

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072023\
 Data File : BN026637.D
 Acq On : 21 Jul 2023 20:46
 Operator : MA/JU
 Sample : 03536-03MSD
 Misc :
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 YBW57MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/22/2023
 Supervised By :mohammad ahmed 07/22/2023

Quant Time: Jul 22 01:00:09 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN071223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 21 19:02:16 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.827	152	3121	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.630	136	9988	0.400	ng/ul	#-0.01
9) Acenaphthene-d10	14.471	164	5771	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.219	188	12279	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.413	240	9073	0.400	ng/ul	#-0.01
23) Perylene-d12	23.781	264	9112	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.203	96	530	0.129	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.225	152	1577	0.116	ng/ul	-0.02
18) Fluoranthene-d10	19.250	212	3994	0.127	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.237	88	2058	0.529	ng/ul#	1
5) Naphthalene	10.680	128	4768	0.174	ng/ul#	92
7) 2-Methylnaphthalene	12.297	142	2443	0.157	ng/ul	95
8) 1-Methylnaphthalene	12.517	142	2320	0.139	ng/ul	94
10) Acenaphthylene	14.194	152	2997	0.106	ng/ul#	88
11) Acenaphthene	14.536	153	2684	0.125	ng/ul	98
12) Fluorene	15.522	166	2691	0.119	ng/ul#	98
14) Pentachlorophenol	16.881	266	448	0.145	ng/ul	97
15) Phenanthrene	17.261	178	5984	0.153	ng/ul#	93
16) Anthracene	17.358	178	3634	0.107	ng/ul#	90
19) Fluoranthene	19.278	202	8848	0.208	ng/ul#	88
20) Pyrene	19.641	202	10690	0.231	ng/ul#	90
21) Benzo(a)anthracene	21.396	228	5736m	0.172	ng/ul	
22) Chrysene	21.448	228	7453	0.196	ng/ul#	77
24) Benzo(b)fluoranthene	23.062	252	8294	0.234	ng/ul#	18
25) Benzo(k)fluoranthene	23.106	252	4958	0.133	ng/ul#	16
26) Benzo(a)pyrene	23.682	252	4723	0.149	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	26.240	276	6156	0.149	ng/ul#	96
28) Dibenzo(a,h)anthracene	26.247	278	4206	0.132	ng/ul#	30
29) Benzo(g,h,i)perylene	26.998	276	1166	0.032	ng/ul#	1

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

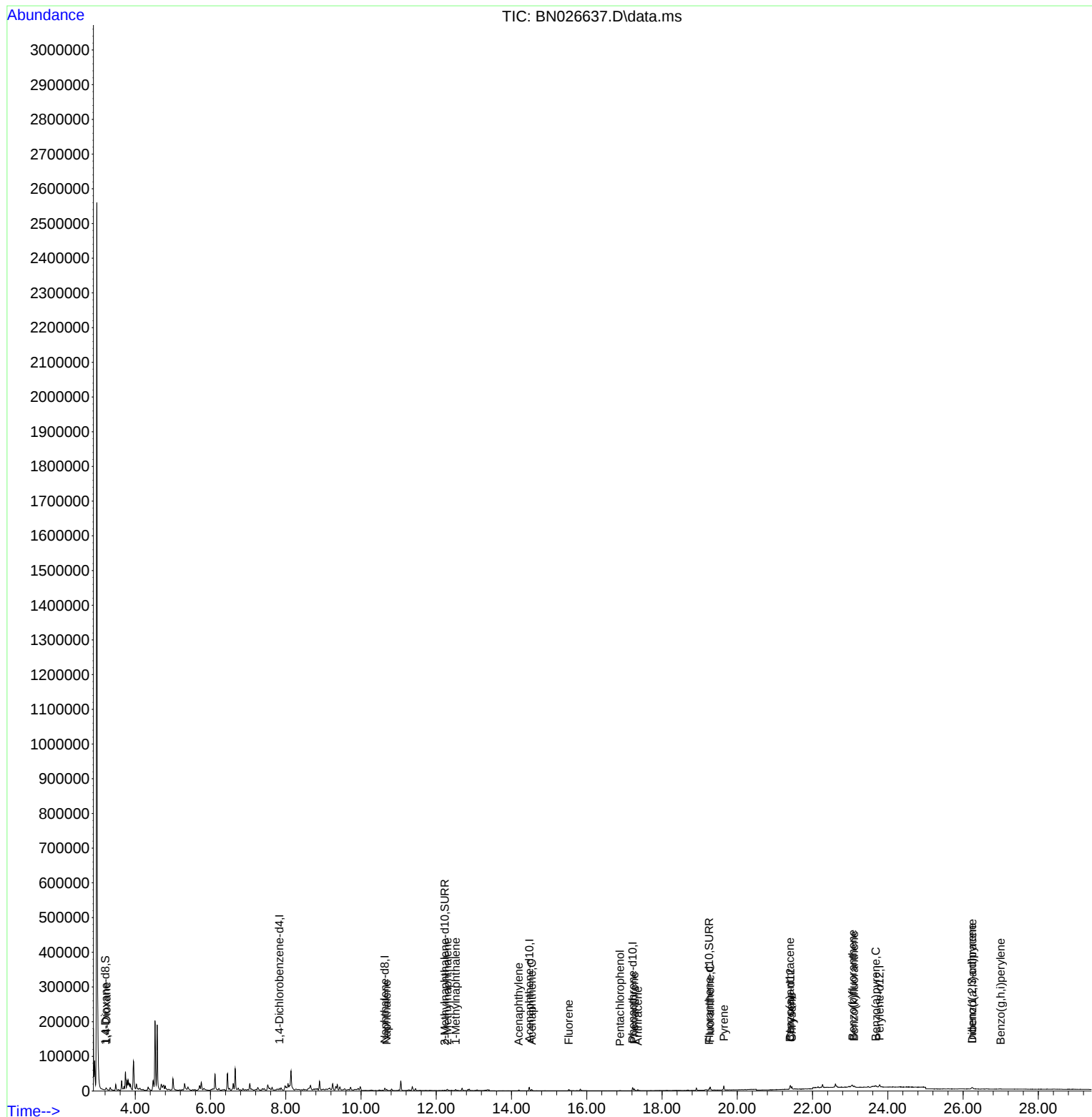
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072023\
Data File : BN026637.D
Acq On : 21 Jul 2023 20:46
Operator : MA/JU
Sample : 03536-03MSD
Misc :
ALS Vial : 49 Sample Multiplier: 1

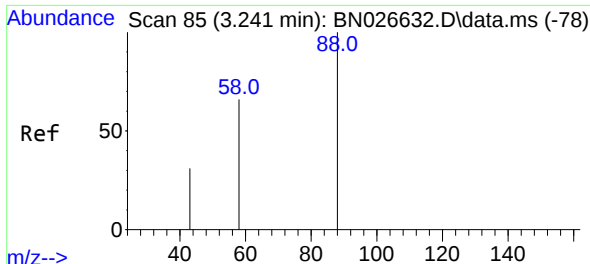
Instrument :
BNA_N
ClientSampleId :
YBW57MSD

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/22/2023
Supervised By :mohammad ahmed 07/22/2023

