

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061224\
 Data File : BN031954.D
 Acq On : 12 Jun 2024 23:15
 Operator : MA/JU
 Sample : P2678-18
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BH687

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 06/13/2024
 Supervised By :mohammad ahmed 06/14/2024

Quant Time: Jun 12 23:57:20 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	7.663	152	468477	20.000	ng/u1	0.00
20) Naphthalene-d8	10.446	136	1931615	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.304	164	1105226	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.057	188	1762152	20.000	ng/u1	0.00
79) Chrysene-d12	21.292	240	1199168	20.000	ng/u1	0.00
88) Perylene-d12	24.221	264	1445117	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.181	96	43160	3.811	ng/uL	0.00
4) Pyridine-d5	3.587	84	159070	4.990	ng/u1	0.00
7) Phenol-d5	6.840	99	941367	23.439	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.005	67	547330	23.299	ng/u1	0.00
11) 2-Chlorophenol-d4	7.199	132	782781	25.544	ng/u1	0.00
15) 4-Methylphenol-d8	8.369	113	720592	22.011	ng/u1	0.00
21) Nitrobenzene-d5	8.822	128	398671	26.993	ng/u1	0.00
24) 2-Nitrophenol-d4	9.534	143	437004	28.644	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.069	165	727705	25.550	ng/u1	0.00
31) 4-Chloroaniline-d4	10.587	131	310938	7.353	ng/u1	0.00
46) Dimethylphthalate-d6	13.722	166	2049131	26.613	ng/u1	0.00
49) Acenaphthylene-d8	13.998	160	2344344	26.479	ng/u1	0.00
54) 4-Nitrophenol-d4	14.528	143	259590	16.838	ng/u1	0.00
60) Fluorene-d10	15.298	176	1609247	24.701	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.434	200	152671	17.237	ng/u1	0.00
73) Anthracene-d10	17.151	188	2007117	26.605	ng/u1	0.00
81) Pyrene-d10	19.451	212	1692539	26.376	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.021	264	1340509	19.426	ng/u1	0.00
Target Compounds						Qvalue
16) Acetophenone	8.481	105	60257	1.215	ng/u1	97
30) Naphthalene	10.493	128	116808	1.168	ng/u1	99
36) 2-Methylnaphthalene	12.110	142	94174	1.378	ng/u1	99
50) Acenaphthylene	14.028	152	164196	1.641	ng/u1	99
72) Phenanthrene	17.098	178	1079146	12.022	ng/u1	100
74) Anthracene	17.186	178	234480	2.578	ng/u1	97
77) Carbazole	17.463	167	111573	1.439	ng/u1	100
80) Fluoranthene	19.116	202	2112401	27.545	ng/u1	100
82) Pyrene	19.480	202	1604996	20.398	ng/u1	98
83) Butylbenzylphthalate	20.386	149	97387	2.621	ng/u1	97
85) Benzo(a)anthracene	21.274	228	1048739	13.066	ng/u1	98
86) Bis(2-ethylhexyl)phtha...	21.198	149	266167	4.913	ng/u1	97
87) Chrysene	21.333	228	1099128m	14.660	ng/u1	
90) Benzo(b)fluoranthene	23.298	252	1498317	17.346	ng/u1	94
91) Benzo(k)fluoranthene	23.357	252	605030m	7.138	ng/u1	
93) Benzo(a)pyrene	24.086	252	649751	8.031	ng/u1	97
94) Indeno(1,2,3-cd)pyrene	27.521	276	646730	6.937	ng/u1	95
95) Dibenzo(a,h)anthracene	27.562	278	212108	2.787	ng/u1#	89
96) Benzo(g,h,i)perylene	28.556	276	95220m	1.285	ng/u1	

