

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082123\
 Data File : BN027013.D
 Acq On : 22 Aug 2023 04:16
 Operator : MA/JU
 Sample : 03967-04
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A48K4

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/22/2023
 Supervised By :mohammad ahmed 08/22/2023

Quant Time: Aug 22 04:44:06 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN080323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 18 13:11:26 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.101	152	11912	0.400	ng/ul	0.00
4) Naphthalene-d8	10.927	136	38803	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.731	164	22062	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.472	188	49170	0.400	ng/ul	0.00
17) Chrysene-d12	21.641	240	38017	0.400	ng/ul	# 0.00
23) Perylene-d12	24.185	264	33738	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.443	96	44364	3.137	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.500	152	9281	0.163	ng/ul	0.00
18) Fluoranthene-d10	19.487	212	22270	0.186	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.977	128	2464	0.022	ng/ul#	82
10) Acenaphthylene	14.458	152	4767	0.039	ng/ul#	92
15) Phenanthrene	17.515	178	25057	0.155	ng/ul	98
16) Anthracene	17.607	178	5704m	0.039	ng/ul	
19) Fluoranthene	19.520	202	82033	0.519	ng/ul	99
20) Pyrene	19.887	202	69210m	0.411	ng/ul	
21) Benzo(a)anthracene	21.624	228	31814	0.210	ng/ul#	91
22) Chrysene	21.682	228	39585	0.265	ng/ul#	91
24) Benzo(b)fluoranthene	23.398	252	47130m	0.369	ng/ul	
25) Benzo(k)fluoranthene	23.445	252	18296m	0.145	ng/ul	
26) Benzo(a)pyrene	24.070	252	27106	0.235	ng/ul#	71
27) Indeno(1,2,3-cd)pyrene	26.871	276	21713	0.144	ng/ul#	88
29) Benzo(g,h,i)perylene	27.713	276	21937	0.175	ng/ul#	79

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

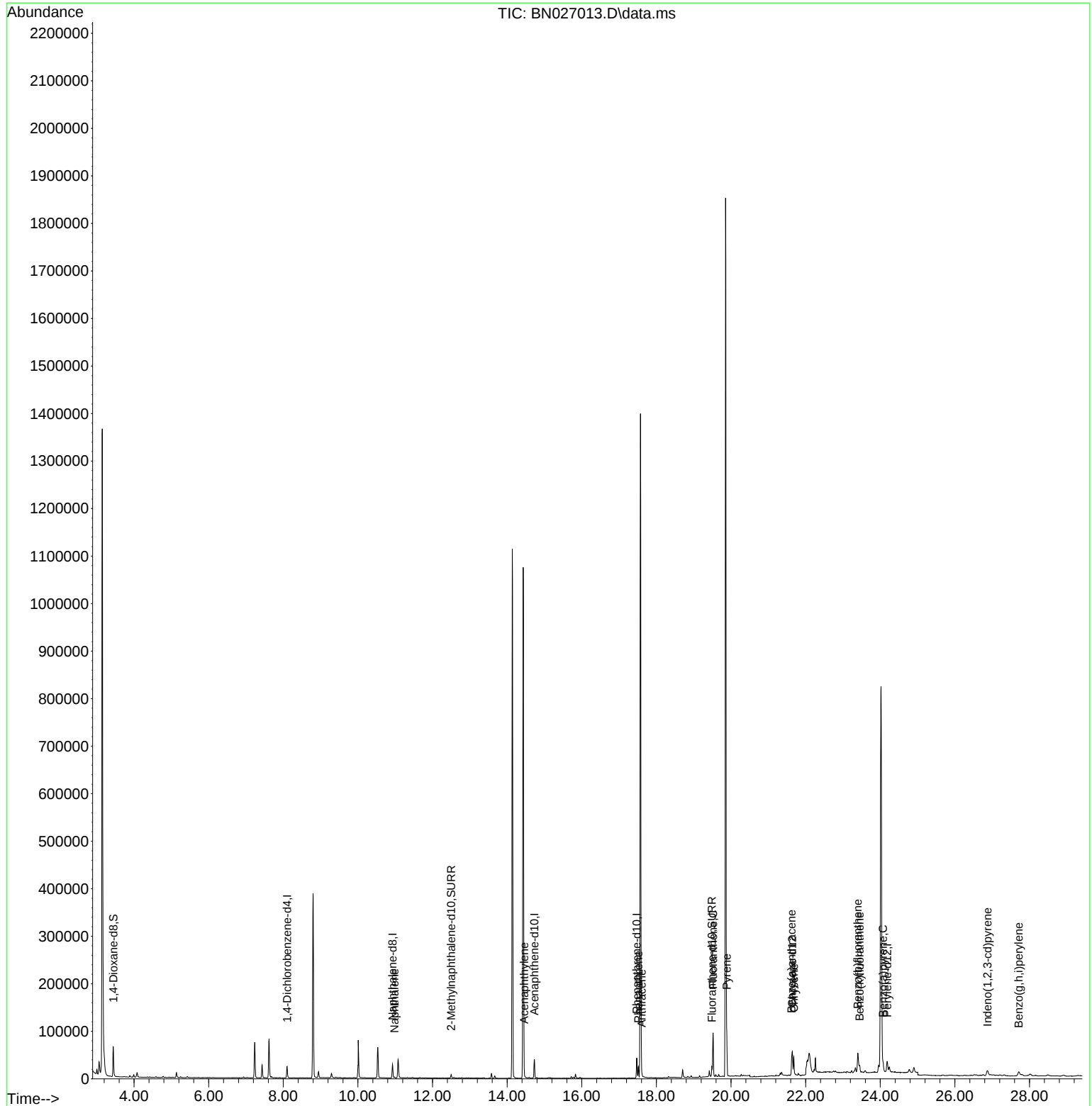
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082123\
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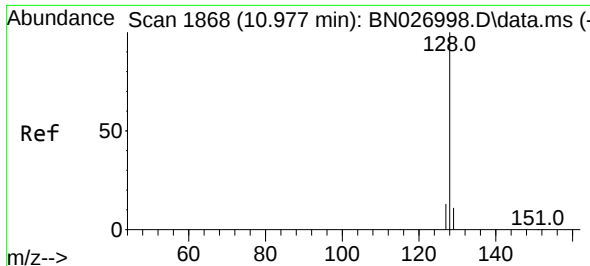
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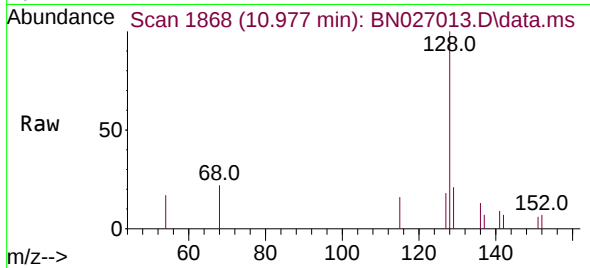
Quant Time: Aug 22 04:44:06 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN080323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 18 13:11:26 2023
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#5
Naphthalene
Concen: 0.022 ng/ul
RT: 10.977 min Scan# 1868
Delta R.T. -0.006 min
Lab File: BN027013.D
Acq: 22 Aug 2023 04:16