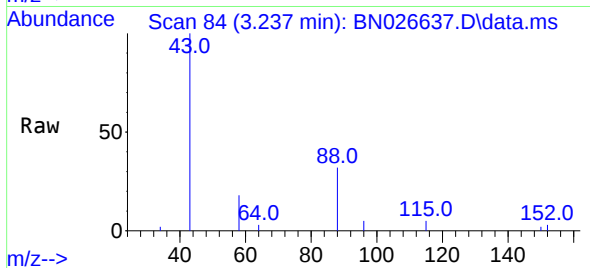
Quant Time: Jul 22 01:00:09 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN071223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 21 19:02:16 2023
Response via : Initial Calibration





#2
1,4-Dioxane
Concen: 0.529 ng/ul
RT: 3.237 min Scan# 84
Delta R.T. -0.004 min
Lab File: BN026637.D
Acq: 21 Jul 2023 20:46

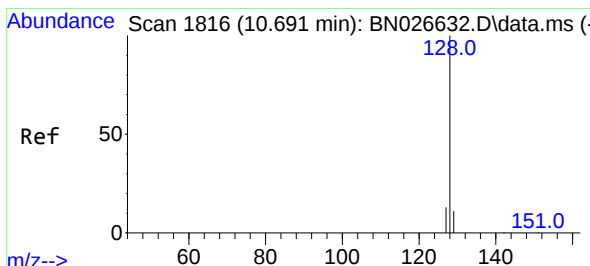
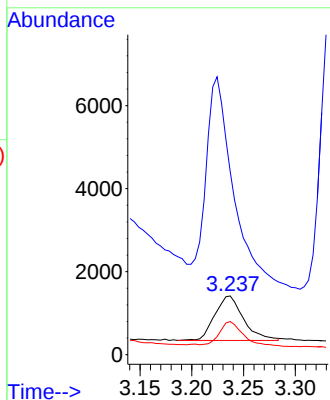
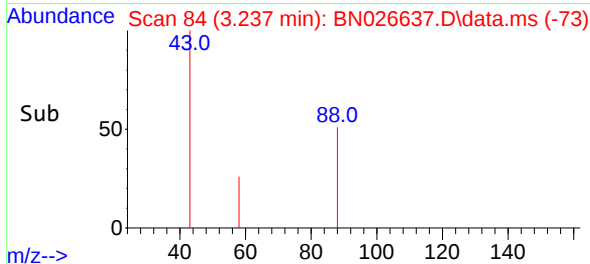
Instrument :
BNA_N
ClientSampleId :
YBW57MSD



Tgt Ion: 88 Resp: 2058
Ion Ratio Lower Upper
88 100
43 312.3 33.0 49.6
58 56.4 41.7 62.5

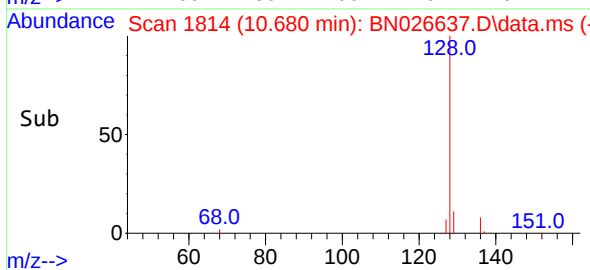
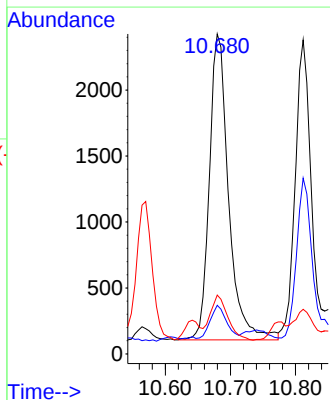
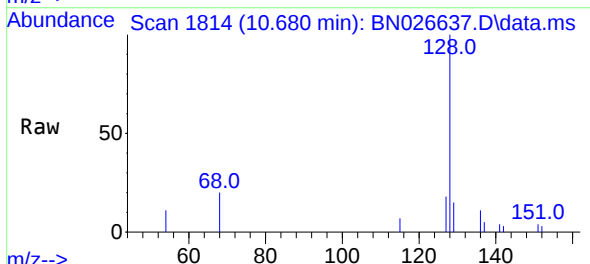
Manual Integrations
APPROVED

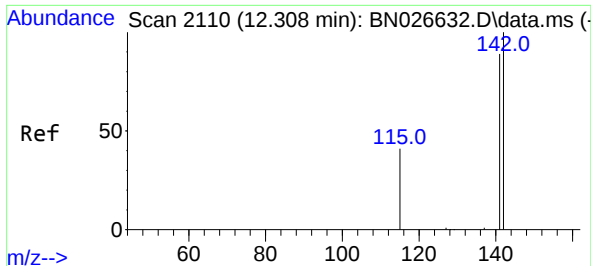
Reviewed By :Yogesh Patel 07/22/2023
Supervised By :mohammad ahmed 07/22/2023



#5
Naphthalene
Concen: 0.174 ng/ul
RT: 10.680 min Scan# 1814
Delta R.T. -0.011 min
Lab File: BN026637.D
Acq: 21 Jul 2023 20:46

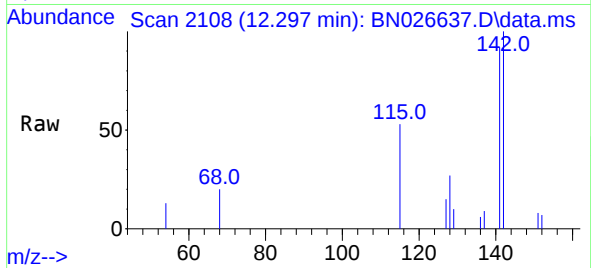
Tgt Ion:128 Resp: 4768
Ion Ratio Lower Upper
128 100
129 15.2 10.2 15.2
127 18.4 11.4 17.0#





#7
2-Methylnaphthalene
Concen: 0.157 ng/ul
RT: 12.297 min Scan# 2110
Delta R.T. -0.017 min
Lab File: BN026637.D
Acq: 21 Jul 2023 20:46

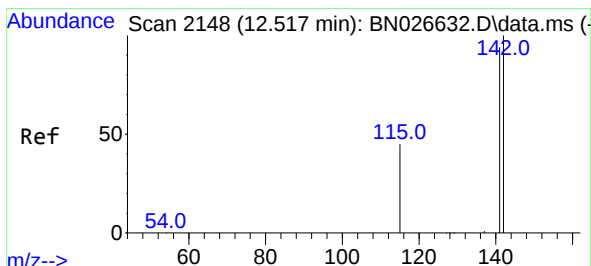
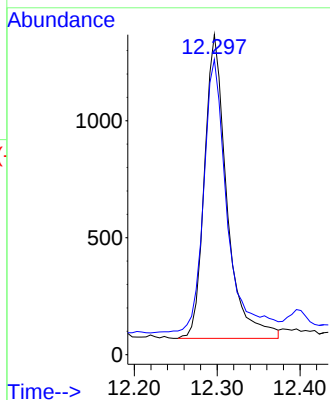
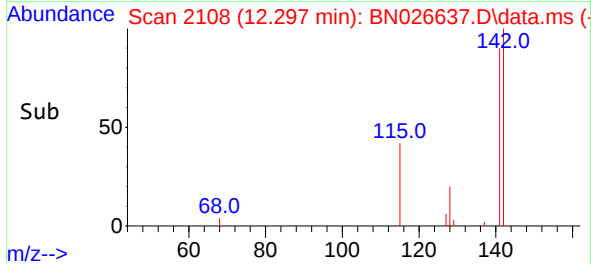
Instrument :
BNA_N
ClientSampleId :
YBW57MSD



