

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102122\
 Data File : BN022266.D
 Acq On : 21 Oct 2022 22:31
 Operator : CG/JU
 Sample : N5064-16
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0BN5

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 10/24/2022
 Supervised By :mohammad ahmed 10/24/2022

Quant Time: Oct 22 01:24:22 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN102022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 19 23:32:34 2022
 Response via : Initial Calibration

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

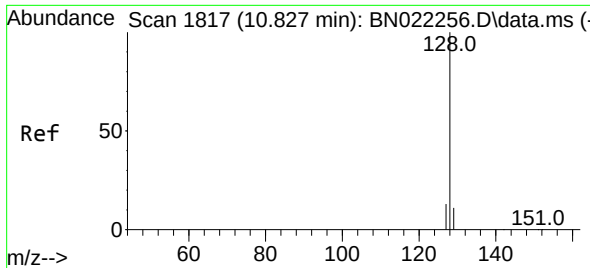
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.948	152	4424	0.400	ng/ul	0.00
4) Naphthalene-d8	10.776	136	14236	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.622	164	7378	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.377	188	13271	0.400	ng/ul	0.00
17) Chrysene-d12	21.576	240	9038	0.400	ng/ul	0.00
23) Perylene-d12	24.035	264	8498	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.253	96	34670	6.030	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.371	152	7925	0.368	ng/ul	0.00
18) Fluoranthene-d10	19.411	212	12003	0.396	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.826	128	2897	0.069	ng/ul#	93
7) 2-Methylnaphthalene	12.443	142	2137	0.081	ng/ul	99
8) 1-Methylnaphthalene	12.663	142	1910	0.070	ng/ul	99
10) Acenaphthylene	14.344	152	8508	0.257	ng/ul	98
12) Fluorene	15.672	166	990	0.031	ng/ul#	92
15) Phenanthrene	17.419	178	34691	0.779	ng/ul	100
16) Anthracene	17.508	178	5804	0.155	ng/ul	96
19) Fluoranthene	19.438	202	52791	1.275	ng/ul	100
20) Pyrene	19.806	202	41333m	0.994	ng/ul	
21) Benzo(a)anthracene	21.559	228	20666	0.610	ng/ul	95
22) Chrysene	21.611	228	23761	0.662	ng/ul	96
24) Benzo(b)fluoranthene	23.283	252	31950m	0.749	ng/ul	
25) Benzo(k)fluoranthene	23.324	252	10848m	0.261	ng/ul	
26) Benzo(a)pyrene	23.927	252	18209	0.535	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	26.615	276	15503	0.367	ng/ul#	94
28) Dibenzo(a,h)anthracene	26.629	278	4332	0.128	ng/ul#	73
29) Benzo(g,h,i)perylene	27.413	276	11195	0.325	ng/ul	97

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

Manual Integrations

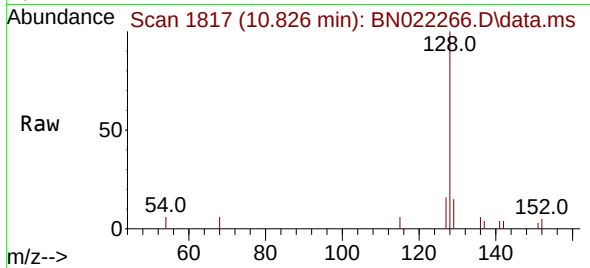
Quant Time: Oct 22 01:24:22 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN102022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 19 23:32:34 2022
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.069 ng/ul
RT: 10.826 min Scan# 1817
Delta R.T. -0.006 min
Lab File: BN022266.D
Acq: 21 Oct 2022 22:31

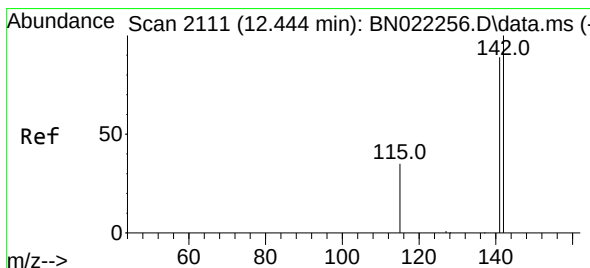
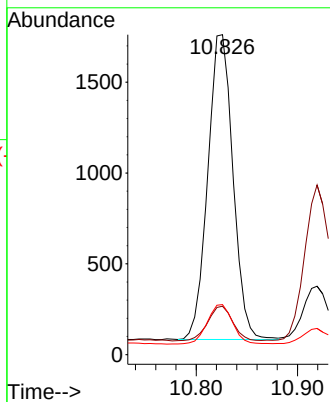
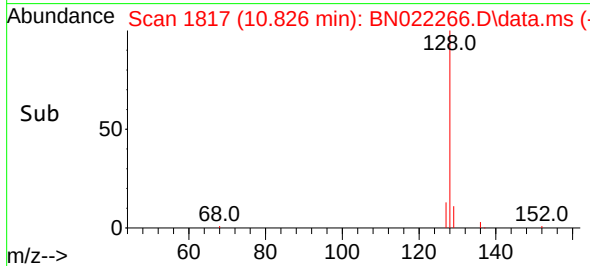
Instrument :
BNA_N
ClientSampleId :
COBN5



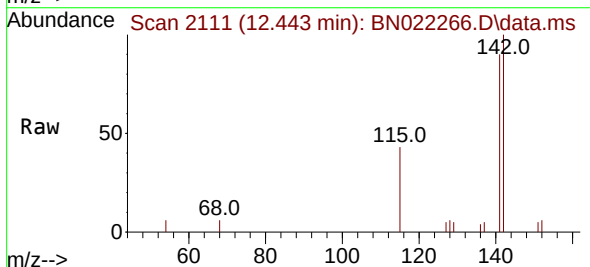
Tgt Ion:128 Resp: 289
Ion Ratio Lower Upper
128 100
129 15.2 9.3 13.9
127 15.7 10.7 16.1