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

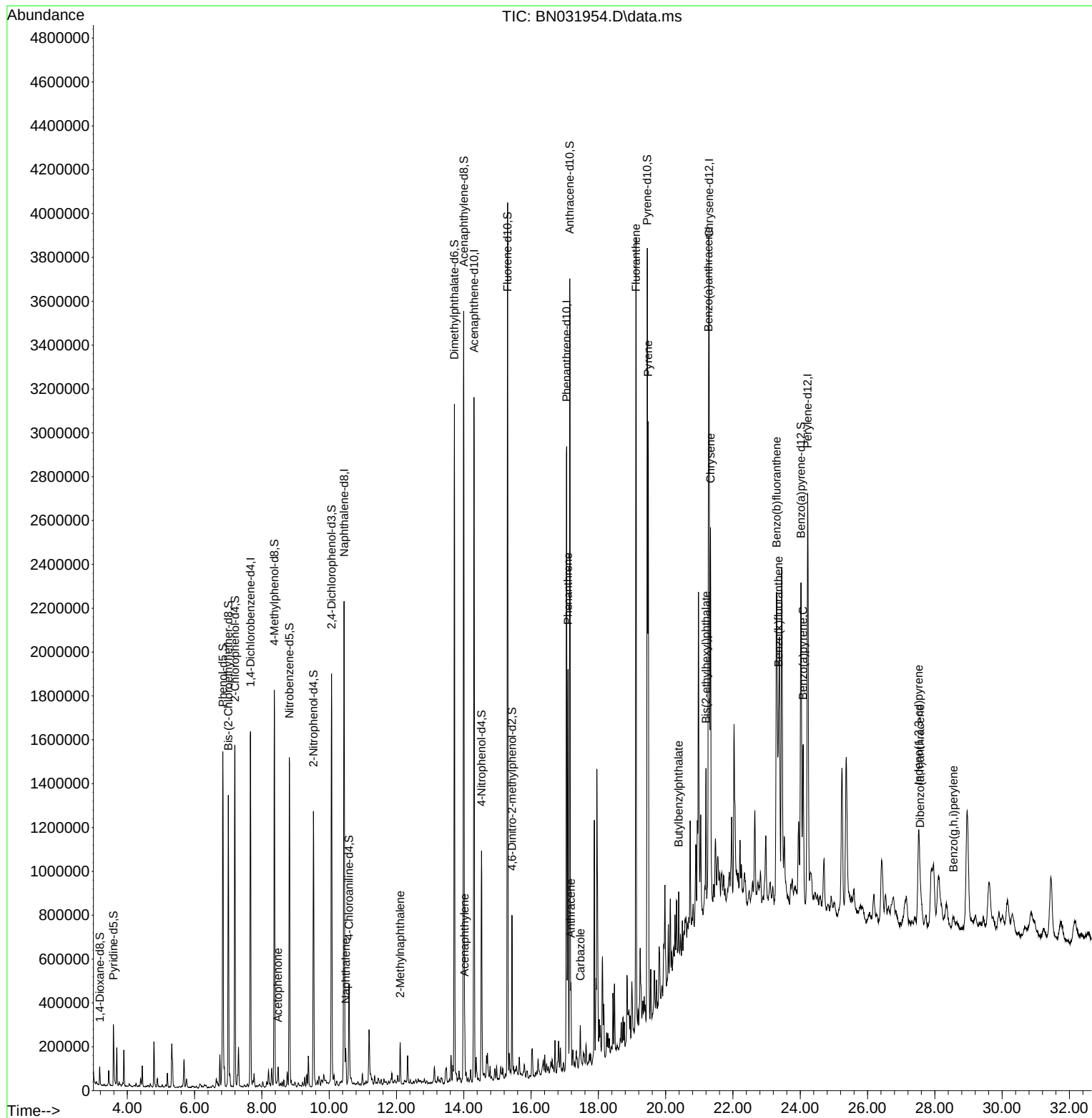
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061224\
 Data File : BN031954.D
 Acq On : 12 Jun 2024 23:15
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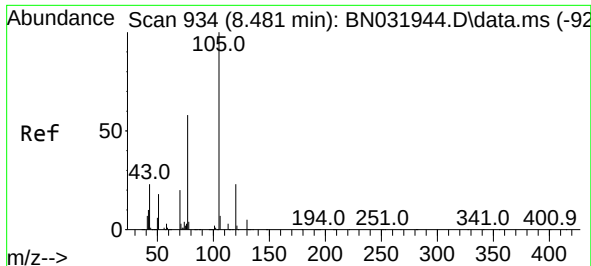
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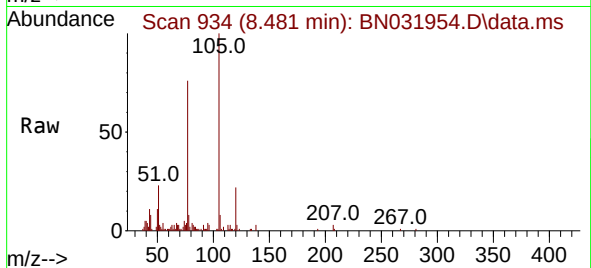
Quant Time: Jun 12 23:57:20 2024
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 Quant Title : SVOA CALIBRATION
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#16
Acetophenone
Concen: 1.215 ng/ul
RT: 8.481 min Scan# 91
Delta R.T. 0.000 min
Lab File: BN031954.D
Acq: 12 Jun 2024 23:15

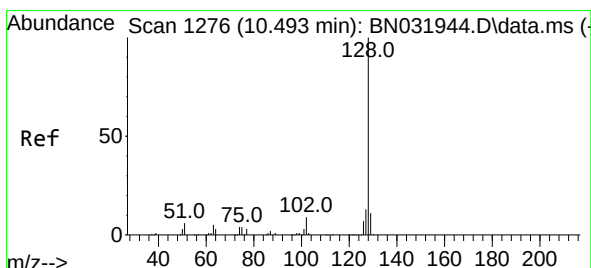
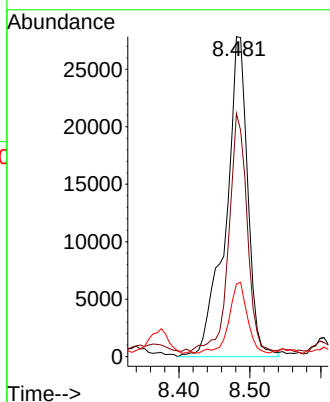
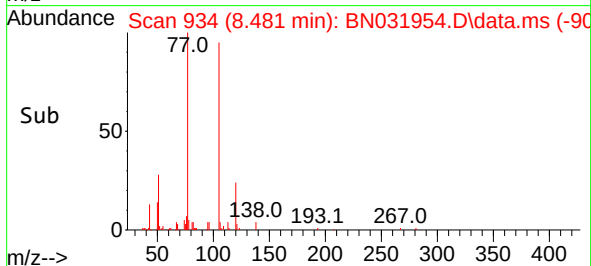
Instrument :
BNA_N
ClientSampleId :
BH687



Tgt Ion:105 Resp: 6025
Ion Ratio Lower Upper
105 100
77 76.1 58.6 87.8
51 22.7 17.2 25.8