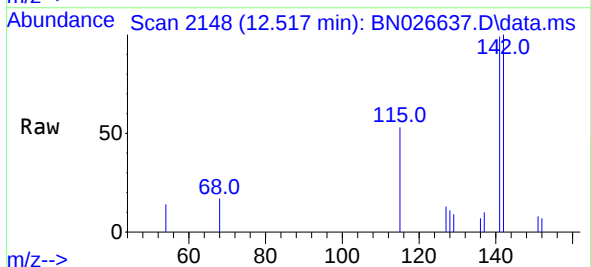
Tgt Ion:142 Resp: 244
Ion Ratio Lower Upper
142 100
141 94.8 72.3 108.5

Manual Integrations
APPROVED

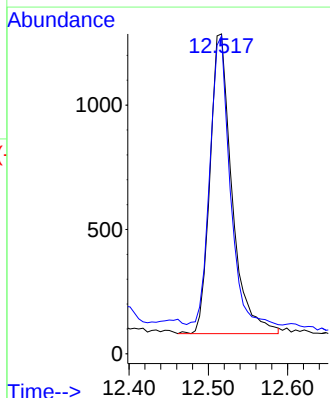
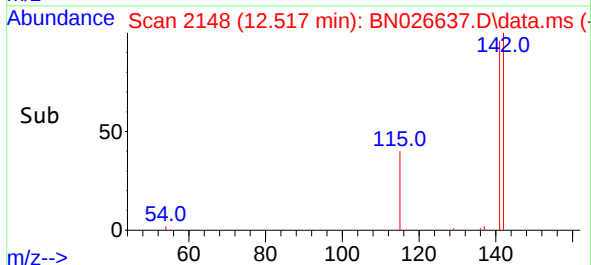
Reviewed By :Yogesh Patel 07/22/2023
Supervised By :mohammad ahmed 07/22/2023

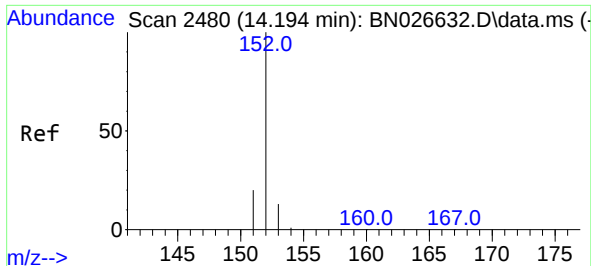


#8
1-Methylnaphthalene
Concen: 0.139 ng/ul
RT: 12.517 min Scan# 2148
Delta R.T. -0.006 min
Lab File: BN026637.D
Acq: 21 Jul 2023 20:46



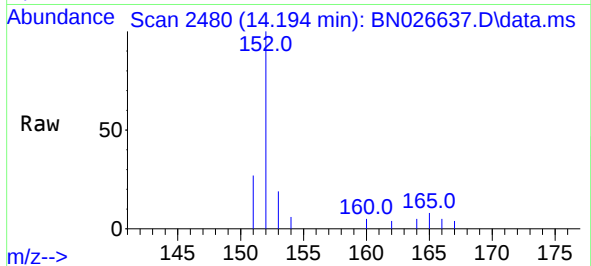
Tgt Ion:142 Resp: 2320
Ion Ratio Lower Upper
142 100
141 87.0 74.5 111.7





#10
Acenaphthylene
Concen: 0.106 ng/ul
RT: 14.194 min Scan# 2480
Delta R.T. -0.005 min
Lab File: BN026637.D
Acq: 21 Jul 2023 20:46

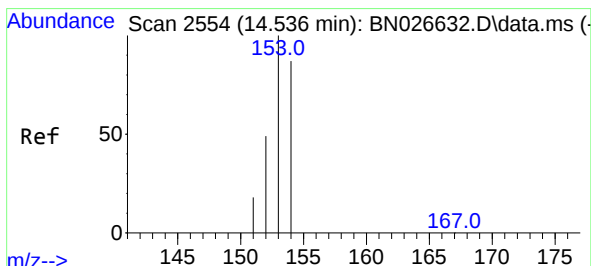
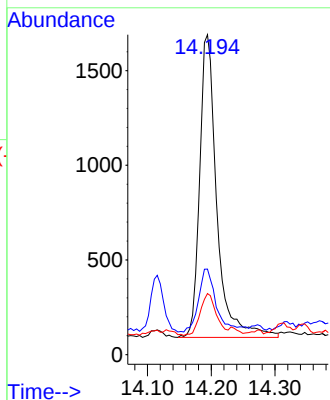
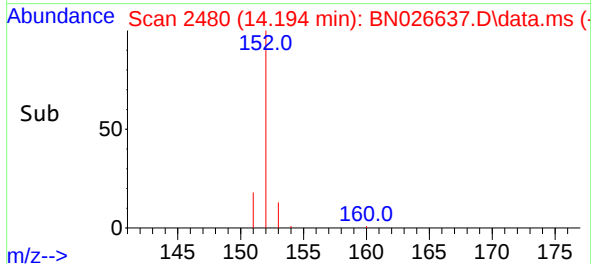
Instrument :
BNA_N
ClientSampleId :
YBW57MSD



Tgt Ion:152 Resp: 2997
Ion Ratio Lower Upper
152 100
151 26.7 17.0 25.6
153 19.1 11.4 17.2

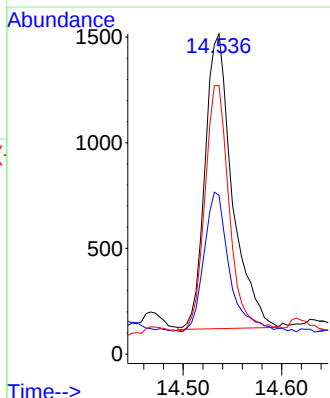
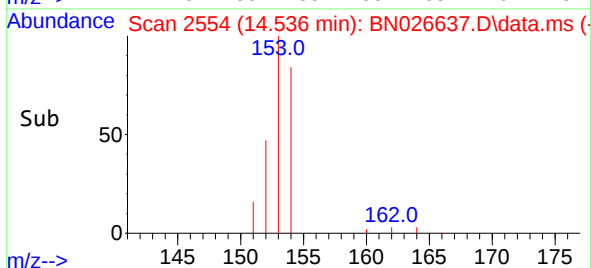
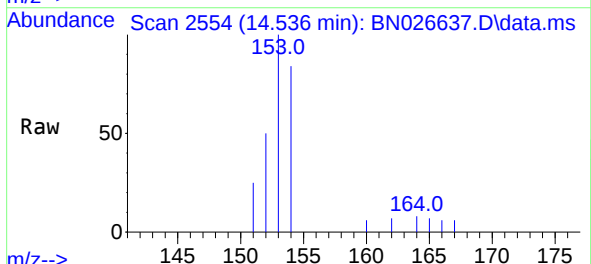
Manual Integrations
APPROVED