Manual Integrations
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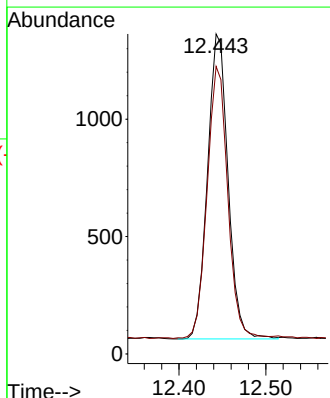
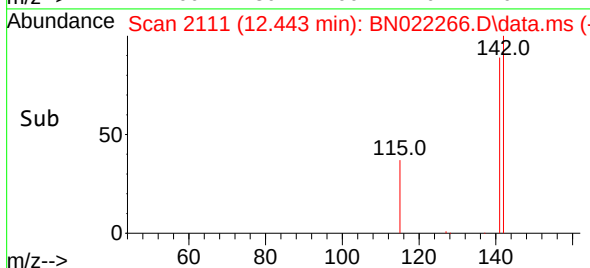
Reviewed By :Jagrut Upadhyay 10/24/2022
Supervised By :mohammad ahmed 10/24/2022

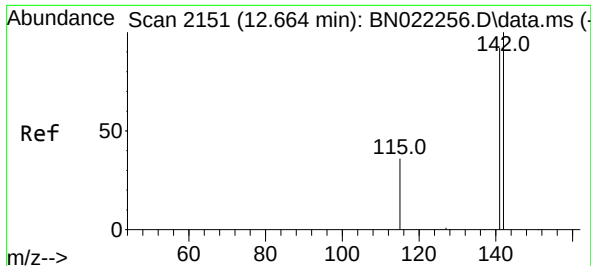


#7
2-Methylnaphthalene
Concen: 0.081 ng/ul
RT: 12.443 min Scan# 2111
Delta R.T. -0.006 min
Lab File: BN022266.D
Acq: 21 Oct 2022 22:31



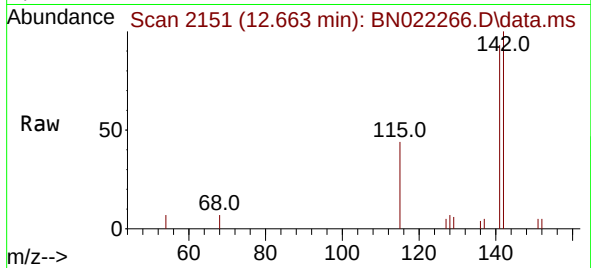
Tgt Ion:142 Resp: 2137
Ion Ratio Lower Upper
142 100
141 89.7 71.1 106.7





#8
1-Methylnaphthalene
Concen: 0.070 ng/ul
RT: 12.663 min Scan# 2151
Delta R.T. -0.006 min
Lab File: BN022266.D
Acq: 21 Oct 2022 22:31

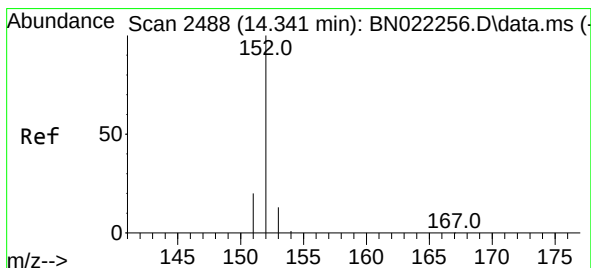
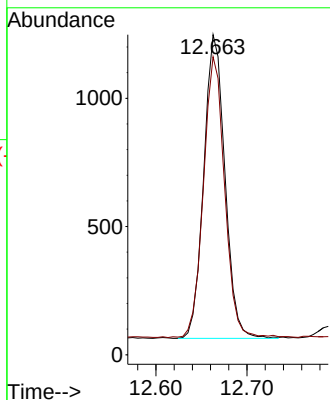
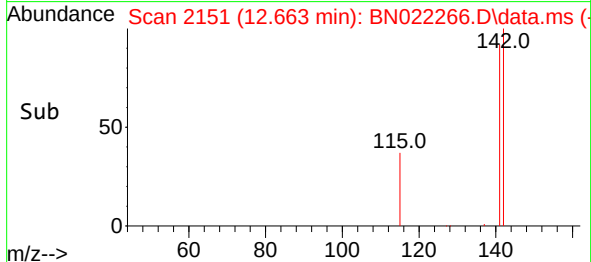
Instrument :
BNA_N
ClientSampleId :
C0BN5



