

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122222\
 Data File : BN023337.D
 Acq On : 22 Dec 2022 13:46
 Operator : CG/JU
 Sample : N6003-20
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DBXU9

Manual Integrations
 APPROVED

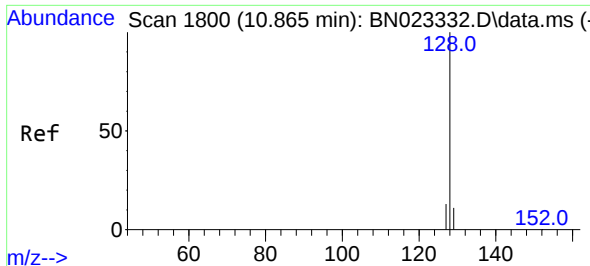
Reviewed By :Jagrut Upadhyay 12/23/2022
 Supervised By :mohammad ahmed 12/23/2022

Quant Time: Dec 22 23:53:18 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN122122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 22 02:28:40 2022
 Response via : Initial Calibration

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

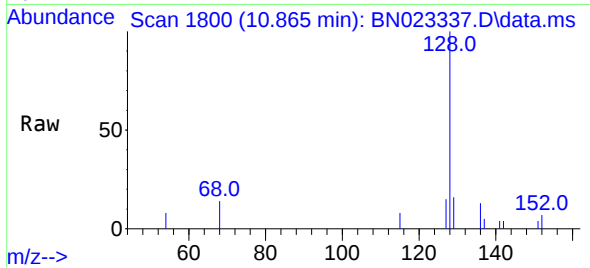
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.998	152	7004	0.400	ng/ul	0.00
4) Naphthalene-d8	10.815	136	23244	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.646	164	14467	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.391	188	34149	0.400	ng/ul	0.00
17) Chrysene-d12	21.582	240	26809	0.400	ng/ul	# 0.00
23) Perylene-d12	24.031	264	23264	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.344	96	45543	5.985	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.399	152	14048	0.391	ng/ul	0.00
18) Fluoranthene-d10	19.421	212	36883	0.380	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.865	128	3150	0.046	ng/ul#	92
7) 2-Methylnaphthalene	12.476	142	1531	0.035	ng/ul	96
8) 1-Methylnaphthalene	12.690	142	1195	0.027	ng/ul	97
10) Acenaphthylene	14.368	152	1680	0.026	ng/ul#	77
11) Acenaphthene	14.706	153	1712	0.032	ng/ul	95
14) Pentachlorophenol	17.041	266	266	0.028	ng/ul	96
15) Phenanthrene	17.433	178	32286	0.290	ng/ul	97
16) Anthracene	17.526	178	4637	0.050	ng/ul#	82
19) Fluoranthene	19.449	202	93331	0.718	ng/ul#	63
20) Pyrene	19.816	202	71160m	0.543	ng/ul	
21) Benzo(a)anthracene	21.561	228	45653	0.437	ng/ul	97
22) Chrysene	21.617	228	53839	0.507	ng/ul#	96
24) Benzo(b)fluoranthene	23.280	252	80968m	0.673	ng/ul	
25) Benzo(k)fluoranthene	23.324	252	27365m	0.242	ng/ul	
26) Benzo(a)pyrene	23.920	252	46751	0.491	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	26.581	276	36267	0.326	ng/ul#	87
28) Dibenzo(a,h)anthracene	26.595	278	9064	0.105	ng/ul#	66
29) Benzo(g,h,i)perylene	27.376	276	31813	0.351	ng/ul#	93

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



#5
Naphthalene
Concen: 0.046 ng/ul
RT: 10.865 min Scan# 1800
Delta R.T. 0.000 min
Lab File: BN023337.D
Acq: 22 Dec 2022 13:46

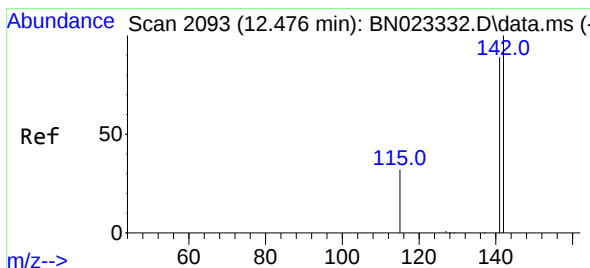
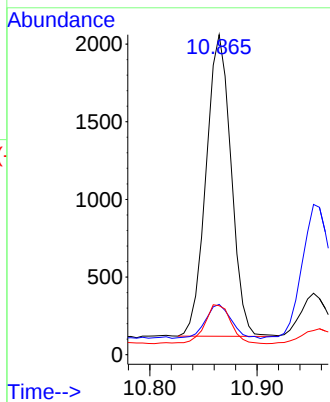
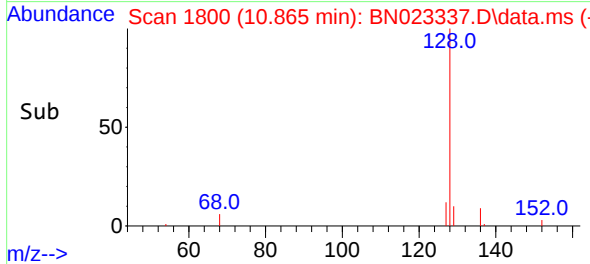
Instrument :
BNA_N
ClientSampleId :
DBXU9



Tgt Ion:128 Resp: 3150
Ion Ratio Lower Upper
128 100
129 15.7 9.0 13.4
127 15.3 10.7 16.1

