

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN112420\
 Data File : BN012718.D
 Acq On : 24 Nov 2020 16:04
 Operator : CG/JU
 Sample : L4751-18
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AX1

Manual Integrations
 APPROVED

mohammad
 11/25/2020 1:20:58 PM

Quant Time: Nov 24 16:41:46 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 : Tue Nov 24 11:59:48 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.44	152	801	0.40	ng/ul	0.00
2) Naphthalene-d8	10.20	136	3211	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.09	164	1825	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.85	188	3746	0.40	ng/ul	0.00
16) Chrysene-d12	21.06	240	3056	0.40	ng/ul	0.00
20) Perylene-d12	23.18	264	3355	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.81	152	697	0.15	ng/ul	0.00
14) Fluoranthene-d10	18.89	212	1867	0.19	ng/ul	0.00
Target Compounds				Ovalue		
7) Acenaphthylene	13.81	152	235	0.026	ng/ul#	47
12) Phenanthrene	16.89	178	2421	0.186	ng/ul	98
13) Anthracene	16.98	178	486	0.043	ng/ul#	77
15) Fluoranthene	18.92	202	8228	0.547	ng/ul	97
17) Pyrene	19.28	202	8019	0.587	ng/ul	95
18) Benzo(a)anthracene	21.05	228	3569	0.326	ng/ul	98
19) Chrysene	21.10	228	4597	0.336	ng/ul	97
21) Benzo(b)fluoranthene	22.56	252	6429m	0.417	ng/ul	
22) Benzo(k)fluoranthene	22.59	252	2471m	0.139	ng/ul	
23) Benzo(a)pyrene	23.09	252	4139m	0.285	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.26	276	3008	0.158	ng/ul#	97
25) Dibenzo(a,h)anthracene	25.26	278	684	0.045	ng/ul#	35
26) Benzo(g,h,i)perylene	25.89	276	2801	0.164	ng/ul#	92

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

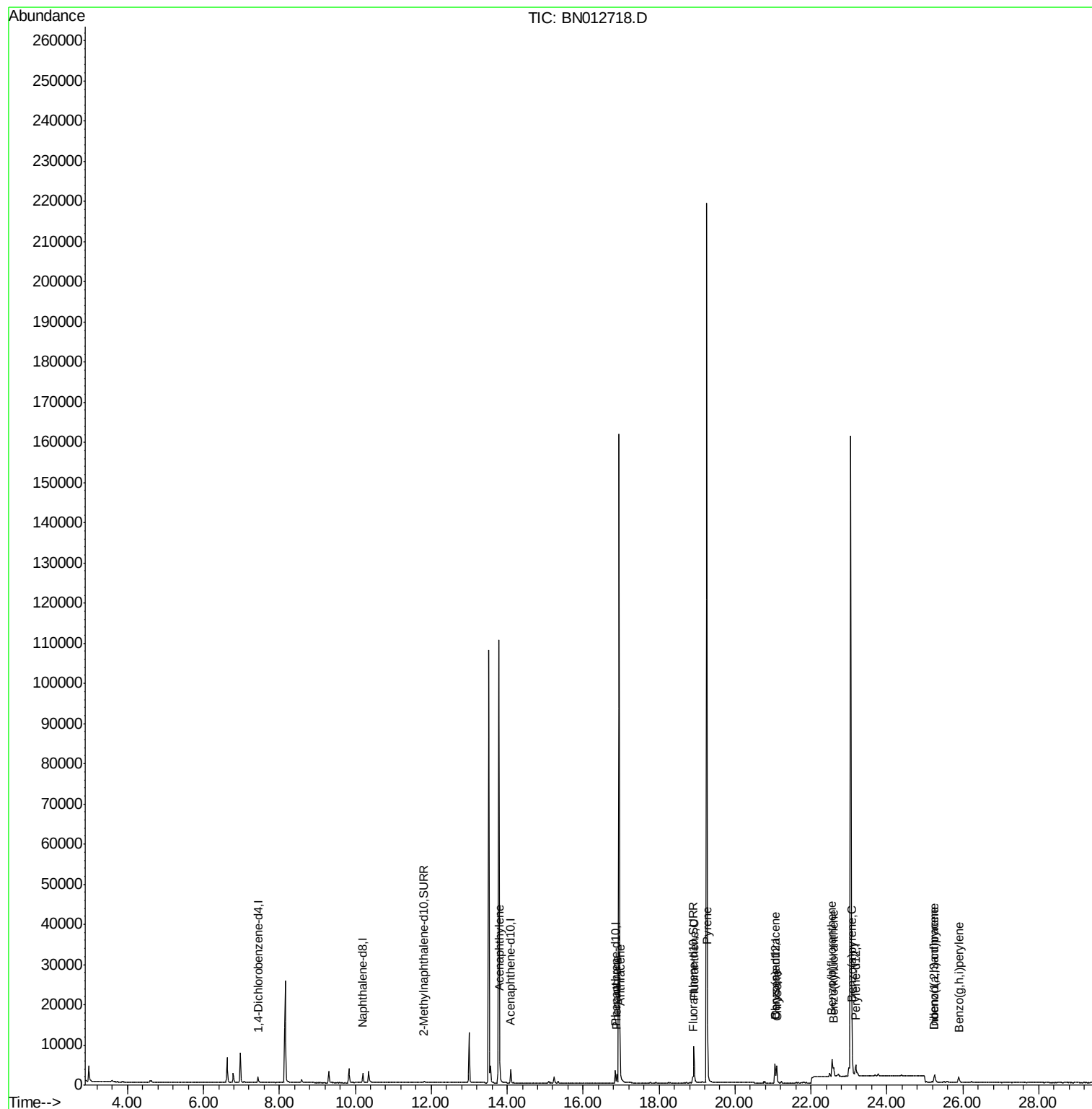
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN112420\
Data File : BN012718.D
Acq On : 24 Nov 2020 16:04
Operator : CG/JU
Sample : L4751-18
Misc :
ALS Vial : 11 Sample Multiplier: 1