Tgt Ion:142 Resp: 1910
Ion Ratio Lower Upper
142 100
141 92.7 73.3 109.9

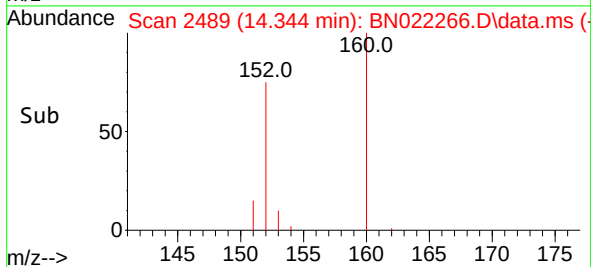
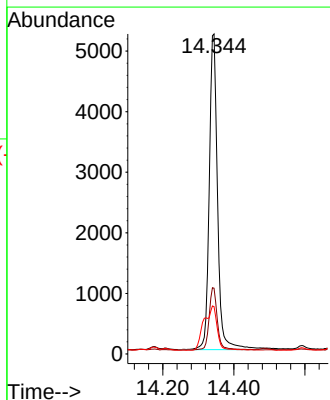
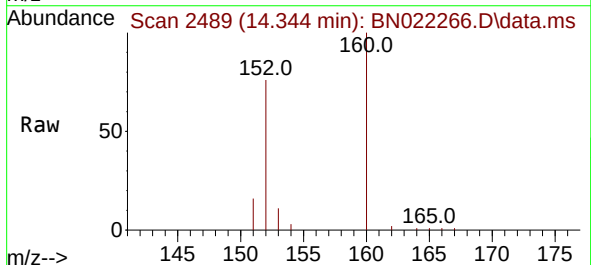
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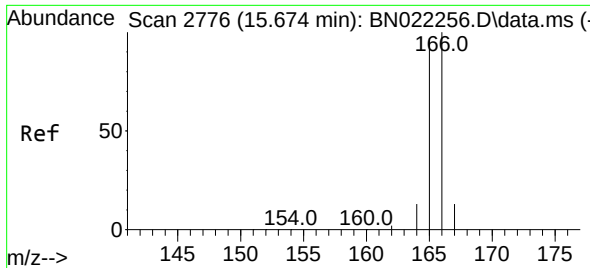
Reviewed By :Jagrut Upadhyay 10/24/2022
Supervised By :mohammad ahmed 10/24/2022



#10
Acenaphthylene
Concen: 0.257 ng/ul
RT: 14.344 min Scan# 2489
Delta R.T. -0.005 min
Lab File: BN022266.D
Acq: 21 Oct 2022 22:31

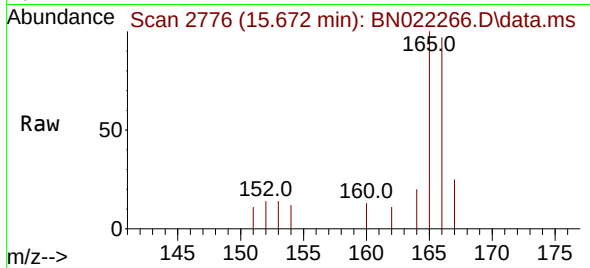
Tgt Ion:152 Resp: 8508
Ion Ratio Lower Upper
152 100
151 20.5 15.9 23.9
153 14.8 10.8 16.2





#12
Fluorene
Concen: 0.031 ng/u1
RT: 15.672 min Scan# 21
Delta R.T. -0.005 min
Lab File: BN022266.D
Acq: 21 Oct 2022 22:31

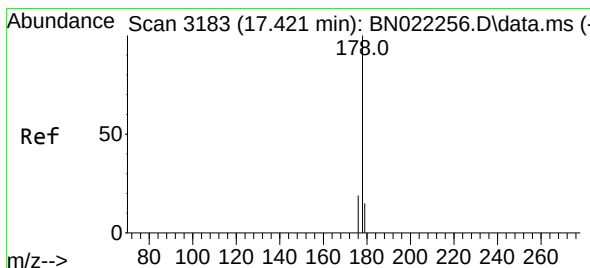
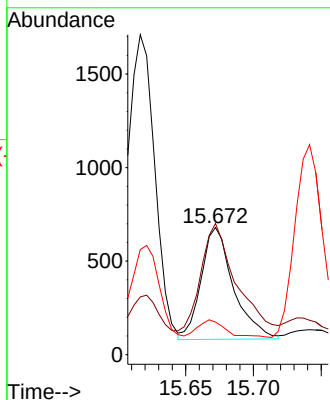
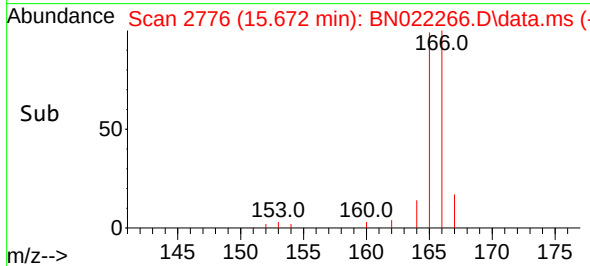
Instrument :
BNA_N
ClientSampleId :
C0BN5



Tgt Ion:166 Resp: 990
Ion Ratio Lower Upper
166 100
165 103.1 78.2 117.2
167 25.7 11.0 16.4

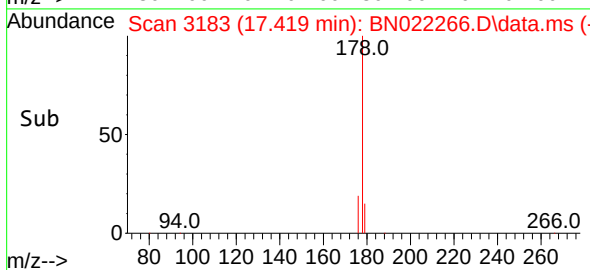
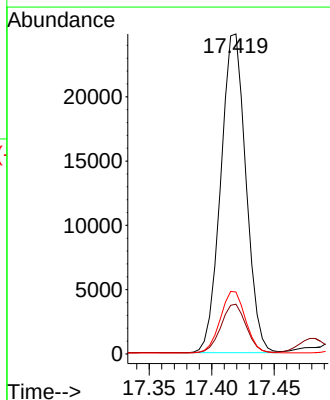
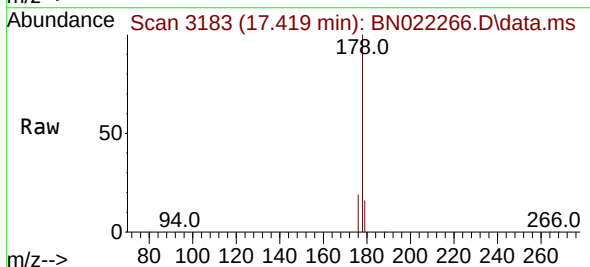
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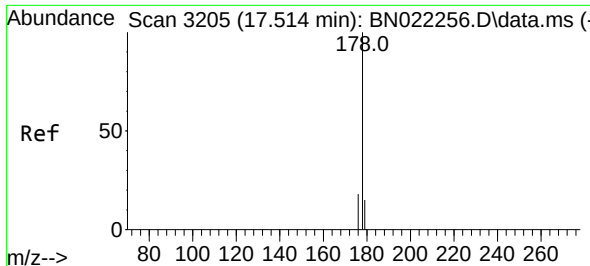
Reviewed By :Jagrut Upadhyay 10/24/2022
Supervised By :mohammad ahmed 10/24/2022



