

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
 Data File : BN032930.D
 Acq On : 24 Jul 2024 03:20
 Operator : MA/JU
 Sample : P3215-15
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4D43

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 07/24/2024
 Supervised By :mohammad ahmed 07/26/2024

Quant Time: Jul 24 03:46:25 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jul 20 01:52:15 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.519	152	3641	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.288	136	13090	0.400	ng/ul	-0.03
9) Acenaphthene-d10	14.174	164	9524	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.940	188	21946m	0.400	ng/ul	-0.02
17) Chrysene-d12	21.165	240	14714m	0.400	ng/ul	0.00
23) Perylene-d12	23.371	264	20550m	0.400	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.084	96	12884	2.947	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.889	152	4803	0.243	ng/ul	-0.04
18) Fluoranthene-d10	18.985	212	12979m	0.271	ng/ul	-0.01
Target Compounds						
					Qvalue	
5) Naphthalene	10.338	128	45273	1.288	ng/ul	98
7) 2-Methylnaphthalene	11.966	142	20544	0.936	ng/ul	98
8) 1-Methylnaphthalene	12.191	142	14541	0.641	ng/ul	99
10) Acenaphthylene	13.897	152	200658	5.215	ng/ul	99
11) Acenaphthene	14.239	153	32875	1.033	ng/ul	99
12) Fluorene	15.234	166	47854	1.316	ng/ul	99
14) Pentachlorophenol	16.615	266	1675m	0.435	ng/ul	
15) Phenanthrene	16.982	178	1036141m	17.336	ng/ul	
16) Anthracene	17.075	178	291470m	5.969	ng/ul	
19) Fluoranthene	19.017	202	2493099m	41.674	ng/ul	
20) Pyrene	19.385	202	1496931m	24.174	ng/ul	
21) Benzo(a)anthracene	21.147	228	1049662m	22.411	ng/ul	
22) Chrysene	21.200	228	1311296m	19.353	ng/ul	
24) Benzo(b)fluoranthene	22.713	252	1922454m	26.514	ng/ul	
25) Benzo(k)fluoranthene	22.748	252	614291m	6.952	ng/ul	
26) Benzo(a)pyrene	23.275	252	453939	7.234	ng/ul	94
27) Indeno(1,2,3-cd)pyrene	25.596	276	573377	6.748	ng/ul#	96
28) Dibenzo(a,h)anthracene	25.589	278	264431	4.015	ng/ul#	89
29) Benzo(g,h,i)perylene	26.290	276	77735	1.095	ng/ul#	60

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

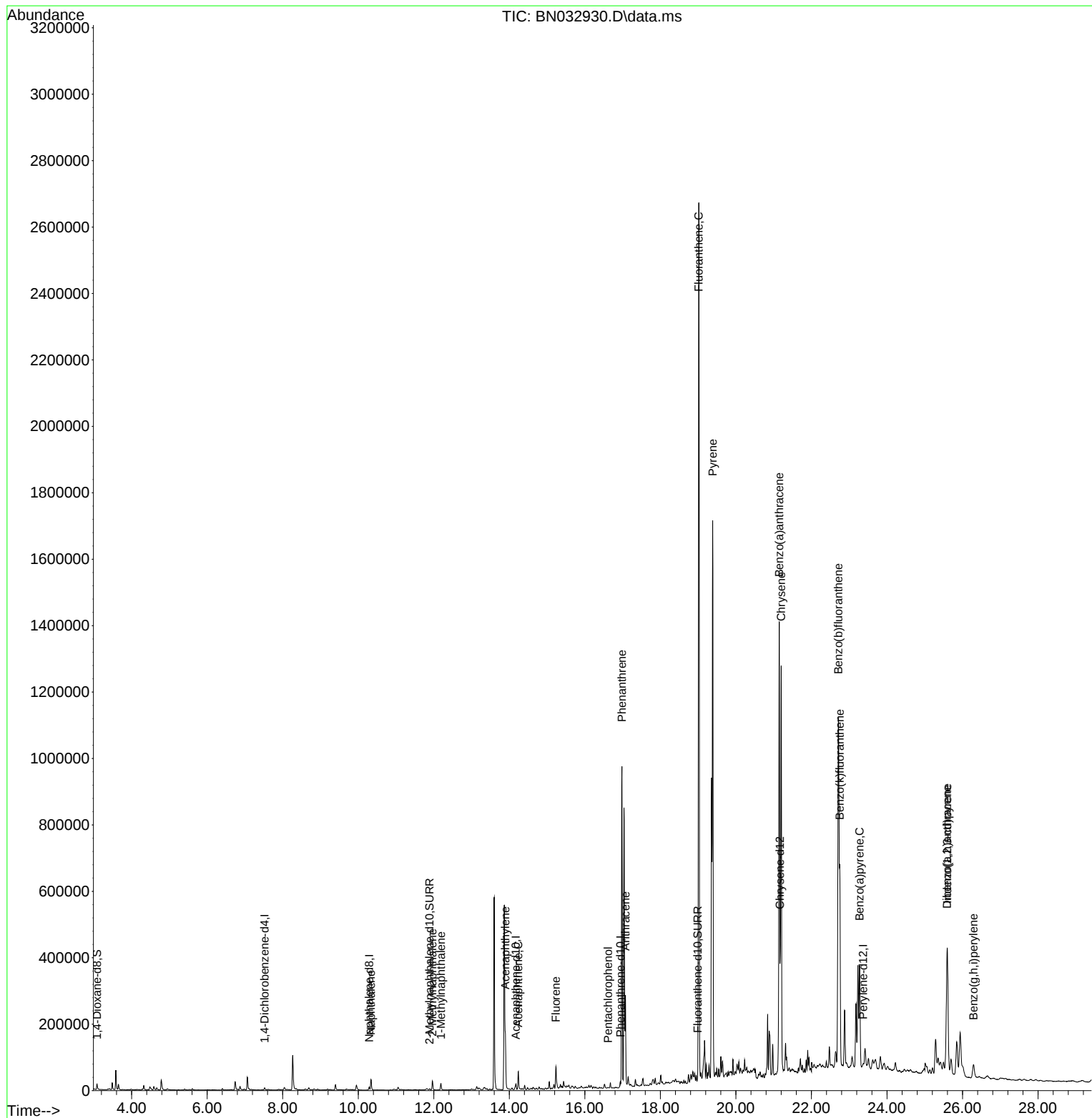
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
Data File : BN032930.D
Acq On : 24 Jul 2024 03:20
Operator : MA/JU
Sample : P3215-15
Misc :
ALS Vial : 40 Sample Multiplier: 1

