

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062024\
 Data File : BN032118.D
 Acq On : 21 Jun 2024 05:48
 Operator : MA/JU
 Sample : P2710-21
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4B87

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 06/21/2024
 Supervised By :mohammad ahmed 06/21/2024

Quant Time: Jun 21 06:18:11 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	7.634	152	398361	20.000	ng/u1	0.00
20) Naphthalene-d8	10.416	136	1799864	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.281	164	1210847	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.034	188	2515891	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.269	240	1591586	20.000	ng/u1	0.00
88) Perylene-d12	24.174	264	1639292	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.158	96	55654	5.780	ng/uL	0.00
4) Pyridine-d5	3.570	84	201323	7.427	ng/u1	0.00
7) Phenol-d5	6.816	99	1307848	38.296	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.981	67	704428	35.264	ng/u1	0.00
11) 2-Chlorophenol-d4	7.169	132	1134018	43.520	ng/u1	0.00
15) 4-Methylphenol-d8	8.346	113	1108910	39.834	ng/u1	0.00
21) Nitrobenzene-d5	8.793	128	581229	42.235	ng/u1	0.00
24) 2-Nitrophenol-d4	9.510	143	643701	45.281	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.040	165	1147591	43.241	ng/u1	0.00
31) 4-Chloroaniline-d4	10.563	131	959038	24.339	ng/u1	0.00
46) Dimethylphthalate-d6	13.698	166	3446527	40.858	ng/u1	0.00
49) Acenaphthylene-d8	13.975	160	4037963	41.631	ng/u1	0.00
54) 4-Nitrophenol-d4	14.504	143	576118	34.111	ng/u1	0.00
60) Fluorene-d10	15.275	176	2908235	40.746	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.416	200	441910	34.944	ng/u1	0.00
73) Anthracene-d10	17.134	188	4324907	40.153	ng/u1	0.00
81) Pyrene-d10	19.433	212	3722544	43.708	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.986	264	2120522	27.090	ng/u1	0.00
Target Compounds						
					Qvalue	
8) Phenol	6.840	94	59566	1.714	ng/u1	93
16) Acetophenone	8.463	105	54245	1.286	ng/u1	99
30) Naphthalene	10.463	128	187451	2.012	ng/u1	99
36) 2-Methylnaphthalene	12.081	142	83120	1.305	ng/u1	97
37) 1-Methylnaphthalene	12.304	142	73119	1.145	ng/u1	93
50) Acenaphthylene	13.998	152	188675	1.721	ng/u1	98
52) Acenaphthene	14.345	153	355152	4.897	ng/u1	99
56) Dibenzofuran	14.681	168	329647	3.345	ng/u1	98
61) Fluorene	15.334	166	467729	5.894	ng/u1	98
72) Phenanthrene	17.075	178	6373647	49.731	ng/u1	100
74) Anthracene	17.163	178	1437232	11.067	ng/u1	98
77) Carbazole	17.439	167	624758	5.642	ng/u1	99
78) Di-n-butylphthalate	18.004	149	240580	1.579	ng/u1	99
80) Fluoranthene	19.104	202	7911957	77.732	ng/u1	95
82) Pyrene	19.463	202	5797292	55.513	ng/u1	95
83) Butylbenzylphthalate	20.369	149	158593	3.215	ng/u1	93
85) Benzo(a)anthracene	21.251	228	3292442	30.906	ng/u1	99
86) Bis(2-ethylhexyl)phtha...	21.169	149	744089	10.349	ng/u1	98
87) Chrysene	21.310	228	3277872	32.941	ng/u1	97
90) Benzo(b)fluoranthene	23.268	252	3655528	37.307	ng/u1	99
91) Benzo(k)fluoranthene	23.316	252	1133468m	11.789	ng/u1	
93) Benzo(a)pyrene	24.045	252	1330307	14.496	ng/u1	98
94) Indeno(1,2,3-cd)pyrene	27.445	276	1101542	10.416	ng/u1	99
95) Dibenzo(a,h)anthracene	27.486	278	406907	4.713	ng/u1#	94

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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)
96) Benzo(g,h,i)perylene	28.468	276	140286m	1.669	ng/ul	

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

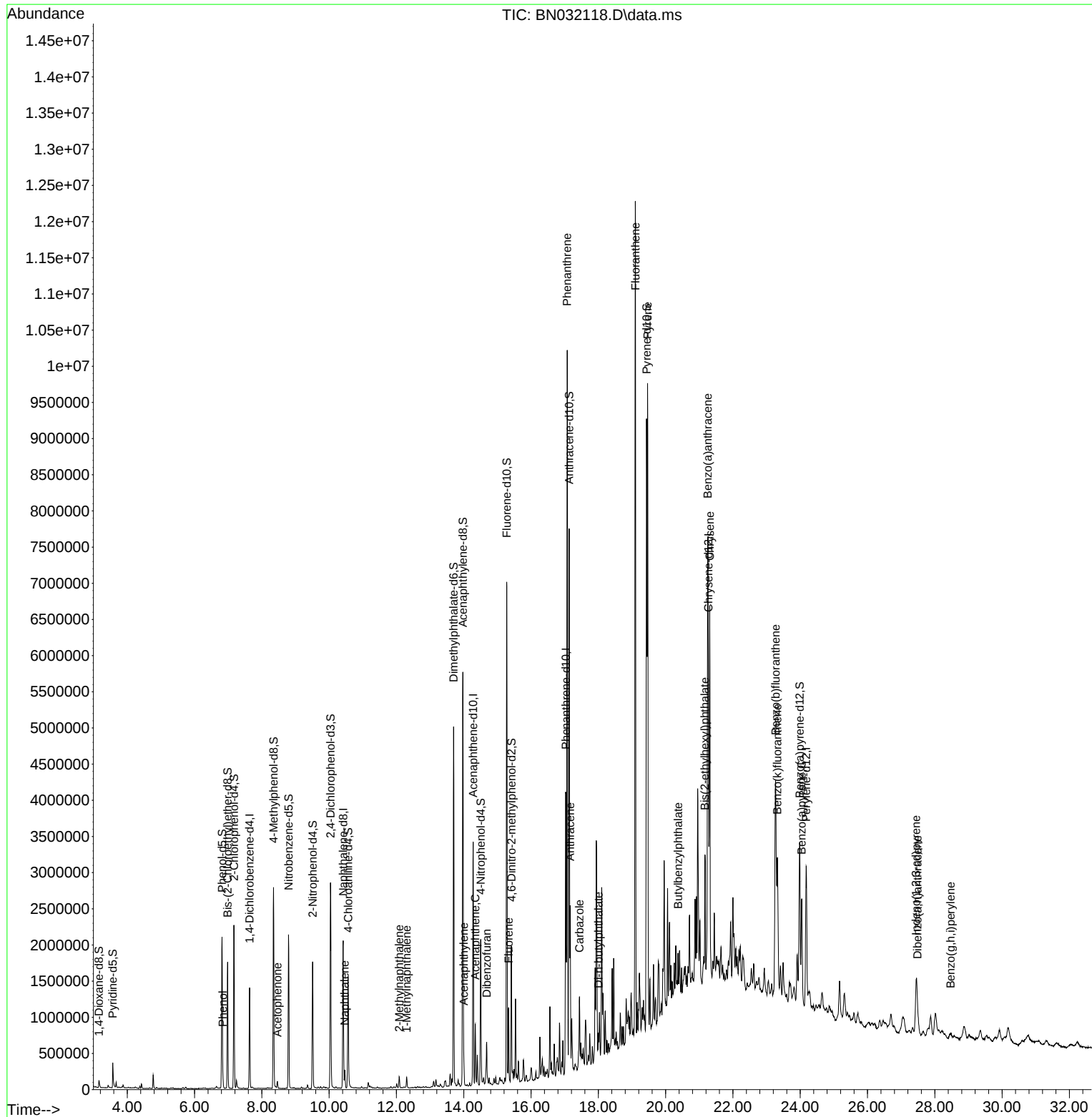
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Data File : BN032118.D
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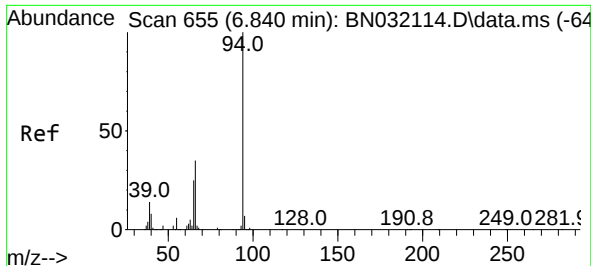
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Quant Time: Jun 21 06:18:11 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
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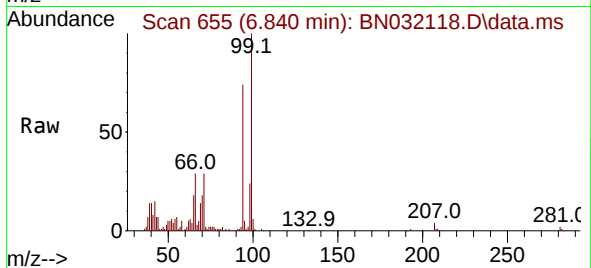
Reviewed By :Jagrut Upadhyay 06/21/2024
Supervised By :mohammad ahmed 06/21/2024





