

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062224\
 Data File : BN032172.D
 Acq On : 22 Jun 2024 18:33
 Operator : MA/JU
 Sample : P2899-10
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AB2

Manual Integrations
 APPROVED

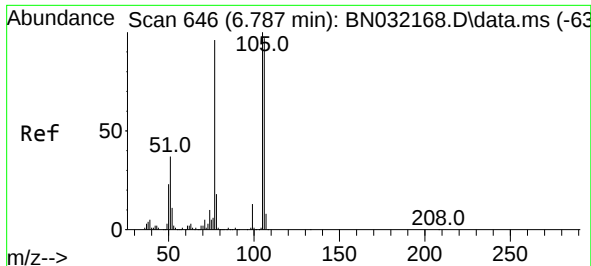
Reviewed By :Yogesh Patel 06/24/2024
 Supervised By :mohammad ahmed 06/26/2024

Quant Time: Jun 22 23:55:22 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jun 20 10:49:40 2024
 Response via : Initial Calibration

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

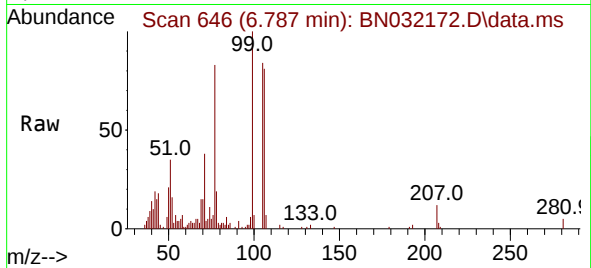
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.628	152	329196	20.000	ng/u1	0.00
20) Naphthalene-d8	10.410	136	1313345	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.275	164	789898	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.028	188	1546155	20.000	ng/u1	0.00
79) Chrysene-d12	21.263	240	1338573	20.000	ng/u1	0.00
88) Perylene-d12	24.174	264	1566355	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.164	96	27985	3.517	ng/uL	0.00
4) Pyridine-d5	3.581	84	51196	2.286	ng/u1	0.01
7) Phenol-d5	6.810	99	593260	21.022	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.975	67	324314	19.647	ng/u1	0.00
11) 2-Chlorophenol-d4	7.163	132	526568	24.453	ng/u1	0.00
15) 4-Methylphenol-d8	8.340	113	352577	15.326	ng/u1	0.00
21) Nitrobenzene-d5	8.787	128	255280	25.422	ng/u1	0.00
24) 2-Nitrophenol-d4	9.504	143	279639	26.958	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.040	165	467014	24.116	ng/u1	0.00
31) 4-Chloroaniline-d4	10.569	131	87062	3.028	ng/u1	0.00
46) Dimethylphthalate-d6	13.692	166	1376323	25.011	ng/u1	0.00
49) Acenaphthylene-d8	13.969	160	1594848	25.205	ng/u1	0.00
54) 4-Nitrophenol-d4	14.504	143	224254	20.353	ng/u1	0.00
60) Fluorene-d10	15.275	176	1175491	25.246	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.410	200	167579	21.563	ng/u1	0.00
73) Anthracene-d10	17.122	188	1740723	26.297	ng/u1	0.00
81) Pyrene-d10	19.427	212	1678291	23.430	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.980	264	1307880	17.486	ng/u1	0.00
Target Compounds						
					Qvalue	
6) Benzaldehyde	6.787	77	21160	1.599	ng/u1	99
8) Phenol	6.840	94	65673	2.287	ng/u1	93
16) Acetophenone	8.452	105	398032	11.417	ng/u1	99
50) Acenaphthylene	13.998	152	236915	3.313	ng/u1	100
72) Phenanthrene	17.069	178	258183	3.278	ng/u1	98
74) Anthracene	17.157	178	180669	2.264	ng/u1	96
80) Fluoranthene	19.092	202	370704	4.330	ng/u1	97
82) Pyrene	19.457	202	471318	5.366	ng/u1	97
83) Butylbenzylphthalate	20.363	149	134961	3.253	ng/u1	99
85) Benzo(a)anthracene	21.245	228	276971m	3.091	ng/u1	
86) Bis(2-ethylhexyl)phtha...	21.169	149	230973	3.820	ng/u1	98
87) Chrysene	21.304	228	299554	3.579	ng/u1#	95
90) Benzo(b)fluoranthene	23.257	252	428409	4.576	ng/u1#	88
91) Benzo(k)fluoranthene	23.304	252	125537m	1.366	ng/u1	
93) Benzo(a)pyrene	24.039	252	216100	2.464	ng/u1#	88
94) Indeno(1,2,3-cd)pyrene	27.451	276	245253	2.427	ng/u1	93
95) Dibenzo(a,h)anthracene	27.480	278	97575m	1.183	ng/u1	

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



#6
Benzaldehyde
Concen: 1.599 ng/ul
RT: 6.787 min Scan# 646
Delta R.T. -0.006 min
Lab File: BN032172.D
Acq: 22 Jun 2024 18:33