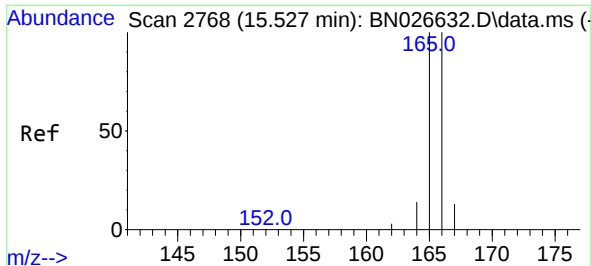
Reviewed By :Yogesh Patel 07/22/2023
Supervised By :mohammad ahmed 07/22/2023



#11
Acenaphthene
Concen: 0.125 ng/ul
RT: 14.536 min Scan# 2554
Delta R.T. -0.000 min
Lab File: BN026637.D
Acq: 21 Jul 2023 20:46

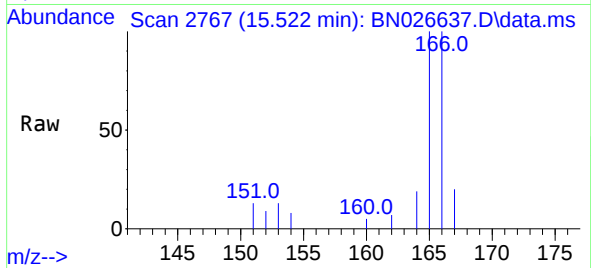
Tgt Ion:153 Resp: 2684
Ion Ratio Lower Upper
153 100
152 49.6 40.2 60.4
154 84.0 69.3 103.9





#12
Fluorene
Concen: 0.119 ng/ul
RT: 15.522 min Scan# 21
Delta R.T. -0.009 min
Lab File: BN026637.D
Acq: 21 Jul 2023 20:46

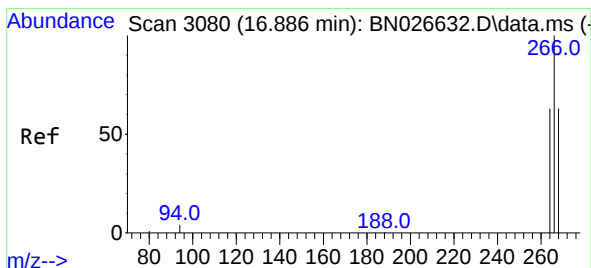
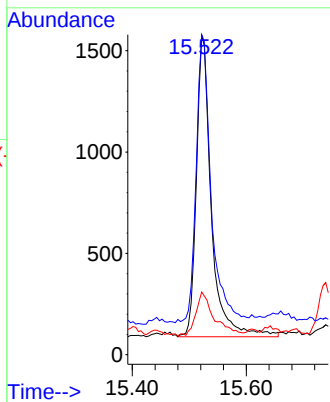
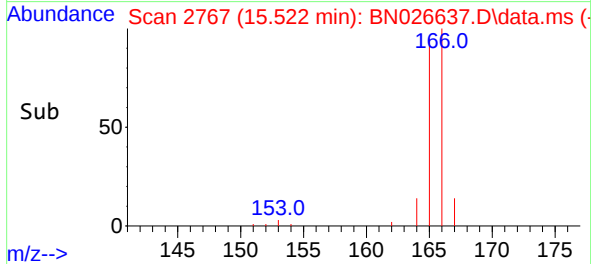
Instrument :
BNA_N
ClientSampleId :
YBW57MSD



Tgt Ion:166 Resp: 269
Ion Ratio Lower Upper
166 100
165 100.4 80.6 120.8
167 19.7 12.0 18.0

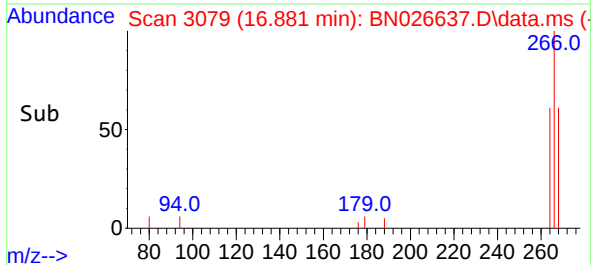
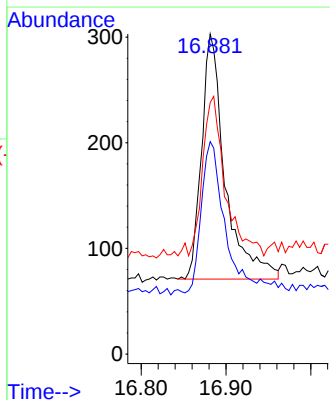
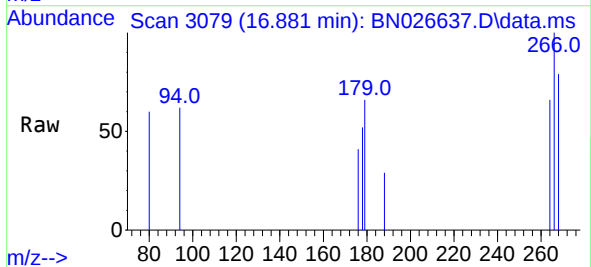
Manual Integrations
APPROVED

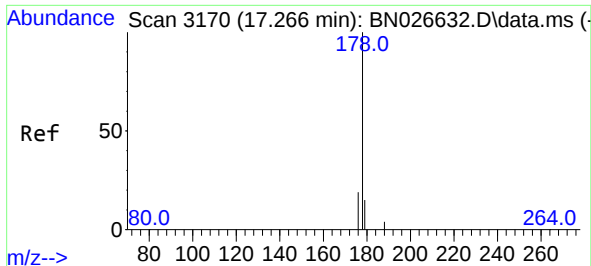
Reviewed By :Yogesh Patel 07/22/2023
Supervised By :mohammad ahmed 07/22/2023



#14
Pentachlorophenol
Concen: 0.145 ng/ul
RT: 16.881 min Scan# 3079
Delta R.T. -0.013 min
Lab File: BN026637.D
Acq: 21 Jul 2023 20:46

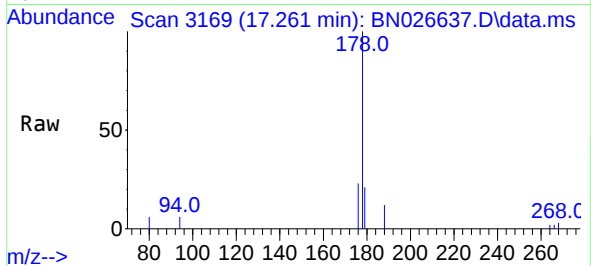
Tgt Ion:266 Resp: 448
Ion Ratio Lower Upper
266 100
264 63.8 52.0 78.0
268 62.9 53.0 79.6





#15
Phenanthrene
Concen: 0.153 ng/u1
RT: 17.261 min Scan# 3170
Delta R.T. -0.004 min
Lab File: BN026637.D
Acq: 21 Jul 2023 20:46