#8
Phenol
Concen: 1.714 ng/ul
RT: 6.840 min Scan# 611
Delta R.T. 0.000 min
Lab File: BN032118.D
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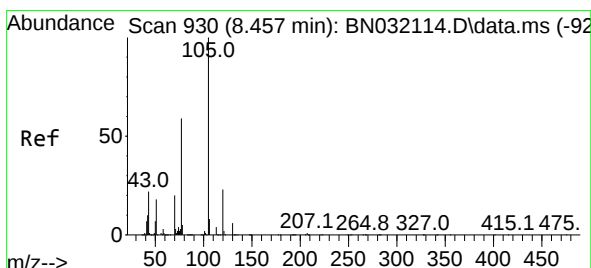
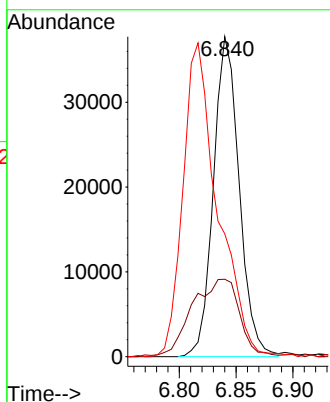
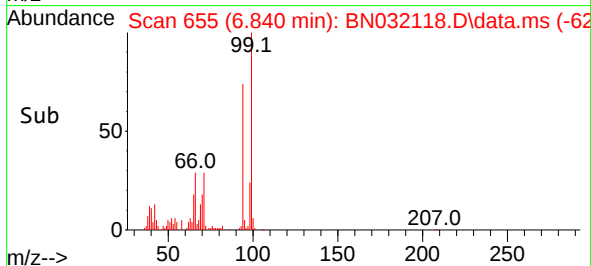
Instrument :
BNA_N
ClientSampleId :
A4B87



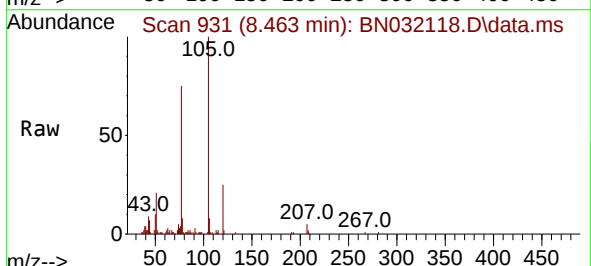
Tgt Ion: 94 Resp: 5956
Ion Ratio Lower Upper
94 100
65 24.2 20.3 30.5
66 38.4 25.8 38.8

Manual Integrations
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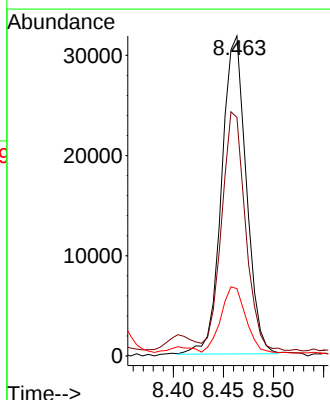
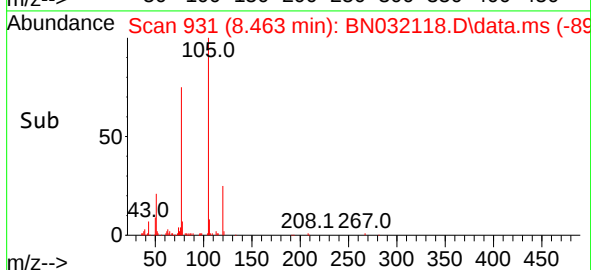
Reviewed By :Jagrut Upadhyay 06/21/2024
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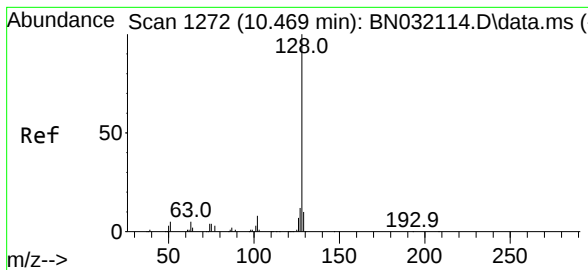


#16
Acetophenone
Concen: 1.286 ng/ul
RT: 8.463 min Scan# 931
Delta R.T. 0.000 min
Lab File: BN032118.D
Acq: 21 Jun 2024 05:48



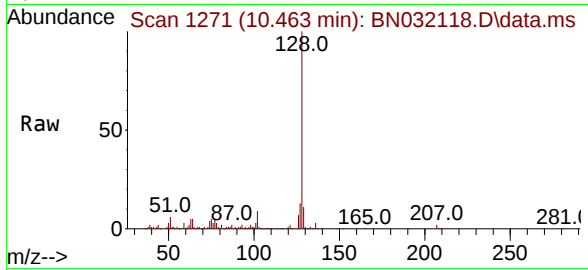
Tgt Ion:105 Resp: 54245
Ion Ratio Lower Upper
105 100
77 74.5 58.6 87.8
51 21.1 17.2 25.8





#30
Naphthalene
Concen: 2.012 ng/ul
RT: 10.463 min Scan# 11
Delta R.T. -0.006 min
Lab File: BN032118.D
Acq: 21 Jun 2024 05:48

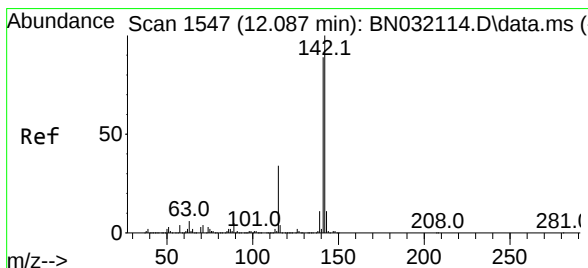
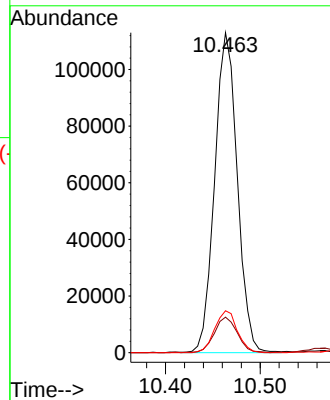
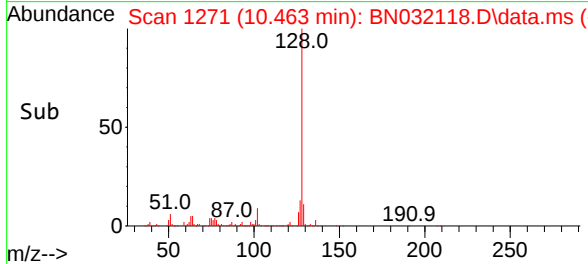
Instrument :
BNA_N
ClientSampleId :
A4B87



Tgt Ion:128 Resp: 18745
Ion Ratio Lower Upper
128 100
129 11.1 8.5 12.7
127 13.1 10.3 15.5

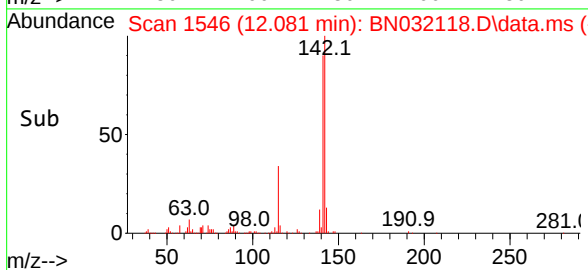
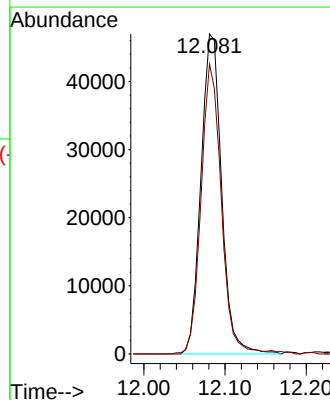
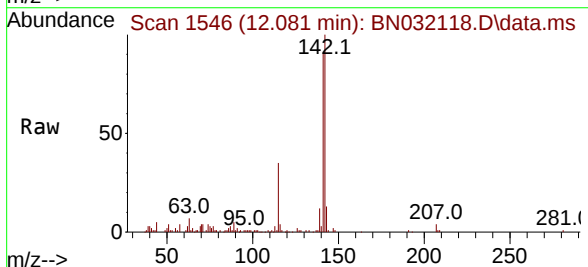
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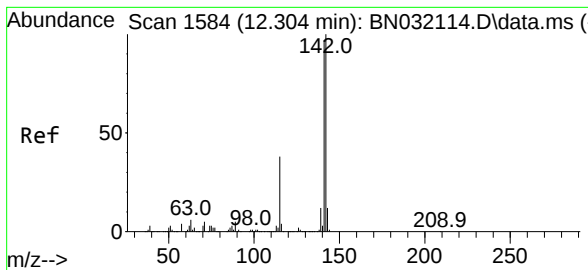
Reviewed By :Jagrut Upadhyay 06/21/2024
Supervised By :mohammad ahmed 06/21/2024