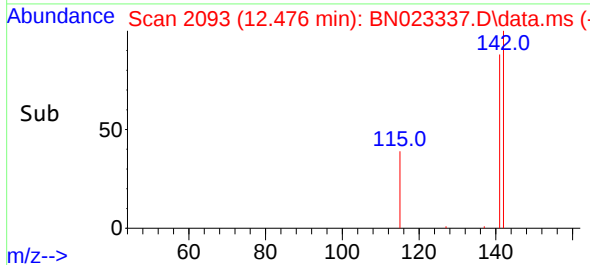
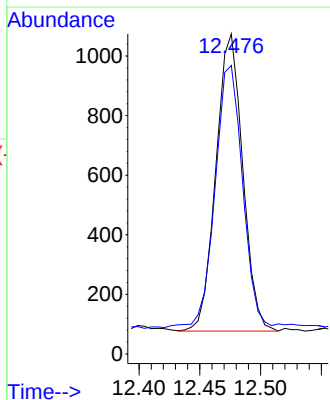
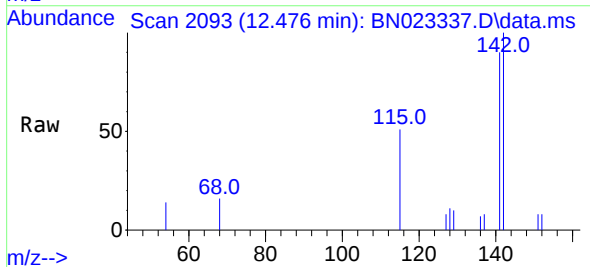
Manual Integrations
APPROVED

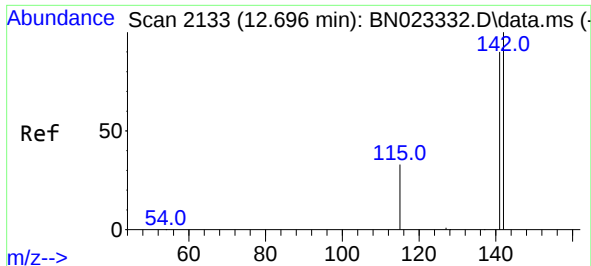
Reviewed By :Jagrut Upadhyay 12/23/2022
Supervised By :mohammad ahmed 12/23/2022



#7
2-Methylnaphthalene
Concen: 0.035 ng/ul
RT: 12.476 min Scan# 2093
Delta R.T. 0.000 min
Lab File: BN023337.D
Acq: 22 Dec 2022 13:46

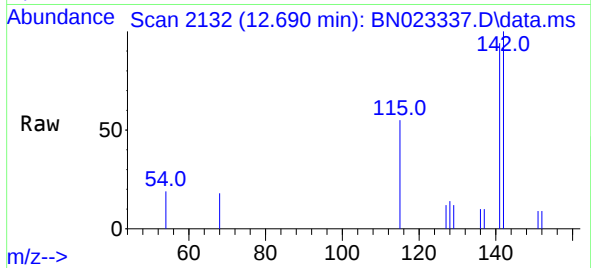
Tgt Ion:142 Resp: 1531
Ion Ratio Lower Upper
142 100
141 93.1 71.4 107.2





#8
1-Methylnaphthalene
Concen: 0.027 ng/ul
RT: 12.690 min Scan# 2133
Delta R.T. -0.005 min
Lab File: BN023337.D
Acq: 22 Dec 2022 13:46

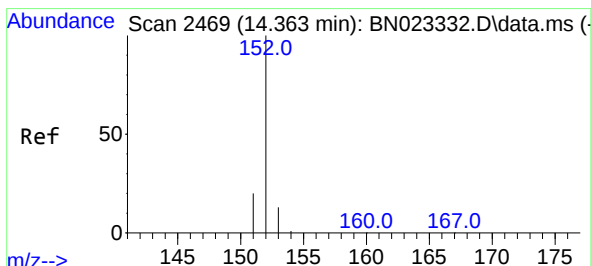
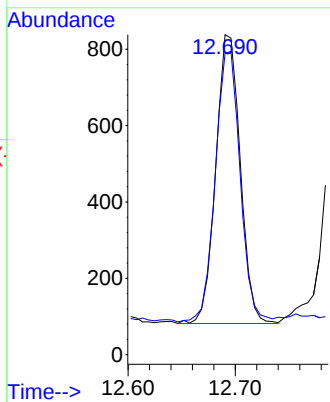
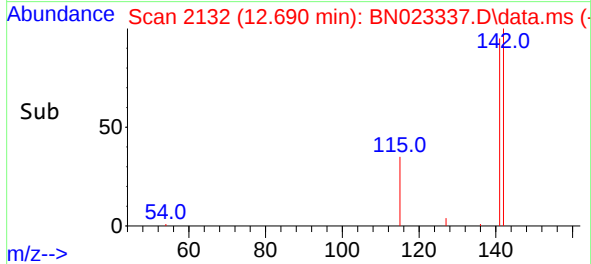
Instrument :
BNA_N
ClientSampleId :
DBXU9



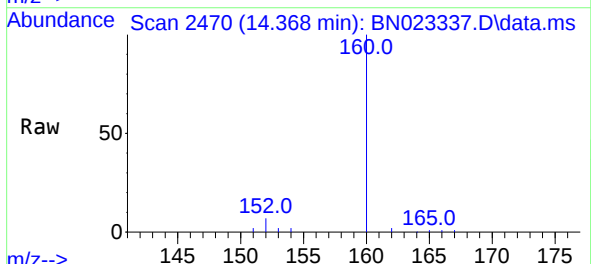
Tgt Ion:142 Resp: 119
Ion Ratio Lower Upper
142 100
141 95.2 74.0 111.0

Manual Integrations
APPROVED

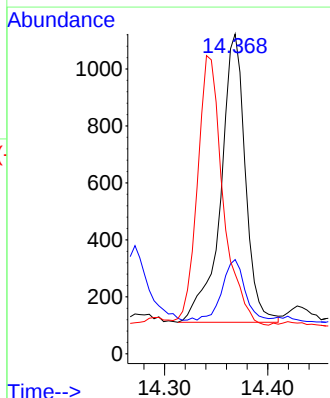
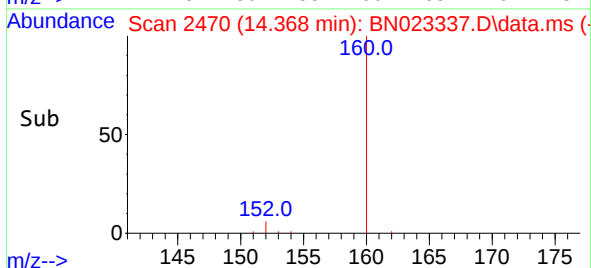
Reviewed By :Jagrut Upadhyay 12/23/2022
Supervised By :mohammad ahmed 12/23/2022