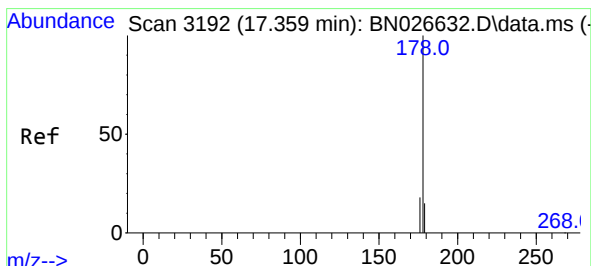
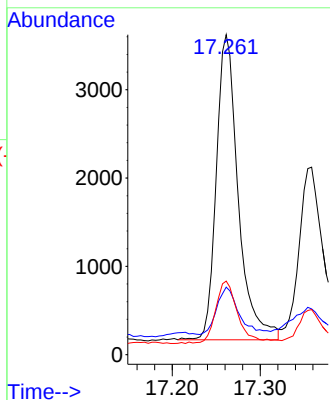
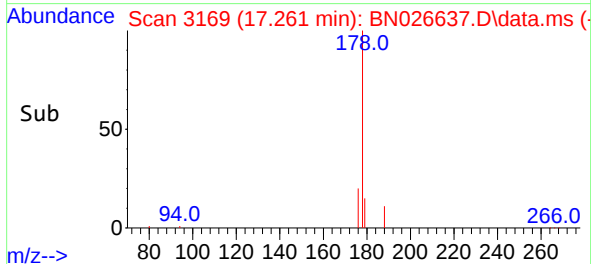
Instrument :
BNA_N
ClientSampleId :
YBW57MSD



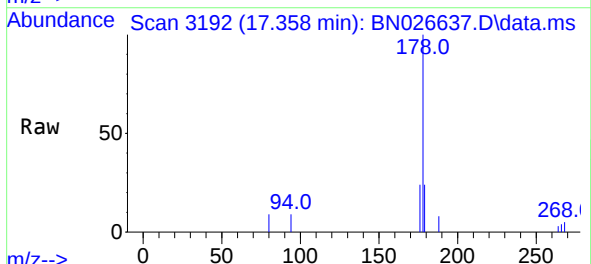
Tgt Ion:178 Resp: 5984
Ion Ratio Lower Upper
178 100
179 21.1 13.7 20.5
176 23.0 16.5 24.7

Manual Integrations
APPROVED

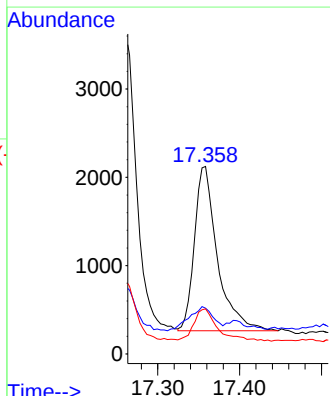
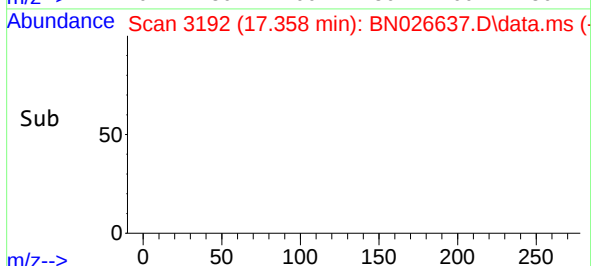
Reviewed By :Yogesh Patel 07/22/2023
Supervised By :mohammad ahmed 07/22/2023

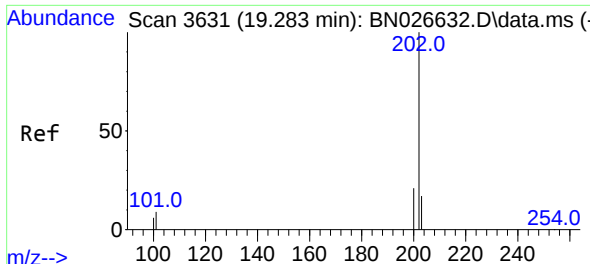


#16
Anthracene
Concen: 0.107 ng/u1
RT: 17.358 min Scan# 3192
Delta R.T. -0.004 min
Lab File: BN026637.D
Acq: 21 Jul 2023 20:46



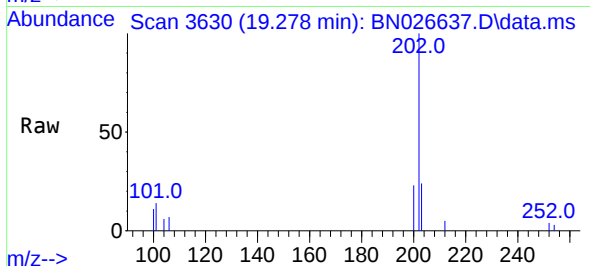
Tgt Ion:178 Resp: 3634
Ion Ratio Lower Upper
178 100
179 24.4 14.8 22.2
176 24.0 16.6 25.0





#19
Fluoranthene
Concen: 0.208 ng/ul
RT: 19.278 min Scan# 3630
Delta R.T. -0.005 min
Lab File: BN026637.D
Acq: 21 Jul 2023 20:46

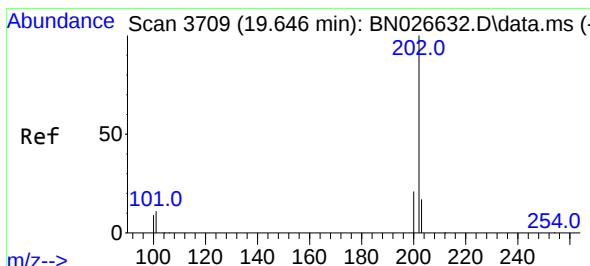
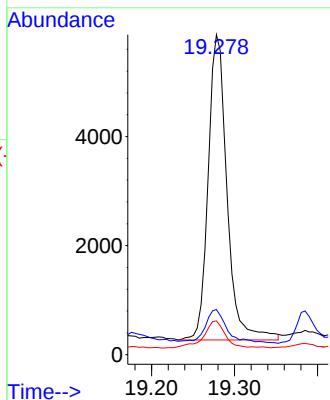
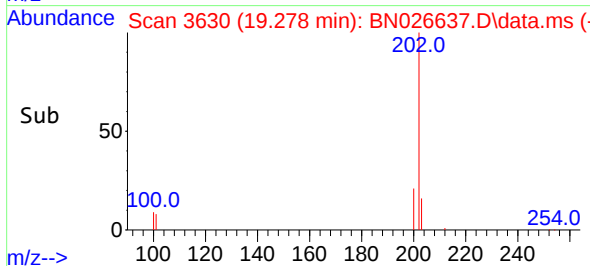
Instrument :
BNA_N
ClientSampleId :
YBW57MSD



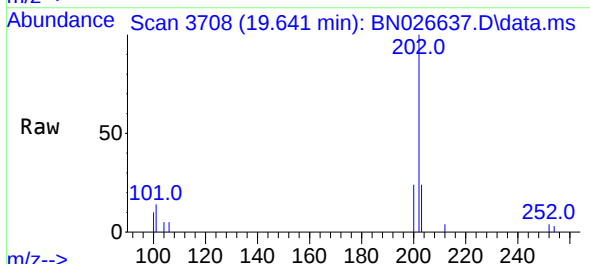
Tgt Ion:202 Resp: 8848
Ion Ratio Lower Upper
202 100
101 14.1 7.0 10.4#
100 10.6 6.0 9.0#