#36
2-Methylnaphthalene
Concen: 1.305 ng/ul
RT: 12.081 min Scan# 1546
Delta R.T. -0.006 min
Lab File: BN032118.D
Acq: 21 Jun 2024 05:48

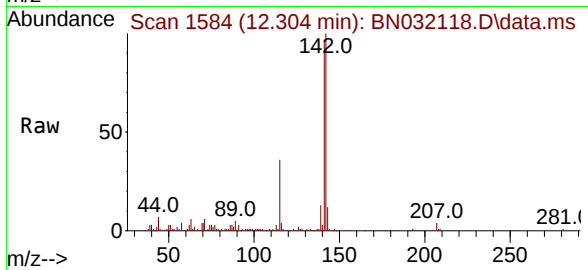
Tgt Ion:142 Resp: 83120
Ion Ratio Lower Upper
142 100
141 90.6 70.1 105.1





#37
1-Methylnaphthalene
Concen: 1.145 ng/ul
RT: 12.304 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN032118.D
Acq: 21 Jun 2024 05:48

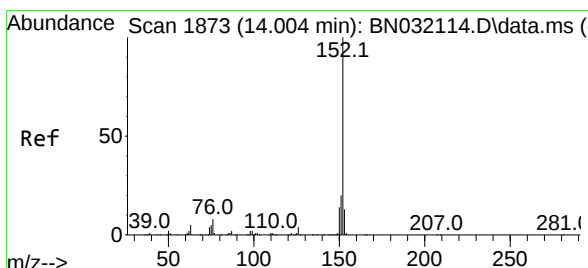
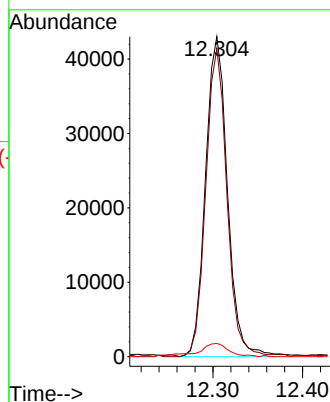
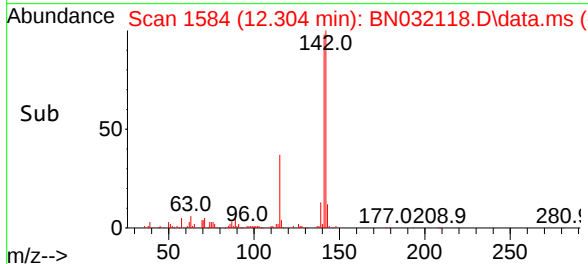
Instrument :
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ClientSampleId :
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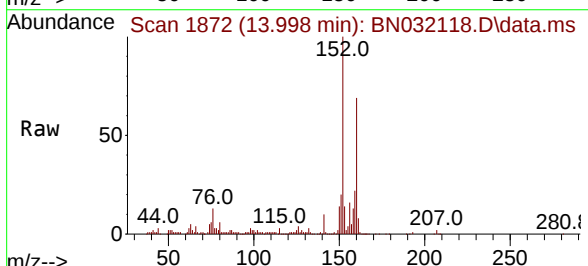
Tgt Ion:142 Resp: 73119
Ion Ratio Lower Upper
142 100
141 96.4 71.7 107.5
116 4.2 3.0 4.4

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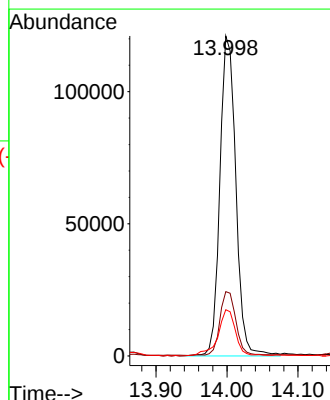
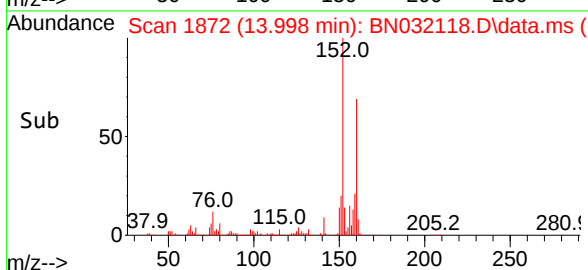
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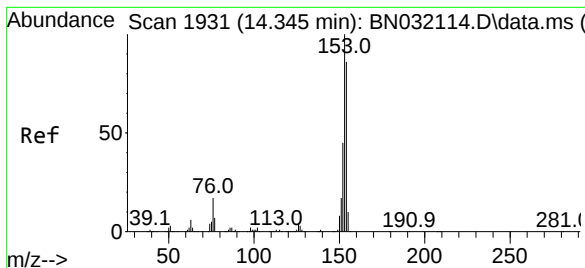


#50
Acenaphthylene
Concen: 1.721 ng/ul
RT: 13.998 min Scan# 1872
Delta R.T. -0.006 min
Lab File: BN032118.D
Acq: 21 Jun 2024 05:48



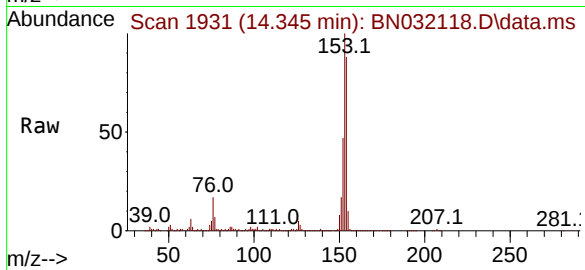
Tgt Ion:152 Resp: 188675
Ion Ratio Lower Upper
152 100
151 20.1 15.9 23.9
153 14.4 10.4 15.6





#52
Acenaphthene
Concen: 4.897 ng/u1
RT: 14.345 min Scan# 1931
Delta R.T. 0.000 min
Lab File: BN032118.D
Acq: 21 Jun 2024 05:48

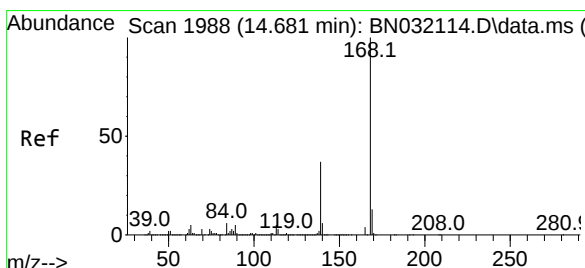
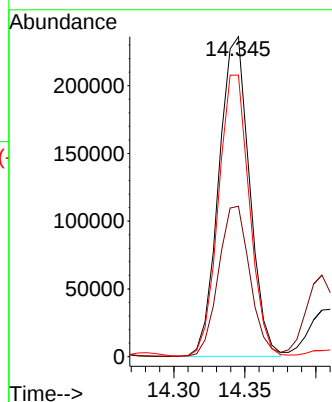
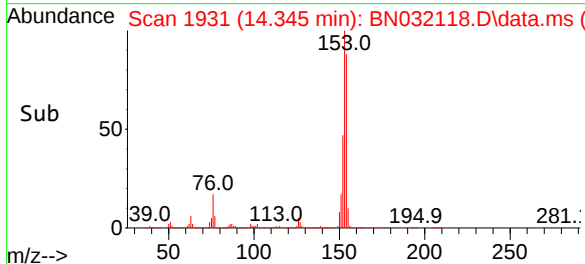
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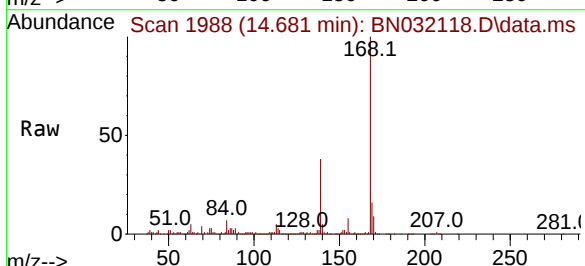
Tgt Ion:153 Resp: 355152
Ion Ratio Lower Upper
153 100
152 47.0 37.8 56.6
154 88.0 69.8 104.8