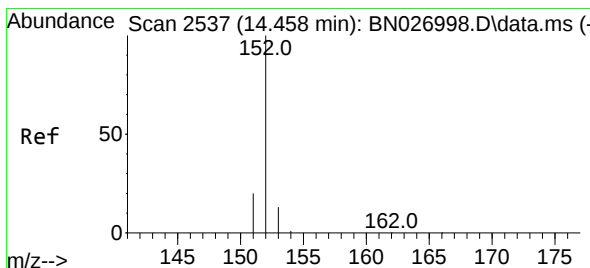
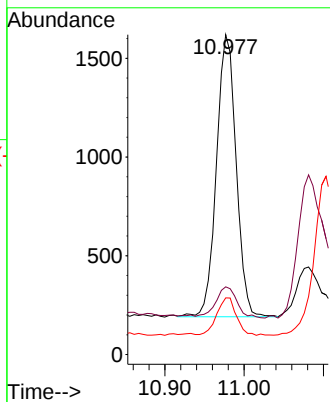
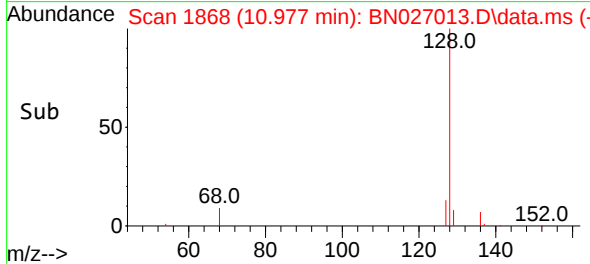
Instrument :
BNA_N
ClientSampleId :
A48K4



Tgt Ion:128 Resp: 2464
Ion Ratio Lower Upper
128 100
129 21.2 9.2 13.8
127 17.7 10.5 15.7