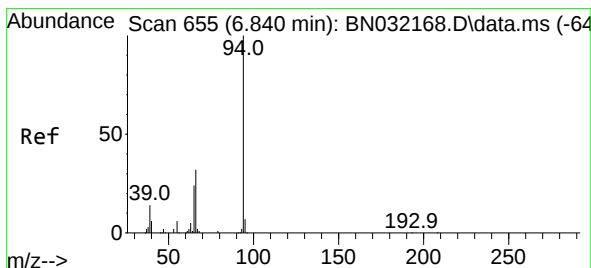
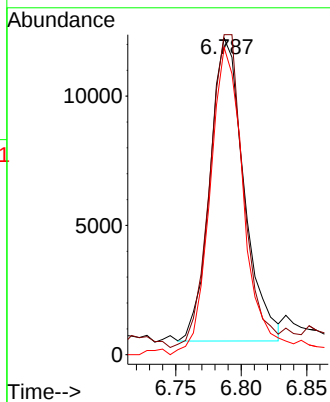
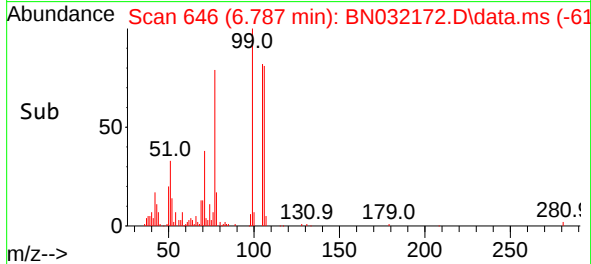
Instrument :
BNA_N
ClientSampleId :
C0AB2



Tgt Ion: 77 Resp: 21160
Ion Ratio Lower Upper
77 100
105 101.1 80.2 120.4
106 97.1 76.8 115.2

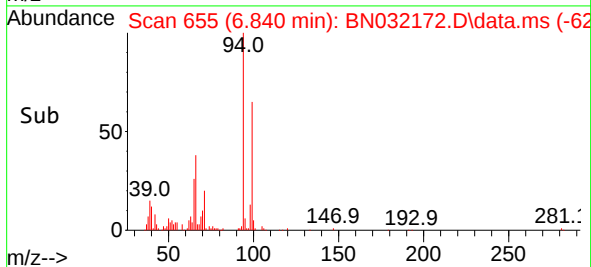
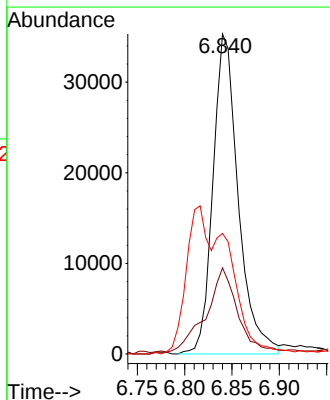
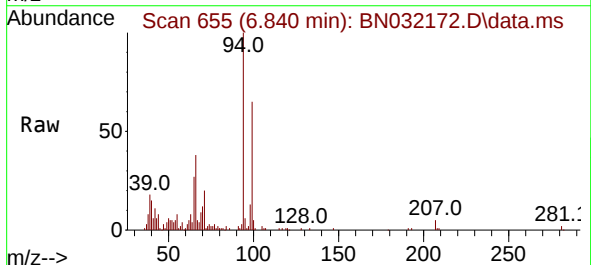
Manual Integrations
APPROVED

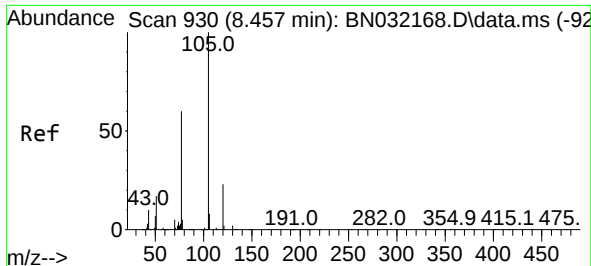
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/26/2024



#8
Phenol
Concen: 2.287 ng/ul
RT: 6.840 min Scan# 655
Delta R.T. 0.000 min
Lab File: BN032172.D
Acq: 22 Jun 2024 18:33

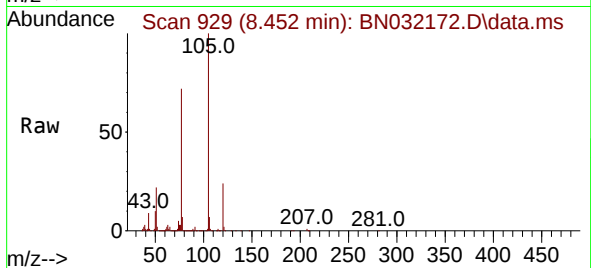
Tgt Ion: 94 Resp: 65673
Ion Ratio Lower Upper
94 100
65 26.9 20.3 30.5
66 37.7 25.8 38.8





#16
Acetophenone
Concen: 11.417 ng/ul
RT: 8.452 min Scan# 91
Delta R.T. -0.012 min
Lab File: BN032172.D
Acq: 22 Jun 2024 18:33

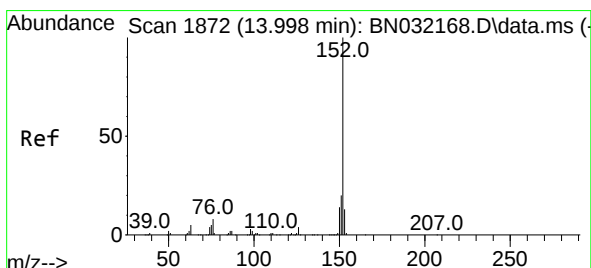
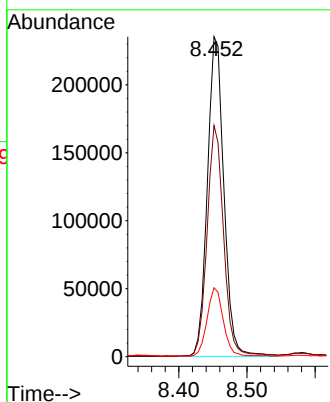
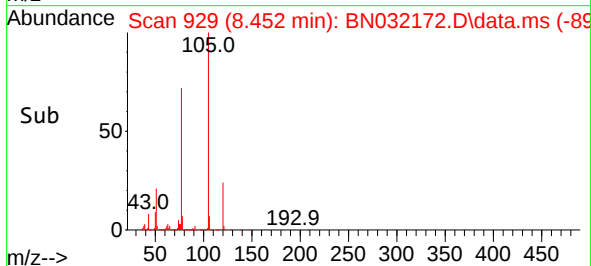
Instrument :
BNA_N
ClientSampleId :
C0AB2