Manual Integrations
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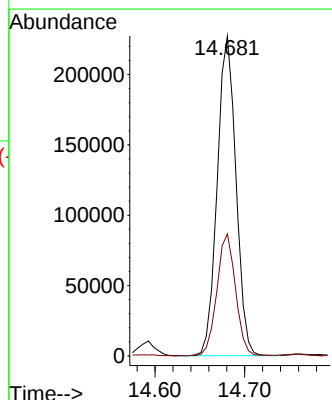
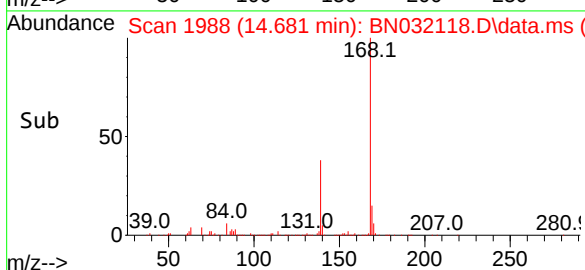
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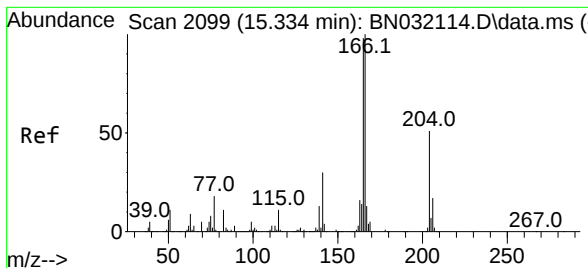


#56
Dibenzofuran
Concen: 3.345 ng/u1
RT: 14.681 min Scan# 1988
Delta R.T. 0.000 min
Lab File: BN032118.D
Acq: 21 Jun 2024 05:48



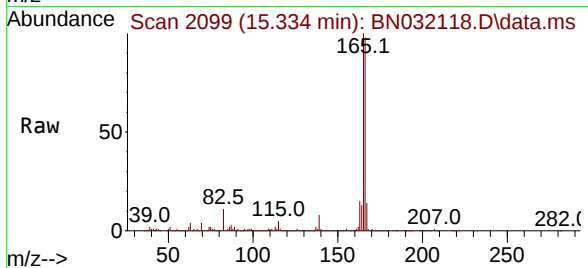
Tgt Ion:168 Resp: 329647
Ion Ratio Lower Upper
168 100
139 38.1 29.4 44.0





#61
Fluorene
Concen: 5.894 ng/u1
RT: 15.334 min Scan# 2099
Delta R.T. 0.000 min
Lab File: BN032118.D
Acq: 21 Jun 2024 05:48

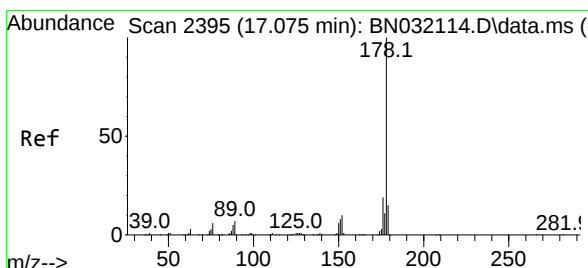
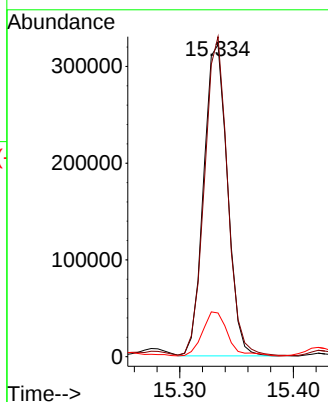
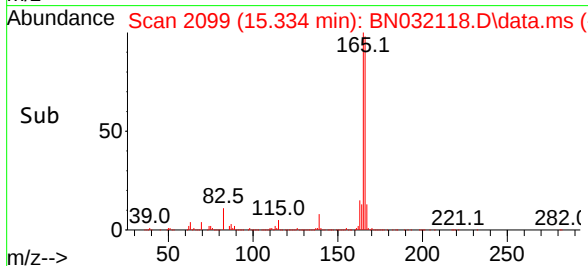
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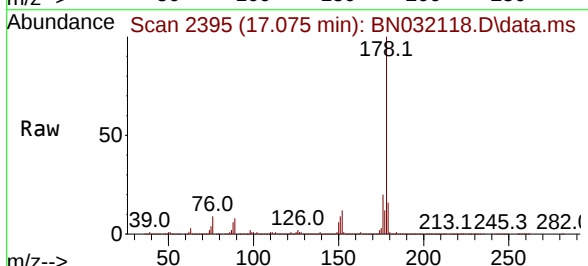
Tgt Ion:166 Resp: 467729
Ion Ratio Lower Upper
166 100
165 102.5 80.3 120.5
167 14.0 11.3 16.9

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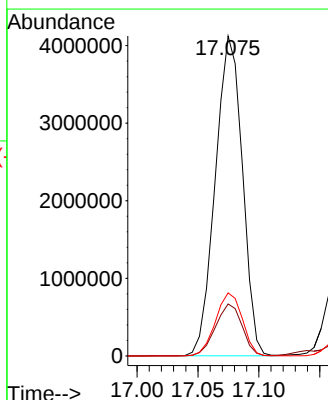
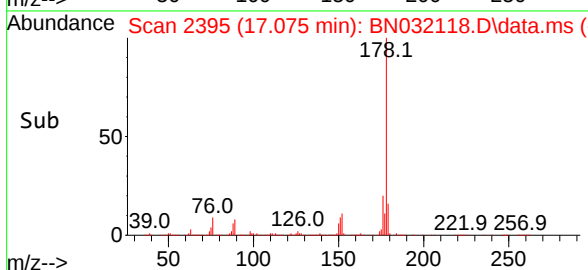
Reviewed By :Jagrut Upadhyay 06/21/2024
Supervised By :mohammad ahmed 06/21/2024

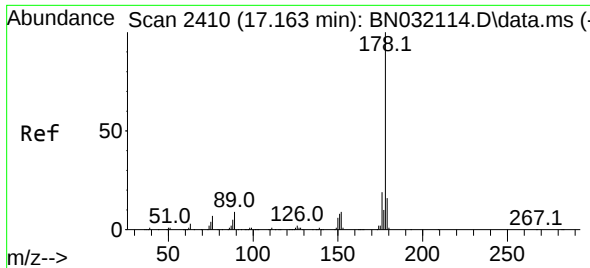


#72
Phenanthrene
Concen: 49.731 ng/u1
RT: 17.075 min Scan# 2395
Delta R.T. 0.000 min
Lab File: BN032118.D
Acq: 21 Jun 2024 05:48



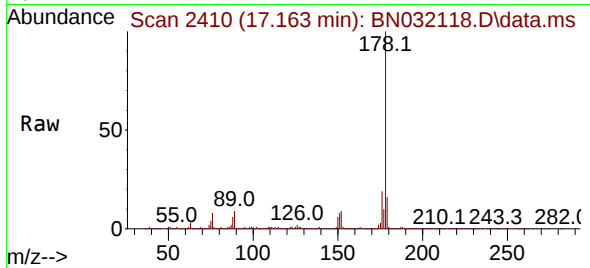
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Ion Ratio Lower Upper
178 100
179 16.2 12.6 19.0
176 19.7 15.8 23.6





#74
 Anthracene
 Concen: 11.067 ng/ul
 RT: 17.163 min Scan# 2410
 Delta R.T. 0.000 min
 Lab File: BN032118.D
 Acq: 21 Jun 2024 05:48