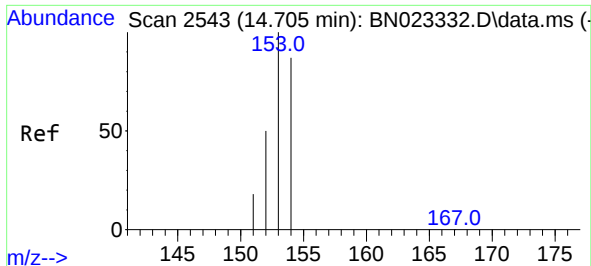


#10
Acenaphthylene
Concen: 0.026 ng/ul
RT: 14.368 min Scan# 2470
Delta R.T. 0.000 min
Lab File: BN023337.D
Acq: 22 Dec 2022 13:46



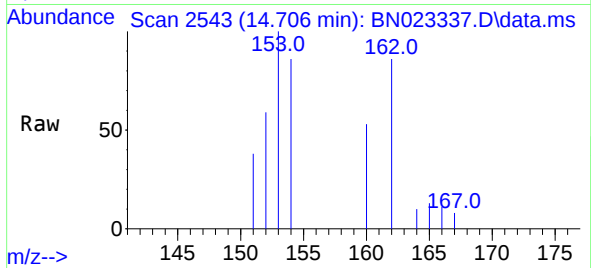
Tgt Ion:152 Resp: 1680
Ion Ratio Lower Upper
152 100
151 29.5 16.1 24.1#
153 24.9 10.9 16.3#





#11
Acenaphthene
Concen: 0.032 ng/ul
RT: 14.706 min Scan# 2543
Delta R.T. 0.000 min
Lab File: BN023337.D
Acq: 22 Dec 2022 13:46

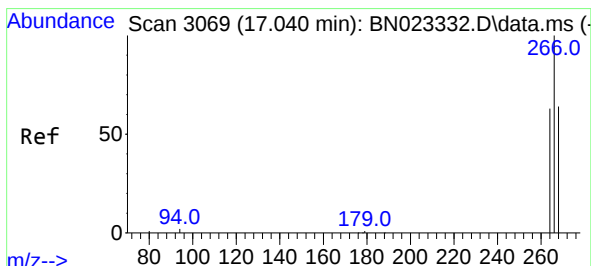
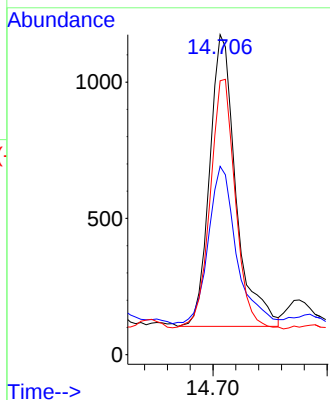
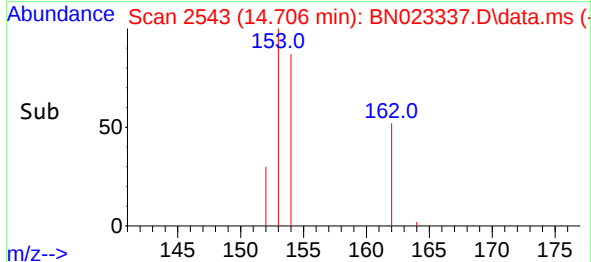
Instrument :
BNA_N
ClientSampleId :
DBXU9



Tgt Ion:153 Resp: 171.0
Ion Ratio Lower Upper
153 100
152 58.9 41.0 61.4
154 85.6 69.5 104.3

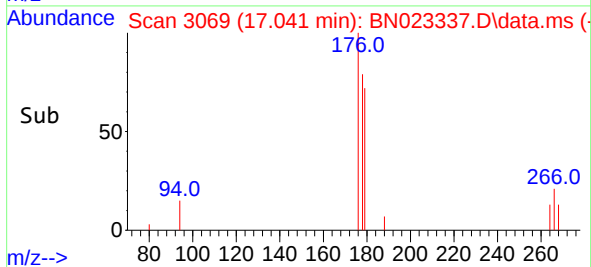
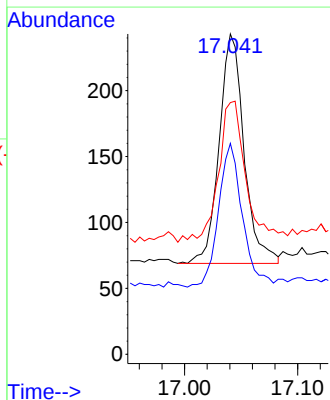
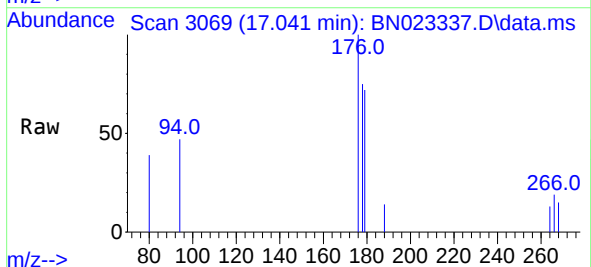
Manual Integrations
APPROVED

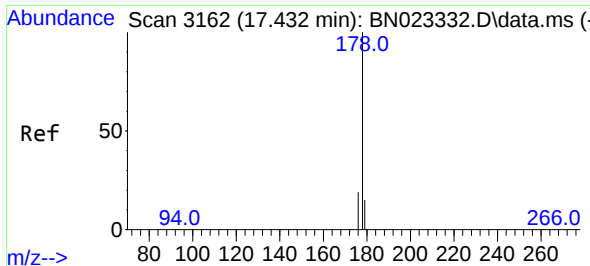
Reviewed By :Jagrut Upadhyay 12/23/2022
Supervised By :mohammad ahmed 12/23/2022