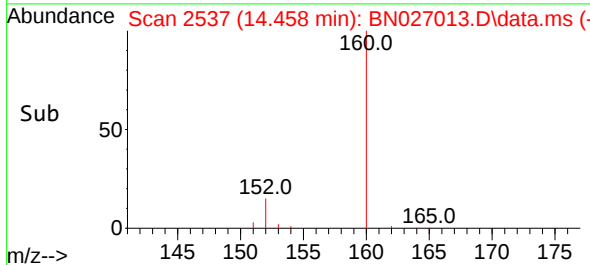
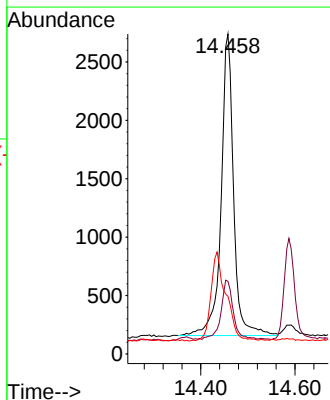
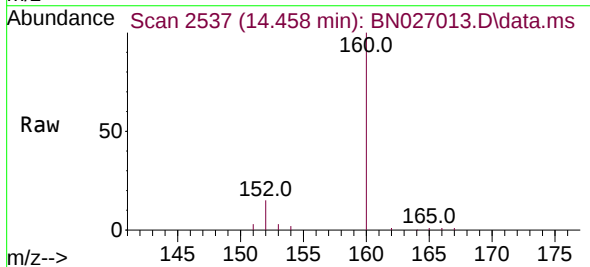
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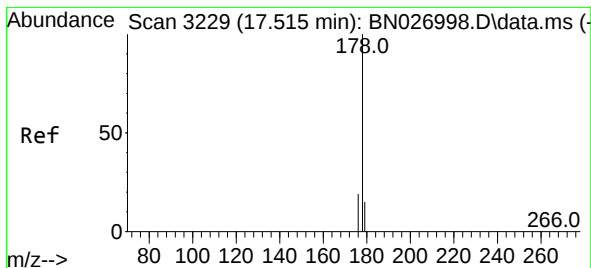
Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023



#10
Acenaphthylene
Concen: 0.039 ng/ul
RT: 14.458 min Scan# 2537
Delta R.T. -0.000 min
Lab File: BN027013.D
Acq: 22 Aug 2023 04:16

Tgt Ion:152 Resp: 4767
Ion Ratio Lower Upper
152 100
151 22.7 15.9 23.9
153 18.0 11.0 16.6





#15

Phenanthrene

Concen: 0.155 ng/ul

RT: 17.515 min Scan# 31

Delta R.T. -0.004 min

Lab File: BN027013.D

Acq: 22 Aug 2023 04:16

Instrument :

BNA_N

ClientSampleId :

A48K4

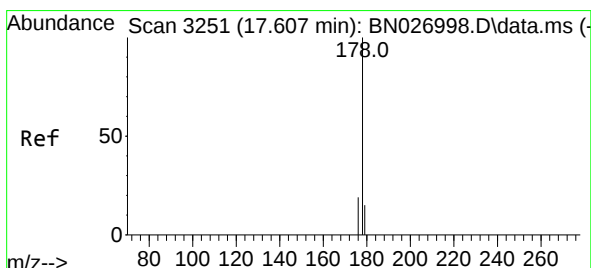
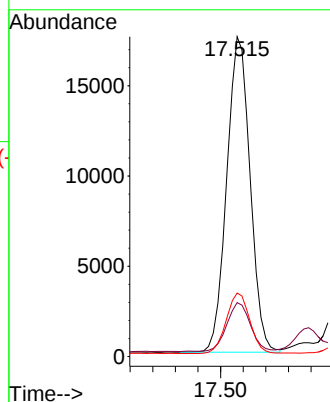
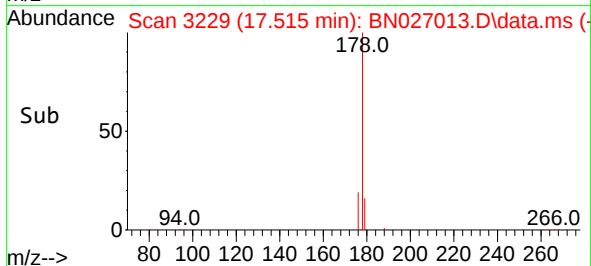
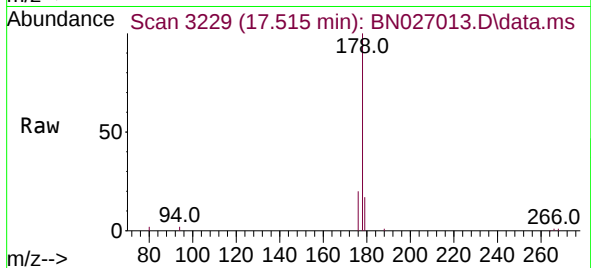
Tgt Ion:	178	Resp:	2505
Ion Ratio	Lower	Upper	
178	100		
179	16.9	12.6	18.8
176	19.9	15.4	23.2

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Supervised By :mohammad ahmed 08/22/2023