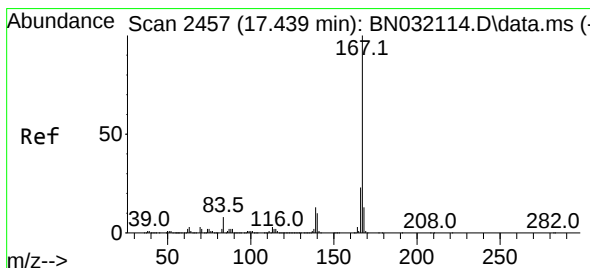
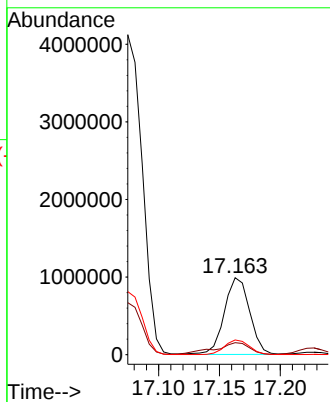
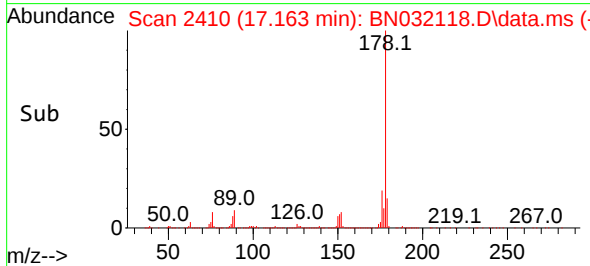
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Tgt Ion:178 Resp: 143723
 Ion Ratio Lower Upper
 178 100
 179 15.5 11.8 17.6
 176 19.2 14.8 22.2

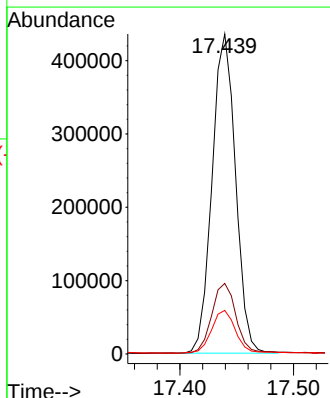
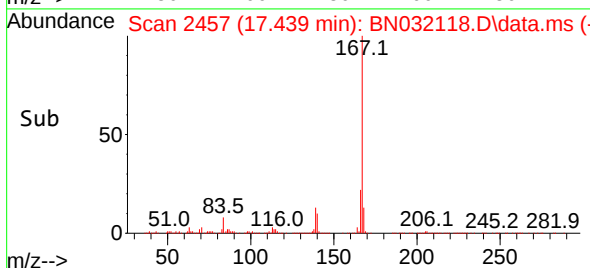
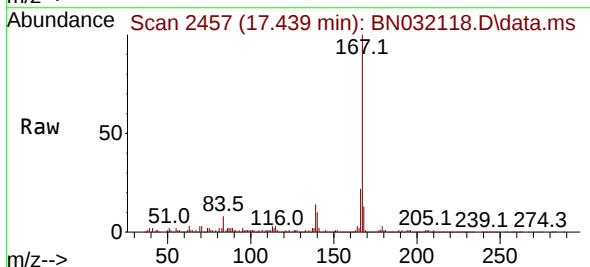
Manual Integrations
 APPROVED

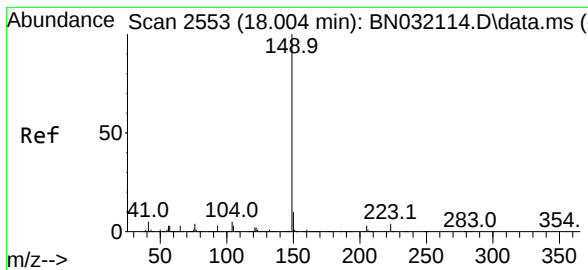
Reviewed By :Jagrut Upadhyay 06/21/2024
 Supervised By :mohammad ahmed 06/21/2024



#77
 Carbazole
 Concen: 5.642 ng/ul
 RT: 17.439 min Scan# 2457
 Delta R.T. 0.000 min
 Lab File: BN032118.D
 Acq: 21 Jun 2024 05:48

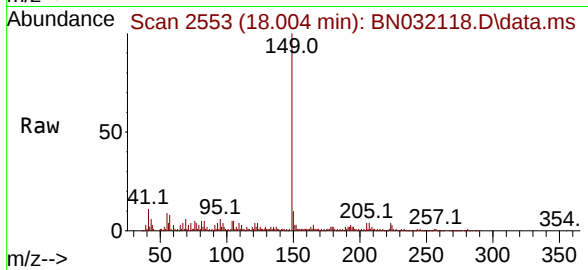
Tgt Ion:167 Resp: 624758
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.9 26.9
 139 13.6 10.5 15.7





#78
Di-n-butylphthalate
Concen: 1.579 ng/ul
RT: 18.004 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN032118.D
Acq: 21 Jun 2024 05:48

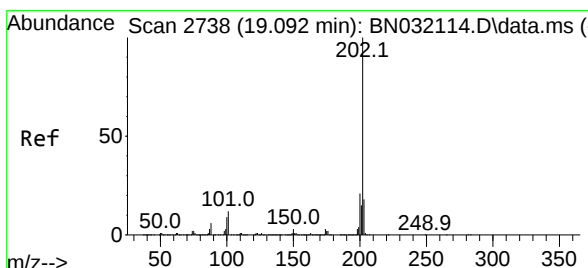
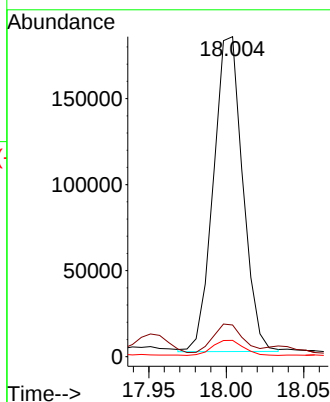
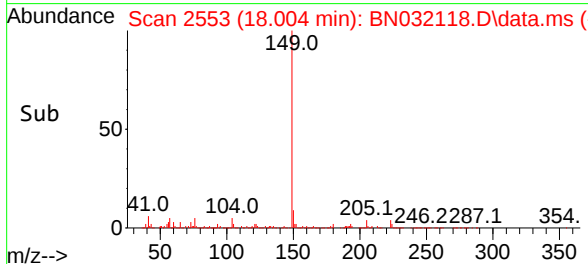
Instrument :
BNA_N
ClientSampleId :
A4B87



Tgt Ion:149 Resp: 240580
Ion Ratio Lower Upper
149 100
150 9.9 7.4 11.0
104 5.1 4.1 6.1

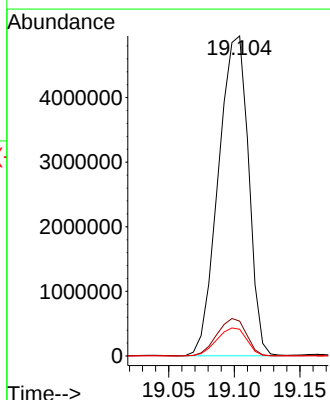
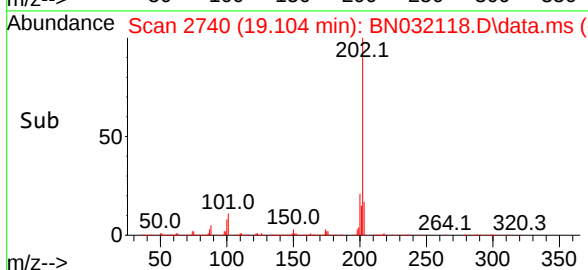
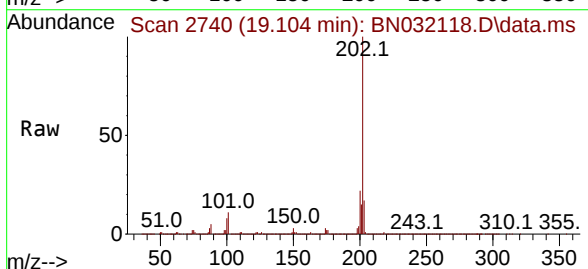
Manual Integrations
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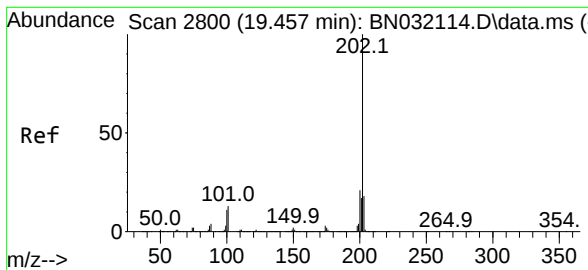
Reviewed By :Jagrut Upadhyay 06/21/2024
Supervised By :mohammad ahmed 06/21/2024



#80
Fluoranthene
Concen: 77.732 ng/ul
RT: 19.104 min Scan# 2740
Delta R.T. 0.006 min
Lab File: BN032118.D
Acq: 21 Jun 2024 05:48

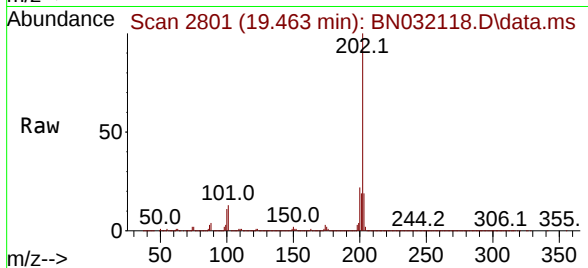
Tgt Ion:202 Resp: 7911957
Ion Ratio Lower Upper
202 100
101 10.9 10.3 15.5
100 8.3 8.0 12.0