#15
Phenanthrene
Concen: 0.779 ng/u1
RT: 17.419 min Scan# 3183
Delta R.T. -0.004 min
Lab File: BN022266.D
Acq: 21 Oct 2022 22:31

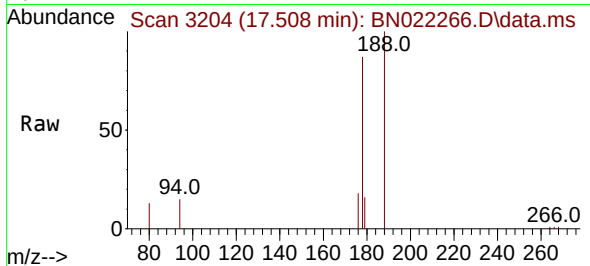
Tgt Ion:178 Resp: 34691
Ion Ratio Lower Upper
178 100
179 15.5 12.7 19.1
176 19.3 15.4 23.2





#16
 Anthracene
 Concen: 0.155 ng/ul
 RT: 17.508 min Scan# 31
 Delta R.T. -0.009 min
 Lab File: BN022266.D
 Acq: 21 Oct 2022 22:31

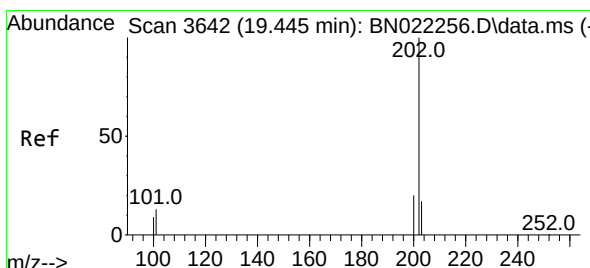
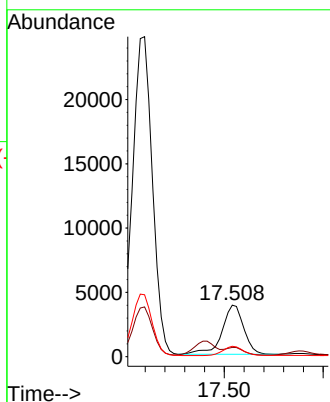
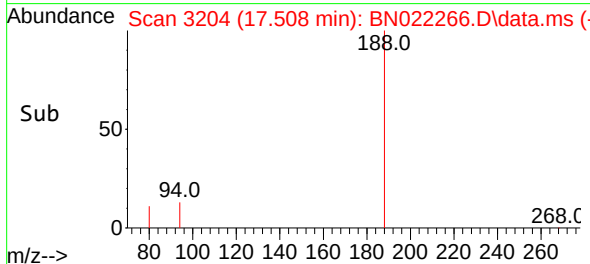
Instrument :
 BNA_N
 ClientSampleId :
 C0BN5



Tgt Ion:178 Resp: 5804
 Ion Ratio Lower Upper
 178 100
 179 17.9 12.6 18.8
 176 20.2 15.0 22.6

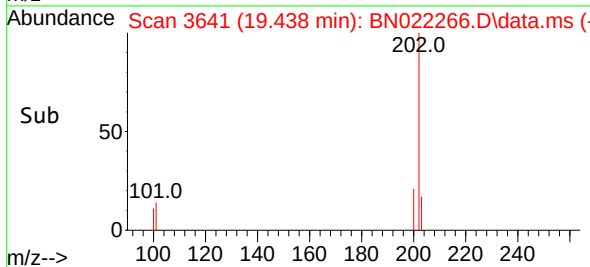
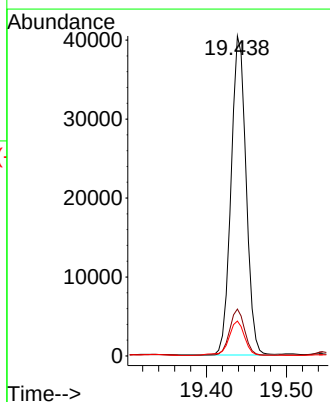
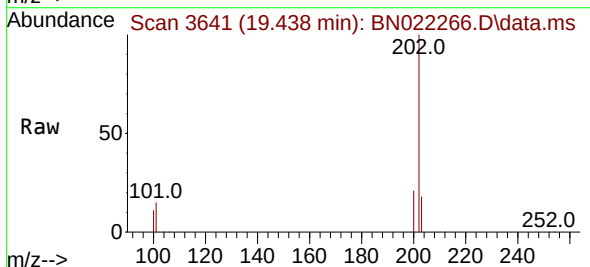
Manual Integrations
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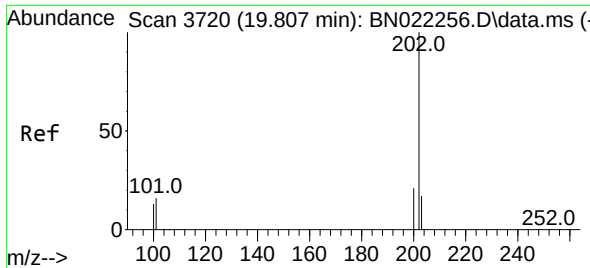
Reviewed By :Jagrut Upadhyay 10/24/2022
 Supervised By :mohammad ahmed 10/24/2022