#14
Pentachlorophenol
Concen: 0.028 ng/ul
RT: 17.041 min Scan# 3069
Delta R.T. 0.000 min
Lab File: BN023337.D
Acq: 22 Dec 2022 13:46

Tgt Ion:266 Resp: 266
Ion Ratio Lower Upper
266 100
264 60.2 49.8 74.6
268 68.8 51.4 77.0





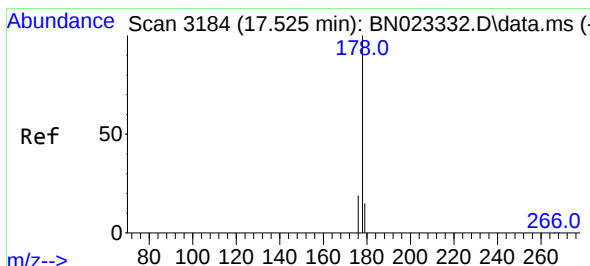
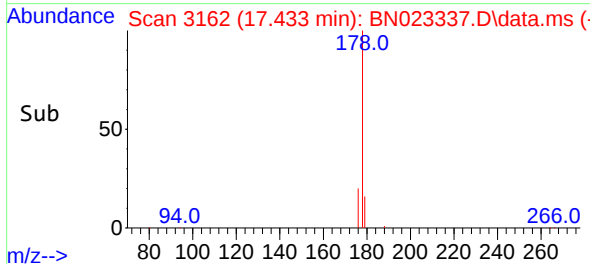
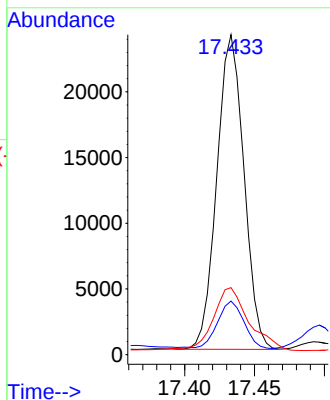
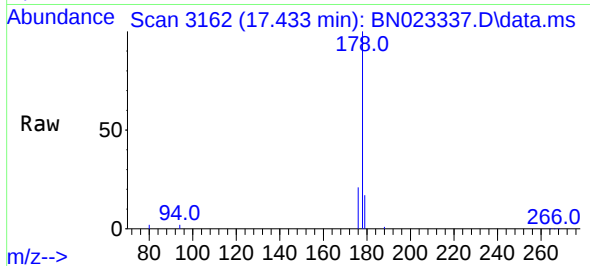
#15
Phenanthrene
Concen: 0.290 ng/u1
RT: 17.433 min Scan# 3162
Delta R.T. 0.000 min
Lab File: BN023337.D
Acq: 22 Dec 2022 13:46

Instrument :
BNA_N
ClientSampleId :
DBXU9

Tgt Ion:178 Resp: 32280
Ion Ratio Lower Upper
178 100
179 16.8 12.5 18.7
176 21.0 15.7 23.5

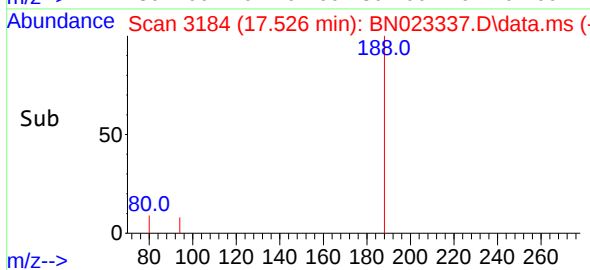
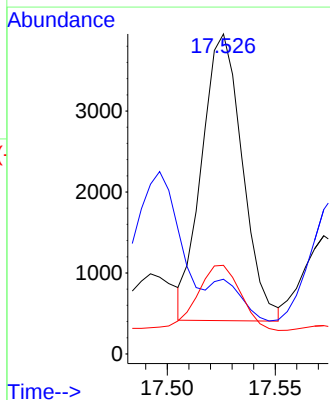
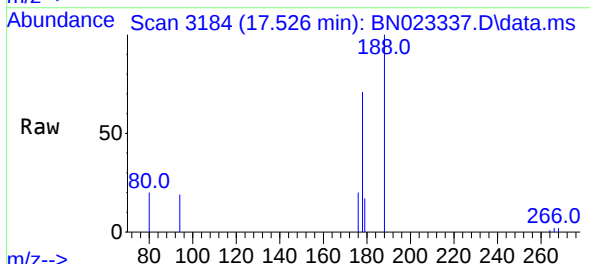
Manual Integrations
APPROVED

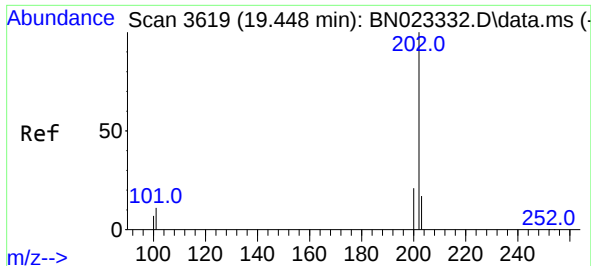
Reviewed By :Jagrut Upadhyay 12/23/2022
Supervised By :mohammad ahmed 12/23/2022



#16
Anthracene
Concen: 0.050 ng/u1
RT: 17.526 min Scan# 3184
Delta R.T. 0.000 min
Lab File: BN023337.D
Acq: 22 Dec 2022 13:46

Tgt Ion:178 Resp: 4637
Ion Ratio Lower Upper
178 100
179 23.3 12.6 18.8#
176 27.7 15.4 23.0#





