

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061424\
 Data File : BN032020.D
 Acq On : 15 Jun 2024 04:21
 Operator : MA/JU
 Sample : P2696-01
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4BJ1

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 06/17/2024
 Supervised By :mohammad ahmed 06/18/2024

Quant Time: Jun 15 05:00:47 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jun 11 22:28:10 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.652	152	286409	20.000	ng/u1	0.00
20) Naphthalene-d8	10.434	136	1196468	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.298	164	698901	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.051	188	1291568	20.000	ng/u1	0.00
79) Chrysene-d12	21.286	240	1142285	20.000	ng/u1	0.00
88) Perylene-d12	24.215	264	1404819	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.175	96	29518	4.264	ng/uL	0.00
4) Pyridine-d5	3.599	84	15540	0.797	ng/u1	0.02
7) Phenol-d5	6.828	99	624088	25.418	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.999	67	365822	25.472	ng/u1	0.00
11) 2-Chlorophenol-d4	7.187	132	517533	27.624	ng/u1	0.00
15) 4-Methylphenol-d8	8.363	113	488938	24.429	ng/u1	0.00
21) Nitrobenzene-d5	8.810	128	250934	27.430	ng/u1	0.00
24) 2-Nitrophenol-d4	9.528	143	264148	27.952	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.063	165	453105	25.683	ng/u1	0.00
31) 4-Chloroaniline-d4	10.581	131	562807	21.486	ng/u1	0.00
46) Dimethylphthalate-d6	13.716	166	1301362	26.728	ng/u1	0.00
49) Acenaphthylene-d8	13.992	160	1534894	27.416	ng/u1	0.00
54) 4-Nitrophenol-d4	14.522	143	195334	20.037	ng/u1	0.00
60) Fluorene-d10	15.292	176	1098741	26.670	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.428	200	116446	17.937	ng/u1	0.00
73) Anthracene-d10	17.145	188	1525223	27.583	ng/u1	0.00
81) Pyrene-d10	19.451	212	1482321	24.250	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.010	264	1191968	17.769	ng/u1	-0.01
Target Compounds						
					Qvalue	
8) Phenol	6.858	94	26354	1.055	ng/u1#	92
16) Acetophenone	8.475	105	30510	1.006	ng/u1	96
52) Acenaphthene	14.363	153	144398	3.449	ng/u1	96
61) Fluorene	15.351	166	154743	3.378	ng/u1	99
72) Phenanthrene	17.092	178	3029012	46.038	ng/u1	100
74) Anthracene	17.181	178	433801	6.507	ng/u1	98
77) Carbazole	17.457	167	95408	1.678	ng/u1	98
80) Fluoranthene	19.116	202	2541472	34.790	ng/u1	98
82) Pyrene	19.480	202	2449337	32.679	ng/u1	97
85) Benzo(a)anthracene	21.269	228	1156731	15.129	ng/u1	98
87) Chrysene	21.327	228	1191125	16.678	ng/u1	96
90) Benzo(b)fluoranthene	23.286	252	1074074	12.791	ng/u1	98
91) Benzo(k)fluoranthene	23.339	252	366276	4.445	ng/u1	99
93) Benzo(a)pyrene	24.074	252	455535	5.792	ng/u1	99
94) Indeno(1,2,3-cd)pyrene	27.504	276	324231	3.578	ng/u1	97
95) Dibenzo(a,h)anthracene	27.545	278	130359m	1.762	ng/u1	

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

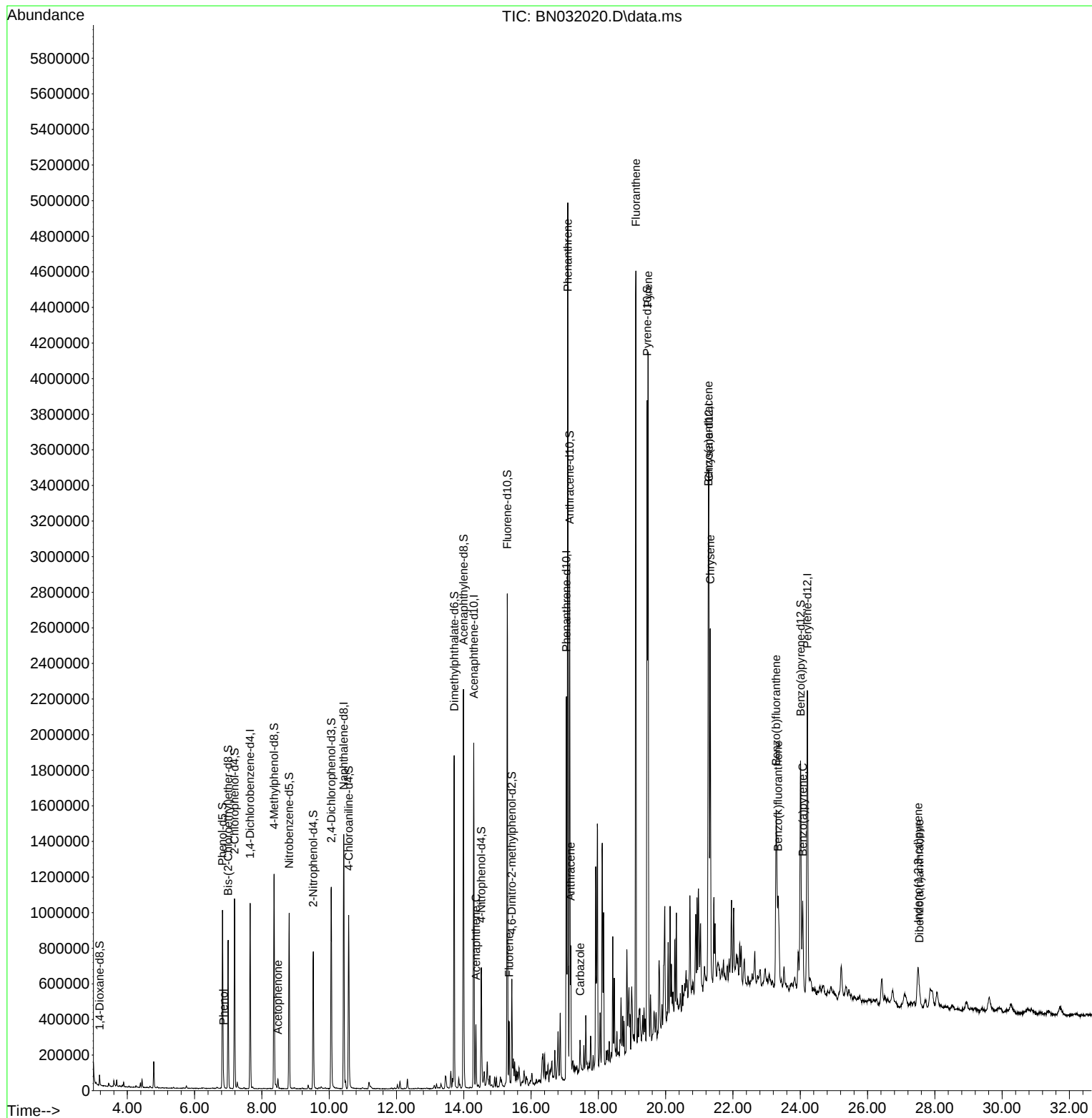
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061424\
Data File : BN032020.D
Acq On : 15 Jun 2024 04:21
Operator : MA/JU
Sample : P2696-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