#19
 Fluoranthene
 Concen: 1.275 ng/ul
 RT: 19.438 min Scan# 3641
 Delta R.T. -0.005 min
 Lab File: BN022266.D
 Acq: 21 Oct 2022 22:31

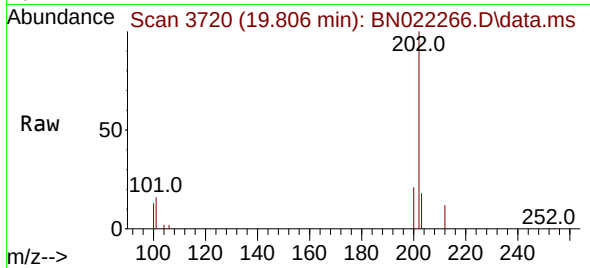
Tgt Ion:202 Resp: 52791
 Ion Ratio Lower Upper
 202 100
 101 14.7 11.8 17.6
 100 10.9 8.7 13.1





#20
Pyrene
Concen: 0.994 ng/ul m
RT: 19.806 min Scan# 3720
Delta R.T. -0.005 min
Lab File: BN022266.D
Acq: 21 Oct 2022 22:31

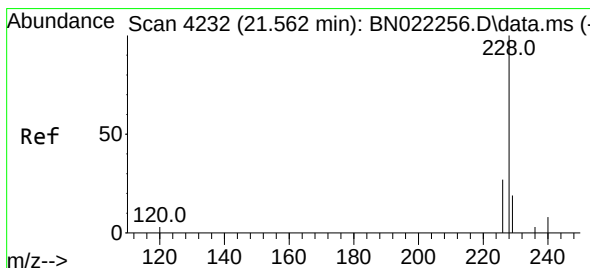
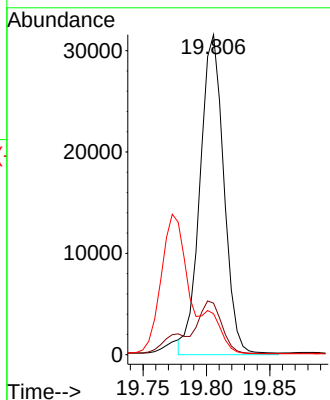
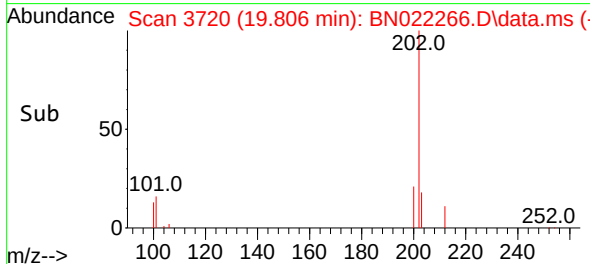
Instrument :
BNA_N
ClientSampleId :
C0BN5



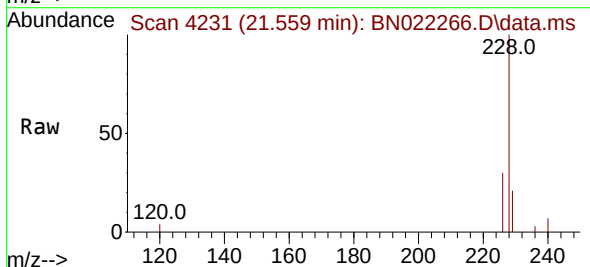
Tgt Ion:202 Resp: 4133
Ion Ratio Lower Upper
202 100
101 16.1 13.1 19.7
100 12.8 10.6 16.0

Manual Integrations
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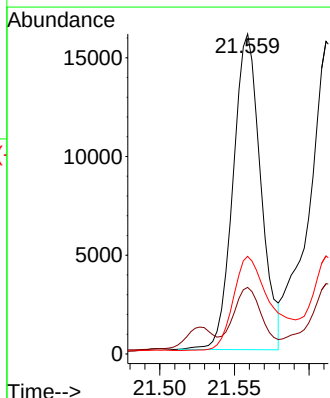
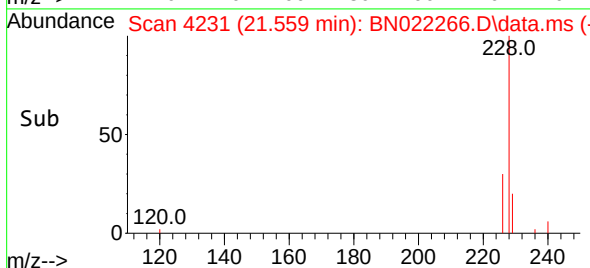
Reviewed By :Jagrut Upadhyay 10/24/2022
Supervised By :mohammad ahmed 10/24/2022

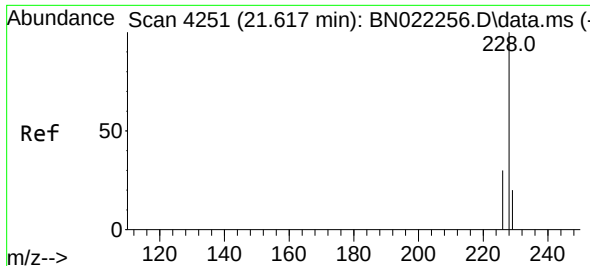


#21
Benzo(a)anthracene
Concen: 0.610 ng/ul
RT: 21.559 min Scan# 4231
Delta R.T. -0.009 min
Lab File: BN022266.D
Acq: 21 Oct 2022 22:31