#16

Anthracene

Concen: 0.039 ng/ul m

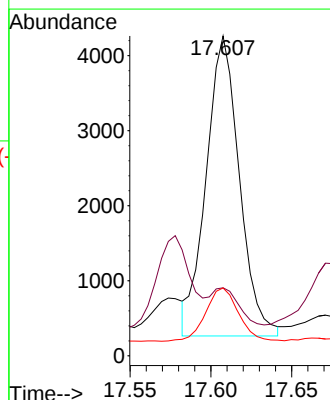
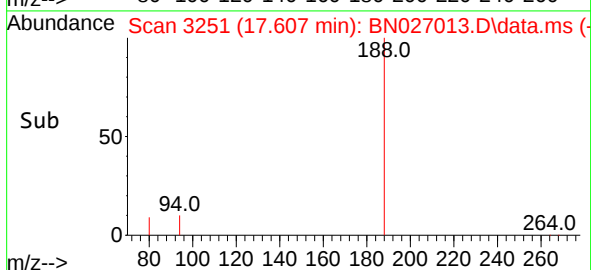
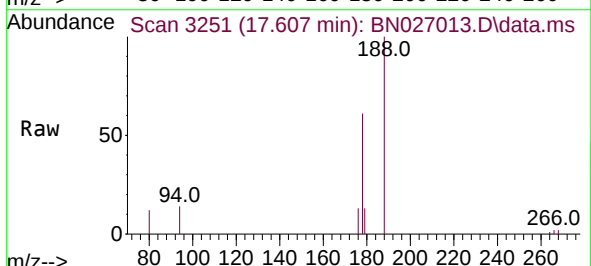
RT: 17.607 min Scan# 3251

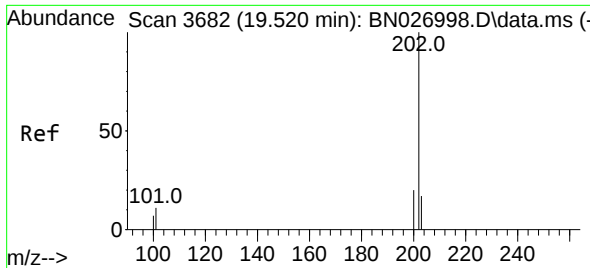
Delta R.T. -0.000 min

Lab File: BN027013.D

Acq: 22 Aug 2023 04:16

Tgt Ion:	178	Resp:	5704
Ion Ratio	Lower	Upper	
178	100		
179	21.3	12.6	19.0#
176	21.2	15.0	22.6





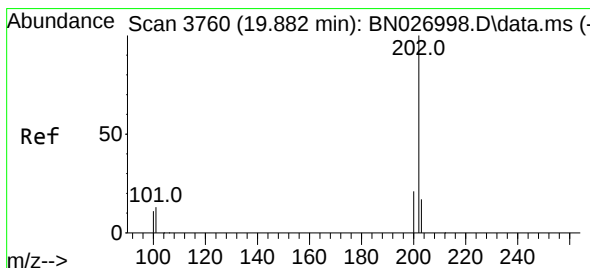
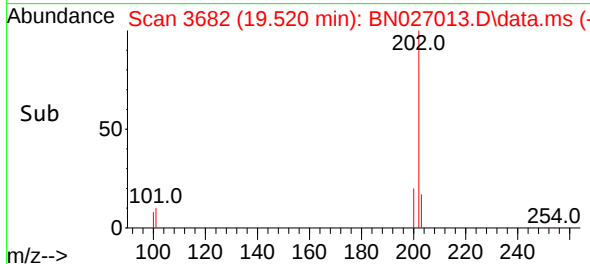
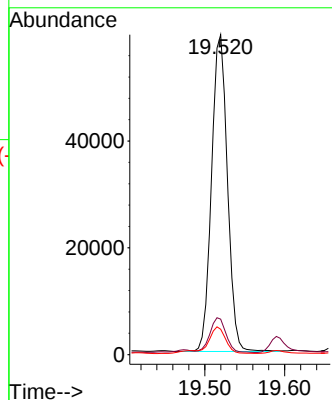
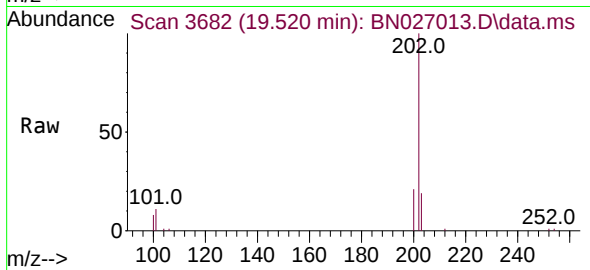
#19
Fluoranthene
Concen: 0.519 ng/ul
RT: 19.520 min Scan# 3682
Delta R.T. -0.005 min
Lab File: BN027013.D
Acq: 22 Aug 2023 04:16