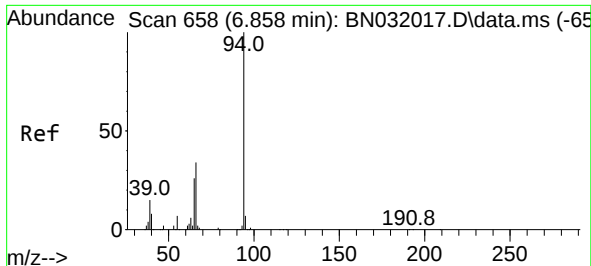
Instrument :
BNA_N
ClientSampleId :
A4BJ1

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 06/17/2024
Supervised By :mohammad ahmed 06/18/2024

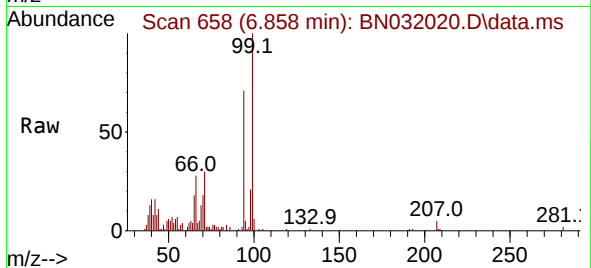
Quant Time: Jun 15 05:00:47 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 11 22:28:10 2024
Response via : Initial Calibration





#8
Phenol
Concen: 1.055 ng/u1
RT: 6.858 min Scan# 658
Delta R.T. -0.006 min
Lab File: BN032020.D
Acq: 15 Jun 2024 04:21

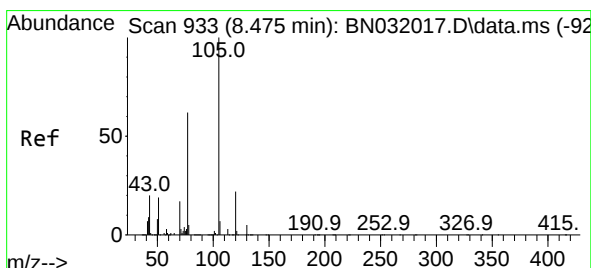
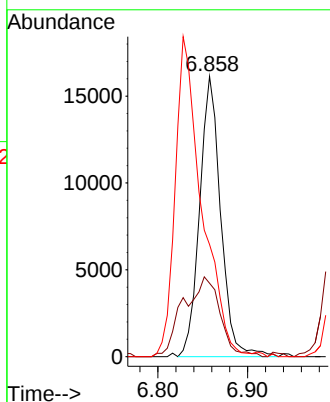
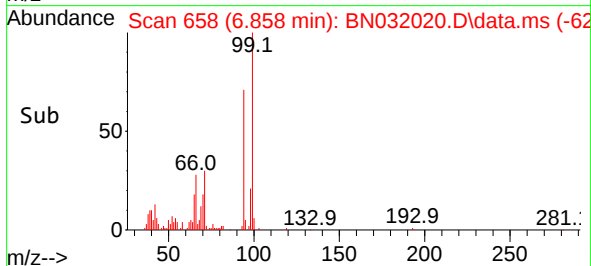
Instrument :
BNA_N
ClientSampleId :
A4BJ1



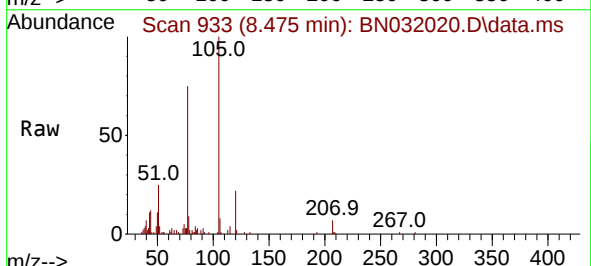
Tgt Ion: 94 Resp: 26354
Ion Ratio Lower Upper
94 100
65 26.2 20.3 30.5
66 40.0 25.8 38.8