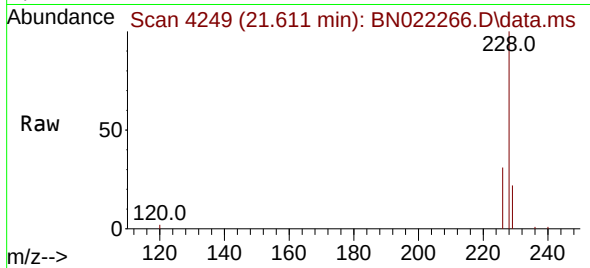
Tgt Ion:228 Resp: 20666
Ion Ratio Lower Upper
228 100
229 20.8 15.7 23.5
226 30.5 21.5 32.3





#22
Chrysene
Concen: 0.662 ng/ul
RT: 21.611 min Scan# 4249
Delta R.T. -0.009 min
Lab File: BN022266.D
Acq: 21 Oct 2022 22:31

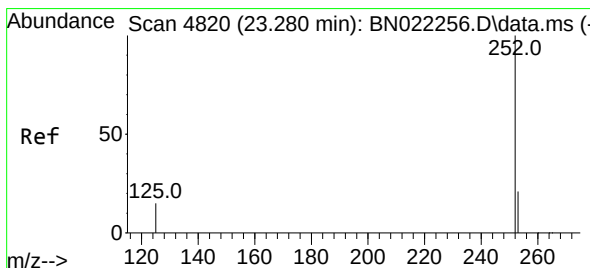
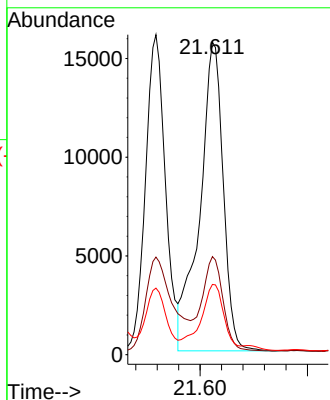
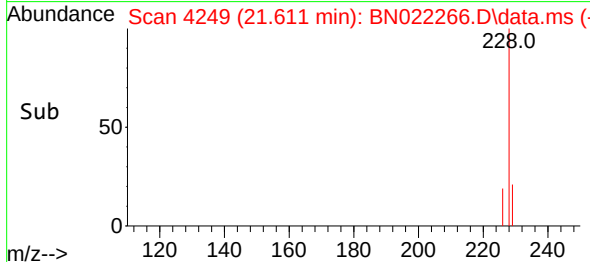
Instrument :
BNA_N
ClientSampleId :
C0BN5



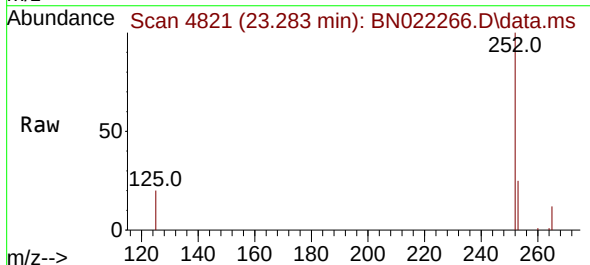
Tgt Ion:228 Resp: 2376
Ion Ratio Lower Upper
228 100
226 31.4 23.9 35.9
229 22.5 15.9 23.9

Manual Integrations
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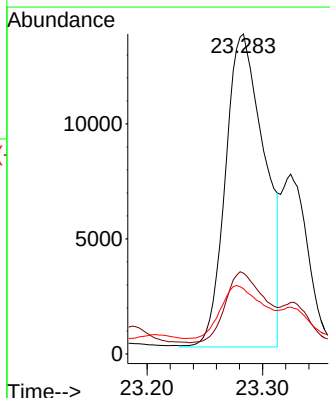
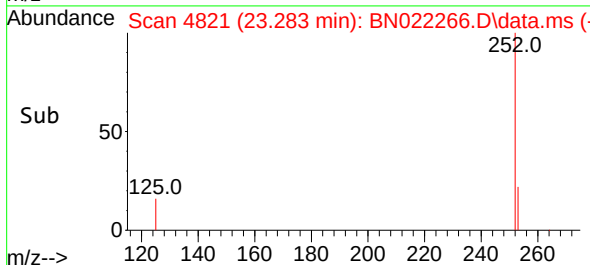
Reviewed By :Jagrut Upadhyay 10/24/2022
Supervised By :mohammad ahmed 10/24/2022

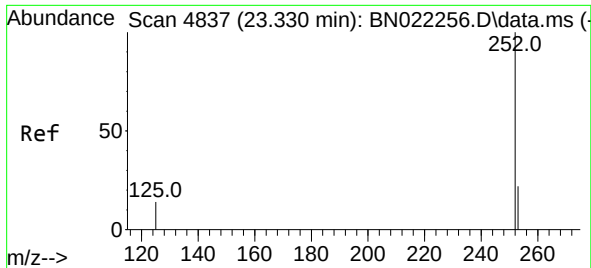


#24
Benzo(b)fluoranthene
Concen: 0.749 ng/ul m
RT: 23.283 min Scan# 4821
Delta R.T. -0.006 min
Lab File: BN022266.D
Acq: 21 Oct 2022 22:31