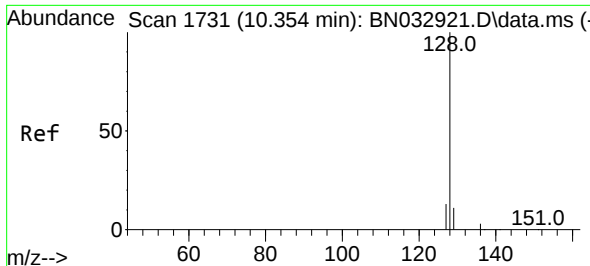
Instrument :
BNA_N
ClientSampleId :
A4D43

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/26/2024

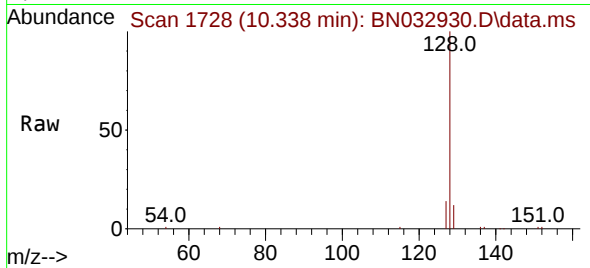
Quant Time: Jul 24 03:46:25 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 20 01:52:15 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 1.288 ng/ul
RT: 10.338 min Scan# 1731
Delta R.T. -0.026 min
Lab File: BN032930.D
Acq: 24 Jul 2024 03:20

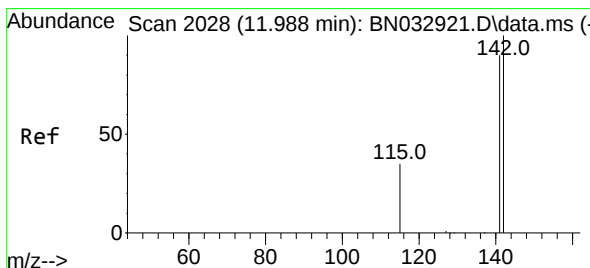
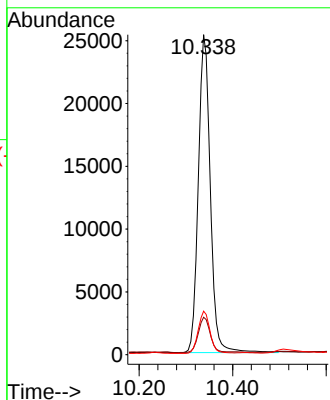
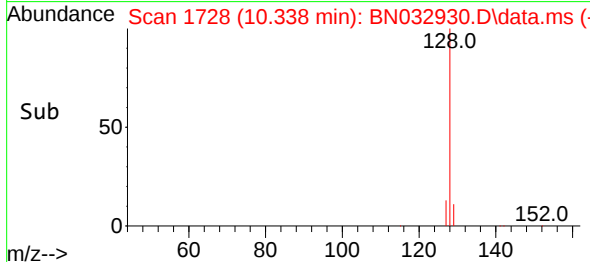
Instrument :
BNA_N
ClientSampleId :
A4D43



Tgt Ion:128 Resp: 4527
Ion Ratio Lower Upper
128 100
129 11.7 10.0 15.0
127 13.6 11.6 17.4

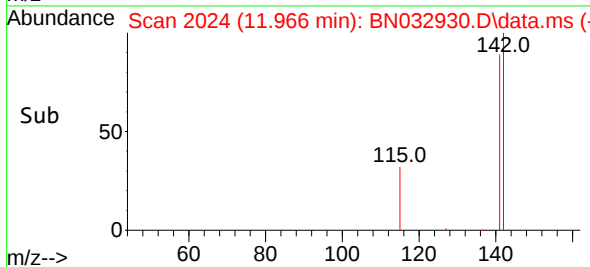
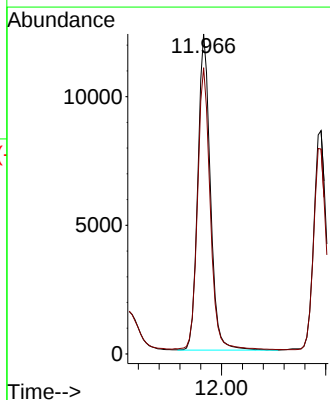
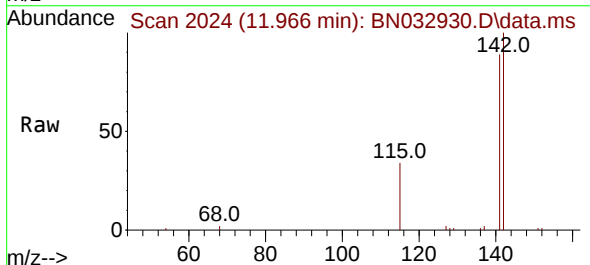
Manual Integrations
APPROVED

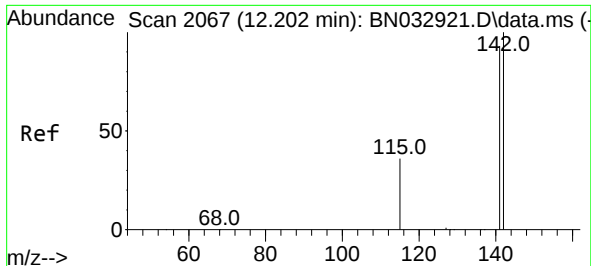
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/26/2024



#7
2-Methylnaphthalene
Concen: 0.936 ng/ul
RT: 11.966 min Scan# 2024
Delta R.T. -0.031 min
Lab File: BN032930.D
Acq: 24 Jul 2024 03:20

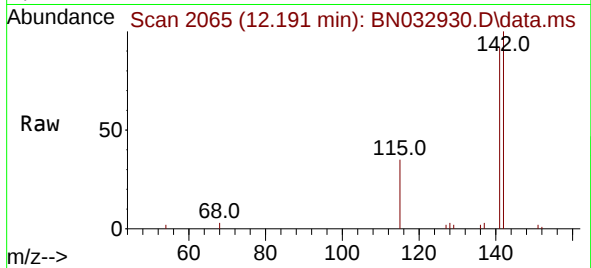
Tgt Ion:142 Resp: 20544
Ion Ratio Lower Upper
142 100
141 90.6 74.0 111.0





#8
1-Methylnaphthalene
Concen: 0.641 ng/ul
RT: 12.191 min Scan# 2065
Delta R.T. -0.021 min
Lab File: BN032930.D
Acq: 24 Jul 2024 03:20