Manual Integrations
APPROVED

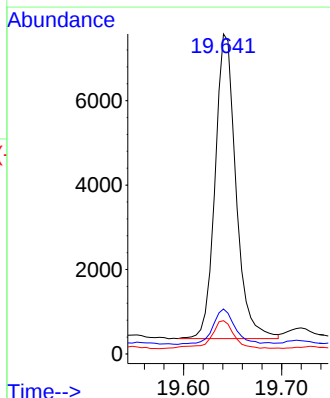
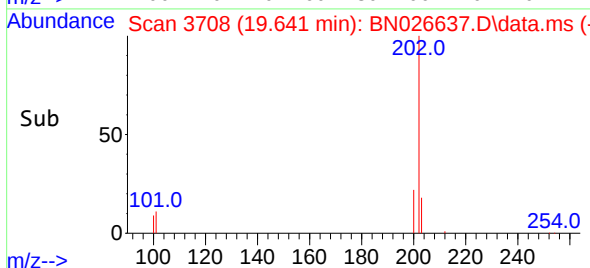
Reviewed By :Yogesh Patel 07/22/2023
Supervised By :mohammad ahmed 07/22/2023

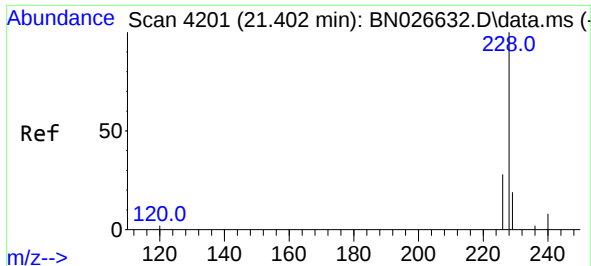


#20
Pyrene
Concen: 0.231 ng/ul
RT: 19.641 min Scan# 3708
Delta R.T. -0.005 min
Lab File: BN026637.D
Acq: 21 Jul 2023 20:46



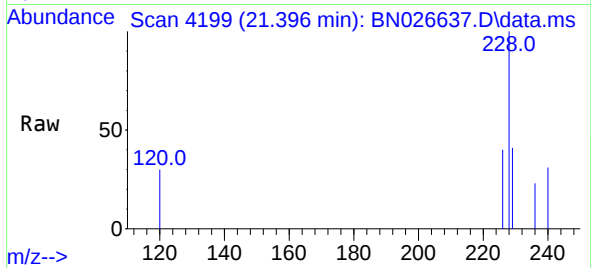
Tgt Ion:202 Resp: 10690
Ion Ratio Lower Upper
202 100
101 14.1 8.0 12.0#
100 10.4 6.2 9.2#





#21
Benzo(a)anthracene
Concen: 0.172 ng/ul m
RT: 21.396 min Scan# 4199
Delta R.T. -0.015 min
Lab File: BN026637.D
Acq: 21 Jul 2023 20:46

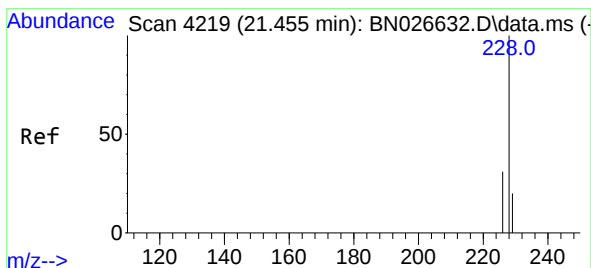
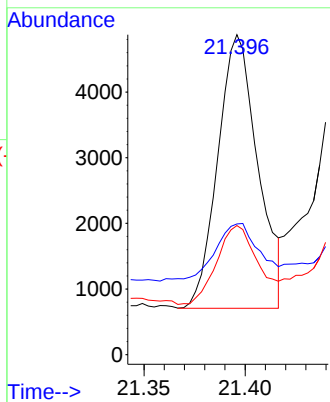
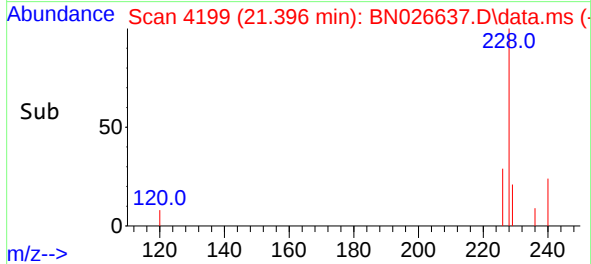
Instrument :
BNA_N
ClientSampleId :
YBW57MSD



Tgt Ion:228 Resp: 5730
Ion Ratio Lower Upper
228 100
229 40.8 16.7 25.1#
226 40.3 23.5 35.3#

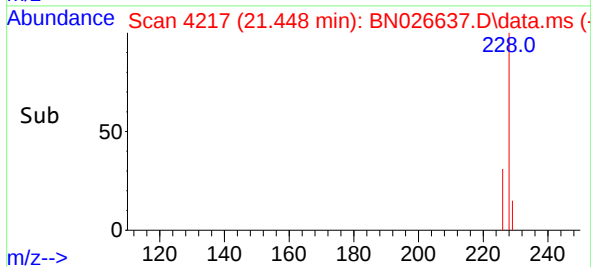
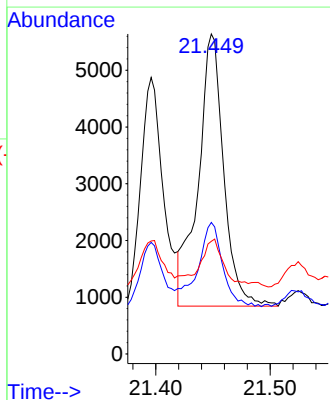
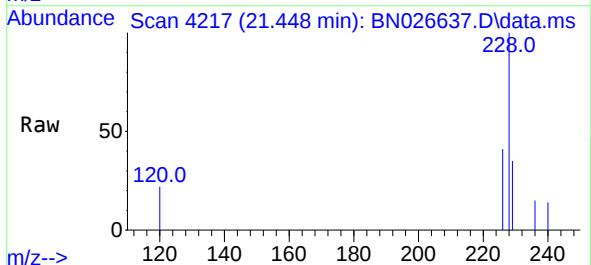
Manual Integrations
APPROVED

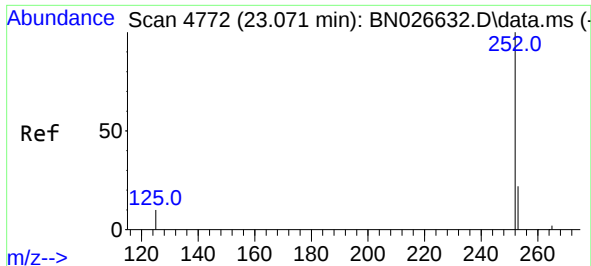
Reviewed By :Yogesh Patel 07/22/2023
Supervised By :mohammad ahmed 07/22/2023