Manual Integrations
APPROVED

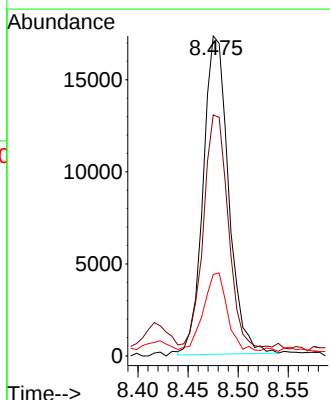
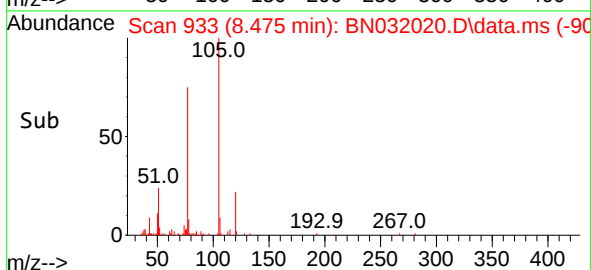
Reviewed By :Jagrut Upadhyay 06/17/2024
Supervised By :mohammad ahmed 06/18/2024

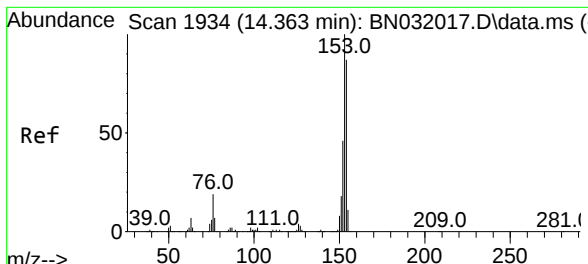


#16
Acetophenone
Concen: 1.006 ng/u1
RT: 8.475 min Scan# 933
Delta R.T. -0.006 min
Lab File: BN032020.D
Acq: 15 Jun 2024 04:21



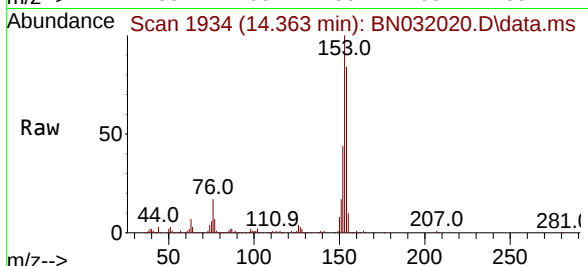
Tgt Ion:105 Resp: 30510
Ion Ratio Lower Upper
105 100
77 75.4 58.6 87.8
51 25.5 17.2 25.8





#52
 Acenaphthene
 Concen: 3.449 ng/ul
 RT: 14.363 min Scan# 1934
 Delta R.T. -0.006 min
 Lab File: BN032020.D
 Acq: 15 Jun 2024 04:21

Instrument :
 BNA_N
 ClientSampleId :
 A4BJ1

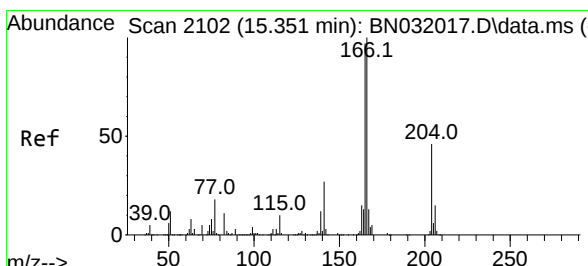
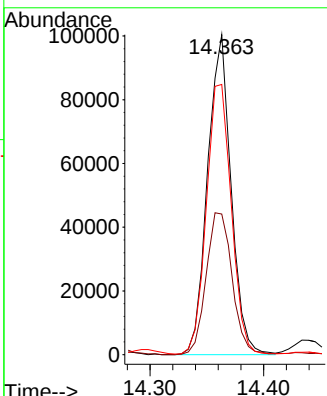
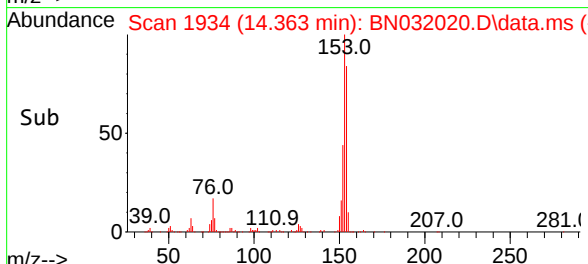


Tgt Ion:153 Resp: 144398

Ion	Ratio	Lower	Upper
153	100		
152	43.9	37.8	56.6
154	84.4	69.8	104.8

Manual Integrations
 APPROVED

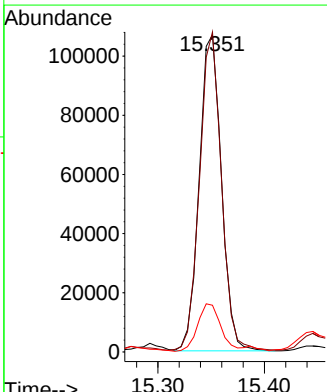
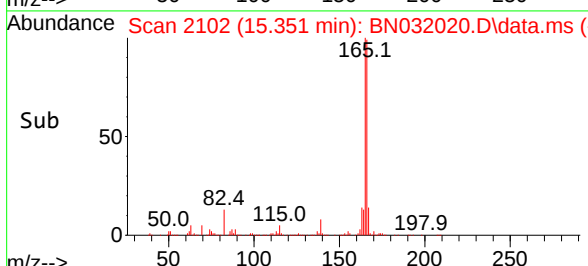
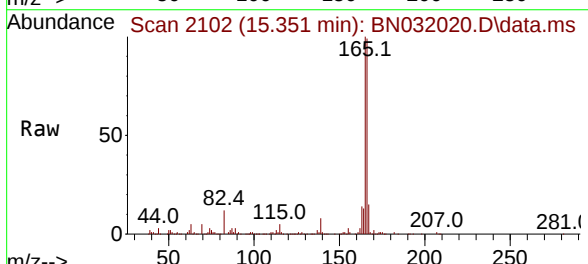
Reviewed By :Jagrut Upadhyay 06/17/2024
 Supervised By :mohammad ahmed 06/18/2024