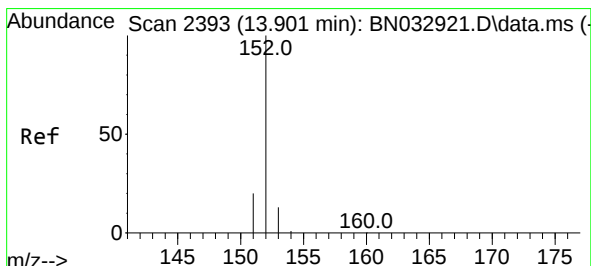
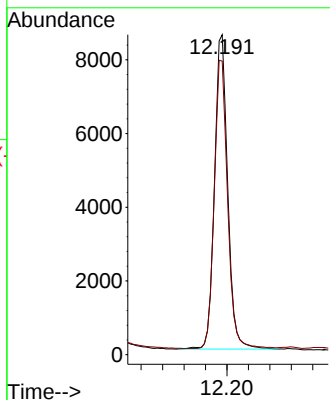
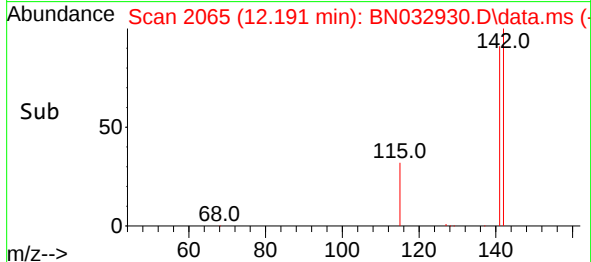
Instrument :
BNA_N
ClientSampleId :
A4D43



Tgt Ion:142 Resp: 1454
Ion Ratio Lower Upper
142 100
141 92.5 75.0 112.4

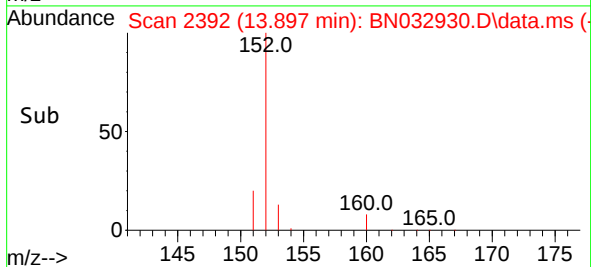
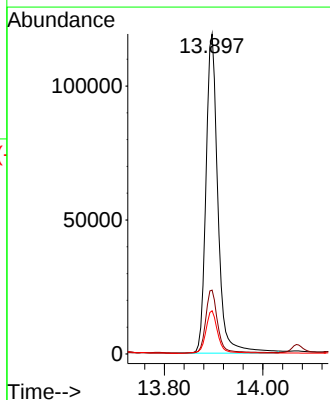
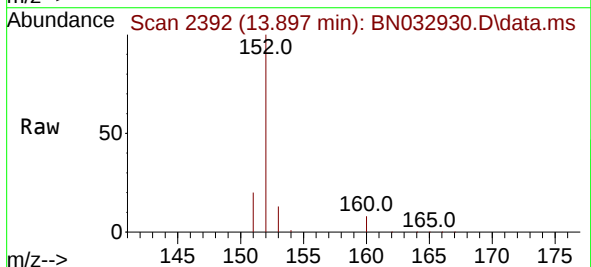
Manual Integrations
APPROVED

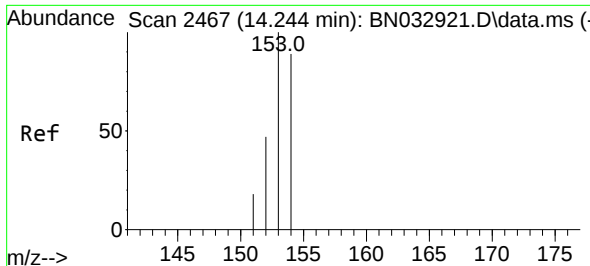
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/26/2024



#10
Acenaphthylene
Concen: 5.215 ng/ul
RT: 13.897 min Scan# 2392
Delta R.T. -0.017 min
Lab File: BN032930.D
Acq: 24 Jul 2024 03:20

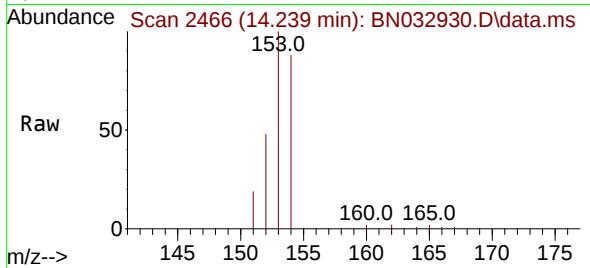
Tgt Ion:152 Resp: 200658
Ion Ratio Lower Upper
152 100
151 19.9 16.3 24.5
153 13.5 11.3 16.9





#11
Acenaphthene
Concen: 1.033 ng/ul
RT: 14.239 min Scan# 2466
Delta R.T. -0.012 min
Lab File: BN032930.D
Acq: 24 Jul 2024 03:20

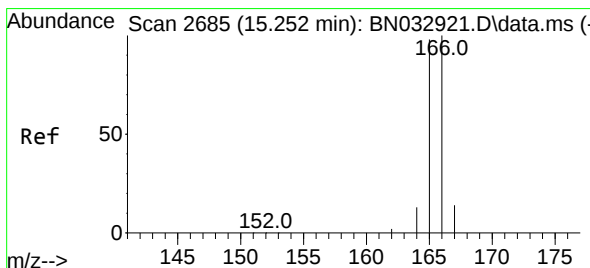
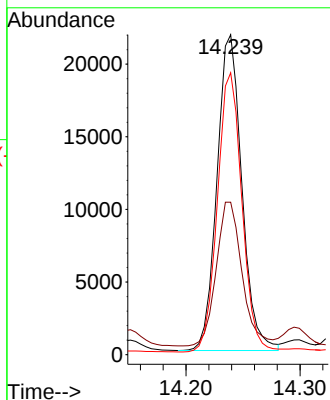
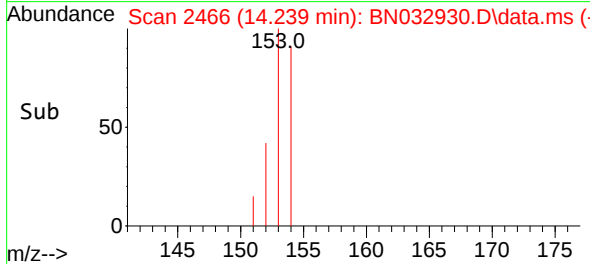
Instrument :
BNA_N
ClientSampleId :
A4D43



Tgt Ion:153 Resp: 32875
Ion Ratio Lower Upper
153 100
152 47.6 40.0 60.0
154 88.1 70.2 105.4