#19

Fluoranthene

Concen: 0.718 ng/ul

RT: 19.449 min Scan# 3619

Delta R.T. 0.000 min

Lab File: BN023337.D

Acq: 22 Dec 2022 13:46

Instrument :

BNA_N

ClientSampleId :

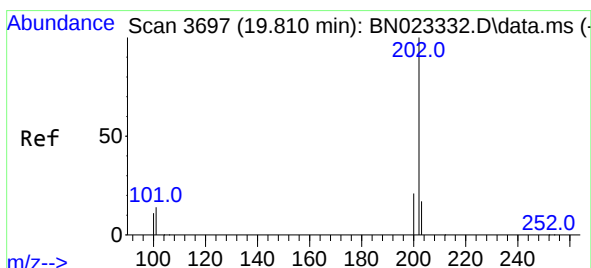
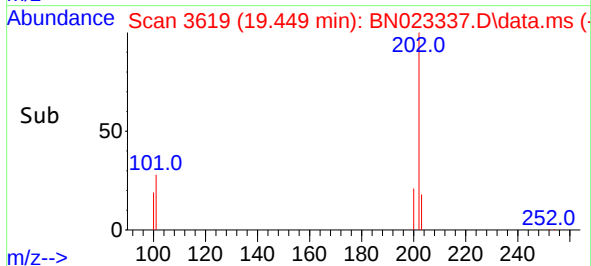
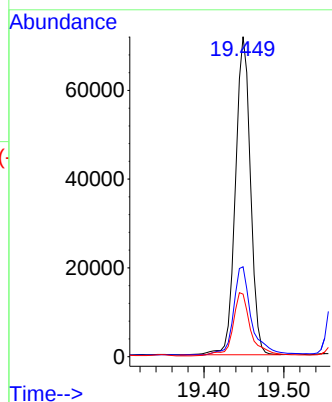
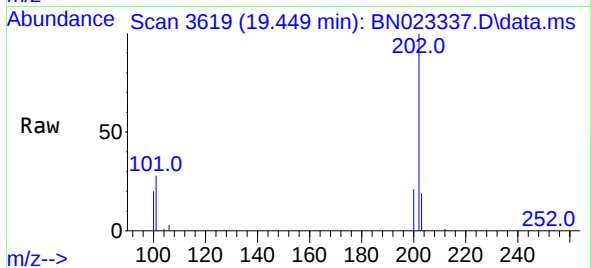
DBXU9

Tgt Ion:	202	Resp:	9333
Ion Ratio	Lower	Upper	
202	100		
101	28.1	9.4	14.2
100	19.5	7.0	10.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/23/2022
Supervised By :mohammad ahmed 12/23/2022



#20

Pyrene

Concen: 0.543 ng/ul m

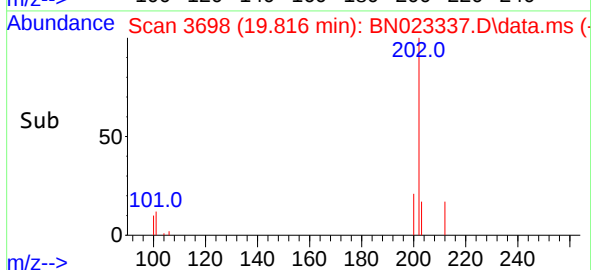
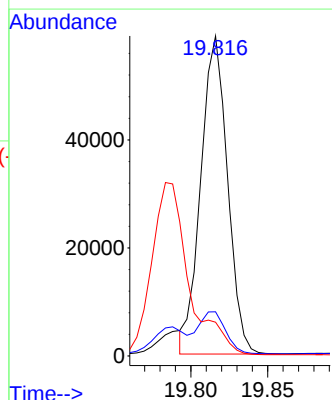
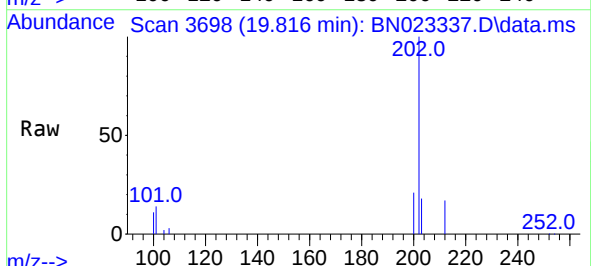
RT: 19.816 min Scan# 3698

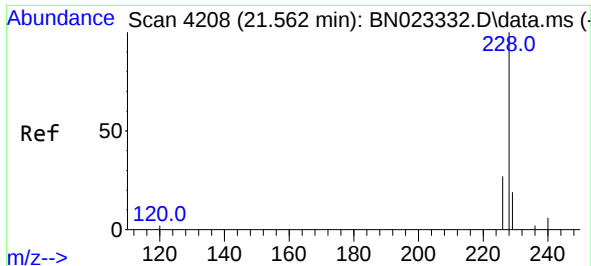
Delta R.T. 0.005 min

Lab File: BN023337.D

Acq: 22 Dec 2022 13:46

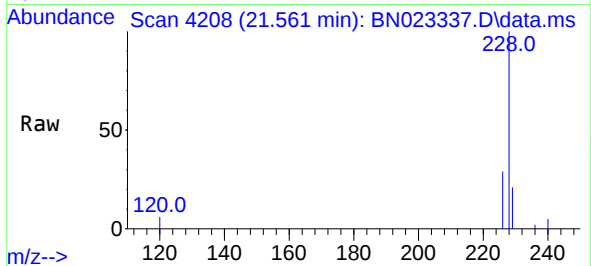
Tgt Ion:	202	Resp:	71160
Ion Ratio	Lower	Upper	
202	100		
101	13.8	11.3	16.9
100	10.5	9.0	13.4





#21
Benzo(a)anthracene
Concen: 0.437 ng/u1
RT: 21.561 min Scan# 4208
Delta R.T. 0.000 min
Lab File: BN023337.D
Acq: 22 Dec 2022 13:46