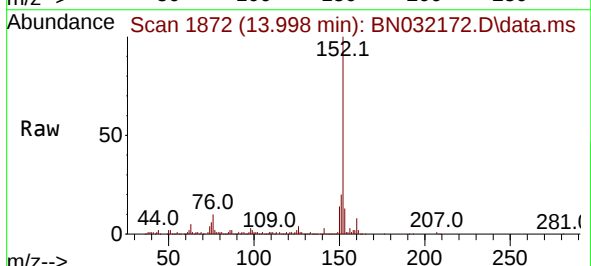
Tgt Ion:105 Resp: 39803
Ion Ratio Lower Upper
105 100
77 72.2 58.6 87.8
51 21.6 17.2 25.8

Manual Integrations
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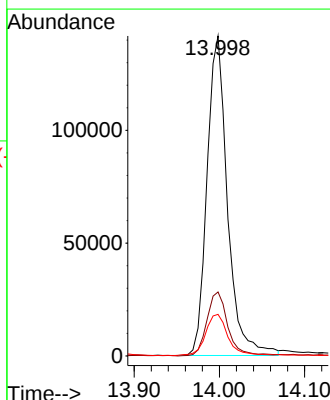
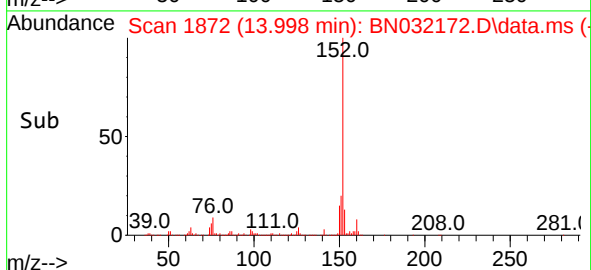
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/26/2024

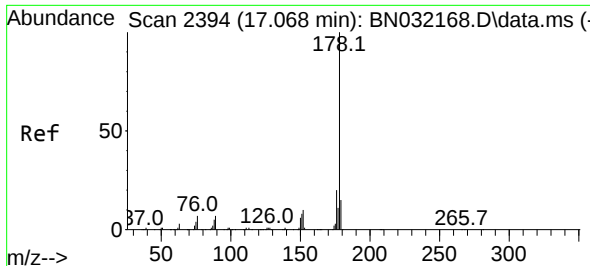


#50
Acenaphthylene
Concen: 3.313 ng/ul
RT: 13.998 min Scan# 1872
Delta R.T. -0.006 min
Lab File: BN032172.D
Acq: 22 Jun 2024 18:33



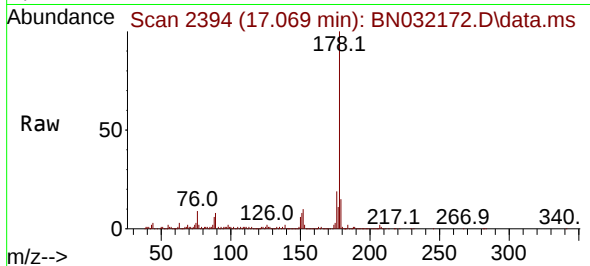
Tgt Ion:152 Resp: 236915
Ion Ratio Lower Upper
152 100
151 20.0 15.9 23.9
153 13.0 10.4 15.6





#72
Phenanthrene
Concen: 3.278 ng/u1
RT: 17.069 min Scan# 21
Delta R.T. -0.006 min
Lab File: BN032172.D
Acq: 22 Jun 2024 18:33

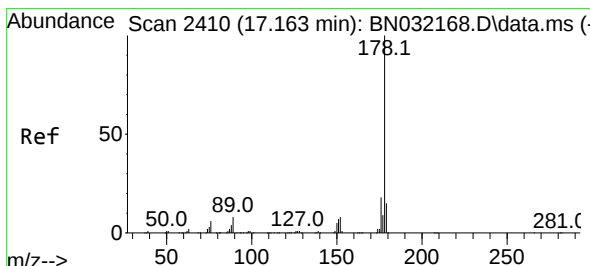
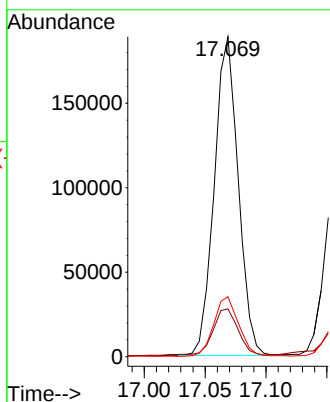
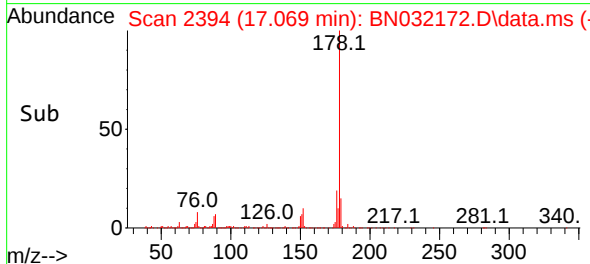
Instrument :
BNA_N
ClientSampleId :
C0AB2



Tgt Ion:178 Resp: 25818
Ion Ratio Lower Upper
178 100
179 15.0 12.6 19.0
176 18.8 15.8 23.6