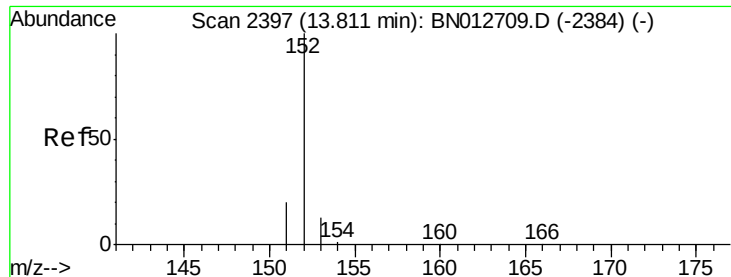
Instrument :
BNA_N
ClientSampleId :
C0AX1

Manual Integrations
APPROVED

mohammad
11/25/2020 1:20:58 PM

Quant Time: Nov 24 16:41:46 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 : Tue Nov 24 11:59:48 2020
Response via : Initial Calibration





#7

Acenaphthylene

Concen: 0.026 ng/ul

RT: 13.81 min Scan# 2397

Delta R.T. -0.00 min

Lab File: BN012718.D

Acq: 24 Nov 2020 16:04

Instrument :

BNA_N

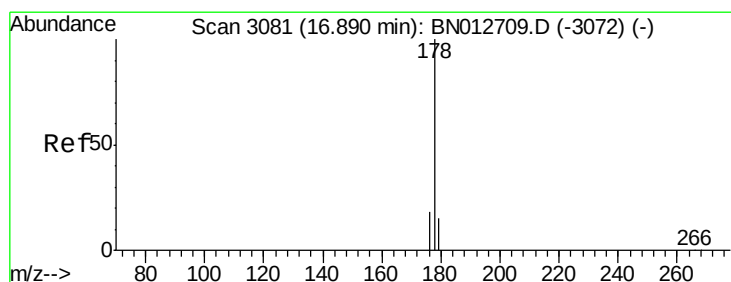
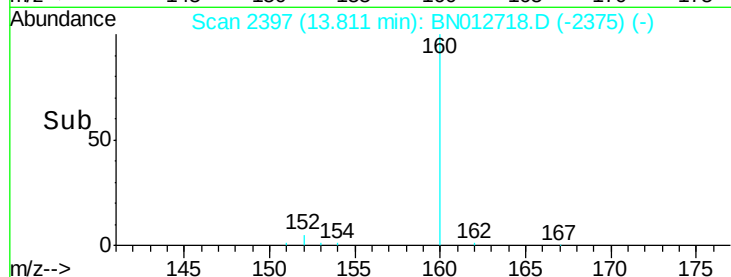
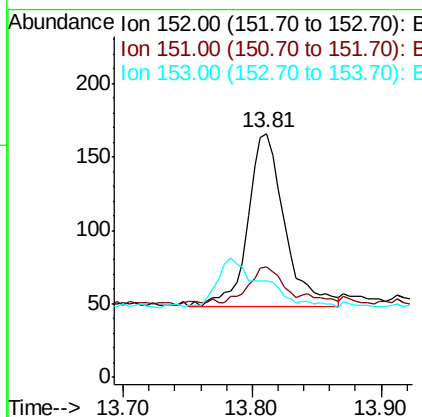
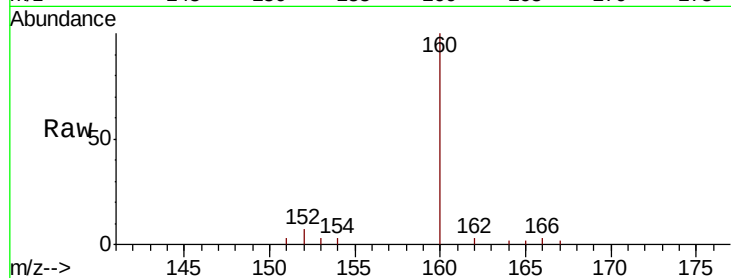
ClientSampleId :

C0AX1

Tot Ion:	152	Resp:	235
Ion Ratio	Lower	Upper	
152	100		
151	45.2	17.1	25.7#
153	39.8	12.6	19.0#