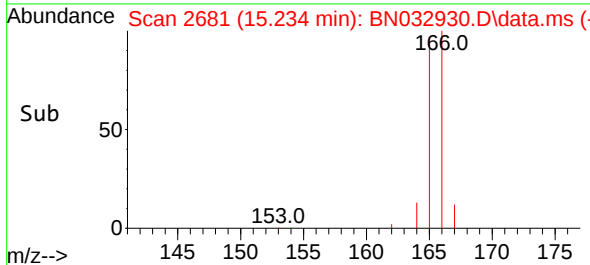
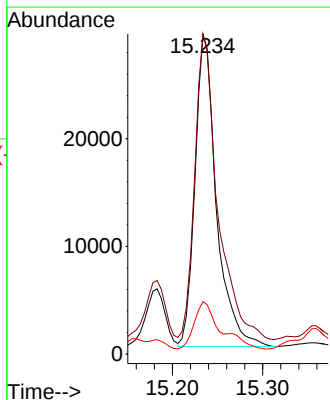
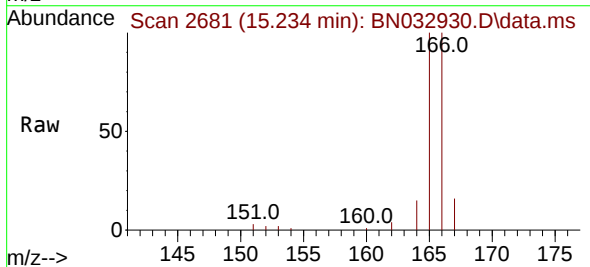
Manual Integrations
APPROVED

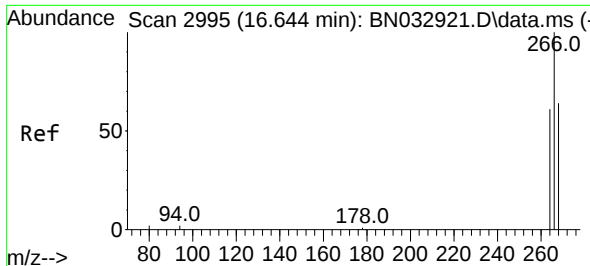
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/26/2024



#12
Fluorene
Concen: 1.316 ng/ul
RT: 15.234 min Scan# 2681
Delta R.T. -0.026 min
Lab File: BN032930.D
Acq: 24 Jul 2024 03:20

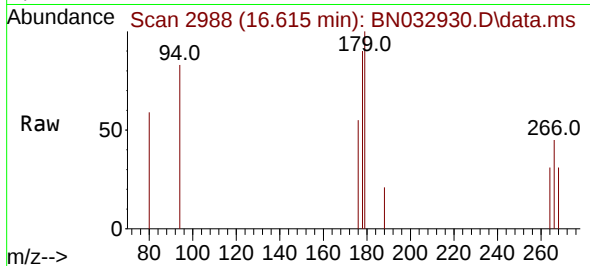
Tgt Ion:166 Resp: 47854
Ion Ratio Lower Upper
166 100
165 100.2 79.7 119.5
167 16.4 11.4 17.2





#14
Pentachlorophenol
Concen: 0.435 ng/ul m
RT: 16.615 min Scan# 2995
Delta R.T. -0.028 min
Lab File: BN032930.D
Acq: 24 Jul 2024 03:20

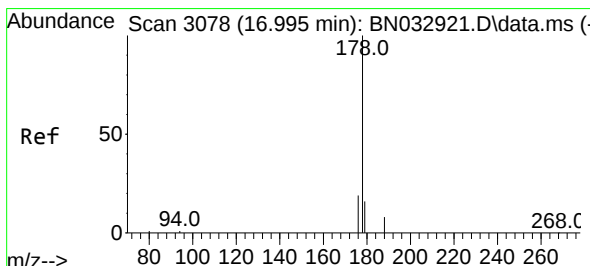
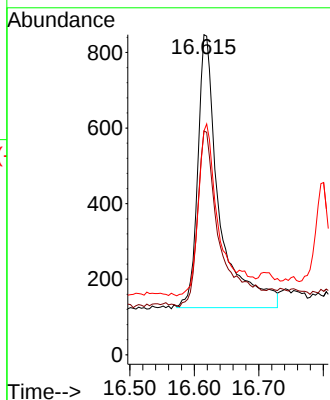
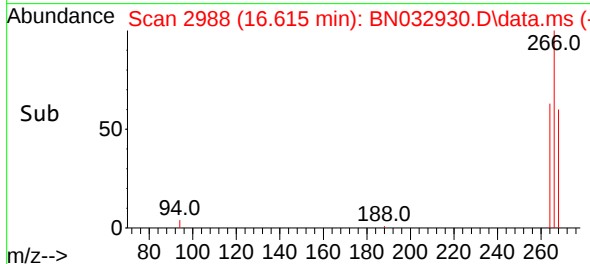
Instrument :
BNA_N
ClientSampleId :
A4D43



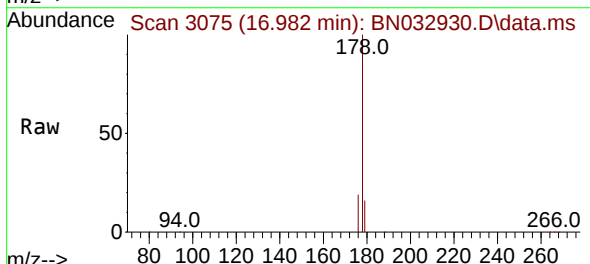
Tgt Ion:266 Resp: 167
Ion Ratio Lower Upper
266 100
264 1.1 49.4 74.2
268 0.0 51.6 77.4

Manual Integrations
APPROVED

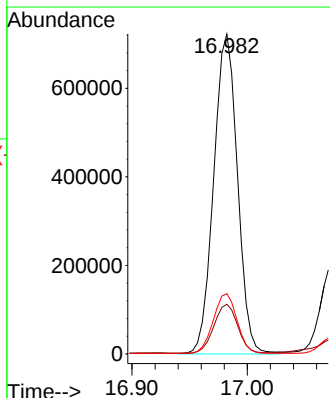
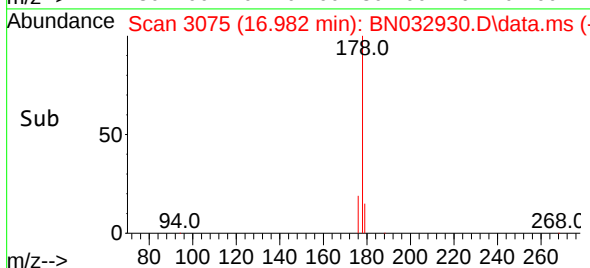
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/26/2024

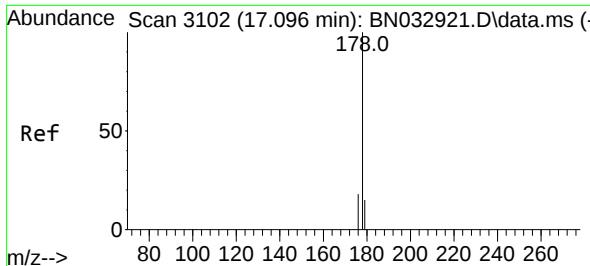


#15
Phenanthrene
Concen: 17.336 ng/ul m
RT: 16.982 min Scan# 3075
Delta R.T. -0.020 min
Lab File: BN032930.D
Acq: 24 Jul 2024 03:20