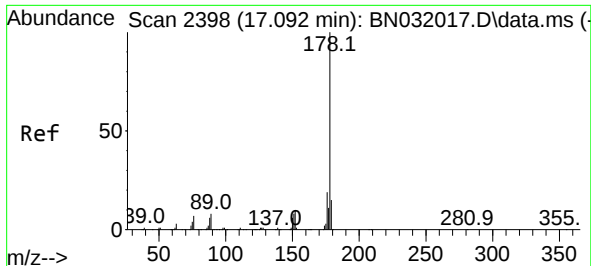


#61
 Fluorene
 Concen: 3.378 ng/ul
 RT: 15.351 min Scan# 2102
 Delta R.T. -0.006 min
 Lab File: BN032020.D
 Acq: 15 Jun 2024 04:21

Tgt Ion:166 Resp: 154743

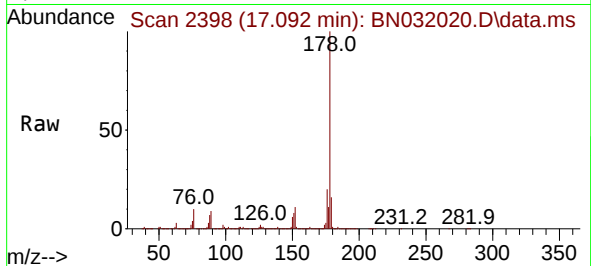
Ion	Ratio	Lower	Upper
166	100		
165	100.9	80.3	120.5
167	14.7	11.3	16.9





#72
Phenanthrene
Concen: 46.038 ng/u1
RT: 17.092 min Scan# 21
Delta R.T. -0.006 min
Lab File: BN032020.D
Acq: 15 Jun 2024 04:21

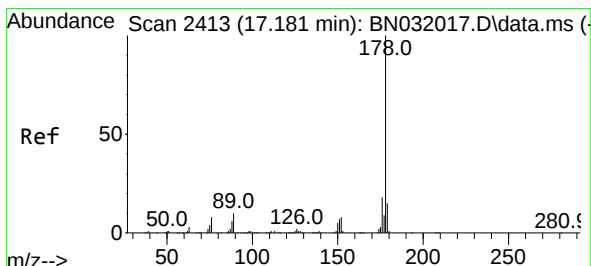
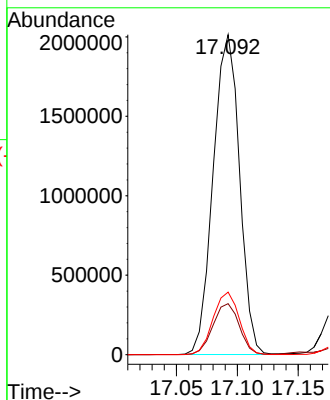
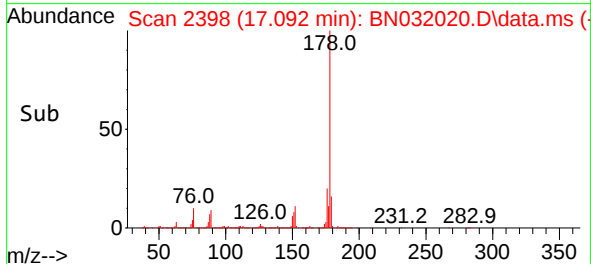
Instrument :
BNA_N
ClientSampleId :
A4BJ1



Tgt Ion:178 Resp: 302901
Ion Ratio Lower Upper
178 100
179 16.0 12.6 19.0
176 19.6 15.8 23.6

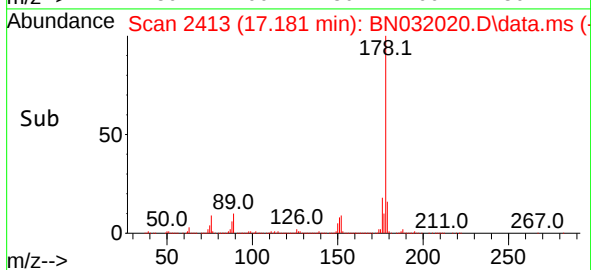
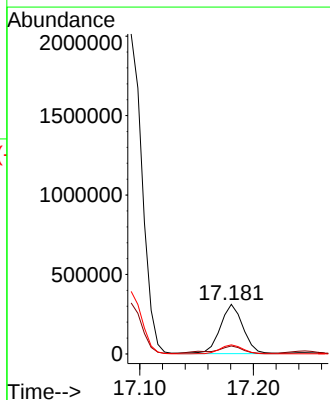
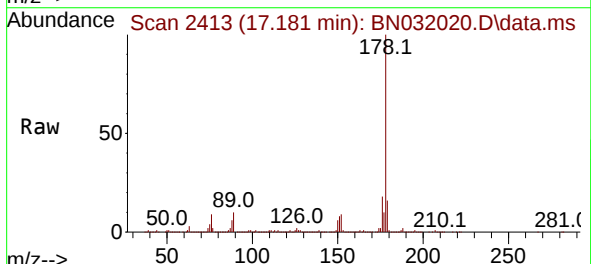
Manual Integrations
APPROVED

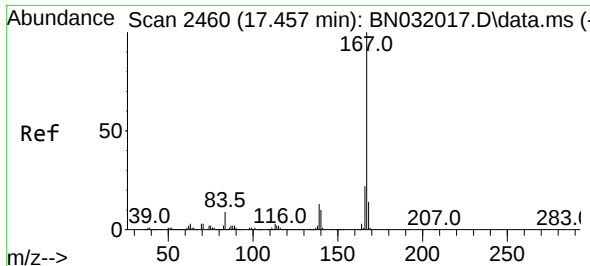
Reviewed By :Jagrut Upadhyay 06/17/2024
Supervised By :mohammad ahmed 06/18/2024



#74
Anthracene
Concen: 6.507 ng/u1
RT: 17.181 min Scan# 2413
Delta R.T. -0.006 min
Lab File: BN032020.D
Acq: 15 Jun 2024 04:21