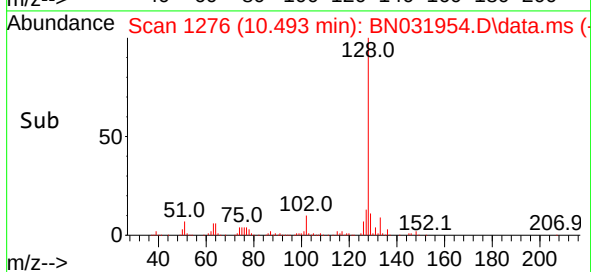
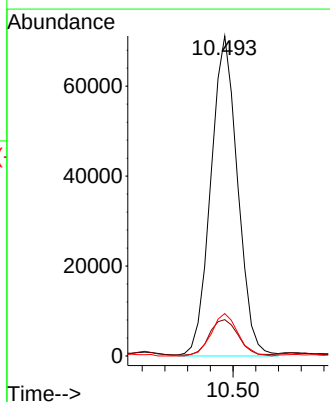
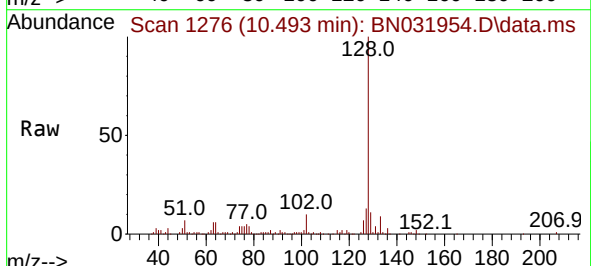
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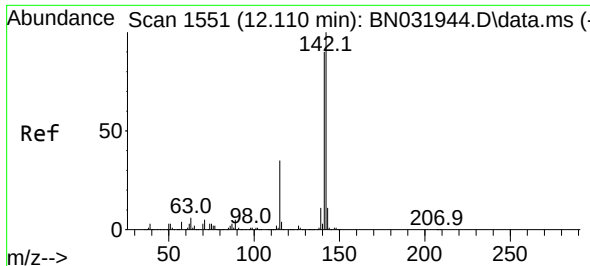
Reviewed By :Jagrut Upadhyay 06/13/2024
Supervised By :mohammad ahmed 06/14/2024



#30
Naphthalene
Concen: 1.168 ng/ul
RT: 10.493 min Scan# 1276
Delta R.T. 0.000 min
Lab File: BN031954.D
Acq: 12 Jun 2024 23:15

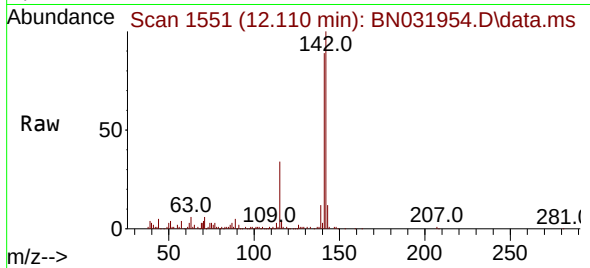
Tgt Ion:128 Resp: 116808
Ion Ratio Lower Upper
128 100
129 11.3 8.5 12.7
127 13.3 10.3 15.5





#36
2-Methylnaphthalene
Concen: 1.378 ng/ul
RT: 12.110 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN031954.D
Acq: 12 Jun 2024 23:15

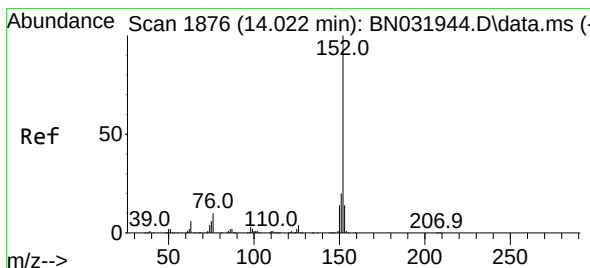
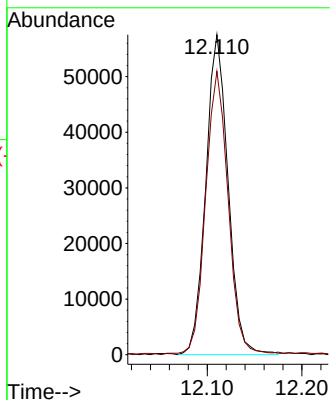
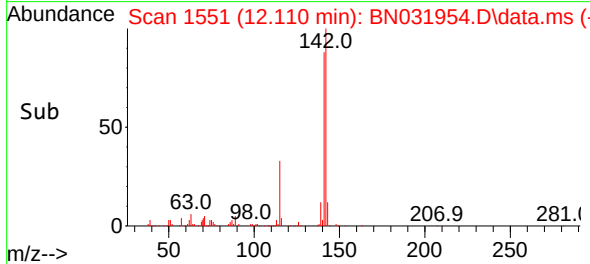
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:142 Resp: 94174
Ion Ratio Lower Upper
142 100
141 88.5 70.1 105.1