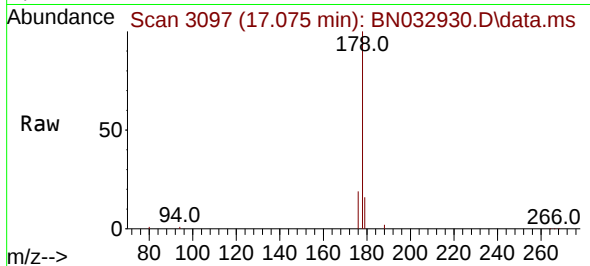
Tgt Ion:178 Resp: 1036141
Ion Ratio Lower Upper
178 100
179 15.6 13.0 19.4
176 18.8 15.6 23.4





#16
 Anthracene
 Concen: 5.969 ng/ul m
 RT: 17.075 min Scan# 3097
 Delta R.T. -0.024 min
 Lab File: BN032930.D
 Acq: 24 Jul 2024 03:20

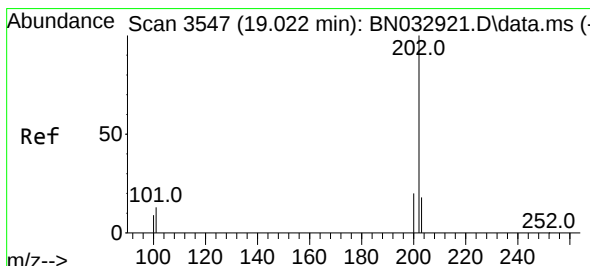
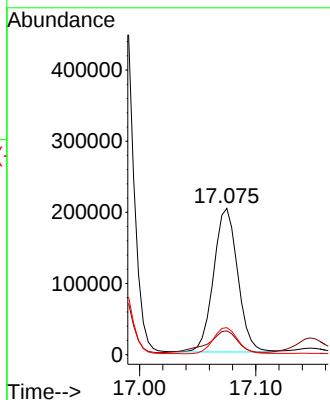
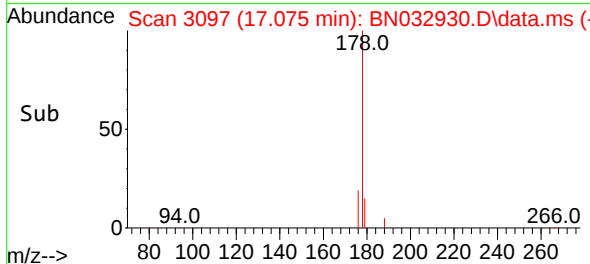
Instrument :
 BNA_N
 ClientSampleId :
 A4D43



Tgt Ion:178 Resp: 291470
 Ion Ratio Lower Upper
 178 100
 179 16.3 13.4 20.2
 176 18.5 15.4 23.0

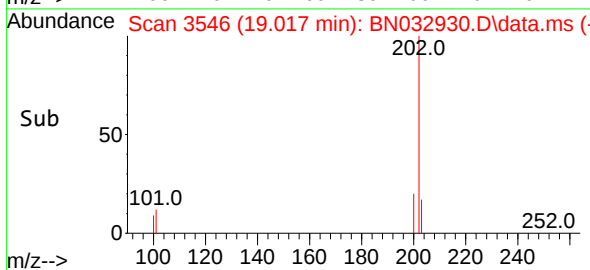
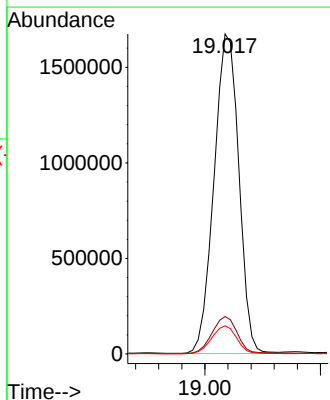
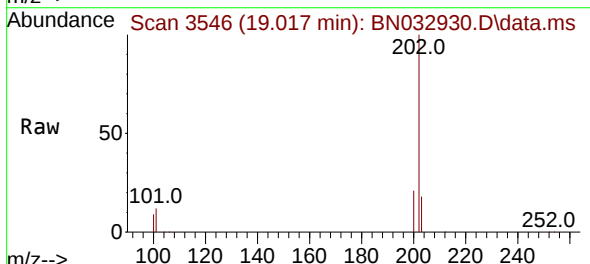
Manual Integrations
 APPROVED

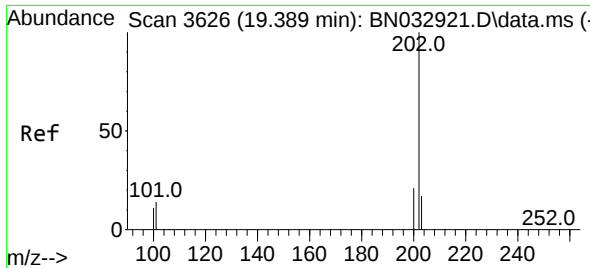
Reviewed By :Jagrut Upadhyay 07/24/2024
 Supervised By :mohammad ahmed 07/26/2024



#19
 Fluoranthene
 Concen: 41.674 ng/ul m
 RT: 19.017 min Scan# 3546
 Delta R.T. -0.008 min
 Lab File: BN032930.D
 Acq: 24 Jul 2024 03:20

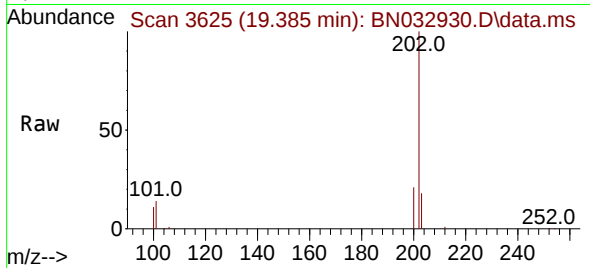
Tgt Ion:202 Resp: 2493099
 Ion Ratio Lower Upper
 202 100
 101 11.7 9.8 14.8
 100 8.8 7.9 11.9





#20
Pyrene
Concen: 24.174 ng/ul m
RT: 19.385 min Scan# 3625
Delta R.T. -0.008 min
Lab File: BN032930.D
Acq: 24 Jul 2024 03:20