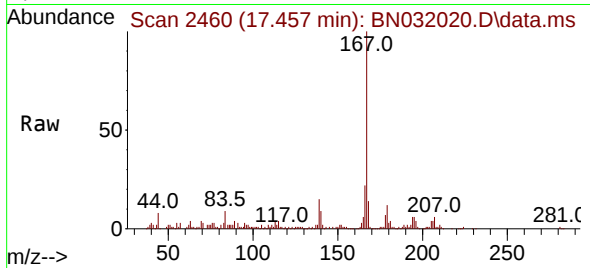
Tgt Ion:178 Resp: 433801
Ion Ratio Lower Upper
178 100
179 16.1 11.8 17.6
176 18.3 14.8 22.2





#77
 Carbazole
 Concen: 1.678 ng/ul
 RT: 17.457 min Scan# 2460
 Delta R.T. -0.006 min
 Lab File: BN032020.D
 Acq: 15 Jun 2024 04:21

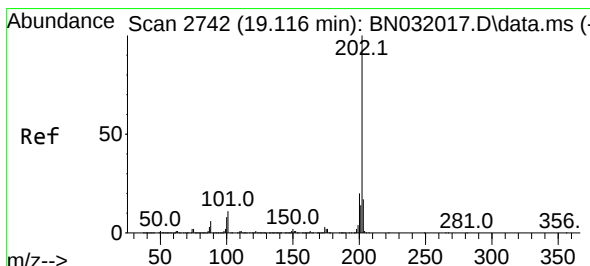
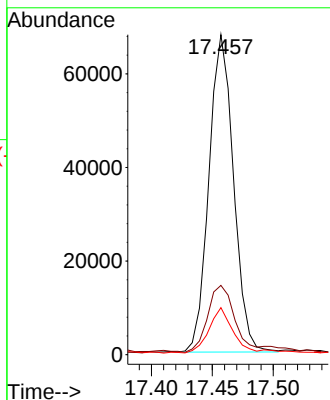
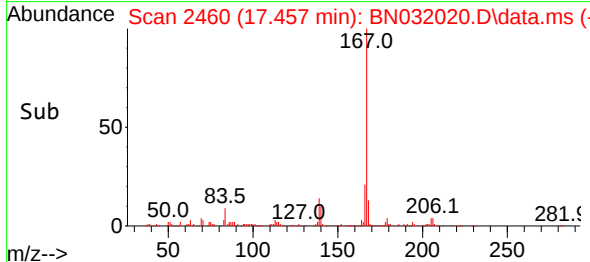
Instrument :
 BNA_N
 ClientSampleId :
 A4BJ1



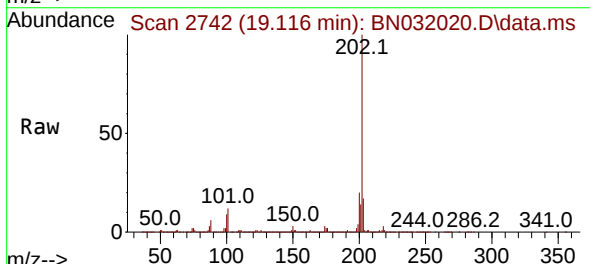
Tgt Ion:167 Resp: 95408
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.9 26.9
 139 14.7 10.5 15.7

Manual Integrations
 APPROVED

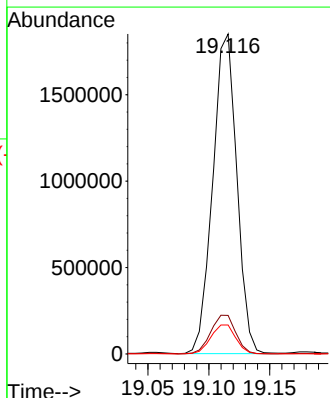
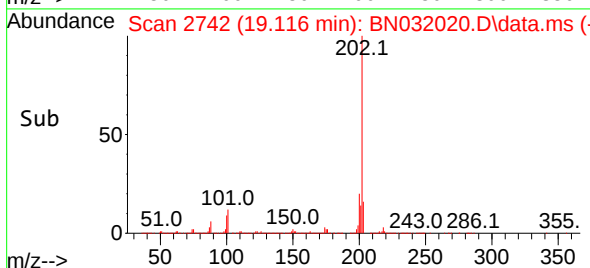
Reviewed By :Jagrut Upadhyay 06/17/2024
 Supervised By :mohammad ahmed 06/18/2024

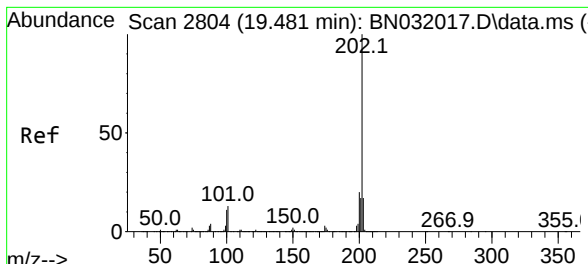


#80
 Fluoranthene
 Concen: 34.790 ng/ul
 RT: 19.116 min Scan# 2742
 Delta R.T. 0.000 min
 Lab File: BN032020.D
 Acq: 15 Jun 2024 04:21



Tgt Ion:202 Resp: 2541472
 Ion Ratio Lower Upper
 202 100
 101 12.1 10.3 15.5
 100 9.0 8.0 12.0





#82
 Pyrene
 Concen: 32.679 ng/ul
 RT: 19.480 min Scan# 2108
 Delta R.T. -0.006 min
 Lab File: BN032020.D
 Acq: 15 Jun 2024 04:21

Instrument :

BNA_N

ClientSampleId :