Manual Integrations
APPROVED

mohammad
11/25/2020 1:20:58 PM



#12

Phenanthrene

Concen: 0.186 ng/ul

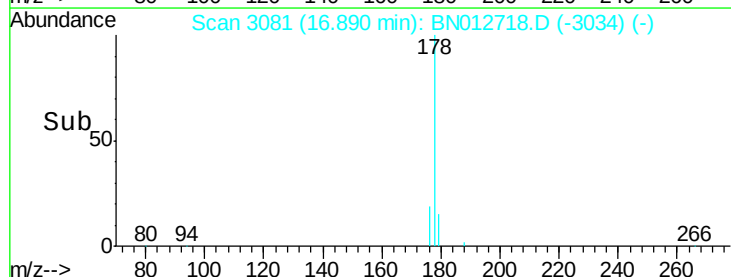
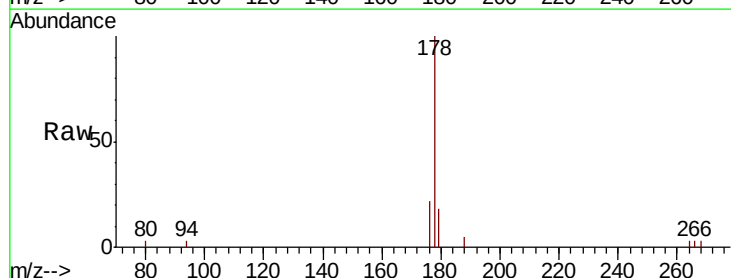
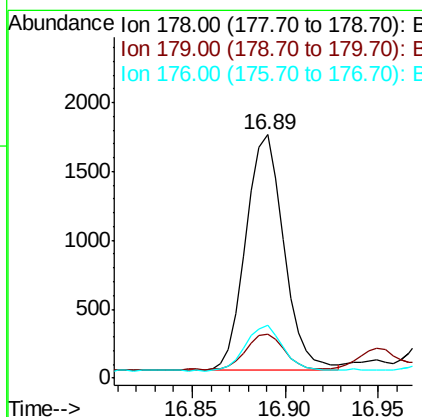
RT: 16.89 min Scan# 3081

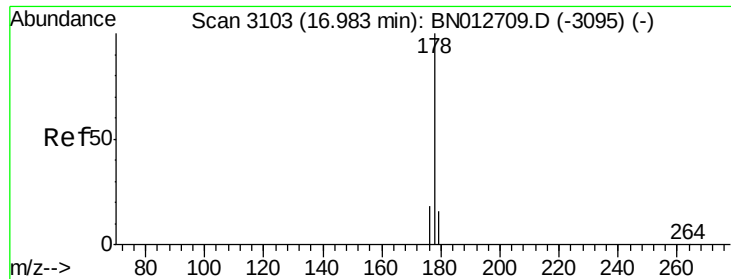
Delta R.T. -0.00 min

Lab File: BN012718.D

Acq: 24 Nov 2020 16:04

Tgt Ion:	178	Resp:	2421
Ion Ratio	Lower	Upper	
178	100		
179	18.2	13.8	20.6
176	21.7	16.7	25.1





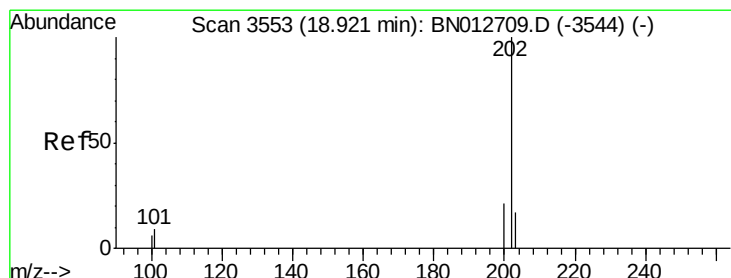
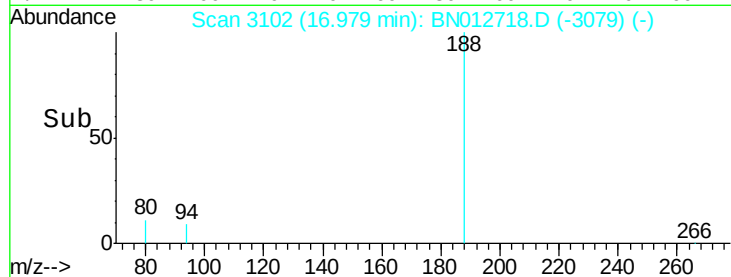
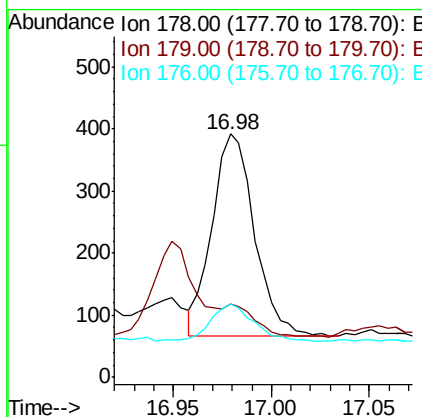
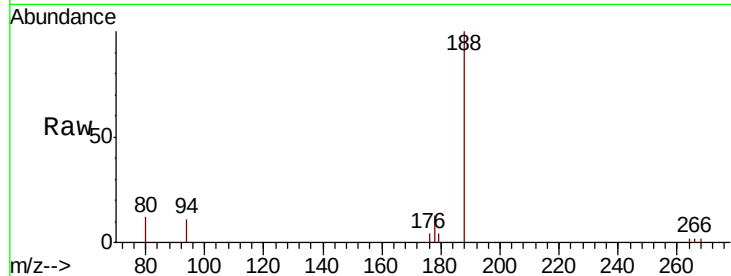
#13
 Anthracene
 Concen: 0.043 ng/ul
 RT: 16.98 min Scan# 3102
 Delta R.T. -0.00 min
 Lab File: BN012718.D
 Acq: 24 Nov 2020 16:04