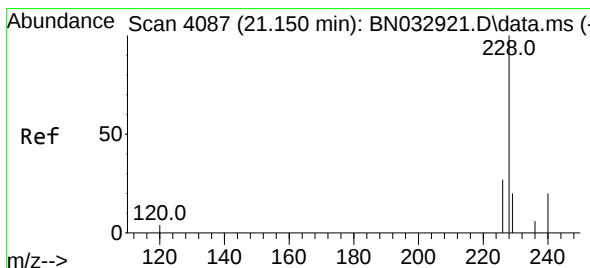
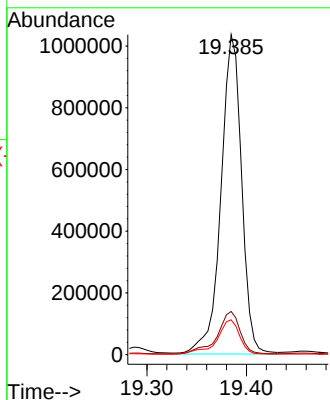
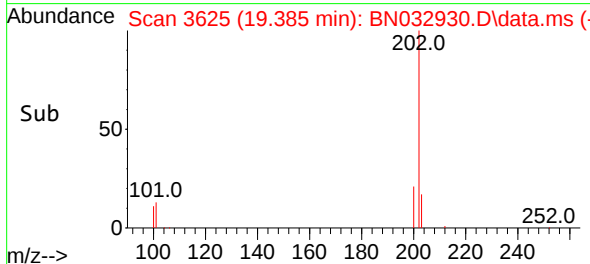
Instrument :
BNA_N
ClientSampleId :
A4D43



Tgt Ion:202 Resp: 149693
Ion Ratio Lower Upper
202 100
101 13.5 11.8 17.6
100 10.9 9.6 14.4

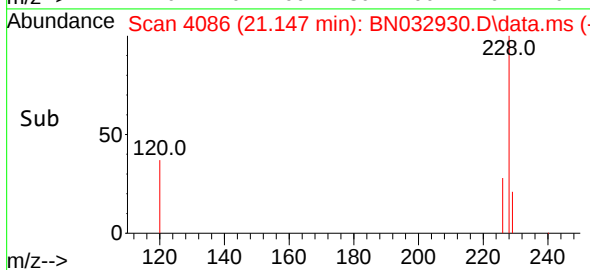
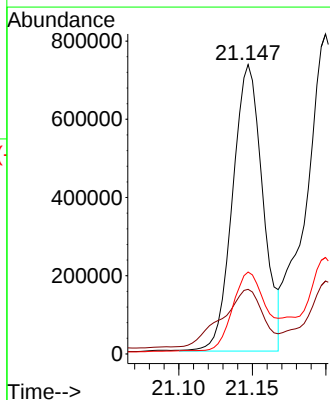
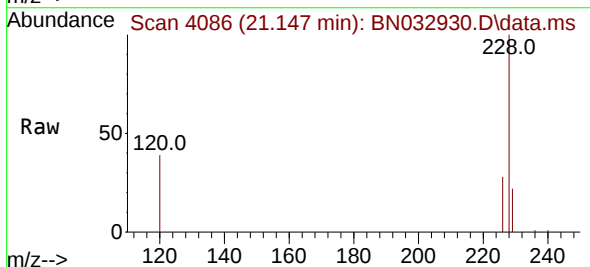
Manual Integrations
APPROVED

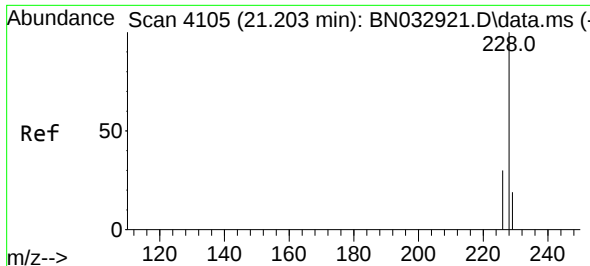
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/26/2024



#21
Benzo(a)anthracene
Concen: 22.411 ng/ul m
RT: 21.147 min Scan# 4086
Delta R.T. -0.003 min
Lab File: BN032930.D
Acq: 24 Jul 2024 03:20

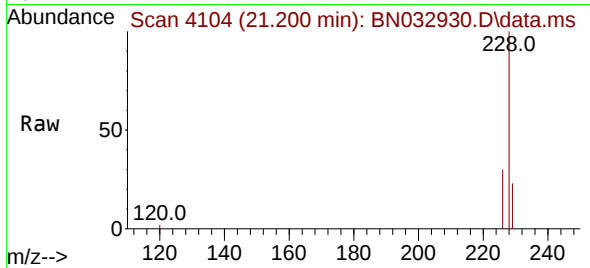
Tgt Ion:228 Resp: 1049662
Ion Ratio Lower Upper
228 100
229 22.4 16.1 24.1
226 28.3 21.9 32.9





#22
Chrysene
Concen: 19.353 ng/ul m
RT: 21.200 min Scan# 4105
Delta R.T. -0.003 min
Lab File: BN032930.D
Acq: 24 Jul 2024 03:20

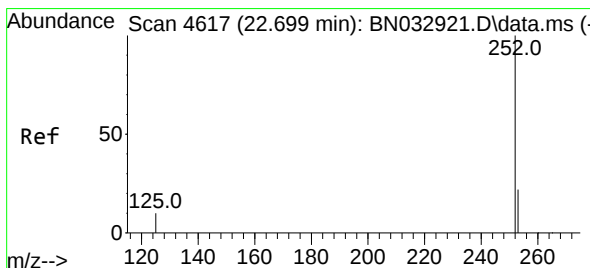
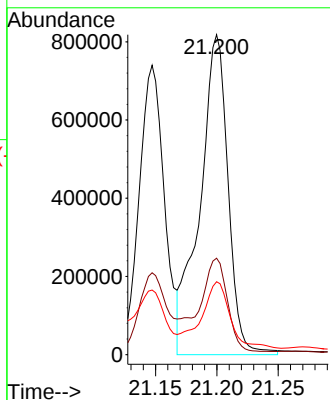
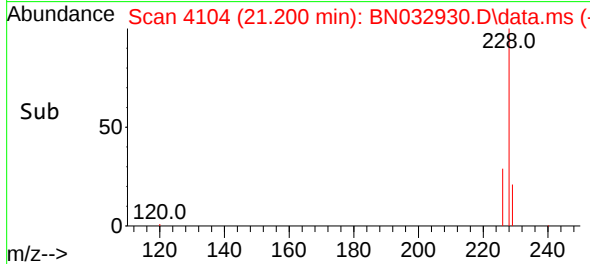
Instrument :
BNA_N
ClientSampleId :
A4D43



Tgt Ion:228 Resp: 1311290
Ion Ratio Lower Upper
228 100
226 30.2 24.0 36.0
229 22.8 15.8 23.6