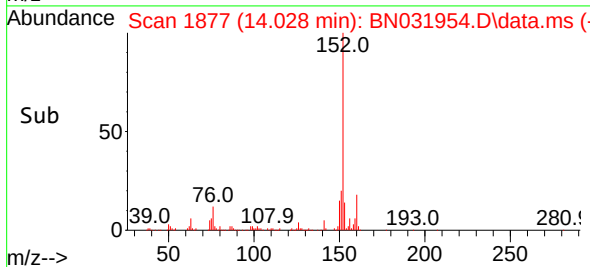
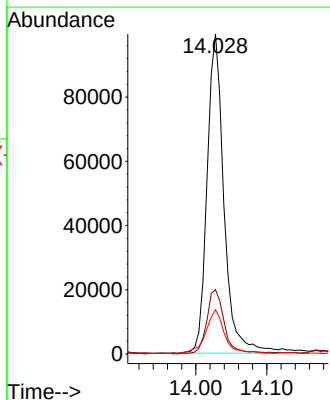
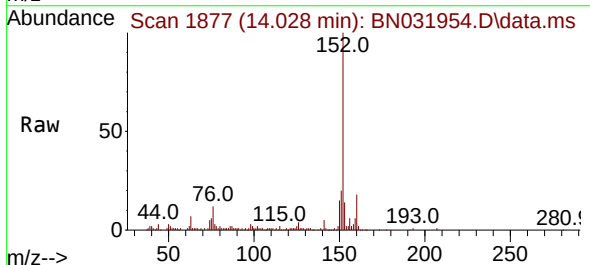
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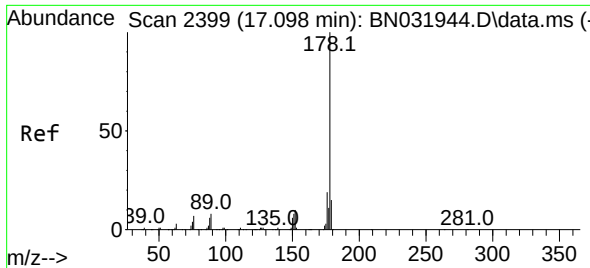
Reviewed By :Jagrut Upadhyay 06/13/2024
Supervised By :mohammad ahmed 06/14/2024



#50
Acenaphthylene
Concen: 1.641 ng/ul
RT: 14.028 min Scan# 1877
Delta R.T. 0.000 min
Lab File: BN031954.D
Acq: 12 Jun 2024 23:15

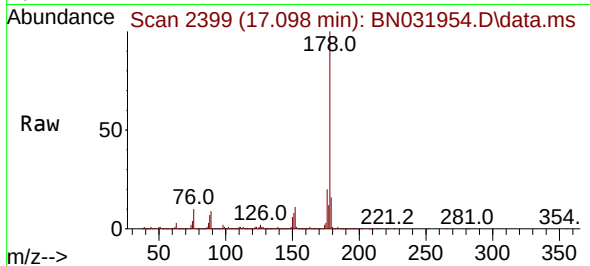
Tgt Ion:152 Resp: 164196
Ion Ratio Lower Upper
152 100
151 20.1 15.9 23.9
153 13.8 10.4 15.6





#72
Phenanthrene
Concen: 12.022 ng/u1
RT: 17.098 min Scan# 2399
Delta R.T. 0.000 min
Lab File: BN031954.D
Acq: 12 Jun 2024 23:15

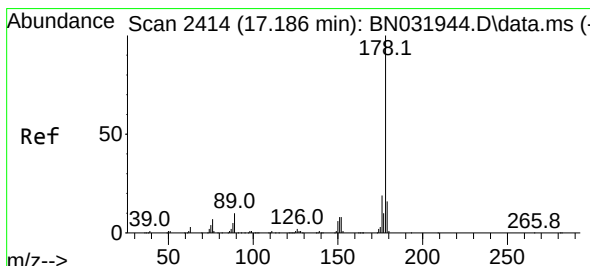
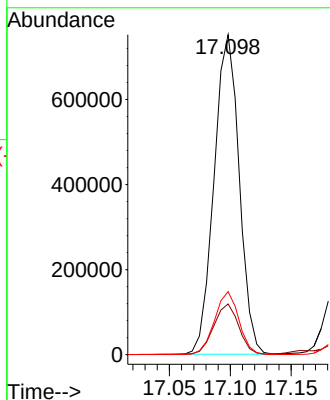
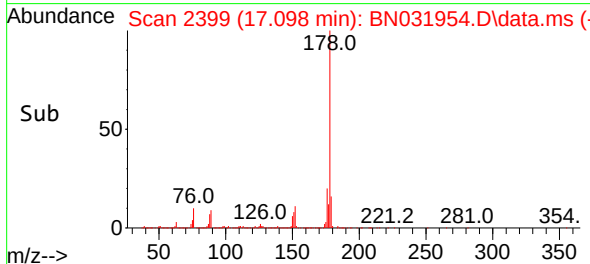
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BNA_N
ClientSampleId :
BH687



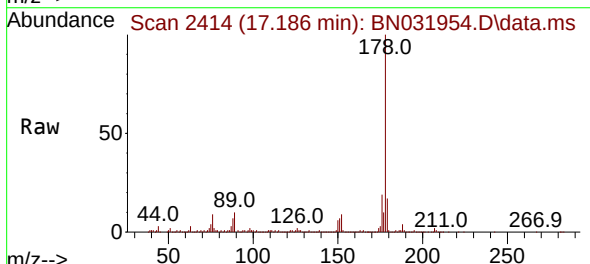
Tgt Ion:178 Resp: 1079140
Ion Ratio Lower Upper
178 100
179 15.8 12.6 19.0
176 19.7 15.8 23.6