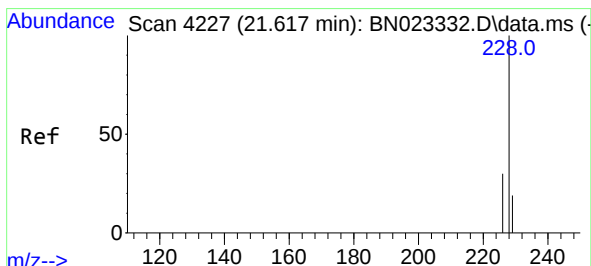
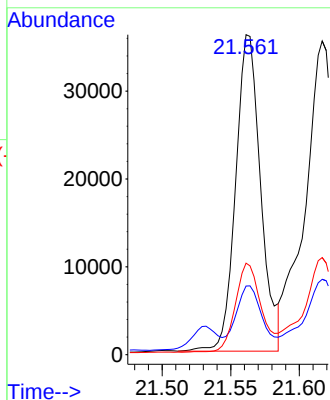
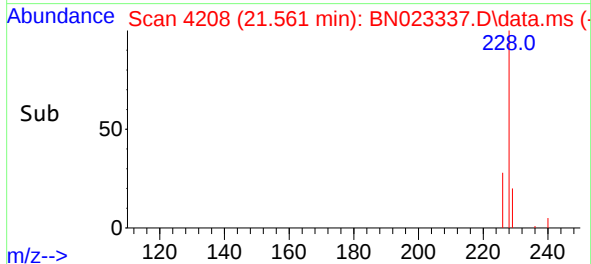
Instrument :
BNA_N
ClientSampleId :
DBXU9



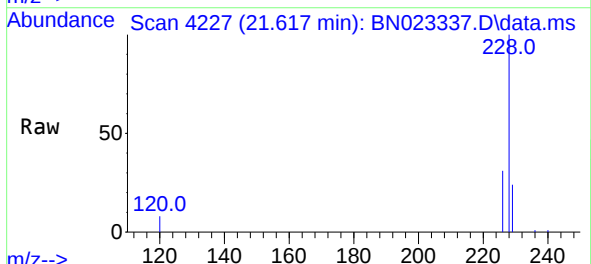
Tgt Ion:228 Resp: 4565
Ion Ratio Lower Upper
228 100
229 21.5 15.6 23.4
226 28.6 22.2 33.2

Manual Integrations
APPROVED

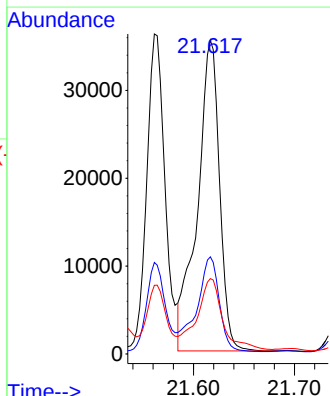
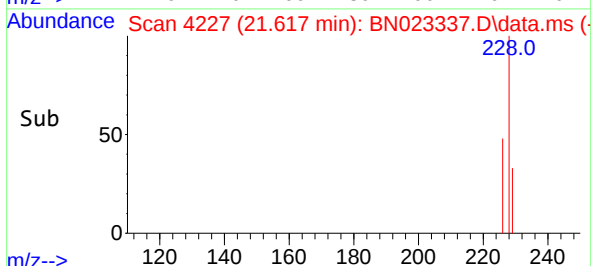
Reviewed By :Jagrut Upadhyay 12/23/2022
Supervised By :mohammad ahmed 12/23/2022

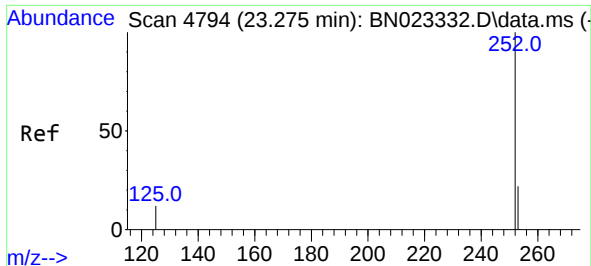


#22
Chrysene
Concen: 0.507 ng/u1
RT: 21.617 min Scan# 4227
Delta R.T. 0.000 min
Lab File: BN023337.D
Acq: 22 Dec 2022 13:46



Tgt Ion:228 Resp: 53839
Ion Ratio Lower Upper
228 100
226 31.0 24.3 36.5
229 24.0 15.8 23.6#





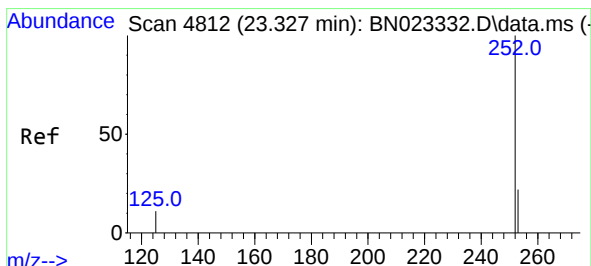
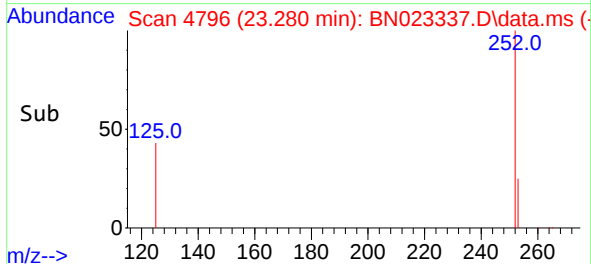
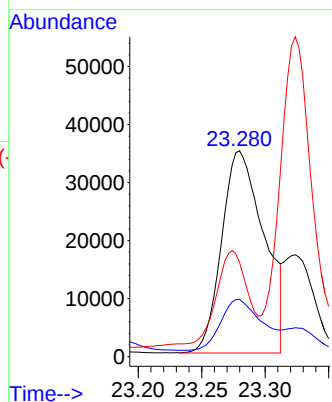
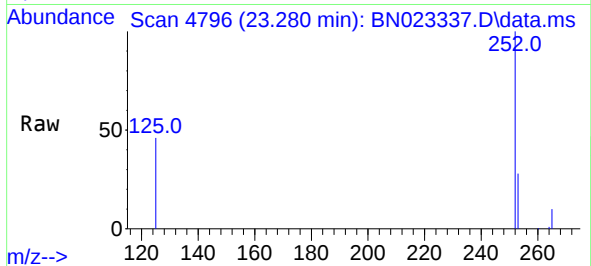
#24
Benzo(b)fluoranthene
Concen: 0.673 ng/ul m
RT: 23.280 min Scan# 4796
Delta R.T. 0.006 min
Lab File: BN023337.D
Acq: 22 Dec 2022 13:46