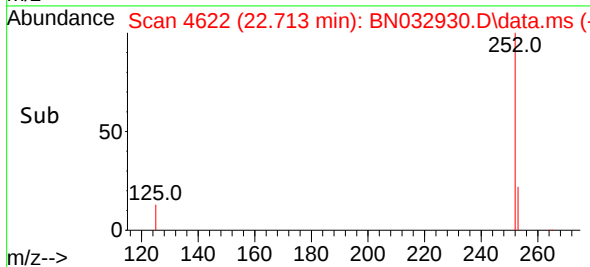
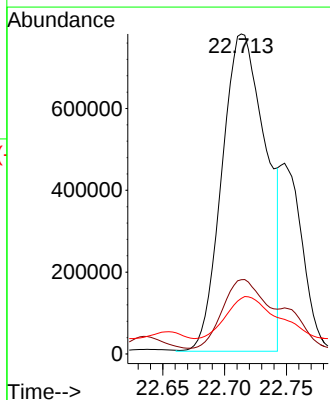
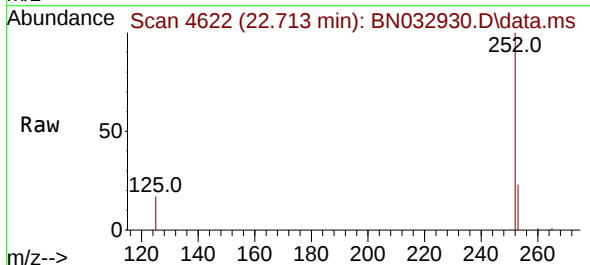
Manual Integrations
APPROVED

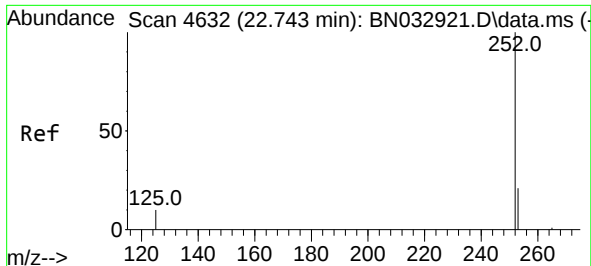
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/26/2024



#24
Benzo(b)fluoranthene
Concen: 26.514 ng/ul m
RT: 22.713 min Scan# 4622
Delta R.T. 0.014 min
Lab File: BN032930.D
Acq: 24 Jul 2024 03:20

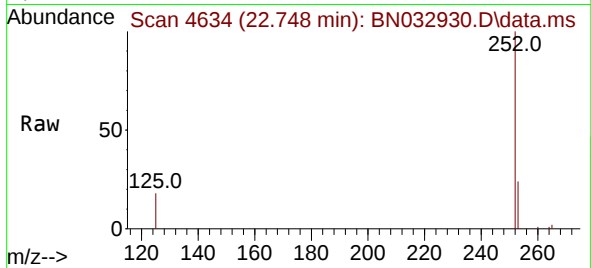
Tgt Ion:252 Resp: 1922454
Ion Ratio Lower Upper
252 100
253 23.2 0.0 54.0
125 17.4 0.0 36.0





#25
Benzo(k)fluoranthene
Concen: 6.952 ng/ul m
RT: 22.748 min Scan# 4632
Delta R.T. 0.009 min
Lab File: BN032930.D
Acq: 24 Jul 2024 03:20

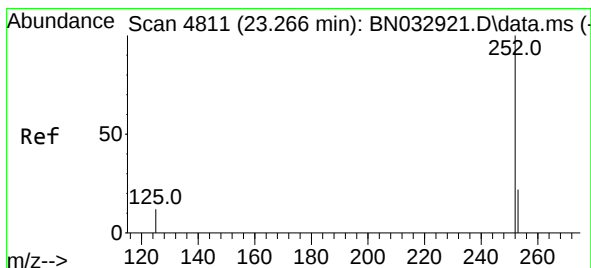
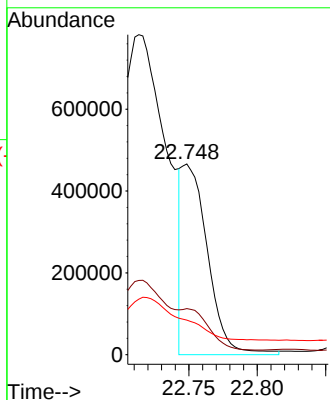
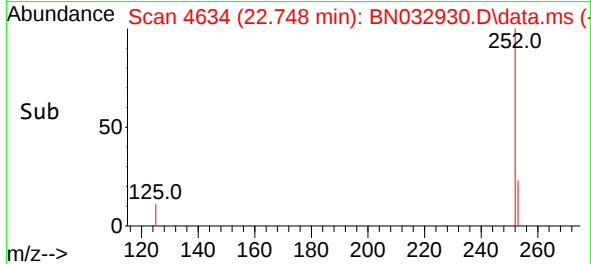
Instrument :
BNA_N
ClientSampleId :
A4D43



Tgt Ion:252 Resp: 61429
Ion Ratio Lower Upper
252 100
253 24.2 21.2 31.8
125 18.1 14.8 22.2

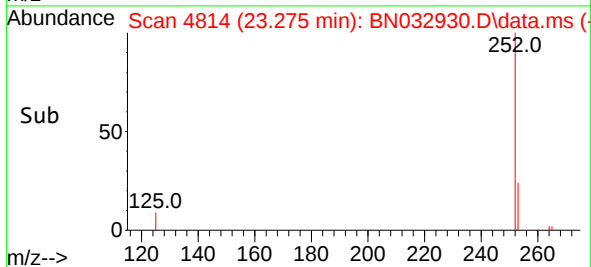
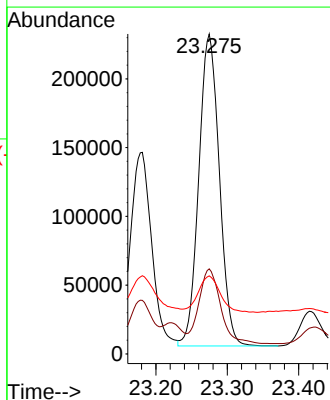
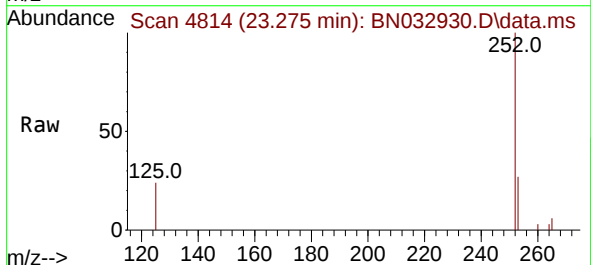
Manual Integrations
APPROVED

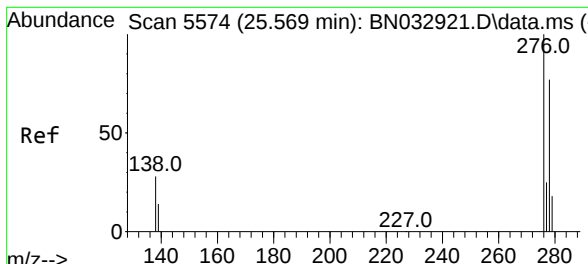
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/26/2024