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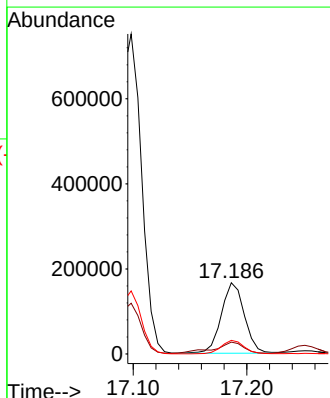
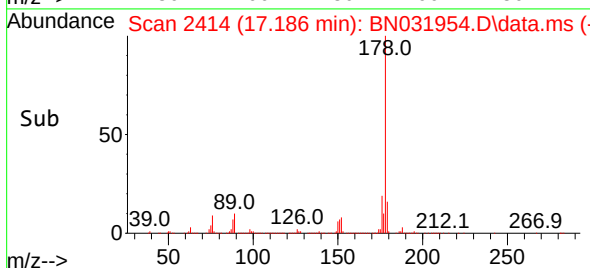
Reviewed By :Jagrut Upadhyay 06/13/2024
Supervised By :mohammad ahmed 06/14/2024

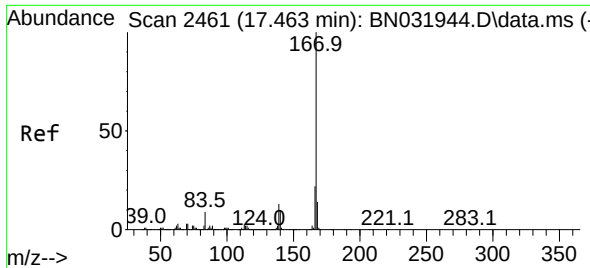


#74
Anthracene
Concen: 2.578 ng/u1
RT: 17.186 min Scan# 2414
Delta R.T. 0.000 min
Lab File: BN031954.D
Acq: 12 Jun 2024 23:15



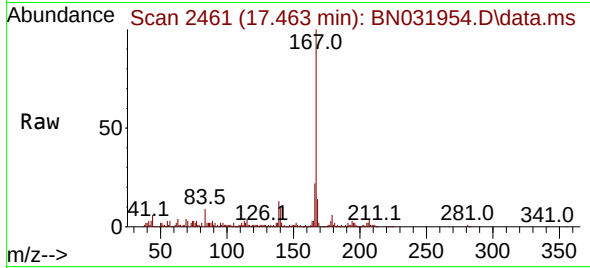
Tgt Ion:178 Resp: 234480
Ion Ratio Lower Upper
178 100
179 16.7 11.8 17.6
176 19.2 14.8 22.2





#77
 Carbazole
 Concen: 1.439 ng/ul
 RT: 17.463 min Scan# 2461
 Delta R.T. 0.000 min
 Lab File: BN031954.D
 Acq: 12 Jun 2024 23:15

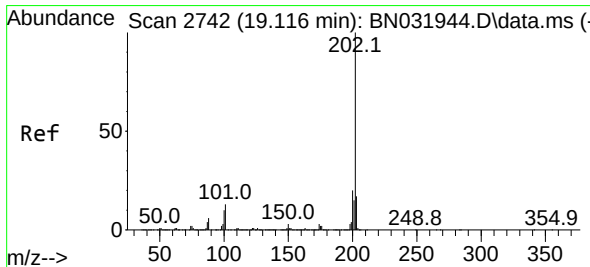
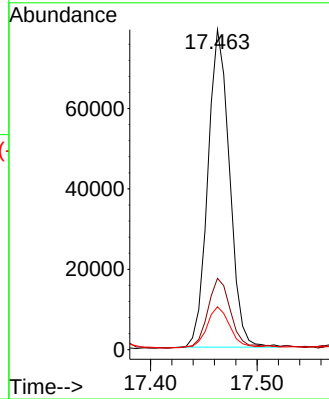
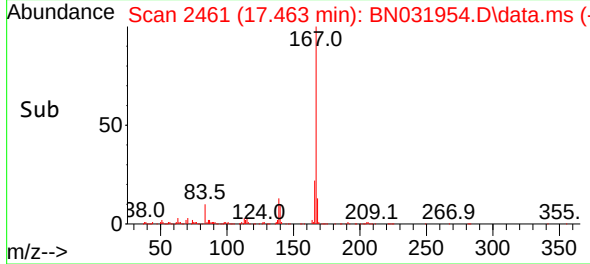
Instrument :
 BNA_N
 ClientSampleId :
 BH687



Tgt Ion:167 Resp: 11157
 Ion Ratio Lower Upper
 167 100
 166 22.3 17.9 26.9
 139 13.4 10.5 15.7