Instrument :
BNA_N
ClientSampleId :
A48K4

Tgt Ion:202 Resp: 82033
Ion Ratio Lower Upper
202 100
101 11.1 8.3 12.5
100 7.9 6.2 9.2

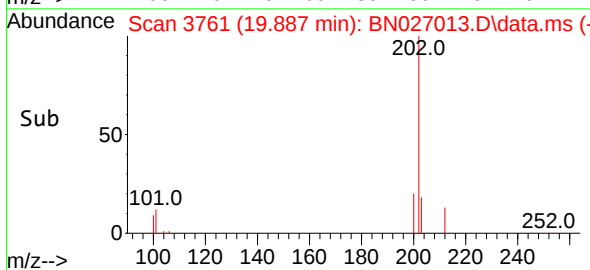
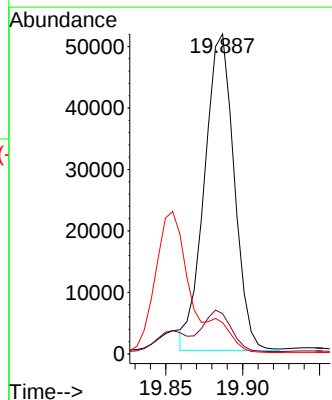
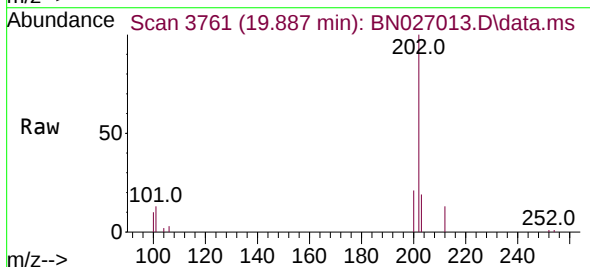
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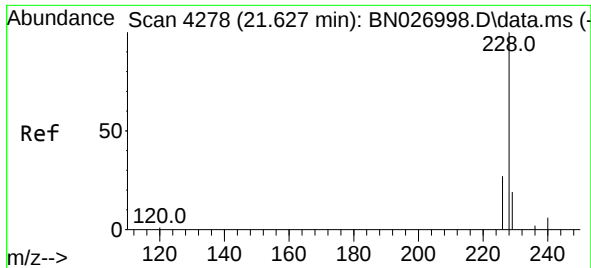
Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023



#20
Pyrene
Concen: 0.411 ng/ul m
RT: 19.887 min Scan# 3761
Delta R.T. -0.000 min
Lab File: BN027013.D
Acq: 22 Aug 2023 04:16

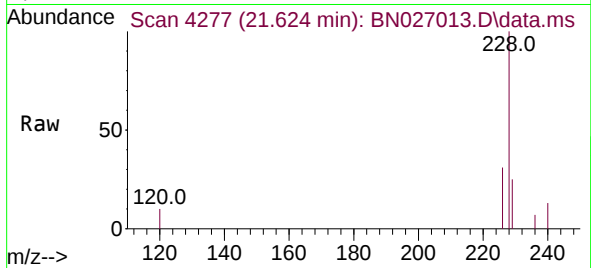
Tgt Ion:202 Resp: 69210
Ion Ratio Lower Upper
202 100
101 12.6 10.7 16.1
100 9.8 8.5 12.7





#21
Benzo(a)anthracene
Concen: 0.210 ng/ul
RT: 21.624 min Scan# 4278
Delta R.T. -0.009 min
Lab File: BN027013.D
Acq: 22 Aug 2023 04:16

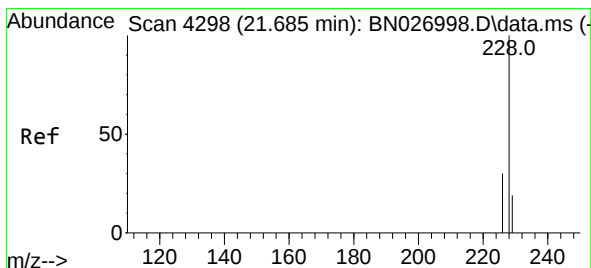
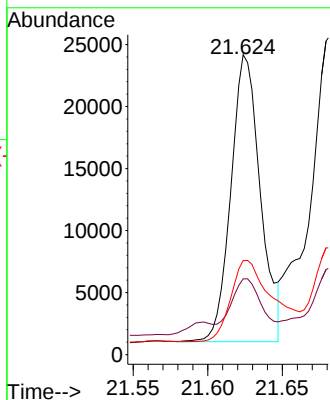
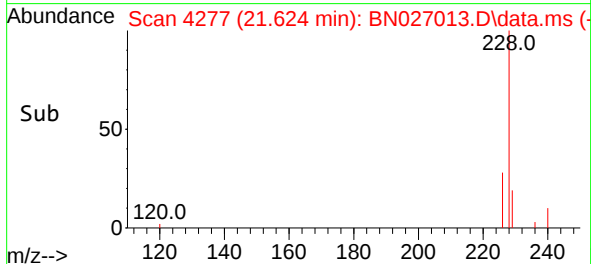
Instrument :
BNA_N
ClientSampleId :
A48K4