#26
Benzo(a)pyrene
Concen: 7.234 ng/ul
RT: 23.275 min Scan# 4814
Delta R.T. 0.011 min
Lab File: BN032930.D
Acq: 24 Jul 2024 03:20

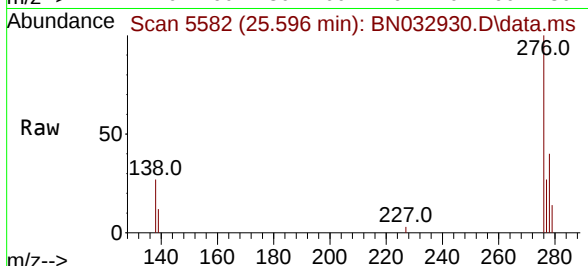
Tgt Ion:252 Resp: 453939
Ion Ratio Lower Upper
252 100
253 26.6 25.4 38.0
125 24.4 20.6 30.8





#27
 Indeno(1,2,3-cd)pyrene
 Concen: 6.748 ng/ul
 RT: 25.596 min Scan# 5582
 Delta R.T. 0.027 min
 Lab File: BN032930.D
 Acq: 24 Jul 2024 03:20

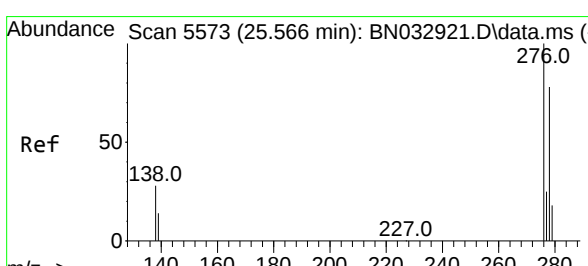
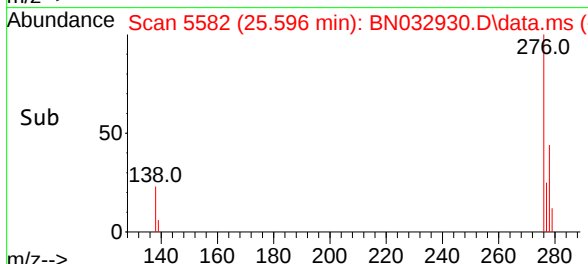
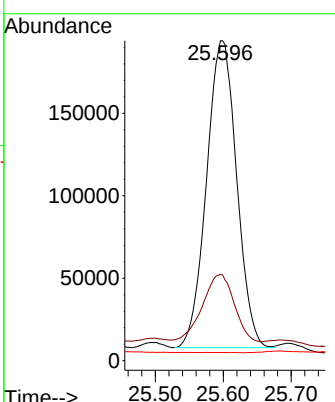
Instrument : BNA_N
 ClientSampleId : A4D43



Tgt Ion: 276 Resp: 57337

Ion	Ratio	Lower	Upper
276	100		
138	29.3	21.6	32.4
227	0.0	0.0	0.0

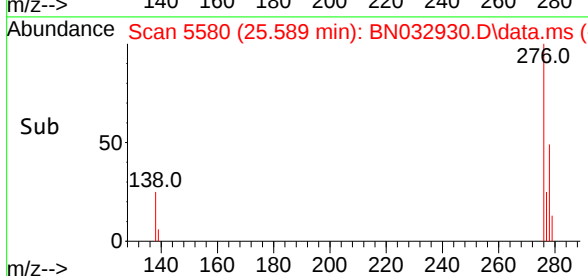
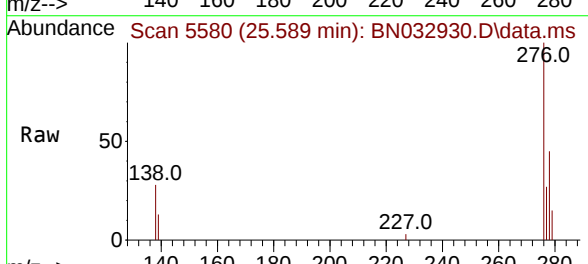
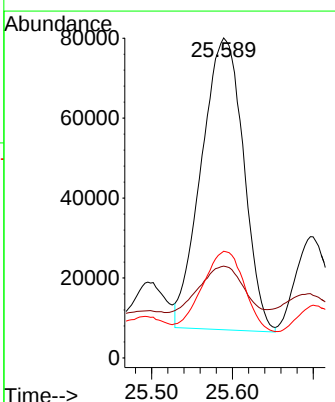
Manual Integrations
APPROVED
 Reviewed By :Jagrut Upadhyay 07/24/2024
 Supervised By :mohammad ahmed 07/26/2024

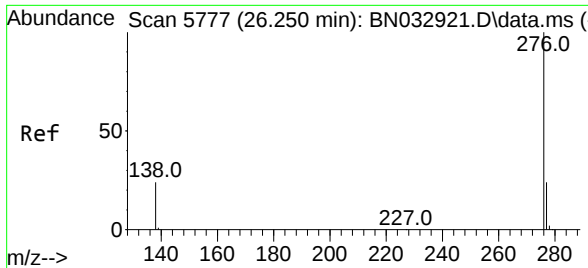


#28
 Dibenzo(a,h)anthracene
 Concen: 4.015 ng/ul
 RT: 25.589 min Scan# 5580
 Delta R.T. 0.020 min
 Lab File: BN032930.D
 Acq: 24 Jul 2024 03:20

Tgt Ion: 278 Resp: 264431

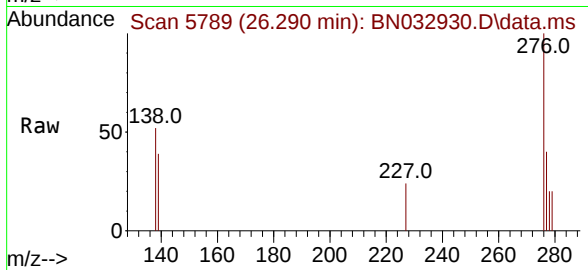
Ion	Ratio	Lower	Upper
278	100		
139	28.7	16.6	24.8
279	33.3	23.7	35.5





#29
Benzo(g,h,i)perylene
Concen: 1.095 ng/ul
RT: 26.290 min Scan# 51
Delta R.T. 0.040 min
Lab File: BN032930.D
Acq: 24 Jul 2024 03:20

Instrument :
BNA_N
ClientSampleId :
A4D43



Tgt Ion: 276 Resp: 77735
Ion Ratio Lower Upper
276 100
138 52.2 21.0 31.4
277 40.5 20.6 31.0

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/26/2024