Instrument :
 BNA_N
 ClientSampled :
 C0AX1

Tot Ion	Ratio	Lower	Upper
178	100		
179	29.8	14.8	22.2#
176	30.4	16.3	24.5#

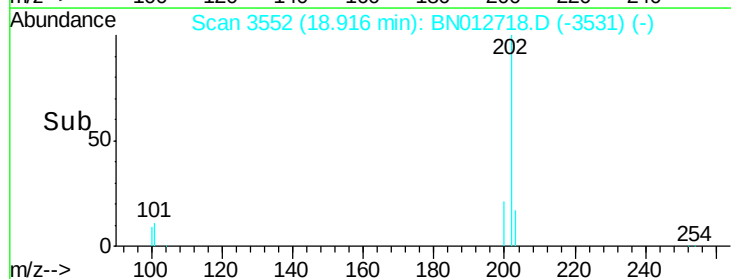
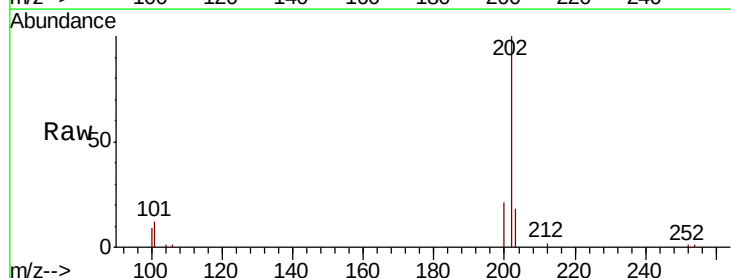
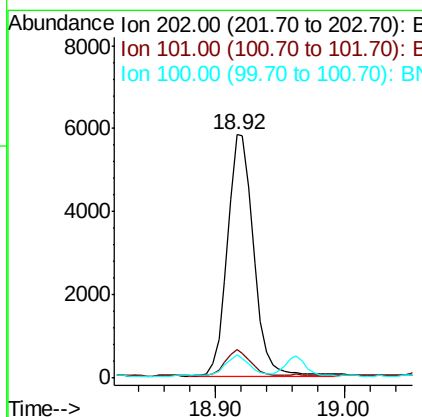
Manual Integrations
 APPROVED

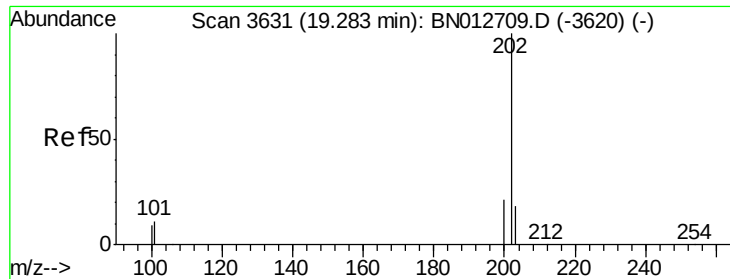
mohammad
 11/25/2020 1:20:58 PM



#15
 Fluoranthene
 Concen: 0.547 ng/ul
 RT: 18.92 min Scan# 3552
 Delta R.T. -0.00 min
 Lab File: BN012718.D
 Acq: 24 Nov 2020 16:04

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.8	0.0	30.5
100	9.5	0.0	28.4





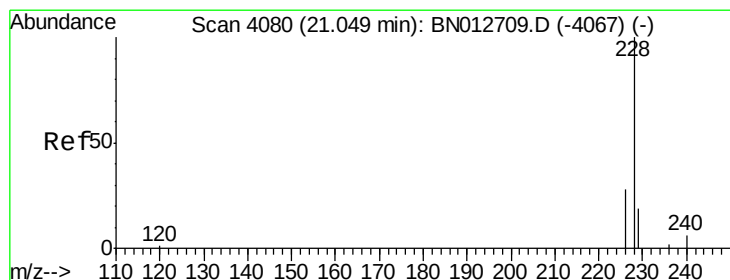
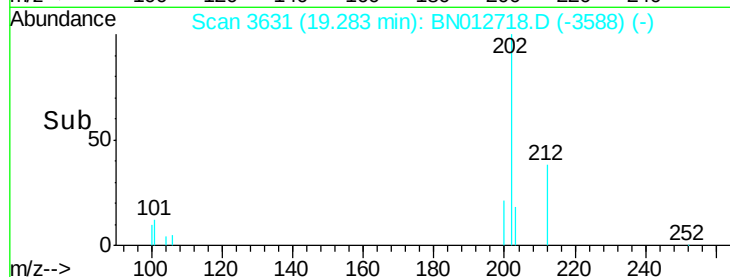
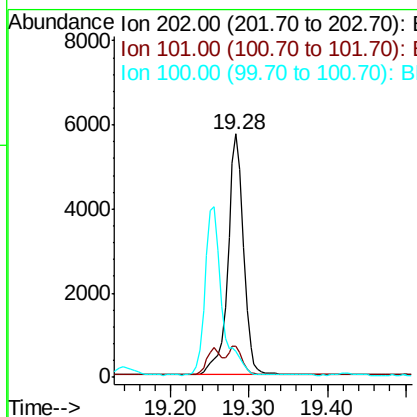
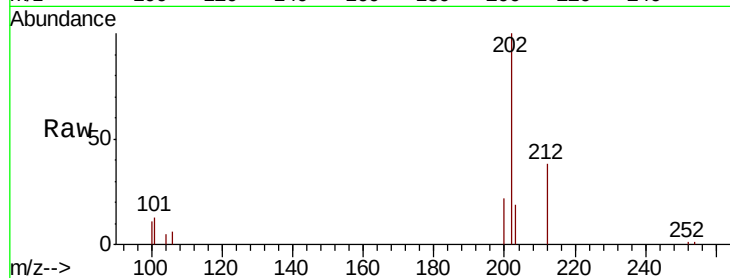
#17
 Pyrene
 Concen: 0.587 ng/ul
 RT: 19.28 min Scan# 3631
 Delta R.T. -0.00 min
 Lab File: BN012718.D
 Acq: 24 Nov 2020 16:04

Instrument :
 BNA_N
 ClientSampleId :
 C0AX1

Tot Ion:	202	Resp:	8019
Ion Ratio	Lower	Upper	
202	100		
101	13.0	8.9	13.3
100	10.9	7.4	11.2