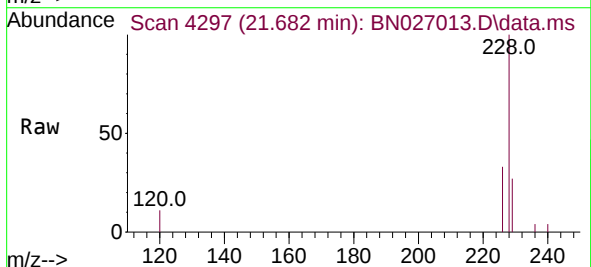
Tgt Ion:228 Resp: 31814
Ion Ratio Lower Upper
228 100
229 25.2 16.0 24.0
226 31.4 22.2 33.2

Manual Integrations
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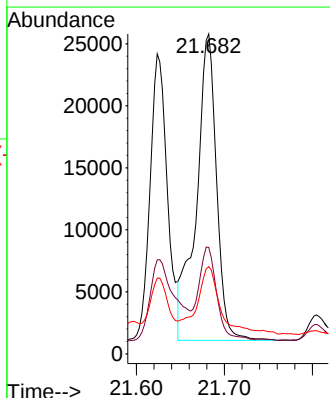
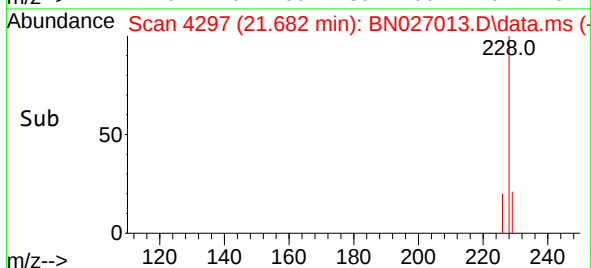
Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023

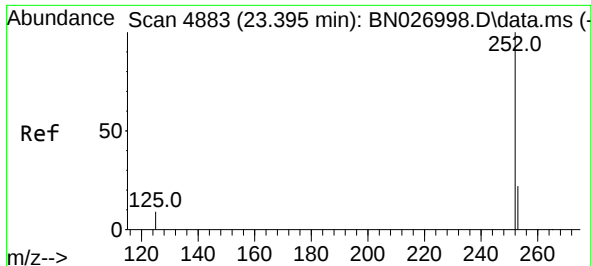


#22
Chrysene
Concen: 0.265 ng/ul
RT: 21.682 min Scan# 4297
Delta R.T. -0.009 min
Lab File: BN027013.D
Acq: 22 Aug 2023 04:16



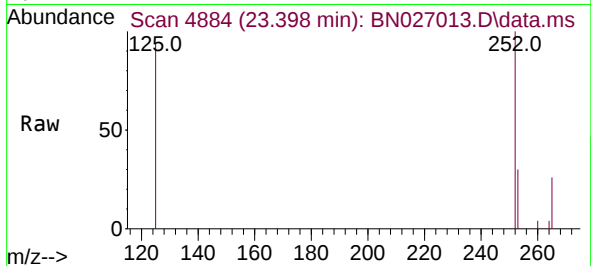
Tgt Ion:228 Resp: 39585
Ion Ratio Lower Upper
228 100
226 33.3 24.6 36.8
229 27.3 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 0.369 ng/ul m
RT: 23.398 min Scan# 4883
Delta R.T. -0.009 min
Lab File: BN027013.D
Acq: 22 Aug 2023 04:16

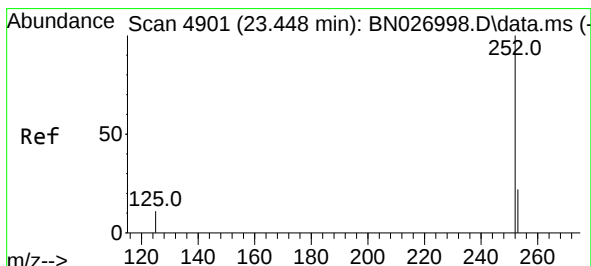
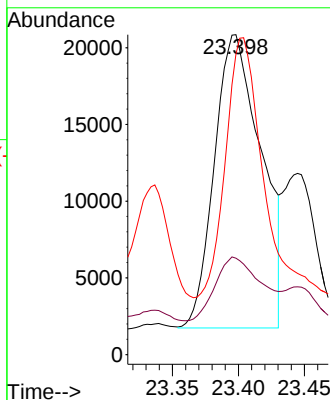
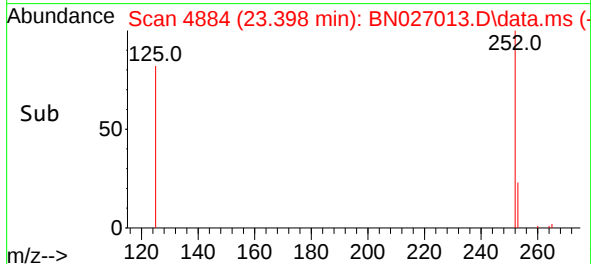
Instrument :
BNA_N
ClientSampleId :
A48K4