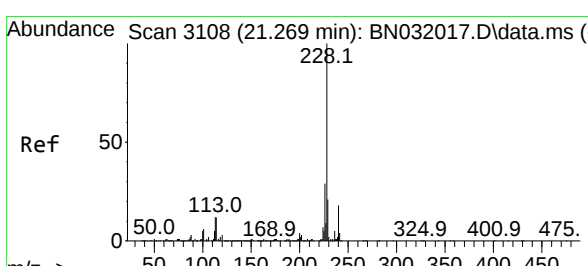
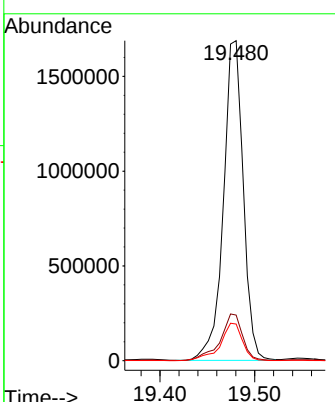
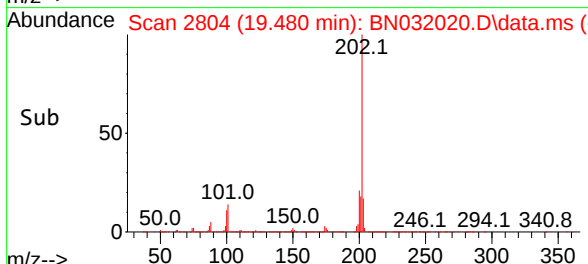
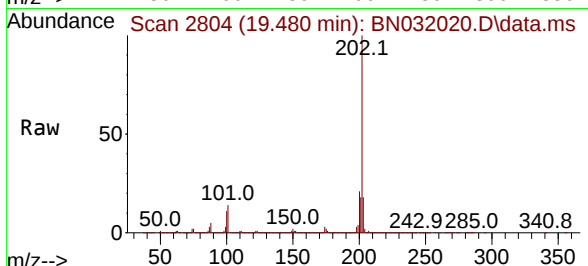
A4BJ1

Tgt Ion:202 Resp: 244933

Ion	Ratio	Lower	Upper
202	100		
101	14.2	12.6	18.8
100	11.4	10.2	15.2

Manual Integrations
 APPROVED

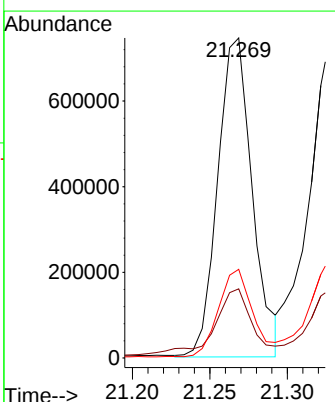
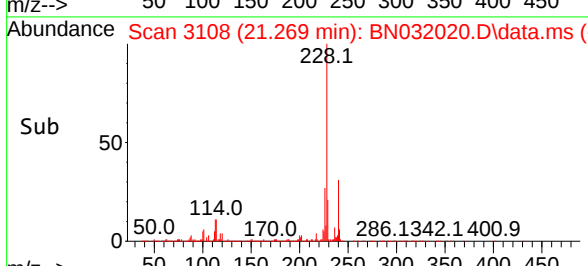
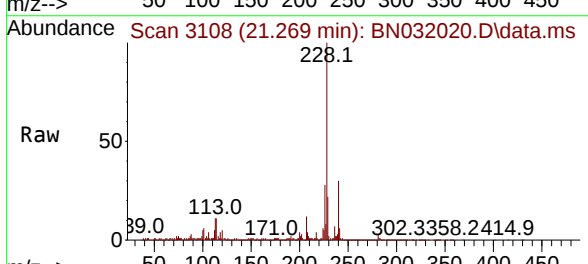
Reviewed By :Jagrut Upadhyay 06/17/2024
 Supervised By :mohammad ahmed 06/18/2024

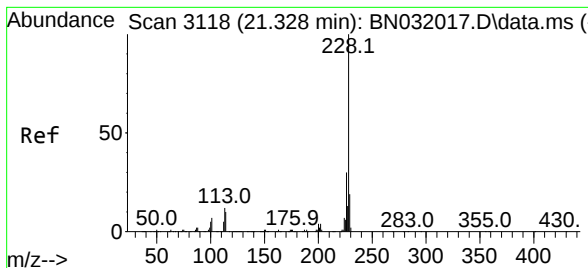


#85
 Benzo(a)anthracene
 Concen: 15.129 ng/ul
 RT: 21.269 min Scan# 3108
 Delta R.T. -0.006 min
 Lab File: BN032020.D
 Acq: 15 Jun 2024 04:21

Tgt Ion:228 Resp: 1156731

Ion	Ratio	Lower	Upper
228	100		
229	21.6	16.7	25.1
226	27.7	22.8	34.2





#87

Chrysene

Concen: 16.678 ng/ul

RT: 21.327 min Scan# 3118

Delta R.T. -0.006 min

Lab File: BN032020.D

Acq: 15 Jun 2024 04:21

Instrument :

BNA_N

ClientSampleId :

A4BJ1

Tgt Ion:228 Resp: 119112

Ion Ratio Lower Upper

228 100

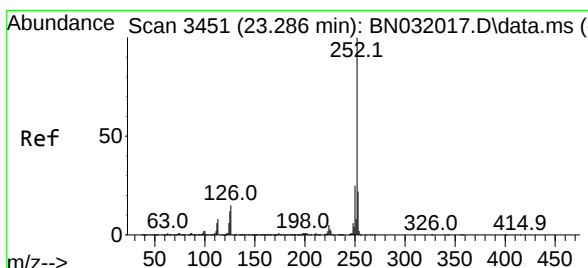
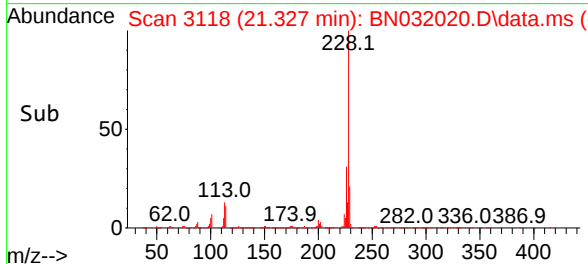
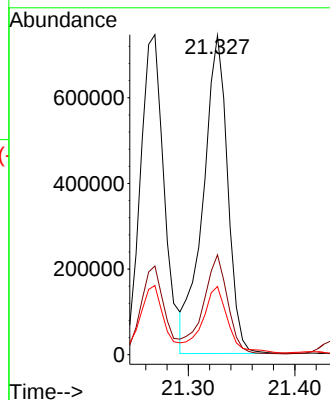
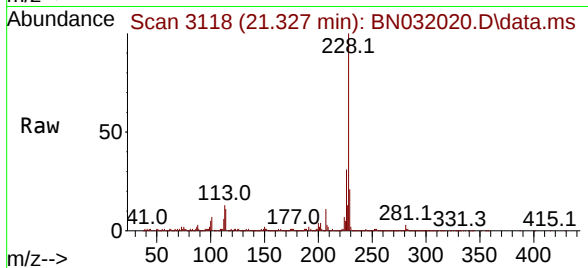
226 31.3 23.7 35.5