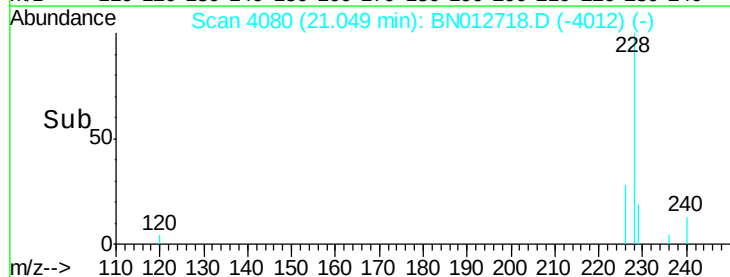
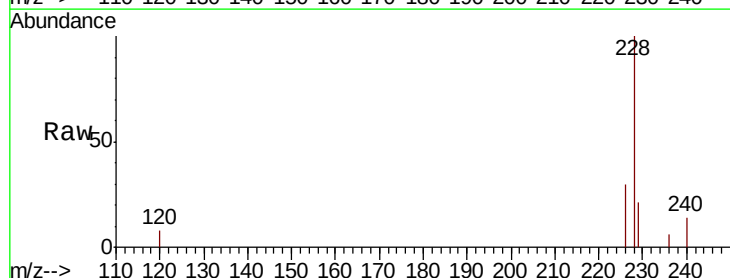
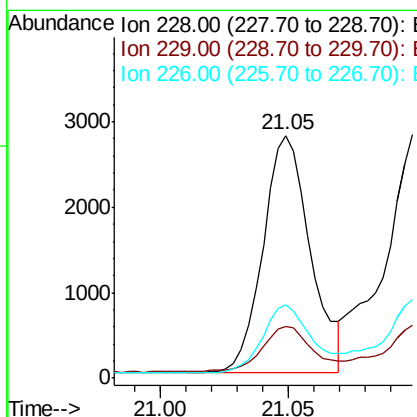
Manual Integrations
 APPROVED

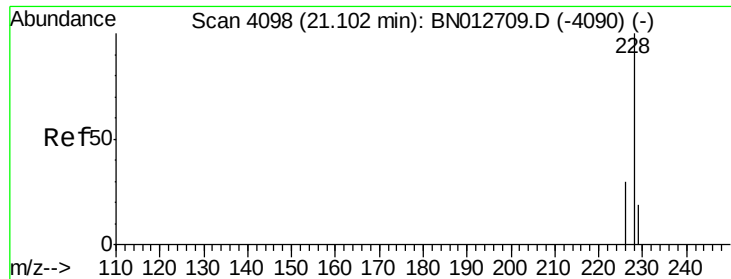
mohammad
 11/25/2020 1:20:58 PM



#18
 Benzo(a)anthracene
 Concen: 0.326 ng/ul
 RT: 21.05 min Scan# 4080
 Delta R.T. 0.00 min
 Lab File: BN012718.D
 Acq: 24 Nov 2020 16:04

Tgt Ion:	228	Resp:	3569
Ion Ratio	Lower	Upper	
228	100		
229	21.4	16.9	25.3
226	30.1	23.1	34.7





#19

Chrysene

Concen: 0.336 ng/ul

RT: 21.10 min Scan# 4097

Delta R.T. -0.00 min

Lab File: BN012718.D

Acq: 24 Nov 2020 16:04

Instrument :

BNA_N

ClientSampleId :

C0AX1

Tot Ion:228 Resp: 4597

Ion Ratio Lower Upper

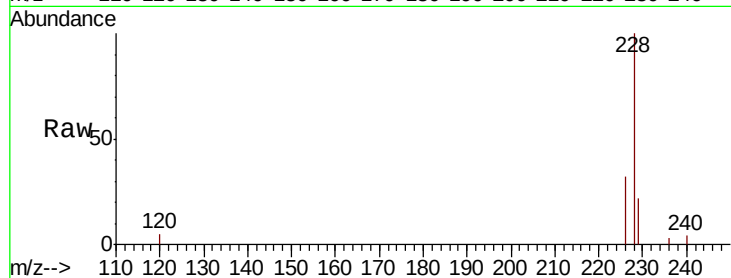
228 100

226 32.2 24.4 36.6

229 21.9 16.1 24.1

Manual Integrations
APPROVED

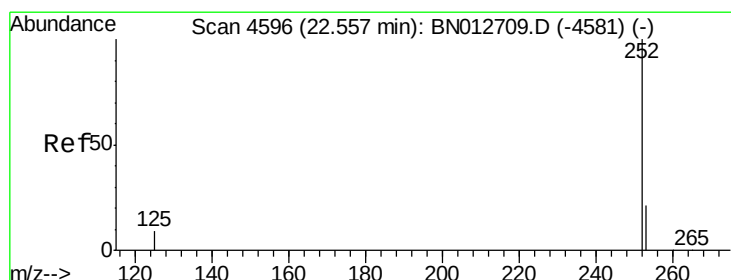
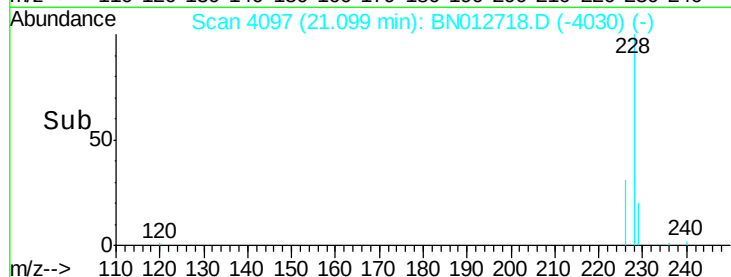
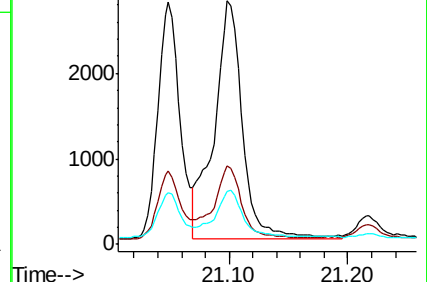
mohammad
11/25/2020 1:20:58 PM