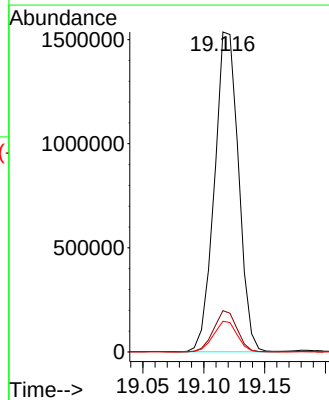
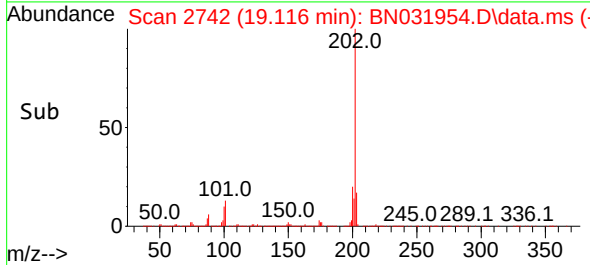
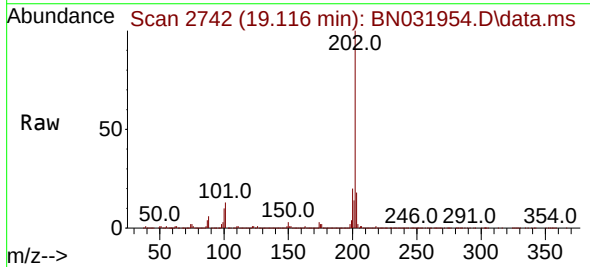
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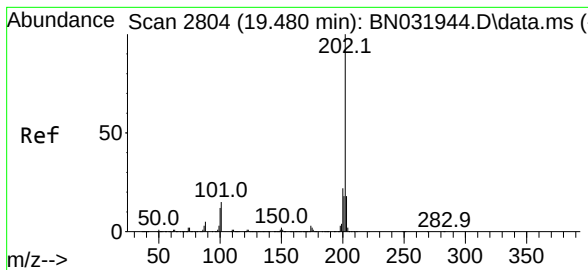
Reviewed By :Jagrut Upadhyay 06/13/2024
 Supervised By :mohammad ahmed 06/14/2024



#80
 Fluoranthene
 Concen: 27.545 ng/ul
 RT: 19.116 min Scan# 2742
 Delta R.T. 0.000 min
 Lab File: BN031954.D
 Acq: 12 Jun 2024 23:15

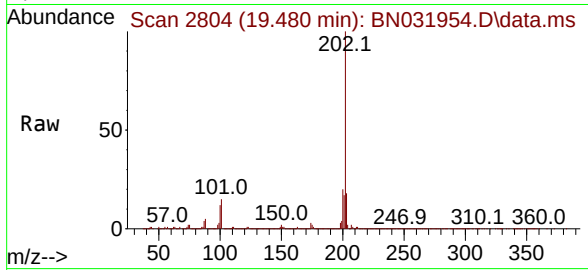
Tgt Ion:202 Resp: 2112401
 Ion Ratio Lower Upper
 202 100
 101 12.9 10.3 15.5
 100 9.6 8.0 12.0





#82
Pyrene
Concen: 20.398 ng/ul
RT: 19.480 min Scan# 2804
Delta R.T. -0.006 min
Lab File: BN031954.D
Acq: 12 Jun 2024 23:15

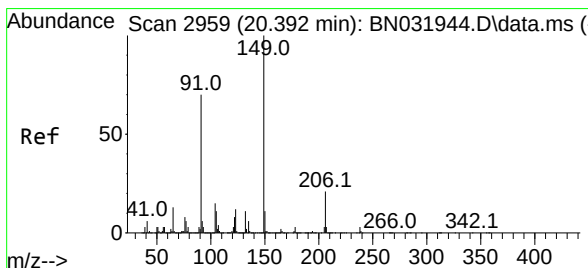
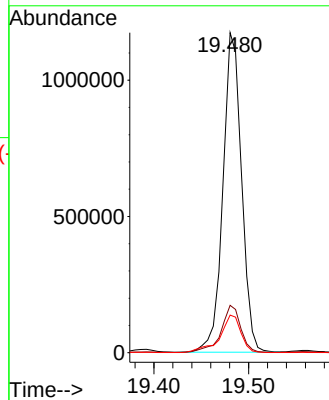
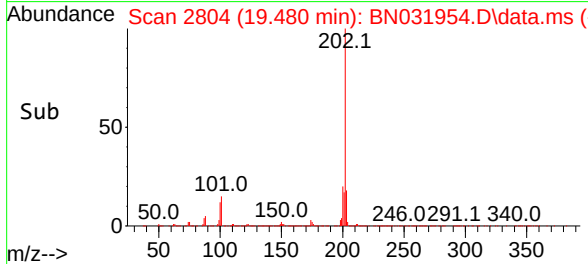
Instrument : BNA_N
ClientSampleId : BH687



Tgt Ion:202 Resp: 1604990
Ion Ratio Lower Upper
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101 14.8 12.6 18.8
100 11.7 10.2 15.2

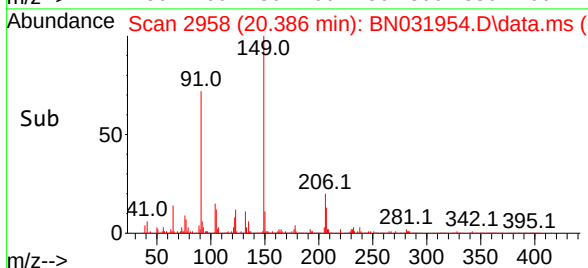
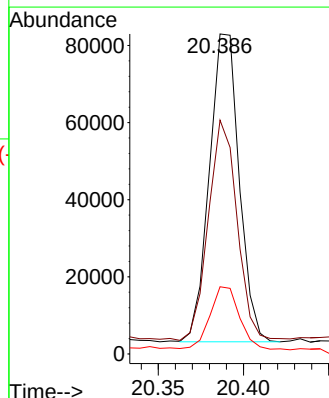
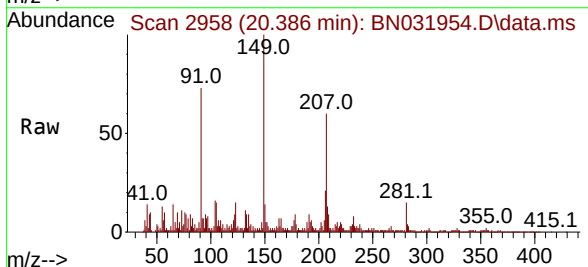
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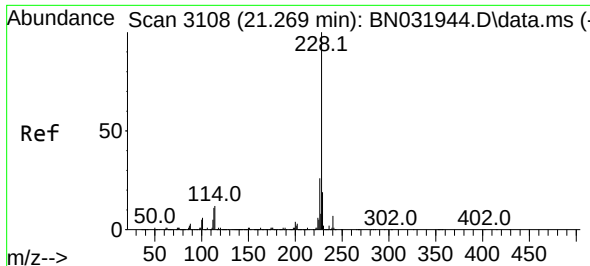
Reviewed By :Jagrut Upadhyay 06/13/2024
Supervised By :mohammad ahmed 06/14/2024