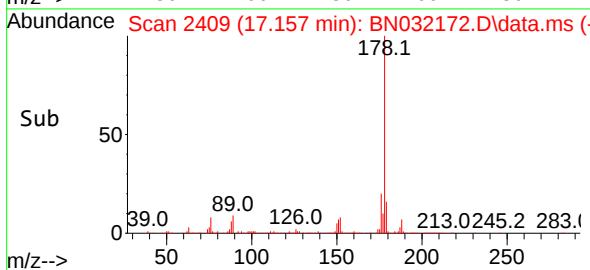
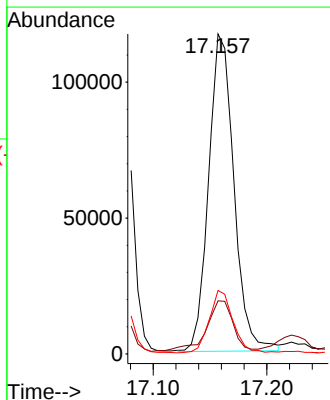
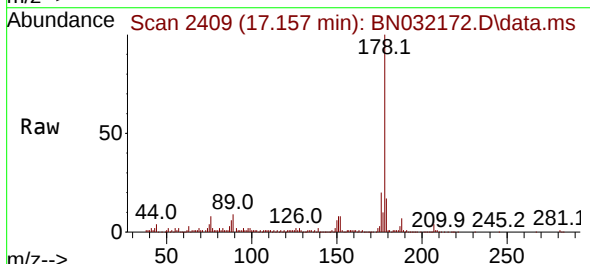
Manual Integrations
APPROVED

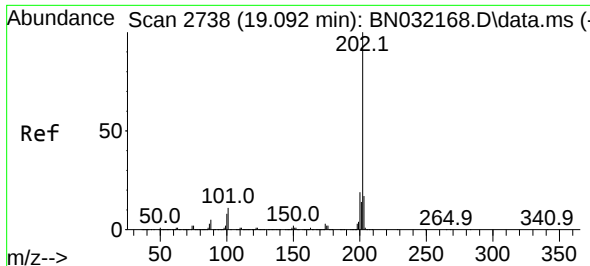
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/26/2024



#74
Anthracene
Concen: 2.264 ng/u1
RT: 17.157 min Scan# 2409
Delta R.T. -0.006 min
Lab File: BN032172.D
Acq: 22 Jun 2024 18:33

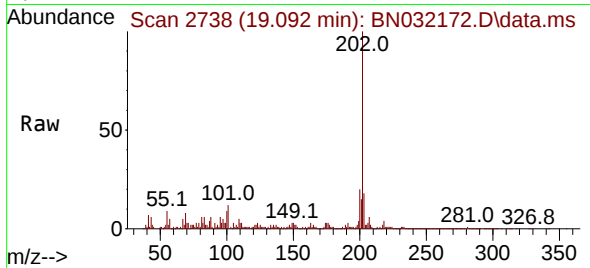
Tgt Ion:178 Resp: 180669
Ion Ratio Lower Upper
178 100
179 16.6 11.8 17.6
176 19.9 14.8 22.2





#80
Fluoranthene
Concen: 4.330 ng/ul
RT: 19.092 min Scan# 21
Delta R.T. -0.006 min
Lab File: BN032172.D
Acq: 22 Jun 2024 18:33

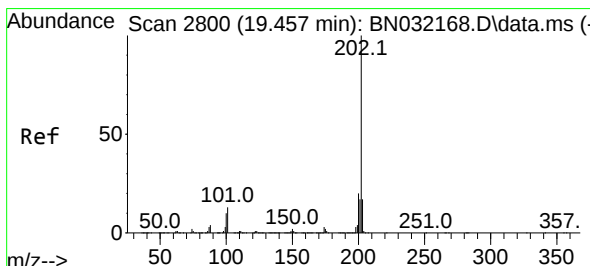
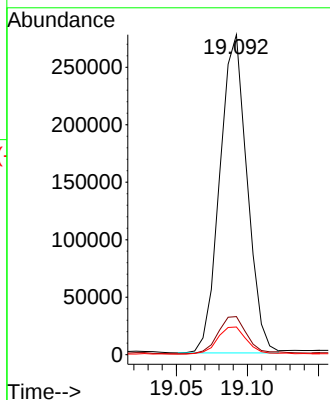
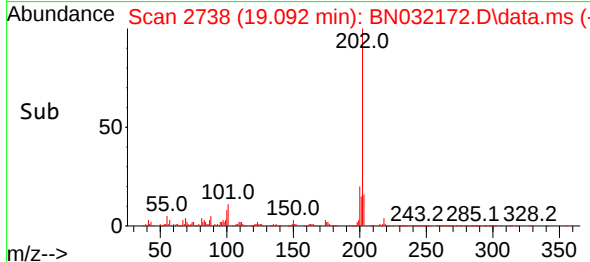
Instrument :
BNA_N
ClientSampleId :
C0AB2



Tgt Ion:202 Resp: 370704
Ion Ratio Lower Upper
202 100
101 11.9 10.3 15.5
100 8.7 8.0 12.0