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#21

Benzo(b)fluoranthene

Concen: 0.417 ng/ul m

RT: 22.56 min Scan# 4596

Delta R.T. -0.00 min

Lab File: BN012718.D

Acq: 24 Nov 2020 16:04

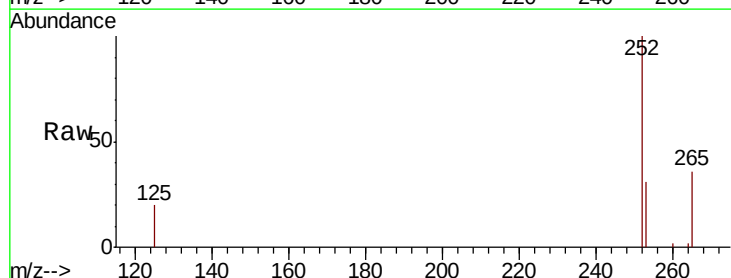
Tgt Ion:252 Resp: 6429

Ion Ratio Lower Upper

252 100

253 31.0 0.0 58.4

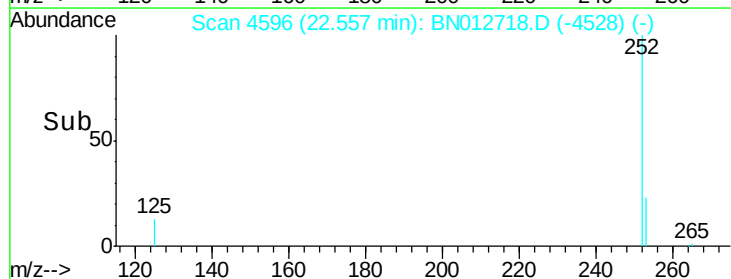
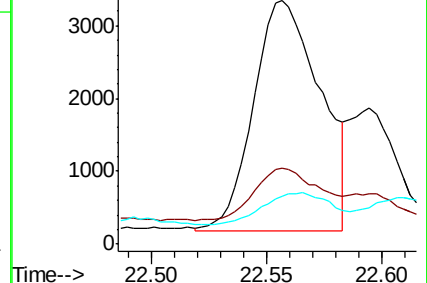
125 19.7 0.0 28.6

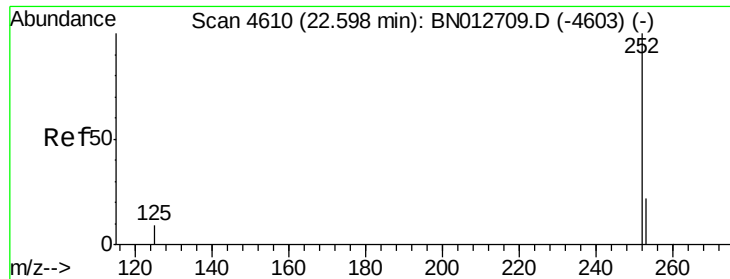


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





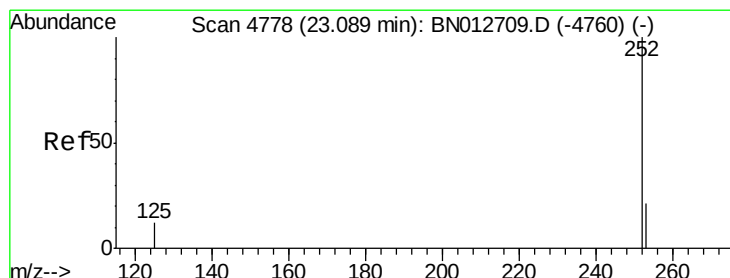
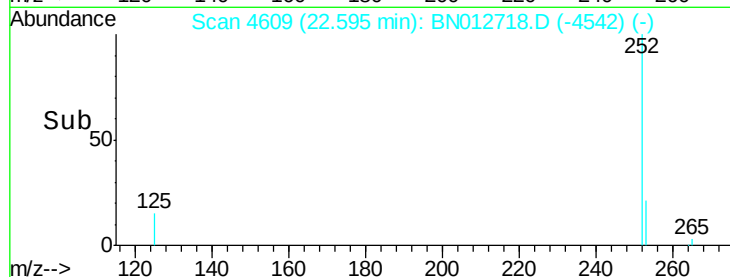
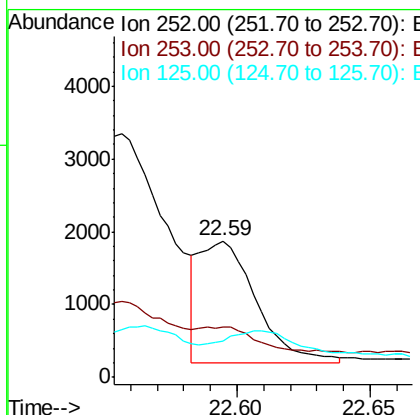
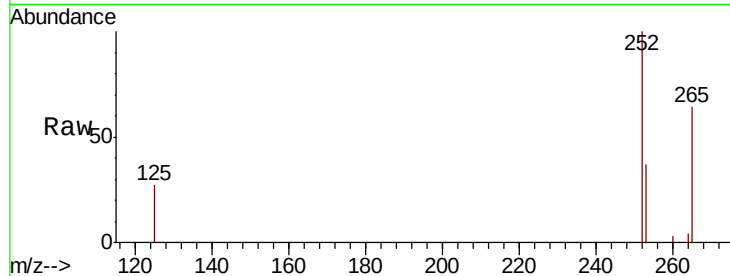
#22
Benzo(k)fluoranthene
Concen: 0.139 ng/ul m
RT: 22.59 min Scan# 4609
Delta R.T. -0.00 min
Lab File: BN012718.D
Acq: 24 Nov 2020 16:04