229 21.4 15.1 22.7

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 06/17/2024
Supervised By :mohammad ahmed 06/18/2024



#90

Benzo(b)fluoranthene

Concen: 12.791 ng/ul

RT: 23.286 min Scan# 3451

Delta R.T. -0.006 min

Lab File: BN032020.D

Acq: 15 Jun 2024 04:21

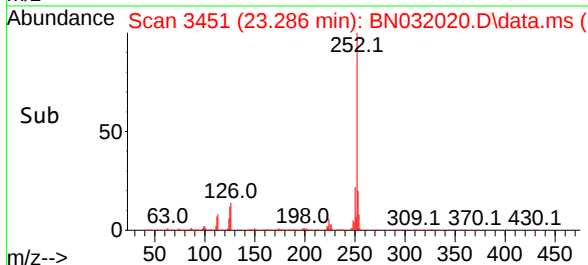
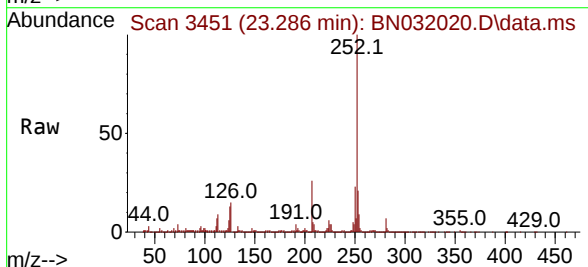
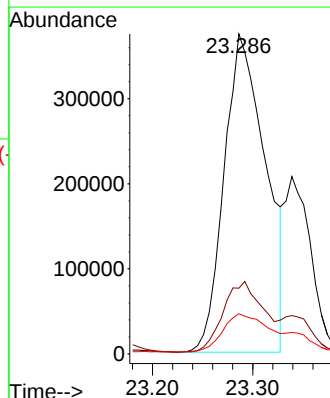
Tgt Ion:252 Resp: 1074074

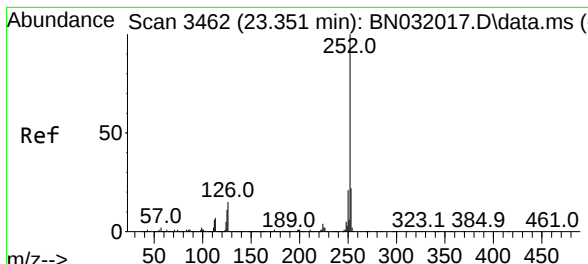
Ion Ratio Lower Upper

252 100

253 20.6 17.0 25.6

125 12.5 9.2 13.8





#91
 Benzo(k)fluoranthene
 Concen: 4.445 ng/ul
 RT: 23.339 min Scan# 3460
 Delta R.T. -0.012 min
 Lab File: BN032020.D
 Acq: 15 Jun 2024 04:21

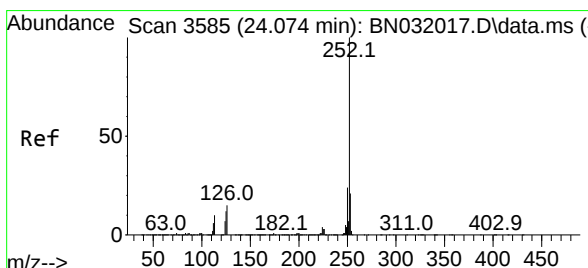
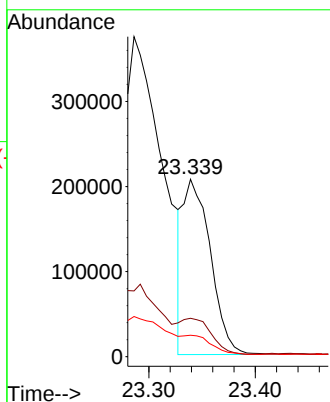
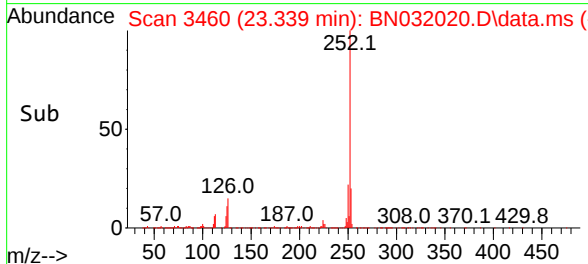
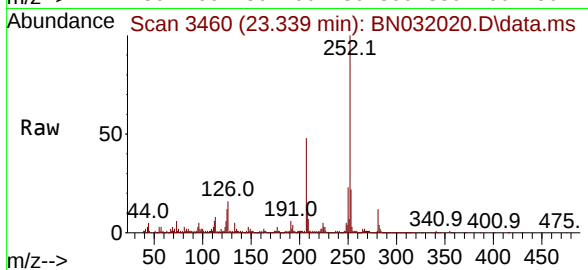
Instrument :
 BNA_N
 ClientSampleId :
 A4BJ1

