 BNA_N
 ClientSampleId :
 C0AX2

Tot Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	20.1	16.3	24.5
277	23.9	21.8	32.8

Manual Integrations
 APPROVED

mohammad
 11/24/2020 8:56:18 AM