Instrument :
BNA_N
ClientSampleId :
C0AX1

Tot Ion	Ratio	Lower	Upper
252	100		
253	36.7	23.4	35.2#
125	27.0	10.2	15.2#

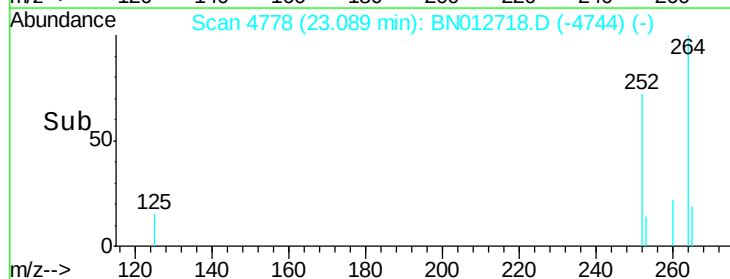
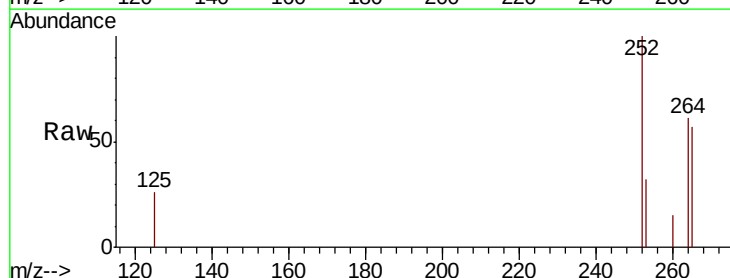
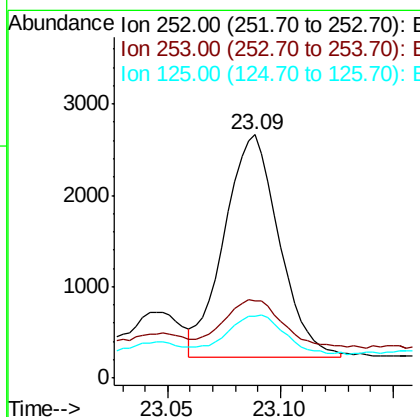
Manual Integrations
APPROVED

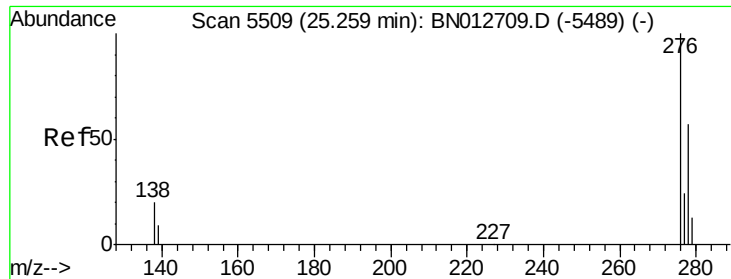
mohammad
11/25/2020 1:20:58 PM



#23
Benzo(a)pyrene
Concen: 0.285 ng/ul m
RT: 23.09 min Scan# 4778
Delta R.T. 0.00 min
Lab File: BN012718.D
Acq: 24 Nov 2020 16:04

Tgt Ion	Ratio	Lower	Upper
252	100		
253	31.7	27.6	41.4
125	25.6	17.0	25.4#





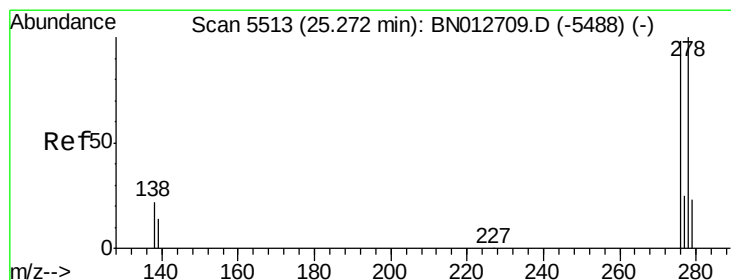
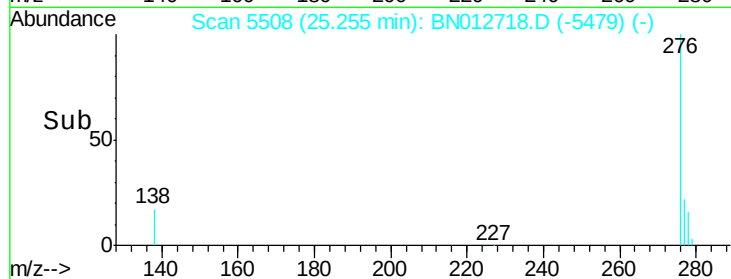
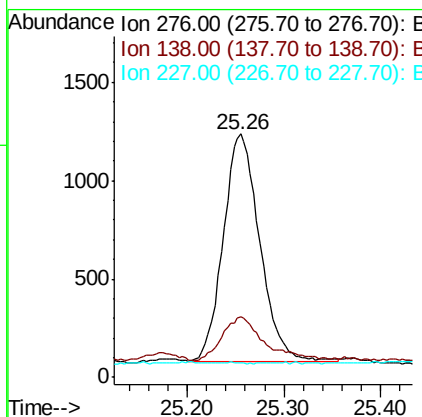
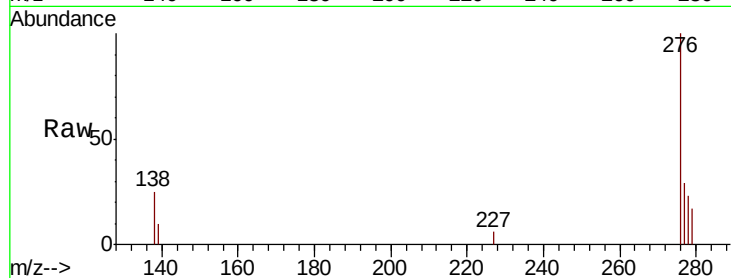
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.158 ng/ul
 RT: 25.26 min Scan# 5508
 Delta R.T. -0.00 min
 Lab File: BN012718.D
 Acq: 24 Nov 2020 16:04