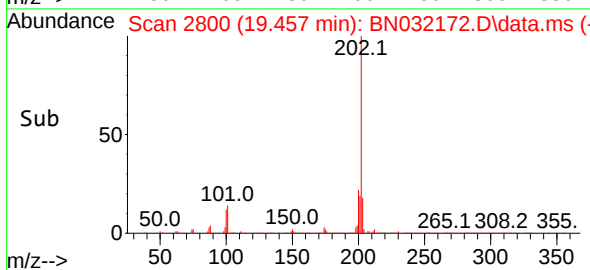
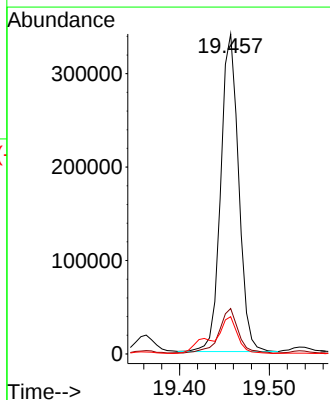
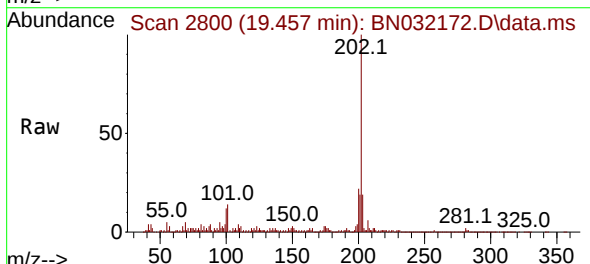
Manual Integrations
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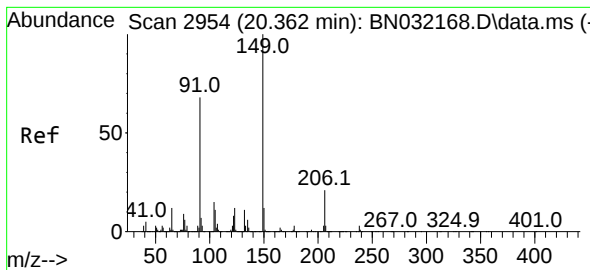
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/26/2024



#82
Pyrene
Concen: 5.366 ng/ul
RT: 19.457 min Scan# 2800
Delta R.T. -0.006 min
Lab File: BN032172.D
Acq: 22 Jun 2024 18:33

Tgt Ion:202 Resp: 471318
Ion Ratio Lower Upper
202 100
101 14.2 12.6 18.8
100 11.6 10.2 15.2





#83

Butylbenzylphthalate

Concen: 3.253 ng/ul

RT: 20.363 min Scan# 2954

Delta R.T. -0.006 min

Lab File: BN032172.D

Acq: 22 Jun 2024 18:33

Instrument :

BNA_N

ClientSampleId :

C0AB2

Tgt Ion:149 Resp: 13496

Ion Ratio Lower Upper

149 100

91 76.2 61.0 91.4

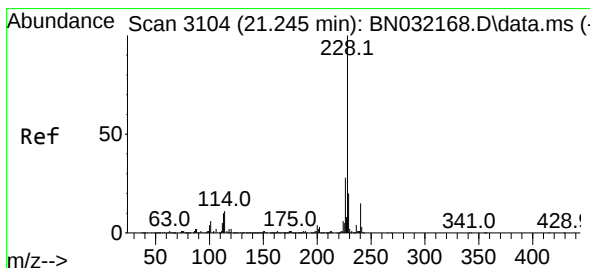
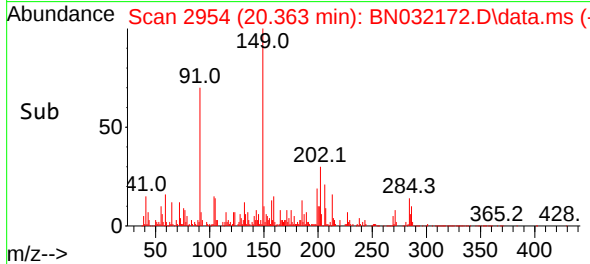
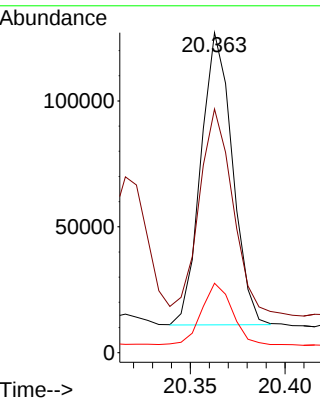
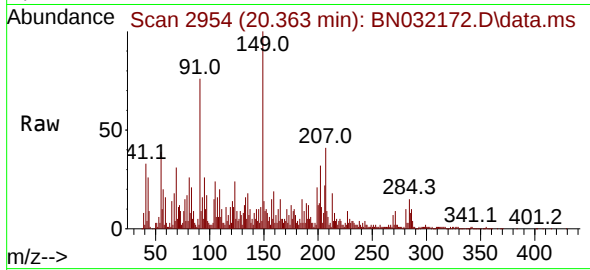
206 21.7 16.5 24.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/24/2024

Supervised By :mohammad ahmed 06/26/2024



#85

Benzo(a)anthracene

Concen: 3.091 ng/ul m

RT: 21.245 min Scan# 3104

Delta R.T. -0.006 min

Lab File: BN032172.D

Acq: 22 Jun 2024 18:33

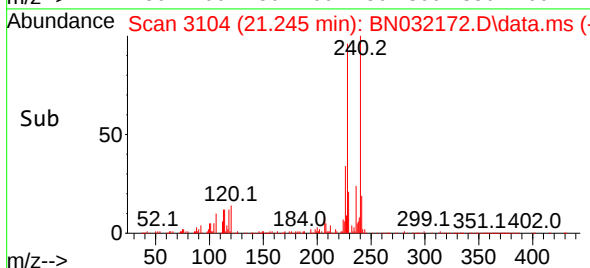
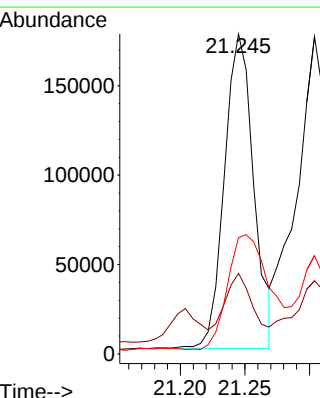
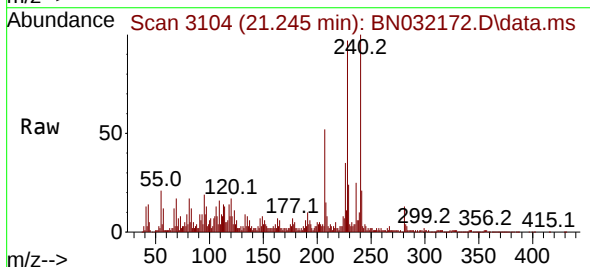
Tgt Ion:228 Resp: 276971