Tgt Ion:252 Resp: 47130
Ion Ratio Lower Upper
252 100
253 30.1 0.0 46.8
125 93.9 0.0 25.2

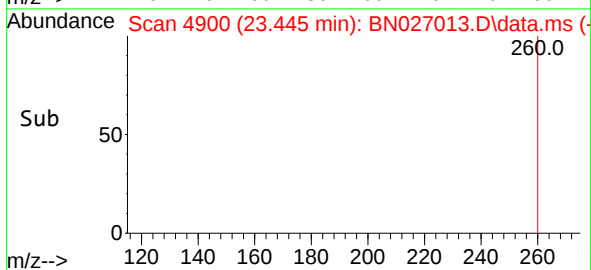
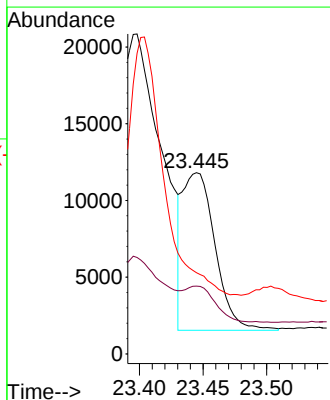
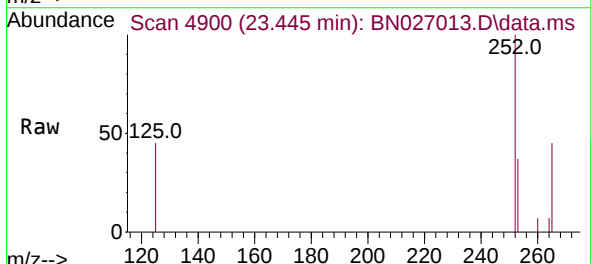
Manual Integrations
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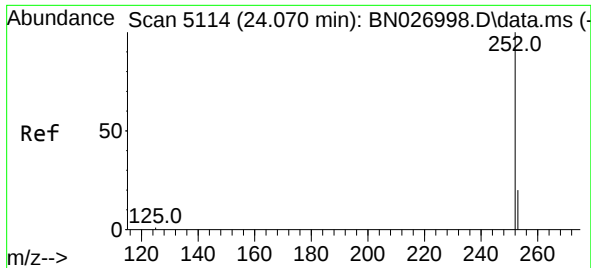
Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023



#25
Benzo(k)fluoranthene
Concen: 0.145 ng/ul m
RT: 23.445 min Scan# 4900
Delta R.T. -0.015 min
Lab File: BN027013.D
Acq: 22 Aug 2023 04:16

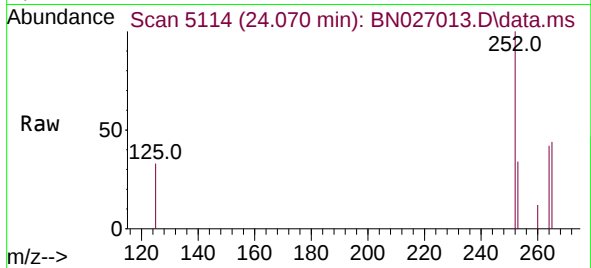
Tgt Ion:252 Resp: 18296
Ion Ratio Lower Upper
252 100
253 37.4 18.2 27.4#
125 44.9 9.9 14.9#





#26
Benzo(a)pyrene
Concen: 0.235 ng/ul
RT: 24.070 min Scan# 5114
Delta R.T. -0.015 min
Lab File: BN027013.D
Acq: 22 Aug 2023 04:16