Instrument :
 BNA_N
 ClientSampleId :
 C0AX1

Tot Ion	Ratio	Lower	Upper
276	100		
138	22.2	16.5	24.7
227	0.3	0.1	0.1

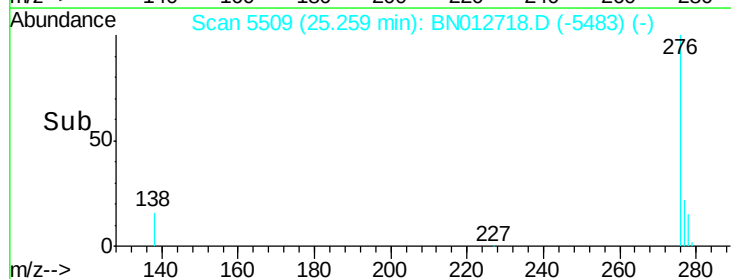
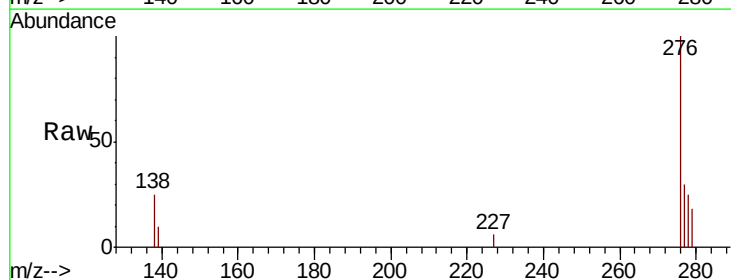
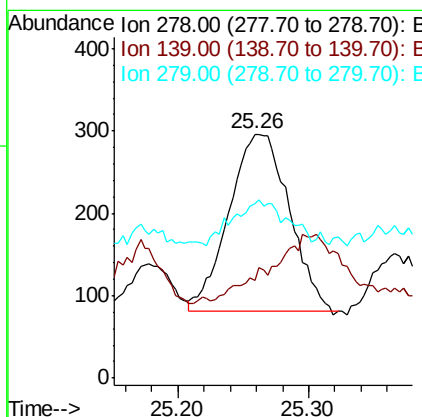
Manual Integrations
 APPROVED

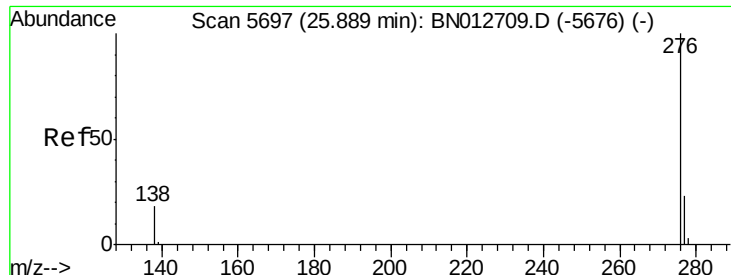
mohammad
 11/25/2020 1:20:58 PM



#25
 Dibenzo(a,h)anthracene
 Concen: 0.045 ng/ul
 RT: 25.26 min Scan# 5509
 Delta R.T. -0.01 min
 Lab File: BN012718.D
 Acq: 24 Nov 2020 16:04

Tgt Ion	Ratio	Lower	Upper
278	100		
139	40.2	13.8	20.8
279	71.6	25.6	38.4





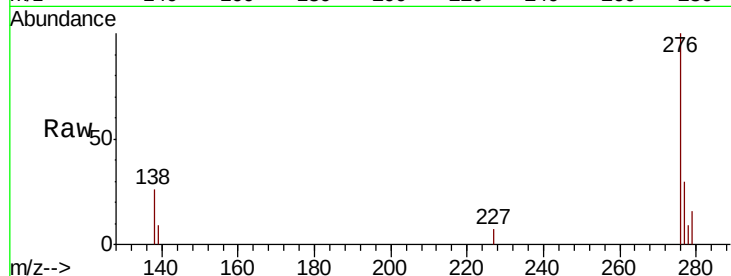
#26
 Benzo(a,h,i)perylene
 Concen: 0.164 ng/ul
 RT: 25.89 min Scan# 5698
 Delta R.T. 0.00 min
 Lab File: BN012718.D
 Acq: 24 Nov 2020 16:04

Instrument :
 BNA_N
 ClientSampleId :
 C0AX1

Tot Ion	Ratio	Lower	Upper
276	100		
138	25.7	16.3	24.5#
277	30.5	21.8	32.8

Manual Integrations
 APPROVED

mohammad
 11/25/2020 1:20:58 PM



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