Tgt Ion:252 Resp: 366270

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.6	26.4
125	12.1	9.4	14.2

Manual Integrations
 APPROVED

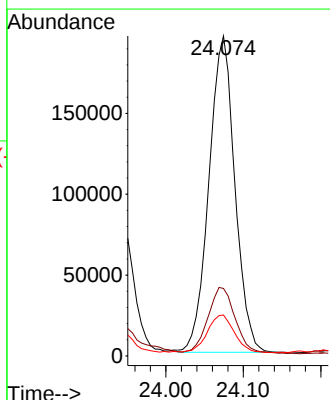
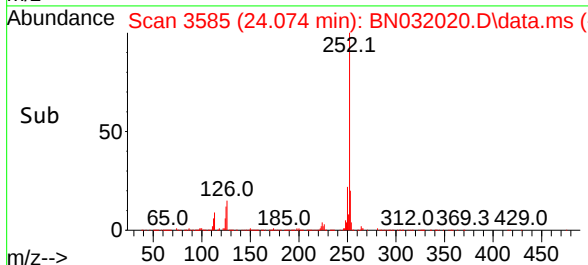
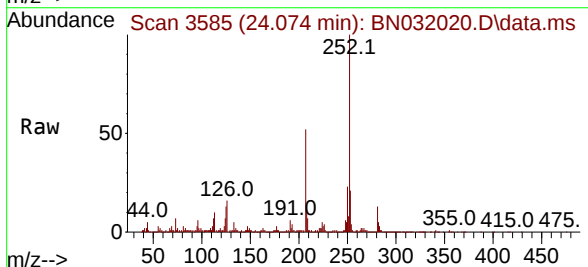
Reviewed By :Jagrut Upadhyay 06/17/2024
 Supervised By :mohammad ahmed 06/18/2024

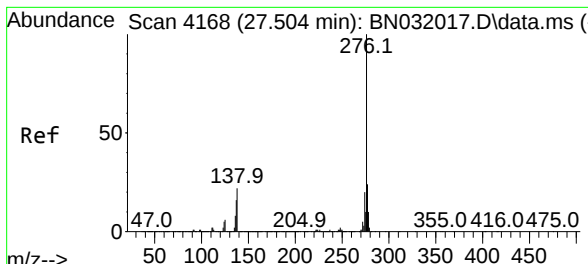


#93
 Benzo(a)pyrene
 Concen: 5.792 ng/ul
 RT: 24.074 min Scan# 3585
 Delta R.T. -0.006 min
 Lab File: BN032020.D
 Acq: 15 Jun 2024 04:21

Tgt Ion:252 Resp: 455535

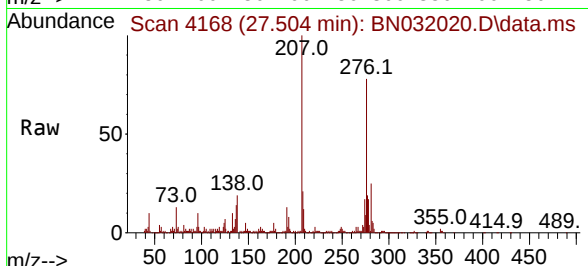
Ion	Ratio	Lower	Upper
252	100		
253	21.1	16.6	24.8
125	12.8	9.8	14.8





#94
 Indeno(1,2,3-cd)pyrene
 Concen: 3.578 ng/ul
 RT: 27.504 min Scan# 4168
 Delta R.T. -0.012 min
 Lab File: BN032020.D
 Acq: 15 Jun 2024 04:21

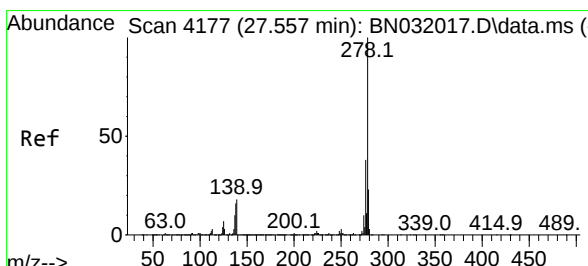
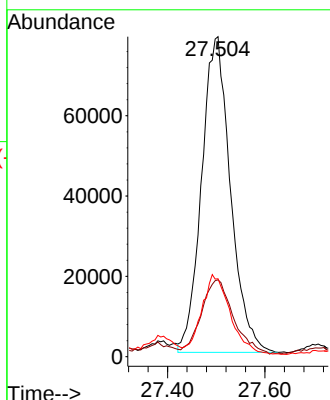
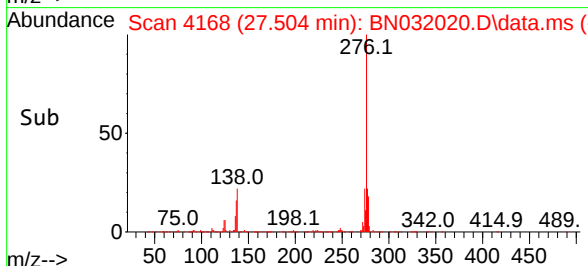
Instrument :
 BNA_N
 ClientSampleId :
 A4BJ1



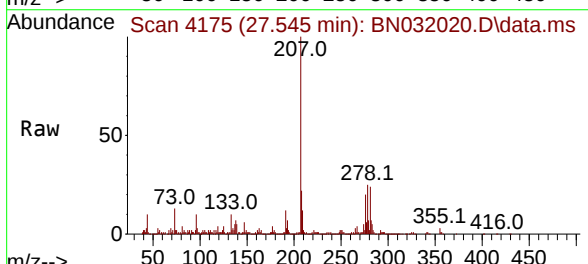
Tgt Ion: 276 Resp: 32423
 Ion Ratio Lower Upper
 276 100
 138 24.0 18.1 27.1
 277 24.4 18.2 27.2

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 06/17/2024
 Supervised By :mohammad ahmed 06/18/2024



#95
 Dibenzo(a,h)anthracene
 Concen: 1.762 ng/ul m
 RT: 27.545 min Scan# 4175
 Delta R.T. -0.035 min
 Lab File: BN032020.D
 Acq: 15 Jun 2024 04:21



Tgt Ion: 278 Resp: 130359
 Ion Ratio Lower Upper
 278 100
 139 20.7 15.0 22.6
 279 28.8 17.4 26.0#