#83
Butylbenzylphthalate
Concen: 2.621 ng/ul
RT: 20.386 min Scan# 2958
Delta R.T. -0.006 min
Lab File: BN031954.D
Acq: 12 Jun 2024 23:15

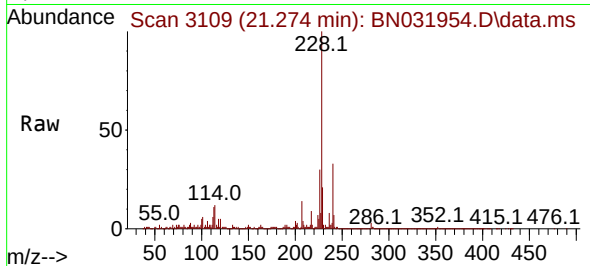
Tgt Ion:149 Resp: 97387
Ion Ratio Lower Upper
149 100
91 73.0 61.0 91.4
206 21.0 16.5 24.7





#85
Benzo(a)anthracene
Concen: 13.066 ng/ul
RT: 21.274 min Scan# 3108
Delta R.T. 0.000 min
Lab File: BN031954.D
Acq: 12 Jun 2024 23:15

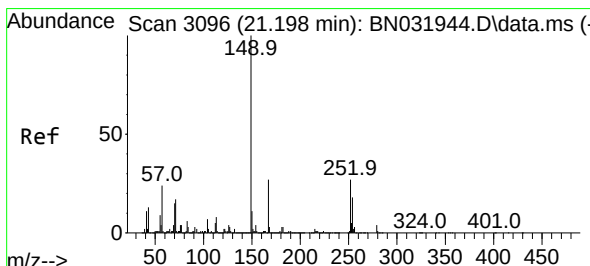
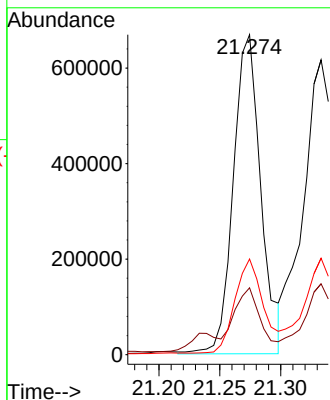
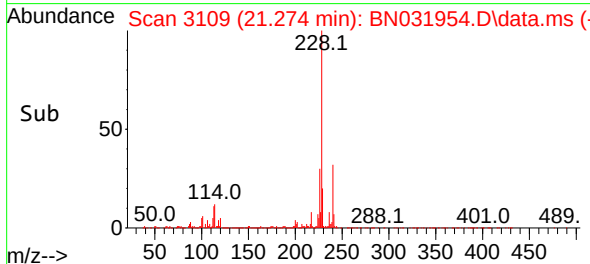
Instrument :
BNA_N
ClientSampleId :
BH687



Tgt Ion:228 Resp: 1048739
Ion Ratio Lower Upper
228 100
229 20.9 16.7 25.1
226 29.9 22.8 34.2

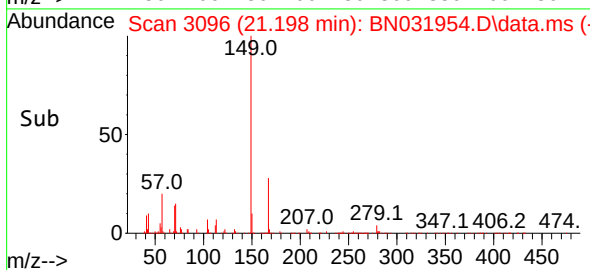
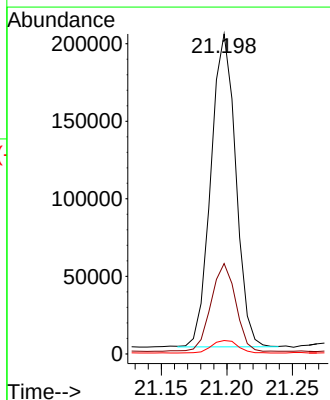
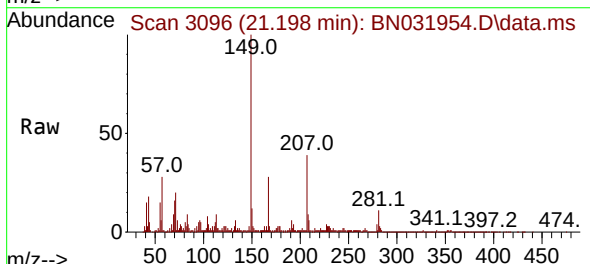
Manual Integrations
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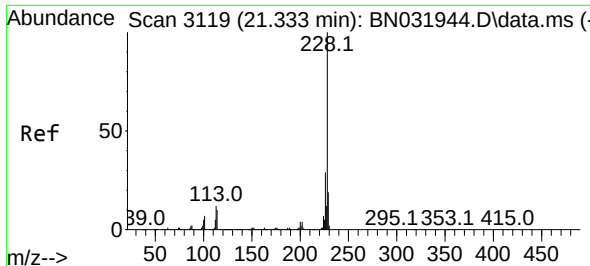
Reviewed By :Jagrut Upadhyay 06/13/2024
Supervised By :mohammad ahmed 06/14/2024