Instrument :
BNA_N
ClientSampleId :
DBXU9

Tgt Ion:252 Resp: 8096
Ion Ratio Lower Upper
252 100
253 27.9 0.0 49.2
125 45.8 0.0 31.8

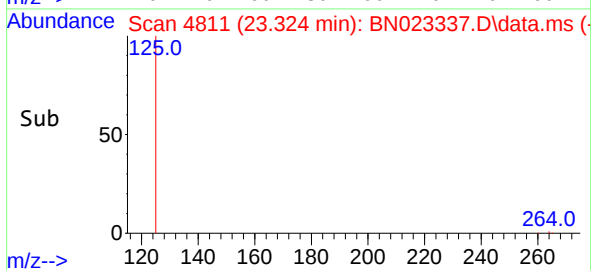
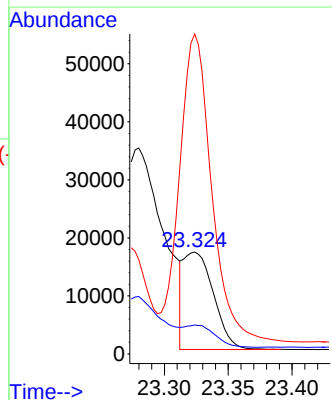
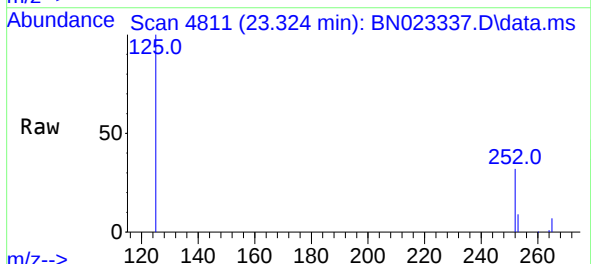
Manual Integrations
APPROVED

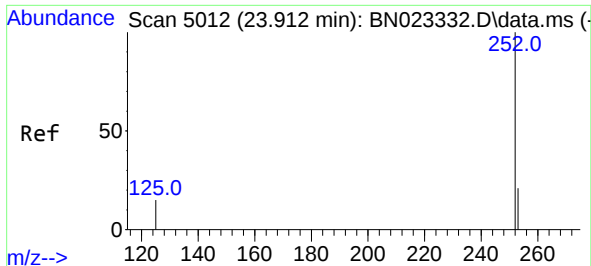
Reviewed By :Jagrut Upadhyay 12/23/2022
Supervised By :mohammad ahmed 12/23/2022



#25
Benzo(k)fluoranthene
Concen: 0.242 ng/ul m
RT: 23.324 min Scan# 4811
Delta R.T. 0.000 min
Lab File: BN023337.D
Acq: 22 Dec 2022 13:46

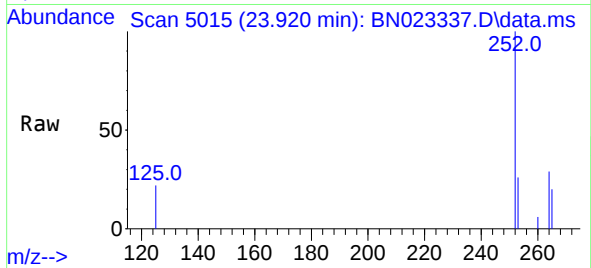
Tgt Ion:252 Resp: 27365
Ion Ratio Lower Upper
252 100
253 28.5 19.8 29.6
125 314.0 12.6 18.8





#26
Benzo(a)pyrene
Concen: 0.491 ng/u1
RT: 23.920 min Scan# 5015
Delta R.T. 0.006 min
Lab File: BN023337.D
Acq: 22 Dec 2022 13:46

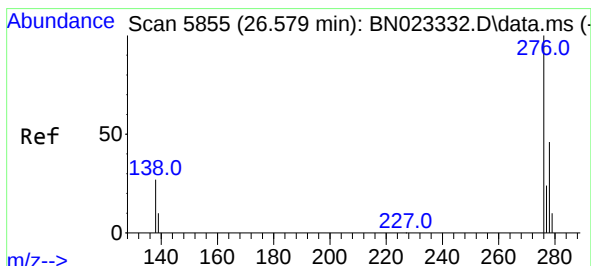
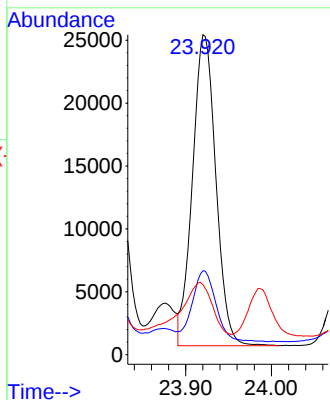
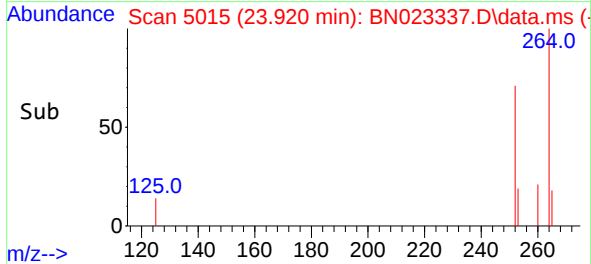
Instrument :
BNA_N
ClientSampleId :
DBXU9