#82
 Pyrene
 Concen: 55.513 ng/ul
 RT: 19.463 min Scan# 2801
 Delta R.T. 0.000 min
 Lab File: BN032118.D
 Acq: 21 Jun 2024 05:48

Instrument :
 BNA_N
 ClientSampleId :
 A4B87

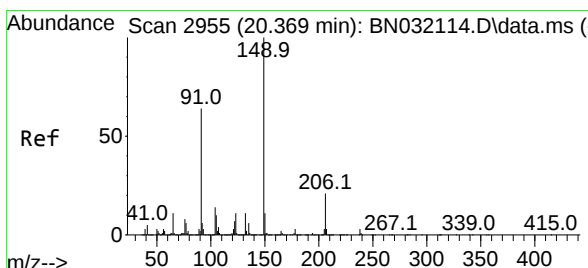
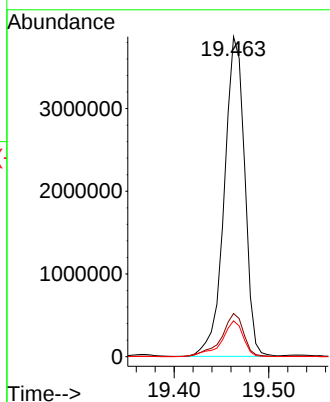
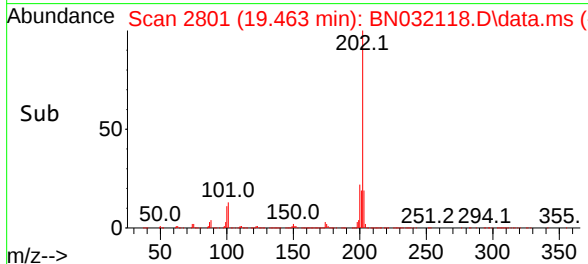


Tgt Ion:202 Resp: 579729

Ion	Ratio	Lower	Upper
202	100		
101	13.5	12.6	18.8
100	11.2	10.2	15.2

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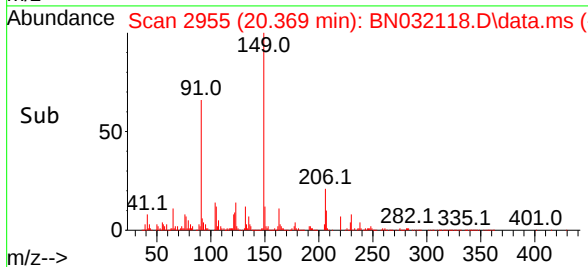
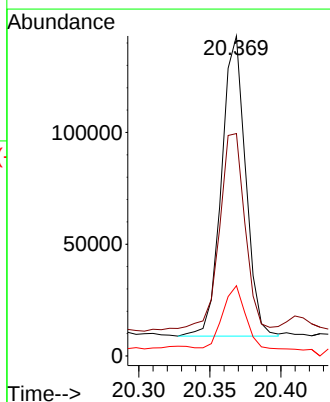
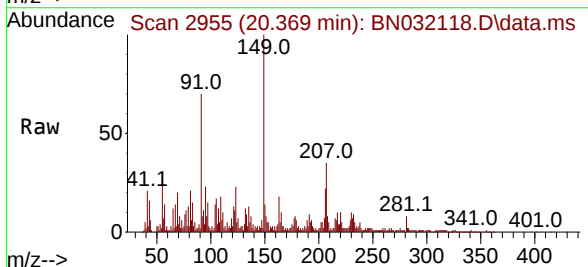
Reviewed By :Jagrut Upadhyay 06/21/2024
 Supervised By :mohammad ahmed 06/21/2024

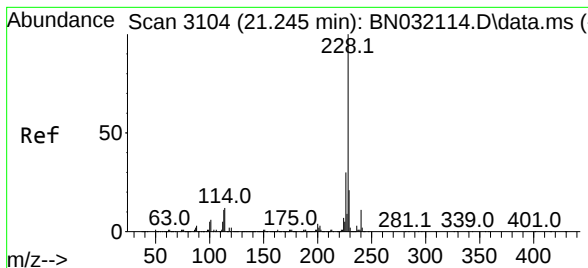


#83
 Butylbenzylphthalate
 Concen: 3.215 ng/ul
 RT: 20.369 min Scan# 2955
 Delta R.T. 0.000 min
 Lab File: BN032118.D
 Acq: 21 Jun 2024 05:48

Tgt Ion:149 Resp: 158593

Ion	Ratio	Lower	Upper
149	100		
91	69.5	61.0	91.4
206	21.9	16.5	24.7





#85

Benzo(a)anthracene

Concen: 30.906 ng/ul

RT: 21.251 min Scan# 3105

Delta R.T. 0.000 min

Lab File: BN032118.D

Acq: 21 Jun 2024 05:48

Instrument :

BNA_N

ClientSampleId :

A4B87

Tgt Ion:228 Resp: 329244

Ion Ratio Lower Upper

228 100

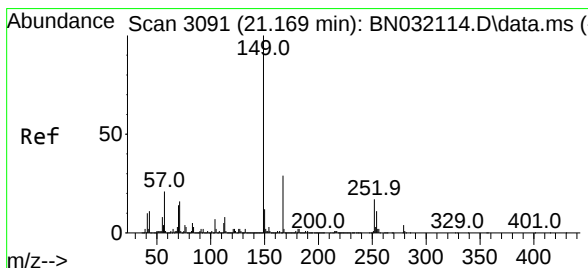
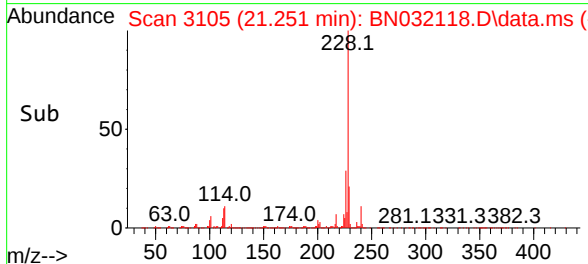
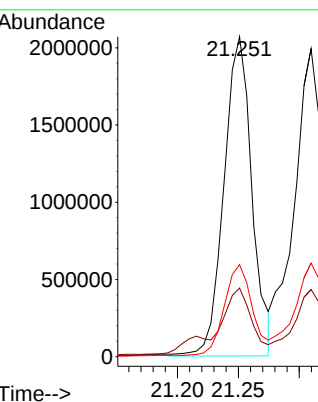
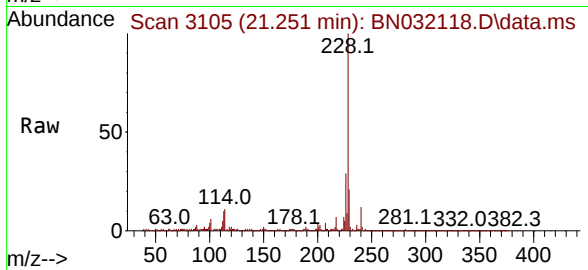
229 21.5 16.7 25.1

226 28.8 22.8 34.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 06/21/2024
Supervised By :mohammad ahmed 06/21/2024



#86

Bis(2-ethylhexyl)phthalate

Concen: 10.349 ng/ul

RT: 21.169 min Scan# 3091

Delta R.T. -0.006 min

Lab File: BN032118.D

Acq: 21 Jun 2024 05:48

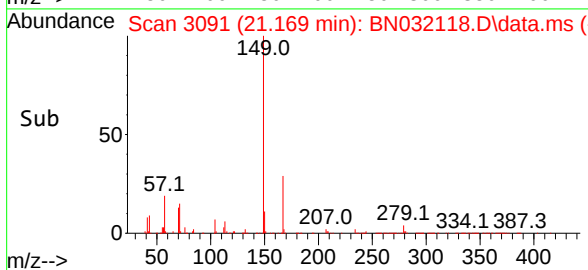
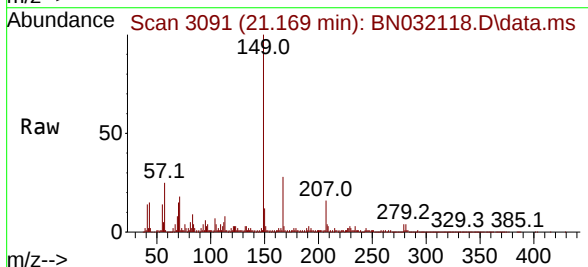
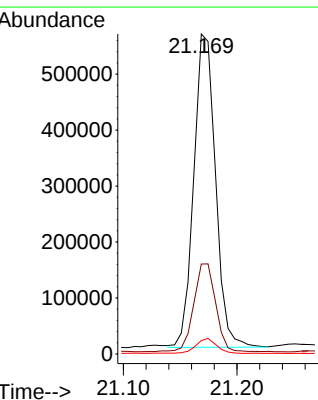
Tgt Ion:149 Resp: 744089