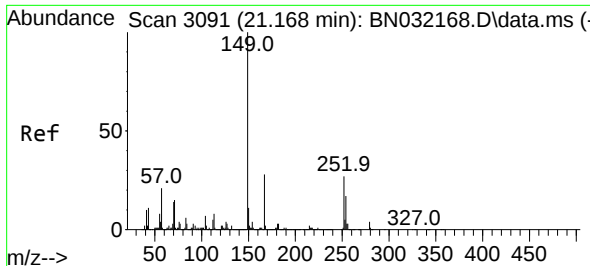
Ion Ratio Lower Upper

228 100

229 25.2 16.7 25.1#

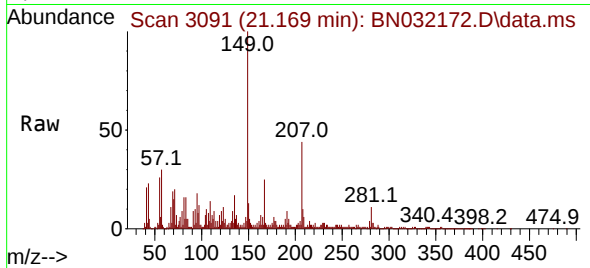
226 36.3 22.8 34.2#





#86
Bis(2-ethylhexyl)phthalate
Concen: 3.820 ng/ul
RT: 21.169 min Scan# 3091
Delta R.T. -0.006 min
Lab File: BN032172.D
Acq: 22 Jun 2024 18:33

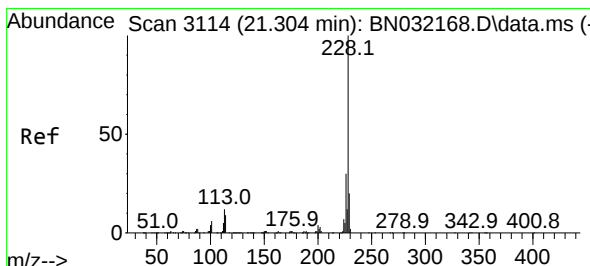
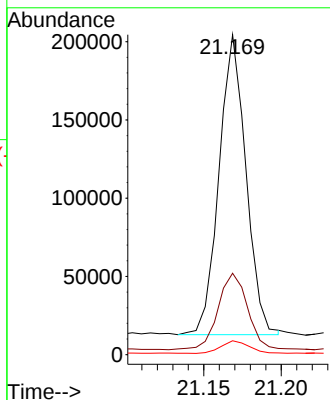
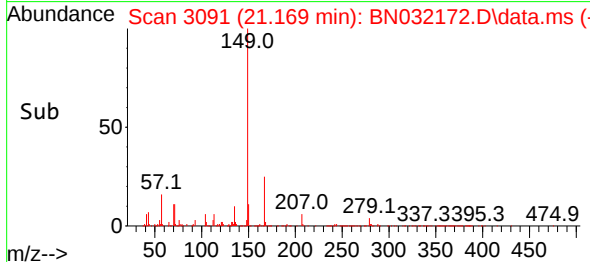
Instrument :
BNA_N
ClientSampleId :
C0AB2



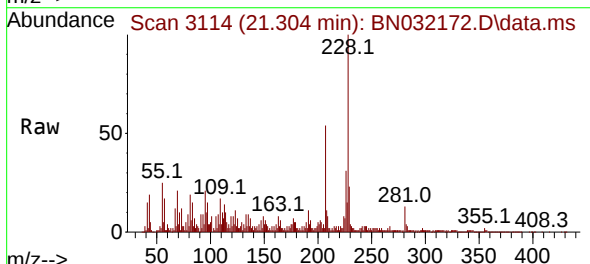
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Ion Ratio Lower Upper
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167 25.4 21.4 32.0
279 4.4 3.3 4.9

Manual Integrations
APPROVED

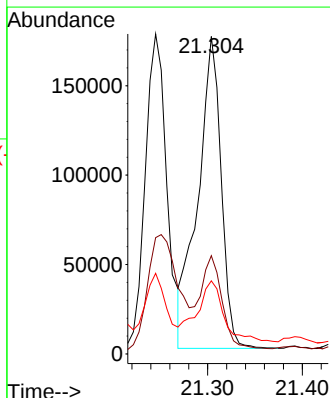
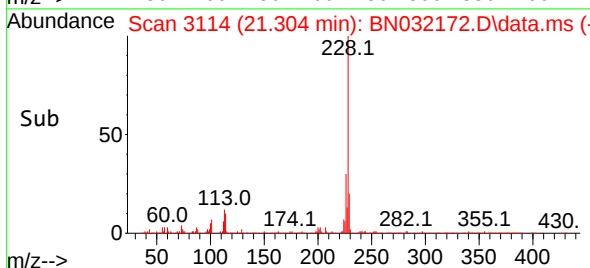
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/26/2024

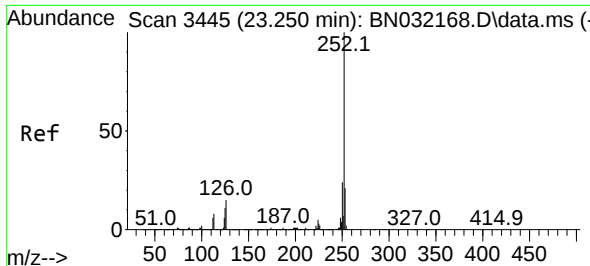


#87
Chrysene
Concen: 3.579 ng/ul
RT: 21.304 min Scan# 3114
Delta R.T. -0.006 min
Lab File: BN032172.D
Acq: 22 Jun 2024 18:33