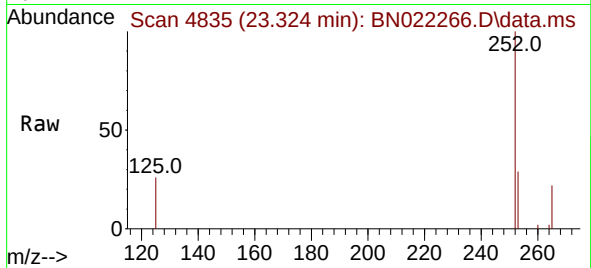
Tgt Ion:252 Resp: 31950
Ion Ratio Lower Upper
252 100
253 25.3 0.0 49.0
125 20.4 0.0 35.2





#25
Benzo(k)fluoranthene
Concen: 0.261 ng/ul m
RT: 23.324 min Scan# 4837
Delta R.T. -0.015 min
Lab File: BN022266.D
Acq: 21 Oct 2022 22:31

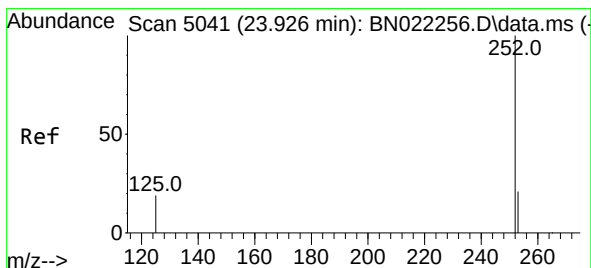
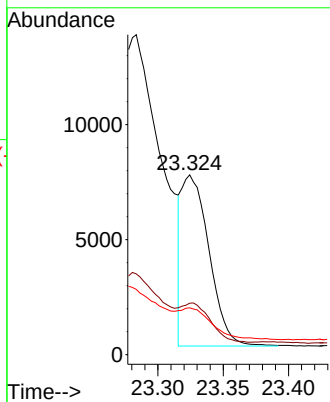
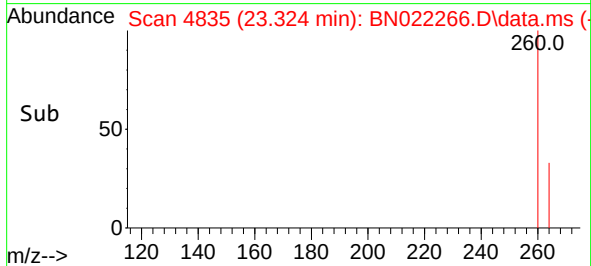
Instrument :
BNA_N
ClientSampleId :
C0BN5



Tgt Ion:252 Resp: 1084
Ion Ratio Lower Upper
252 100
253 28.7 19.7 29.5
125 26.1 14.0 21.0

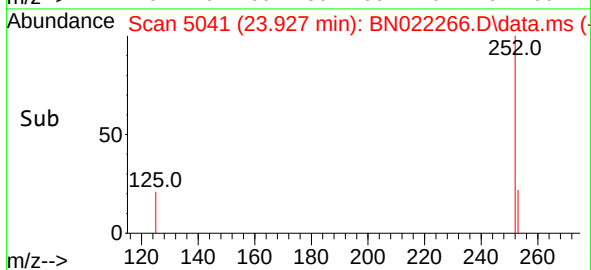
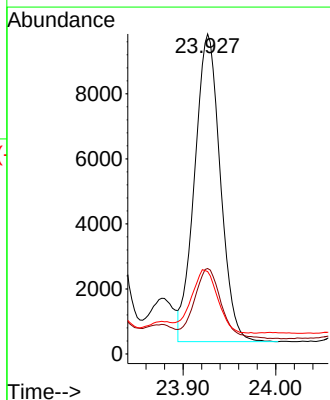
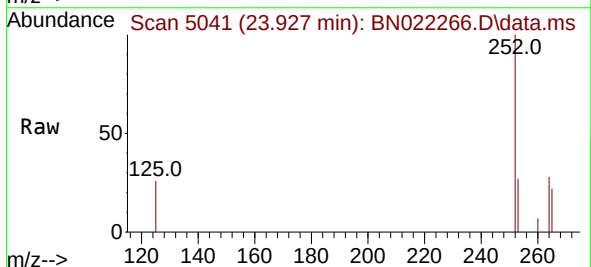
Manual Integrations
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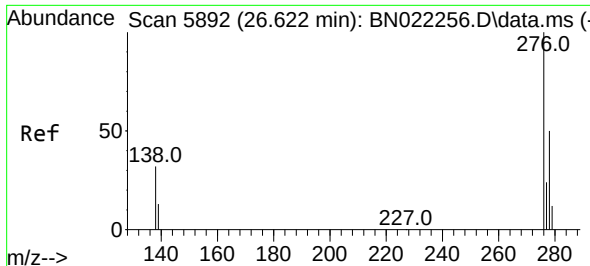
Reviewed By :Jagrut Upadhyay 10/24/2022
Supervised By :mohammad ahmed 10/24/2022



#26
Benzo(a)pyrene
Concen: 0.535 ng/ul
RT: 23.927 min Scan# 5041
Delta R.T. -0.009 min
Lab File: BN022266.D
Acq: 21 Oct 2022 22:31

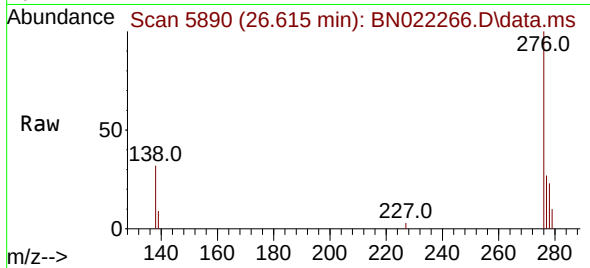
Tgt Ion:252 Resp: 18209
Ion Ratio Lower Upper
252 100
253 26.7 21.0 31.6
125 25.7 17.9 26.9