#22
Chrysene
Concen: 0.196 ng/ul
RT: 21.448 min Scan# 4217
Delta R.T. -0.015 min
Lab File: BN026637.D
Acq: 21 Jul 2023 20:46

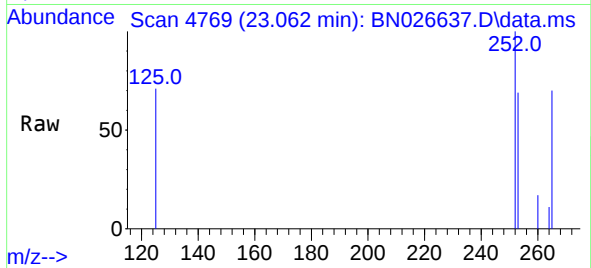
Tgt Ion:228 Resp: 7453
Ion Ratio Lower Upper
228 100
226 41.1 25.2 37.8#
229 35.2 16.4 24.6#





#24
Benzo(b)fluoranthene
Concen: 0.234 ng/ul
RT: 23.062 min Scan# 4769
Delta R.T. -0.018 min
Lab File: BN026637.D
Acq: 21 Jul 2023 20:46

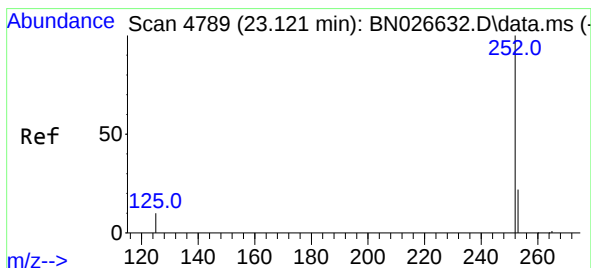
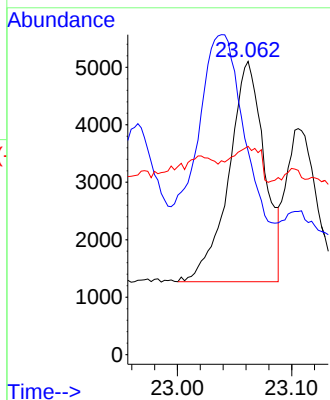
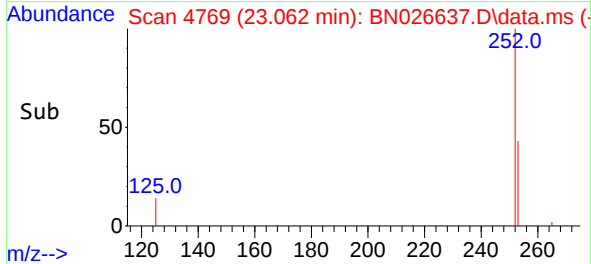
Instrument :
BNA_N
ClientSampleId :
YBW57MSD



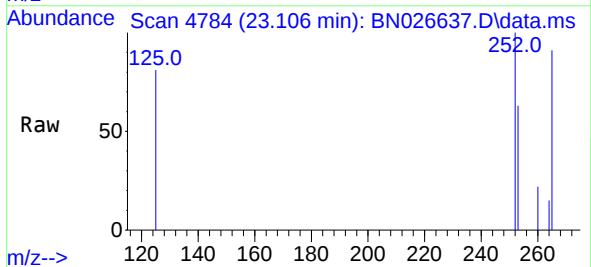
Tgt Ion:252 Resp: 8294
Ion Ratio Lower Upper
252 100
253 69.4 0.0 68.6#
125 71.0 0.0 34.0#

Manual Integrations
APPROVED

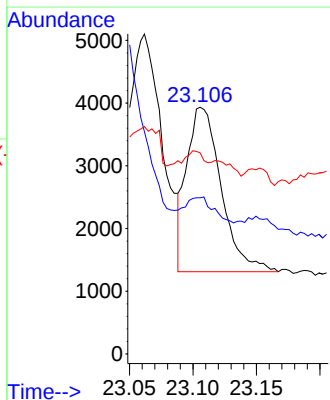
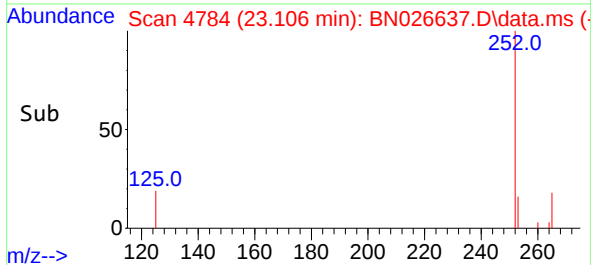
Reviewed By :Yogesh Patel 07/22/2023
Supervised By :mohammad ahmed 07/22/2023

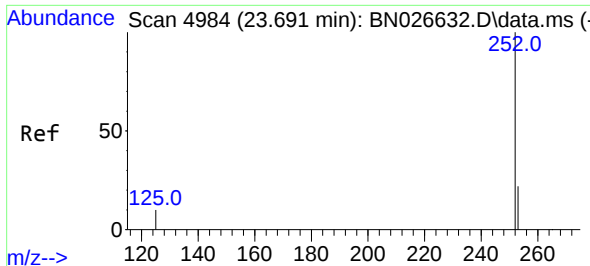


#25
Benzo(k)fluoranthene
Concen: 0.133 ng/ul
RT: 23.106 min Scan# 4784
Delta R.T. -0.023 min
Lab File: BN026637.D
Acq: 21 Jul 2023 20:46



Tgt Ion:252 Resp: 4958
Ion Ratio Lower Upper
252 100
253 63.3 27.2 40.8#
125 81.5 13.4 20.2#





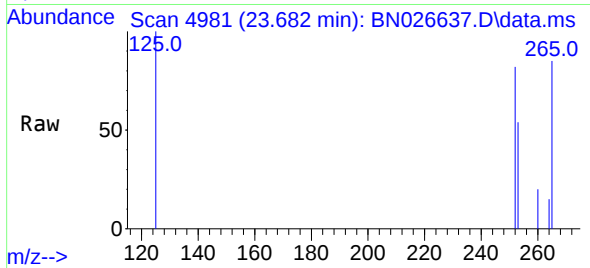
#26
Benzo(a)pyrene
Concen: 0.149 ng/ul
RT: 23.682 min Scan# 4981
Delta R.T. -0.015 min
Lab File: BN026637.D
Acq: 21 Jul 2023 20:46

Instrument :

BNA_N

ClientSampleId :