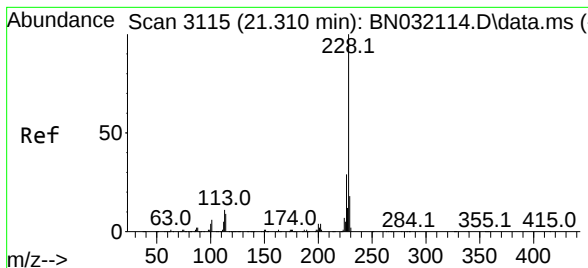
Ion Ratio Lower Upper

149 100

167 28.1 21.4 32.0

279 4.2 3.3 4.9





#87

Chrysene

Concen: 32.941 ng/ul

RT: 21.310 min Scan# 3115

Delta R.T. 0.000 min

Lab File: BN032118.D

Acq: 21 Jun 2024 05:48

Instrument :

BNA_N

ClientSampleId :

A4B87

Tgt Ion:228 Resp: 327787

Ion Ratio Lower Upper

228 100

226 30.4 23.7 35.5

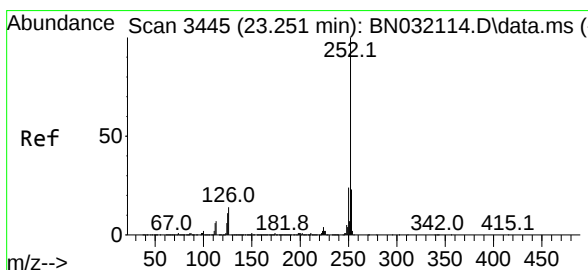
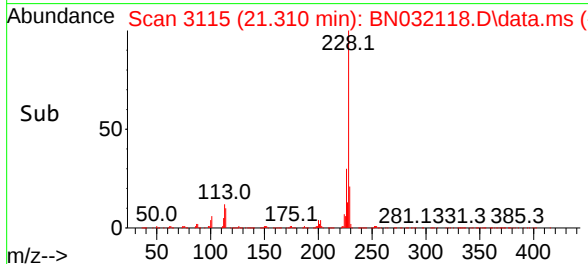
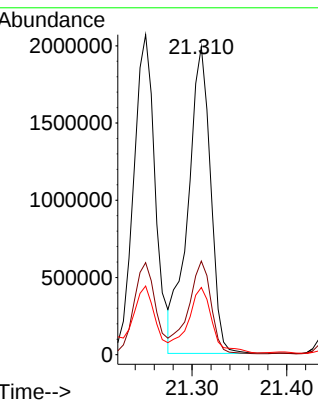
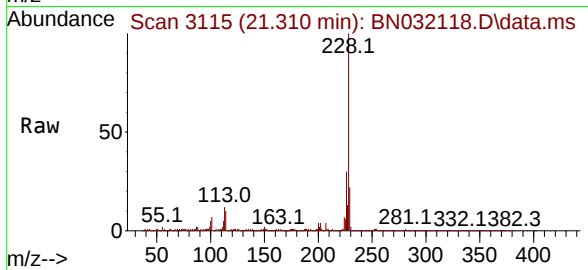
229 21.8 15.1 22.7

Manual Integrations

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Reviewed By :Jagrut Upadhyay 06/21/2024

Supervised By :mohammad ahmed 06/21/2024



#90

Benzo(b)fluoranthene

Concen: 37.307 ng/ul

RT: 23.268 min Scan# 3448

Delta R.T. 0.006 min

Lab File: BN032118.D

Acq: 21 Jun 2024 05:48

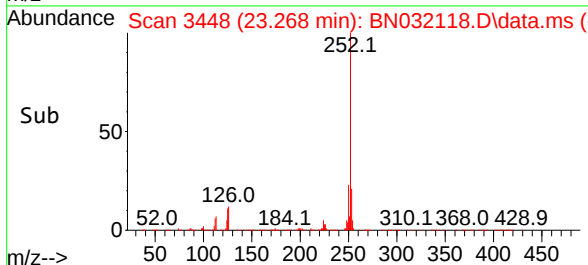
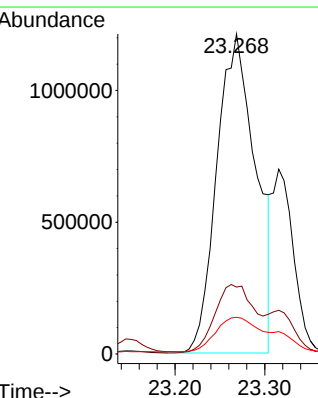
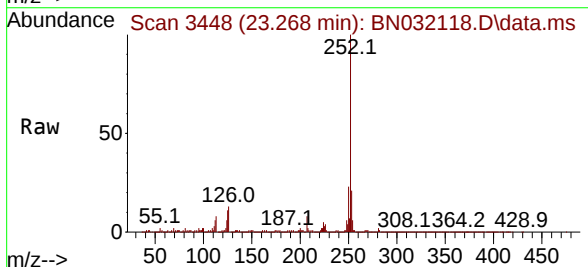
Tgt Ion:252 Resp: 3655528

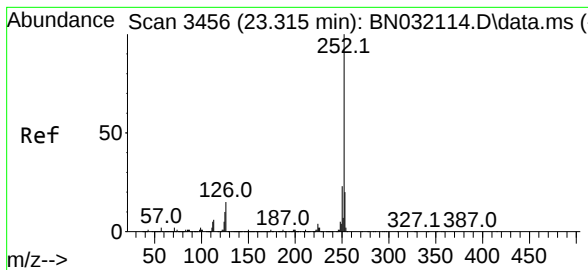
Ion Ratio Lower Upper

252 100

253 20.9 17.0 25.6

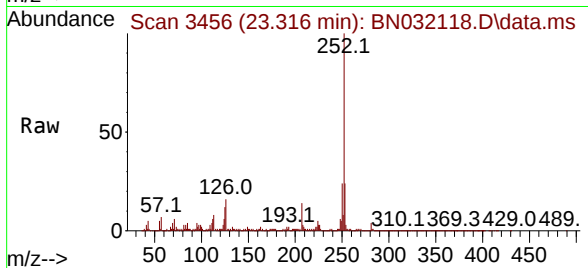
125 11.5 9.2 13.8





#91
Benzo(k)fluoranthene
Concen: 11.789 ng/ul m
RT: 23.316 min Scan# 3456
Delta R.T. -0.006 min
Lab File: BN032118.D
Acq: 21 Jun 2024 05:48

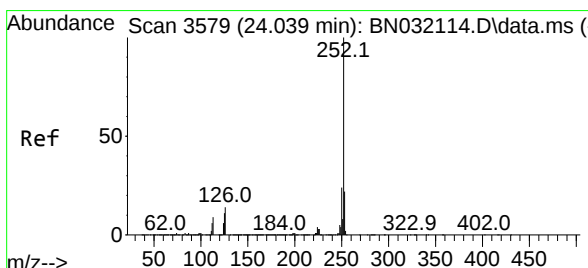
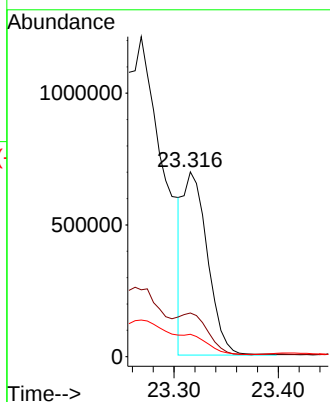
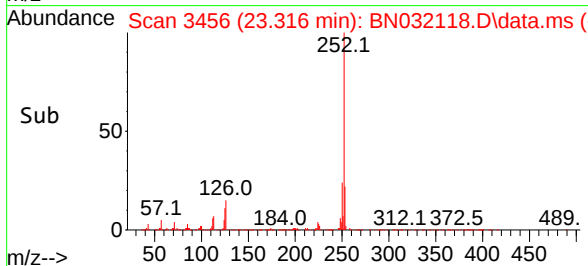
Instrument :
BNA_N
ClientSampleId :
A4B87