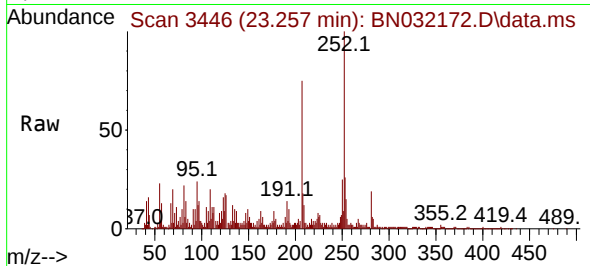
Tgt Ion:228 Resp: 299554
Ion Ratio Lower Upper
228 100
226 31.0 23.7 35.5
229 23.0 15.1 22.7#





#90
Benzo(b)fluoranthene
Concen: 4.576 ng/ul
RT: 23.257 min Scan# 3445
Delta R.T. -0.006 min
Lab File: BN032172.D
Acq: 22 Jun 2024 18:33

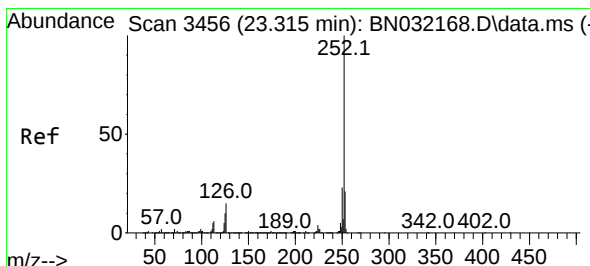
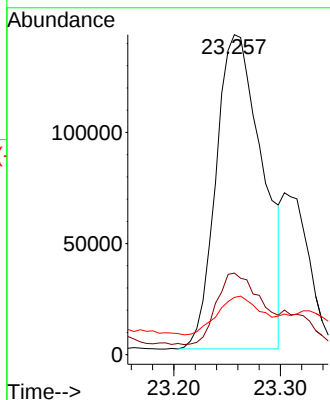
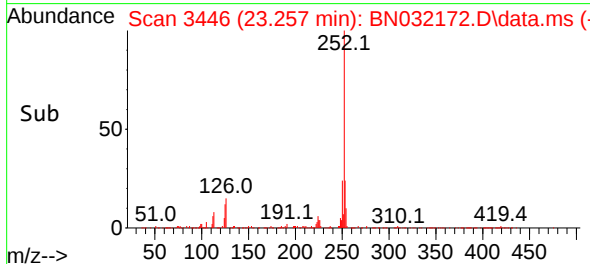
Instrument :
BNA_N
ClientSampleId :
C0AB2



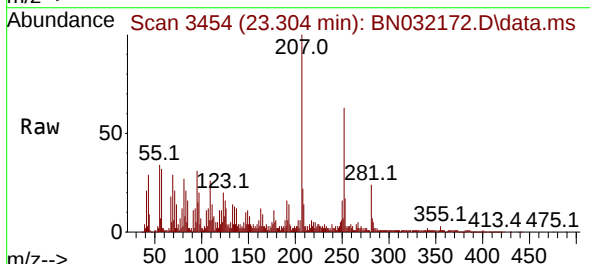
Tgt Ion:252 Resp: 428409
Ion Ratio Lower Upper
252 100
253 25.5 17.0 25.6
125 17.9 9.2 13.8

Manual Integrations
APPROVED

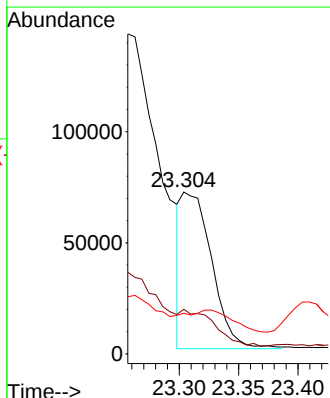
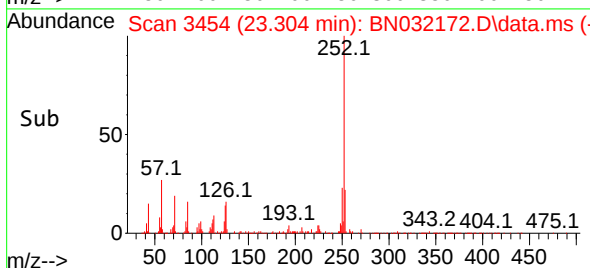
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/26/2024

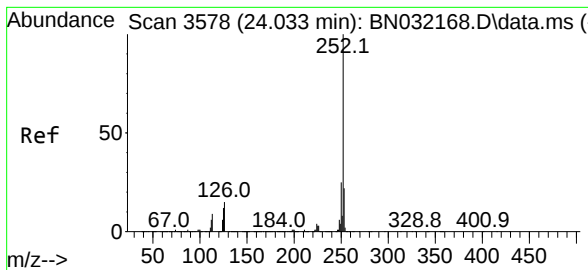


#91
Benzo(k)fluoranthene
Concen: 1.366 ng/ul m
RT: 23.304 min Scan# 3454
Delta R.T. -0.017 min
Lab File: BN032172.D
Acq: 22 Jun 2024 18:33



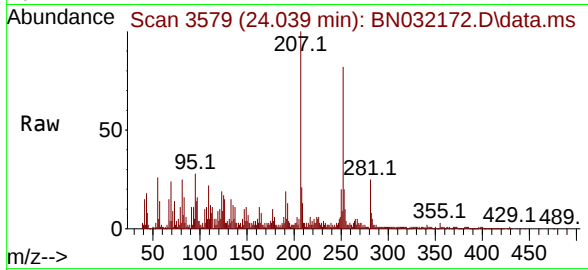
Tgt Ion:252 Resp: 125537
Ion Ratio Lower Upper
252 100
253 27.6 17.6 26.4#
125 25.1 9.4 14.2#