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.367 ng/ul
RT: 26.615 min Scan# 5890
Delta R.T. -0.020 min
Lab File: BN022266.D
Acq: 21 Oct 2022 22:31

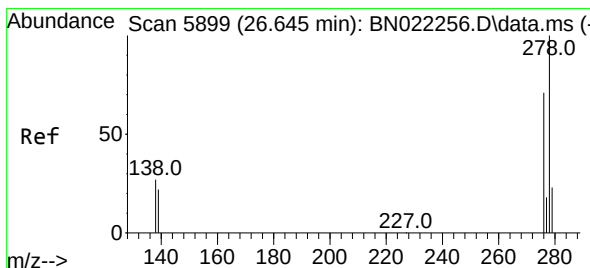
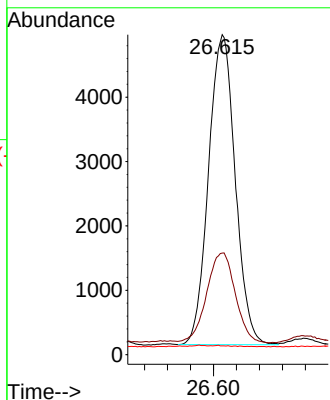
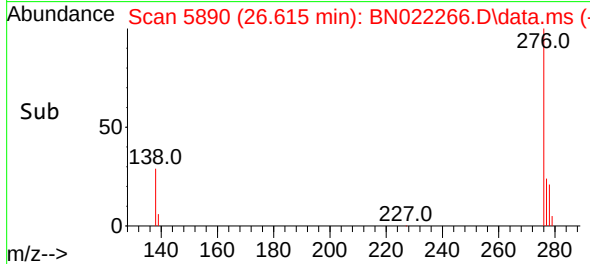
Instrument :
BNA_N
ClientSampleId :
C0BN5



Tgt Ion: 276 Resp: 1550
Ion Ratio Lower Upper
276 100
138 31.1 27.7 41.5
227 0.1 0.2 0.2

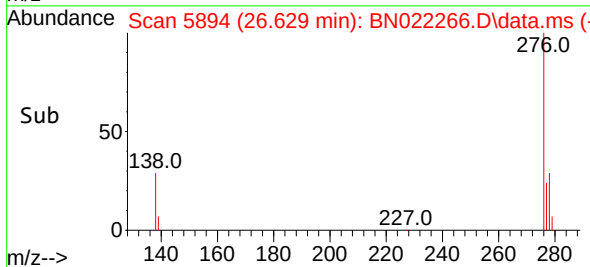
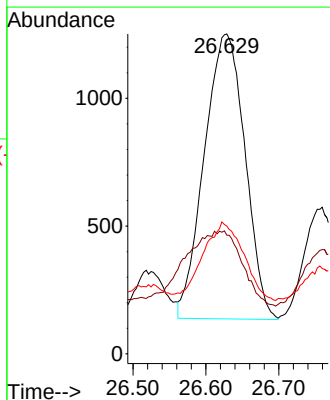
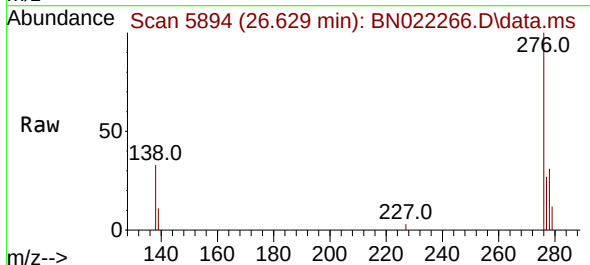
Manual Integrations
APPROVED

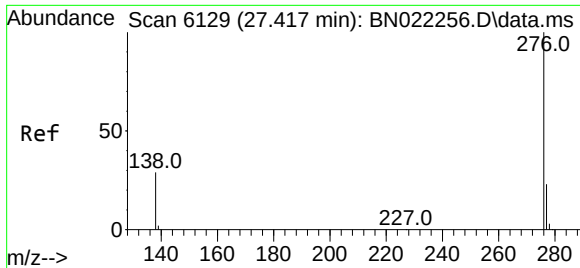
Reviewed By :Jagrut Upadhyay 10/24/2022
Supervised By :mohammad ahmed 10/24/2022



#28
Dibenzo(a,h)anthracene
Concen: 0.128 ng/ul
RT: 26.629 min Scan# 5894
Delta R.T. -0.027 min
Lab File: BN022266.D
Acq: 21 Oct 2022 22:31

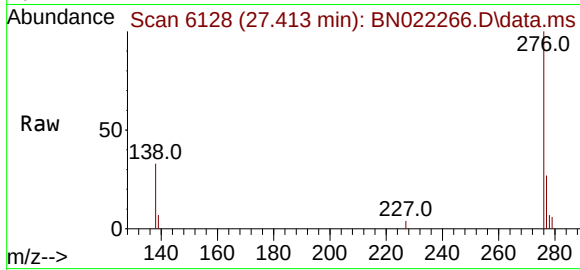
Tgt Ion: 278 Resp: 4332
Ion Ratio Lower Upper
278 100
139 37.1 19.6 29.4#
279 39.9 20.6 30.8#





#29
 Benzo(g,h,i)perylene
 Concen: 0.325 ng/ul
 RT: 27.413 min Scan# 6128
 Delta R.T. -0.017 min
 Lab File: BN022266.D
 Acq: 21 Oct 2022 22:31

Instrument :
 BNA_N
 ClientSampleId :
 C0BN5



Tgt Ion: 276 Resp: 1119

Ion	Ratio	Lower	Upper
276	100		
138	33.4	25.2	37.8
277	26.7	19.9	29.9

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 10/24/2022
 Supervised By :mohammad ahmed 10/24/2022