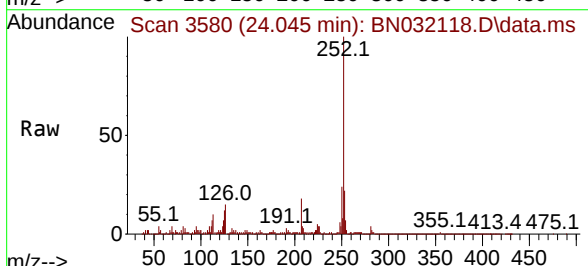
Tgt Ion:252 Resp: 1133468
Ion Ratio Lower Upper
252 100
253 23.6 17.6 26.4
125 12.1 9.4 14.2

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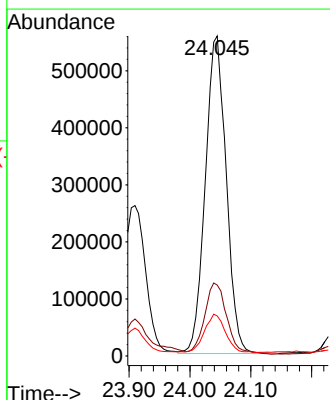
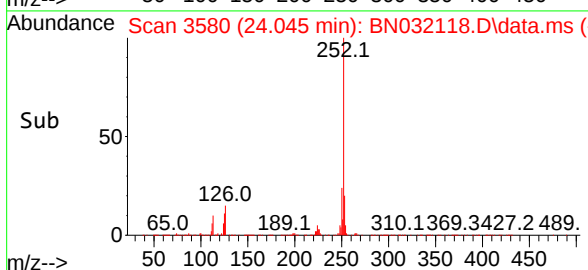
Reviewed By :Jagrut Upadhyay 06/21/2024
Supervised By :mohammad ahmed 06/21/2024

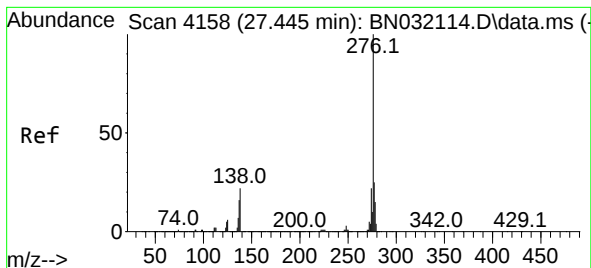


#93
Benzo(a)pyrene
Concen: 14.496 ng/ul
RT: 24.045 min Scan# 3580
Delta R.T. 0.006 min
Lab File: BN032118.D
Acq: 21 Jun 2024 05:48



Tgt Ion:252 Resp: 1330307
Ion Ratio Lower Upper
252 100
253 22.1 16.6 24.8
125 12.5 9.8 14.8





#94

Indeno(1,2,3-cd)pyrene

Concen: 10.416 ng/ul

RT: 27.445 min Scan# 4158

Delta R.T. 0.000 min

Lab File: BN032118.D

Acq: 21 Jun 2024 05:48

Instrument :

BNA_N

ClientSampleId :

A4B87

Tgt Ion:276 Resp: 110154

Ion Ratio Lower Upper

276 100

138 22.8 18.1 27.1

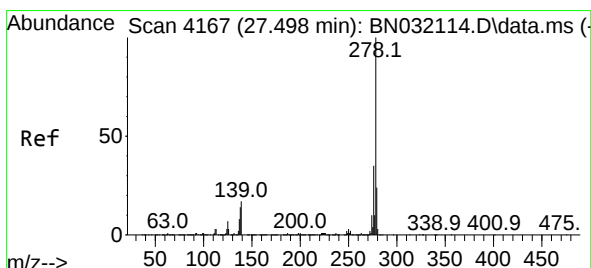
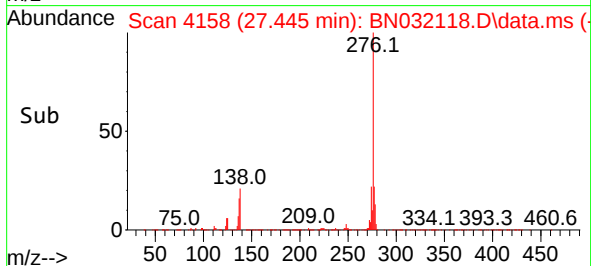
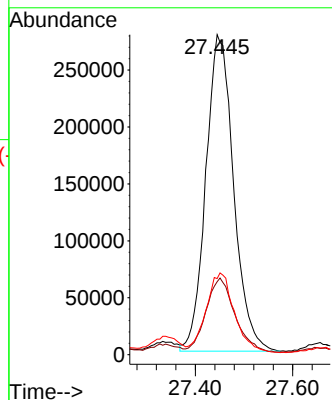
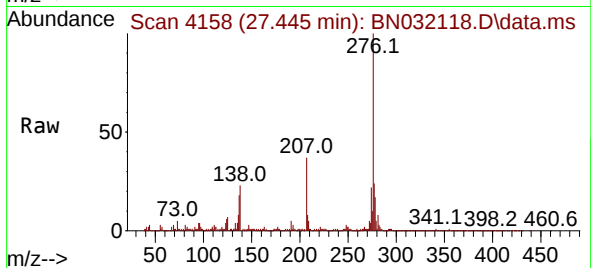
277 23.8 18.2 27.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 06/21/2024

Supervised By :mohammad ahmed 06/21/2024



#95

Dibenzo(a,h)anthracene

Concen: 4.713 ng/ul

RT: 27.486 min Scan# 4165

Delta R.T. -0.017 min

Lab File: BN032118.D

Acq: 21 Jun 2024 05:48

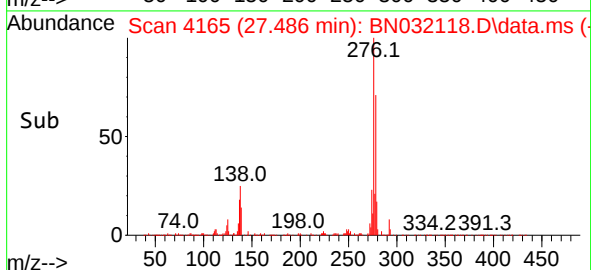
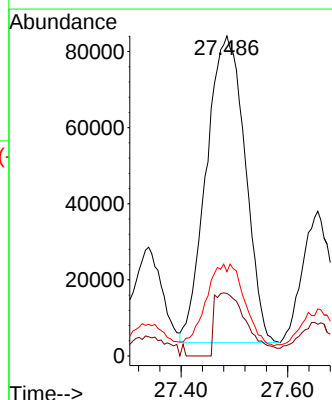
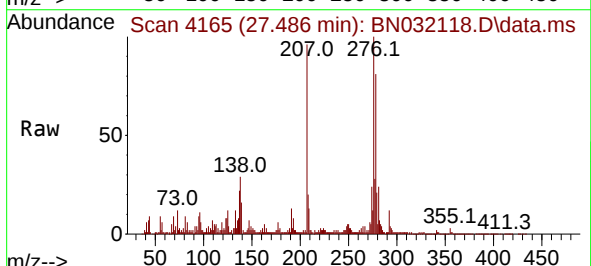
Tgt Ion:278 Resp: 406907

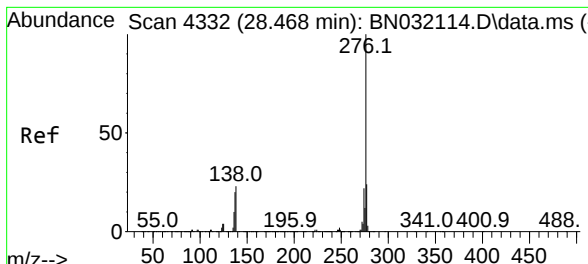
Ion Ratio Lower Upper

278 100

139 19.5 15.0 22.6

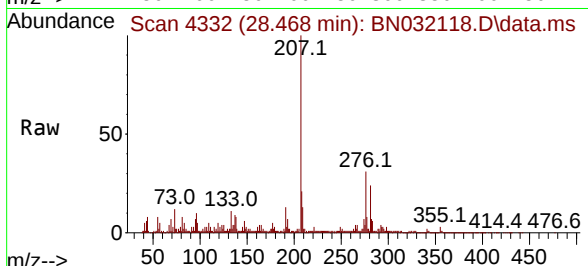
279 26.3 17.4 26.0#





#96
 Benzo(g,h,i)perylene
 Concen: 1.669 ng/ul m
 RT: 28.468 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: BN032118.D
 Acq: 21 Jun 2024 05:48

Instrument :
 BNA_N
 ClientSampleId :
 A4B87



Tgt Ion: 276 Resp: 140280

Ion	Ratio	Lower	Upper
276	100		
138	25.0	20.9	31.3
277	26.9	18.0	27.0

Manual Integrations
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Reviewed By :Jagrut Upadhyay 06/21/2024
 Supervised By :mohammad ahmed 06/21/2024