#93
Benzo(a)pyrene
Concen: 2.464 ng/u1
RT: 24.039 min Scan# 3578
Delta R.T. 0.000 min
Lab File: BN032172.D
Acq: 22 Jun 2024 18:33

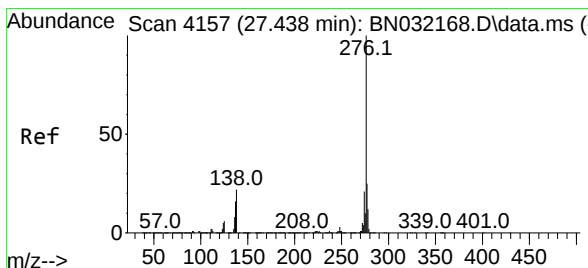
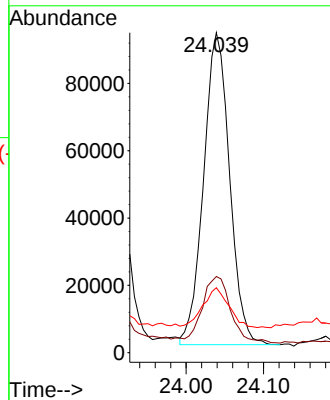
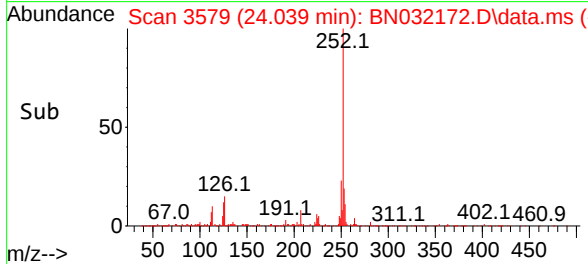
Instrument :
BNA_N
ClientSampleId :
C0AB2



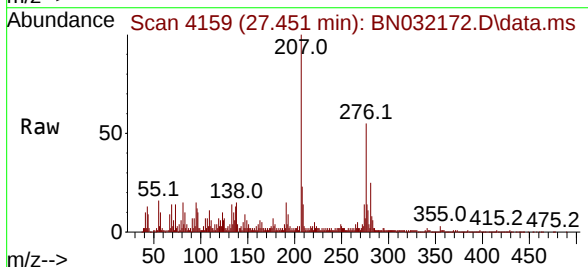
Tgt Ion:252 Resp: 216100
Ion Ratio Lower Upper
252 100
253 23.8 16.6 24.8
125 20.3 9.8 14.8

Manual Integrations
APPROVED

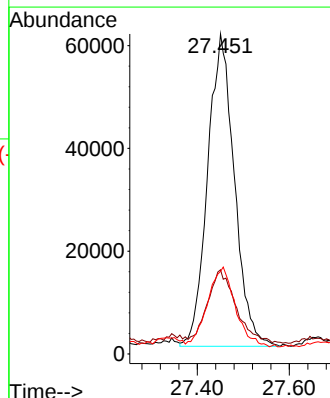
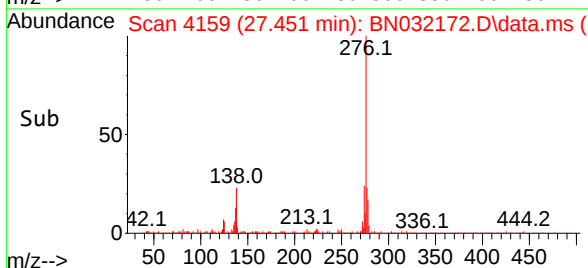
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/26/2024

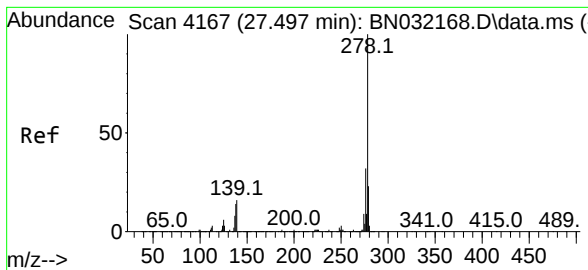


#94
Indeno(1,2,3-cd)pyrene
Concen: 2.427 ng/u1
RT: 27.451 min Scan# 4159
Delta R.T. 0.006 min
Lab File: BN032172.D
Acq: 22 Jun 2024 18:33



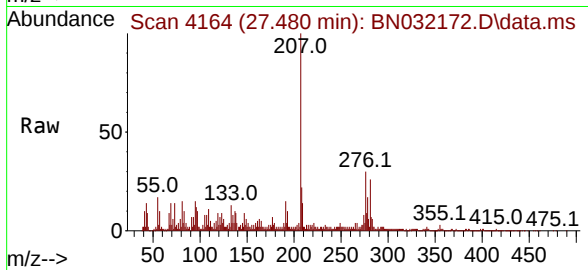
Tgt Ion:276 Resp: 245253
Ion Ratio Lower Upper
276 100
138 26.3 18.1 27.1
277 25.8 18.2 27.2





#95
 Dibenzo(a,h)anthracene
 Concen: 1.183 ng/ul m
 RT: 27.480 min Scan# 4164
 Delta R.T. -0.023 min
 Lab File: BN032172.D
 Acq: 22 Jun 2024 18:33

Instrument :
 BNA_N
 ClientSampleId :
 C0AB2



Tgt Ion: 278 Resp: 9757

Ion	Ratio	Lower	Upper
278	100		
139	24.8	15.0	22.6
279	36.5	17.4	26.0

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/24/2024
 Supervised By :mohammad ahmed 06/26/2024