Tgt Ion:252 Resp: 4675
Ion Ratio Lower Upper
252 100
253 26.3 21.4 32.2
125 21.9 16.2 24.4

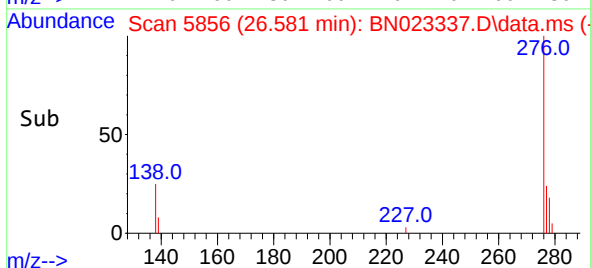
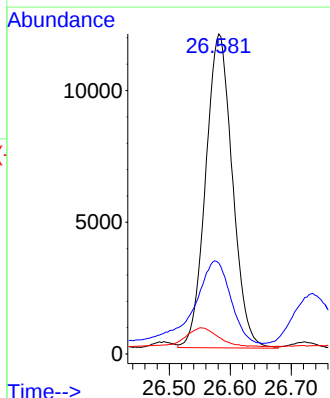
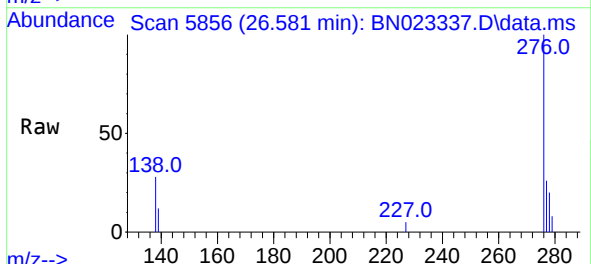
Manual Integrations
APPROVED

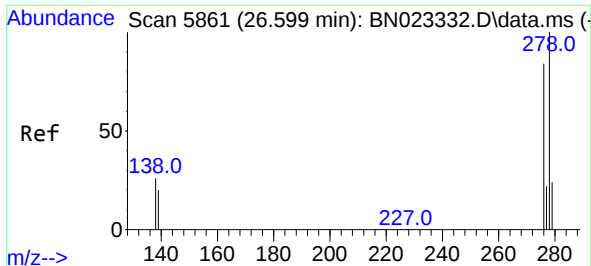
Reviewed By :Jagrut Upadhyay 12/23/2022
Supervised By :mohammad ahmed 12/23/2022



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.326 ng/u1
RT: 26.581 min Scan# 5856
Delta R.T. 0.003 min
Lab File: BN023337.D
Acq: 22 Dec 2022 13:46

Tgt Ion:276 Resp: 36267
Ion Ratio Lower Upper
276 100
138 36.5 23.4 35.2#
227 0.0 0.0 0.0





#28
Dibenzo(a,h)anthracene
Concen: 0.105 ng/ul
RT: 26.595 min Scan# 5861
Delta R.T. -0.007 min
Lab File: BN023337.D
Acq: 22 Dec 2022 13:46

Instrument :

BNA_N

ClientSampleId :

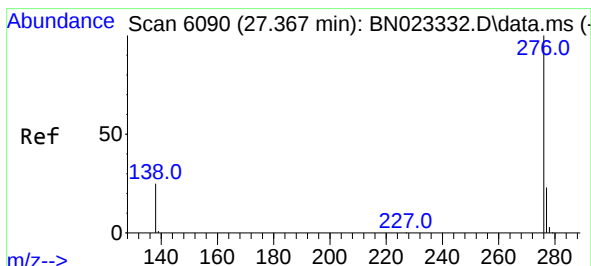
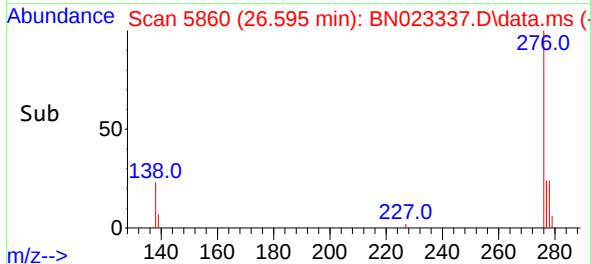
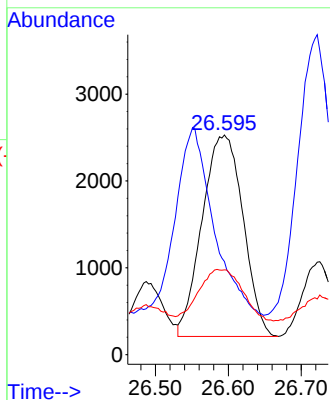
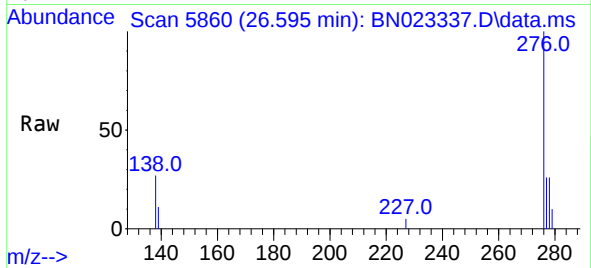
DBXU9

Tgt Ion:278 Resp: 9064
Ion Ratio Lower Upper
278 100
139 42.4 16.6 24.8
279 38.6 21.3 31.9

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/23/2022
Supervised By :mohammad ahmed 12/23/2022



#29
Benzo(g,h,i)perylene
Concen: 0.351 ng/ul
RT: 27.376 min Scan# 6093
Delta R.T. 0.007 min
Lab File: BN023337.D
Acq: 22 Dec 2022 13:46

Tgt Ion:276 Resp: 31813
Ion Ratio Lower Upper
276 100
138 30.8 20.3 30.5
277 25.7 19.7 29.5