Instrument :
BNA_N
ClientSampleId :
A48K4

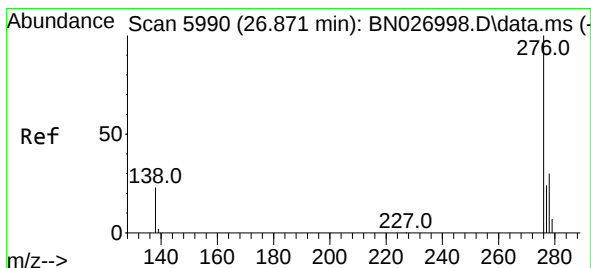
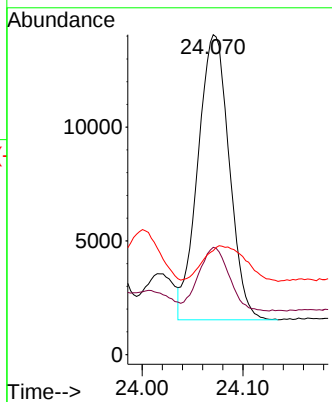
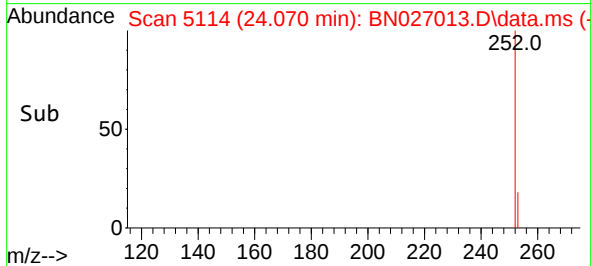


Tgt Ion:252 Resp: 27106
Ion Ratio Lower Upper
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253 33.5 19.0 28.6
125 32.5 11.4 17.0

Manual Integrations
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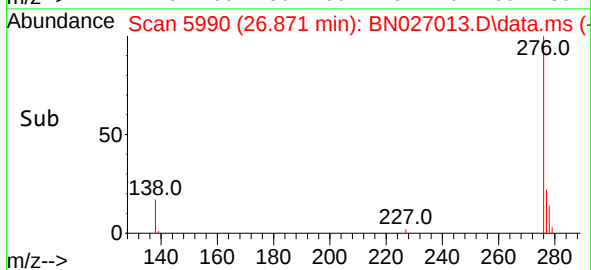
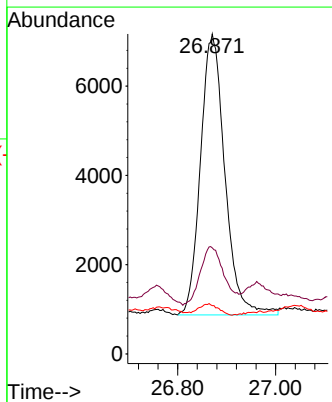
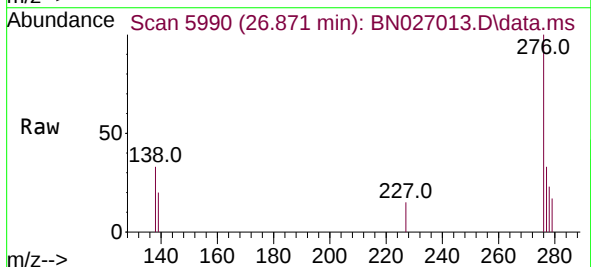
Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023

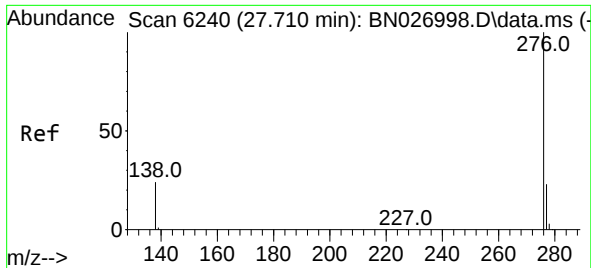
Supervised By :mohammad
ahmed
08/22/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.144 ng/ul
RT: 26.871 min Scan# 5990
Delta R.T. -0.014 min
Lab File: BN027013.D
Acq: 22 Aug 2023 04:16

Tgt Ion:276 Resp: 21713
Ion Ratio Lower Upper
276 100
138 20.8 21.6 32.4#
227 3.2 0.0 0.0#





#29

Benzo(g,h,i)perylene

Concen: 0.175 ng/ul

RT: 27.713 min Scan# 61

Delta R.T. -0.011 min

Lab File: BN027013.D

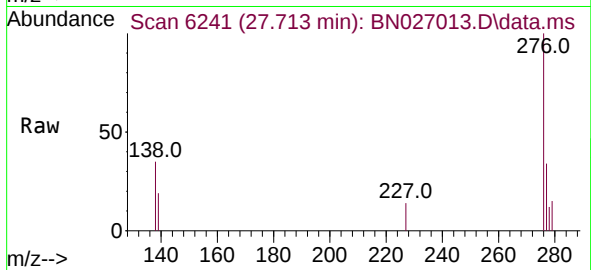
Acq: 22 Aug 2023 04:16

Instrument :

BNA_N

ClientSampleId :

A48K4



Tgt Ion:276 Resp: 2193

Ion Ratio Lower Upper

276 100

138 35.2 19.3 28.9

277 34.2 19.8 29.8

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Supervised By :mohammad

ahmed

08/22/2023