YBW57MSD

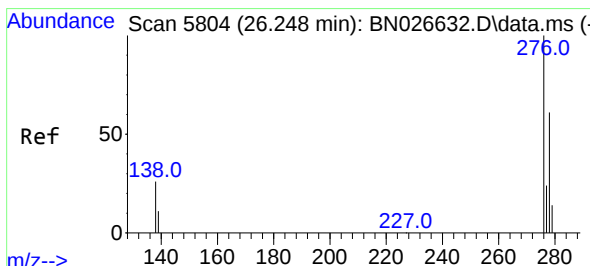
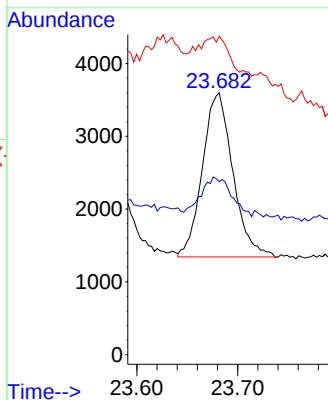
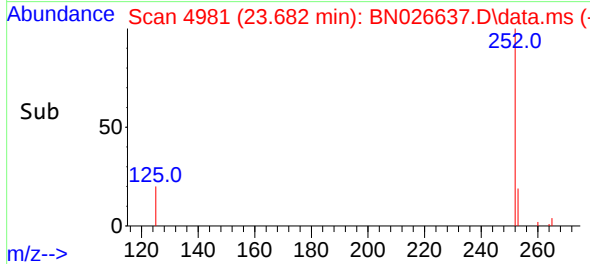


Tgt Ion:252 Resp: 472
Ion Ratio Lower Upper
252 100
253 66.1 32.6 49.0
125 121.6 19.3 28.9

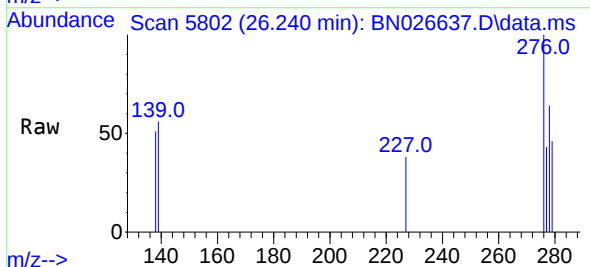
Manual Integrations

APPROVED

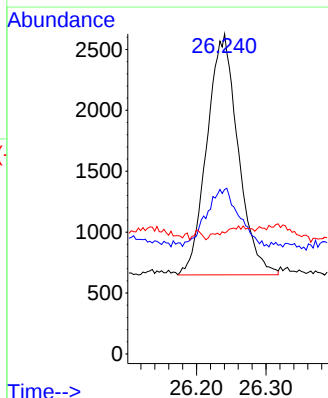
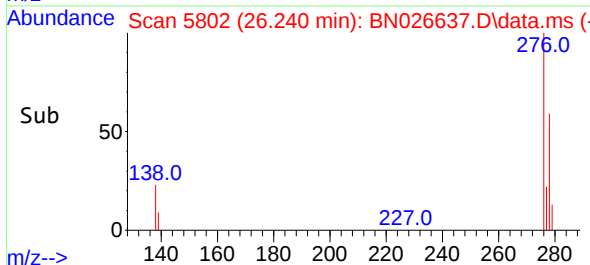
Reviewed By :Yogesh Patel 07/22/2023
Supervised By :mohammad ahmed 07/22/2023

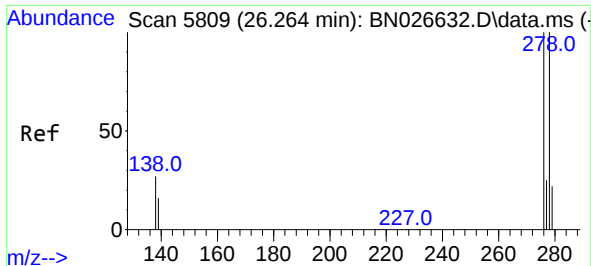


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.149 ng/ul
RT: 26.240 min Scan# 5802
Delta R.T. -0.017 min
Lab File: BN026637.D
Acq: 21 Jul 2023 20:46



Tgt Ion:276 Resp: 6156
Ion Ratio Lower Upper
276 100
138 25.5 22.2 33.4
227 0.8 0.1 0.1





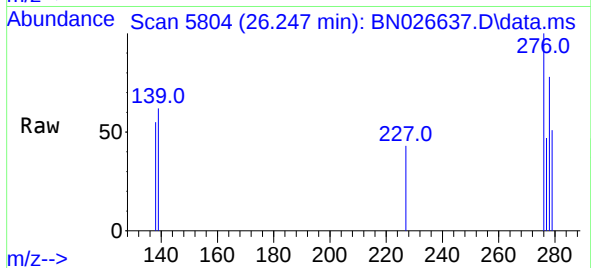
#28
Dibenzo(a,h)anthracene
Concen: 0.132 ng/ul
RT: 26.247 min Scan# 5804
Delta R.T. -0.027 min
Lab File: BN026637.D
Acq: 21 Jul 2023 20:46

Instrument :

BNA_N

ClientSampleId :

YBW57MSD

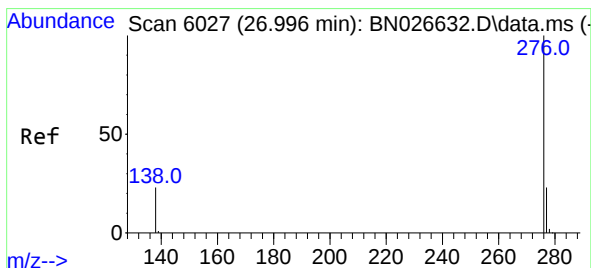
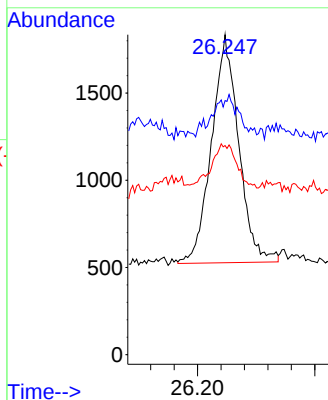
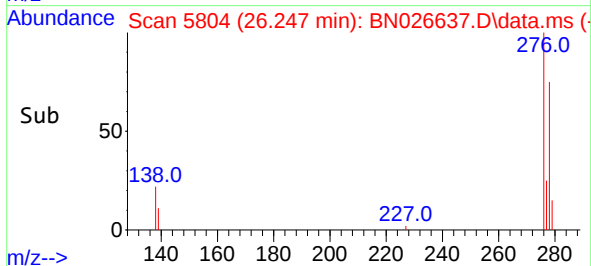


Tgt Ion:278 Resp: 4200
Ion Ratio Lower Upper
278 100
139 79.4 18.9 28.3#
279 65.3 31.3 46.9#

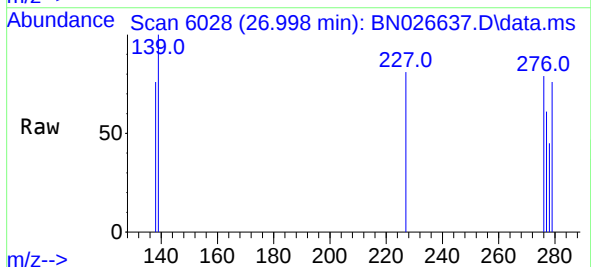
Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/22/2023
Supervised By :mohammad ahmed 07/22/2023



#29
Benzo(g,h,i)perylene
Concen: 0.032 ng/ul
RT: 26.998 min Scan# 6028
Delta R.T. -0.014 min
Lab File: BN026637.D
Acq: 21 Jul 2023 20:46



Tgt Ion:276 Resp: 1166
Ion Ratio Lower Upper
276 100
138 96.6 22.6 34.0#
277 78.1 21.8 32.8#