#86
Bis(2-ethylhexyl)phthalate
Concen: 4.913 ng/ul
RT: 21.198 min Scan# 3096
Delta R.T. -0.006 min
Lab File: BN031954.D
Acq: 12 Jun 2024 23:15

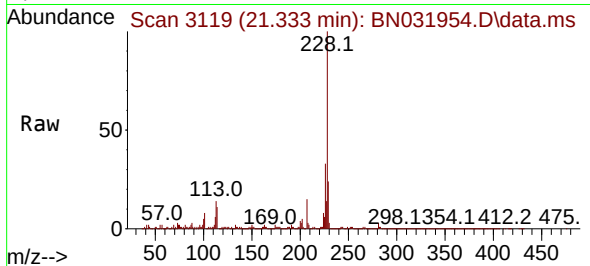
Tgt Ion:149 Resp: 266167
Ion Ratio Lower Upper
149 100
167 28.3 21.4 32.0
279 4.2 3.3 4.9





#87
Chrysene
Concen: 14.660 ng/ul m
RT: 21.333 min Scan# 3119
Delta R.T. 0.000 min
Lab File: BN031954.D
Acq: 12 Jun 2024 23:15

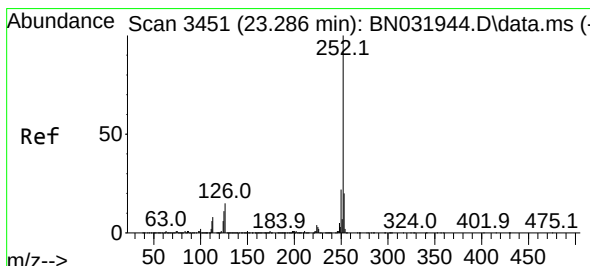
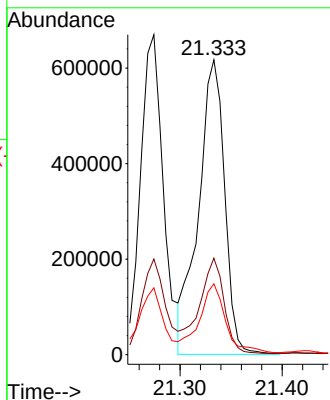
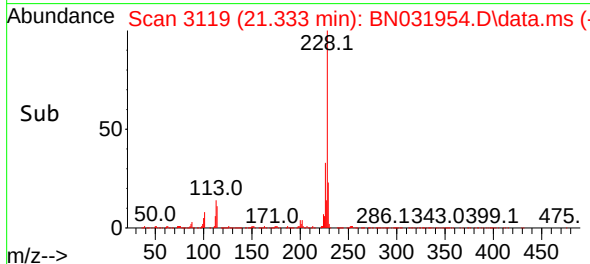
Instrument :
BNA_N
ClientSampleId :
BH687



Tgt Ion:228 Resp: 1099128
Ion Ratio Lower Upper
228 100
226 32.7 23.7 35.5
229 24.0 15.1 22.7

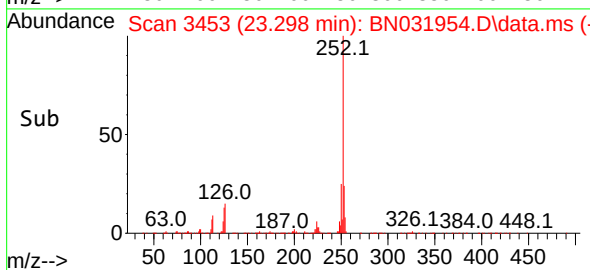
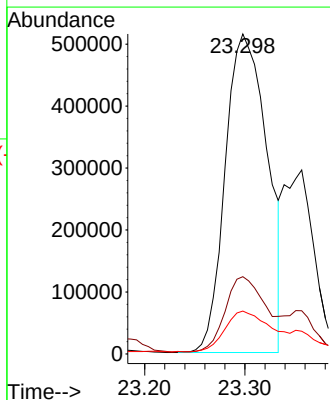
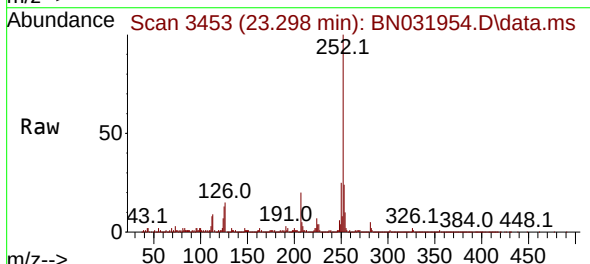
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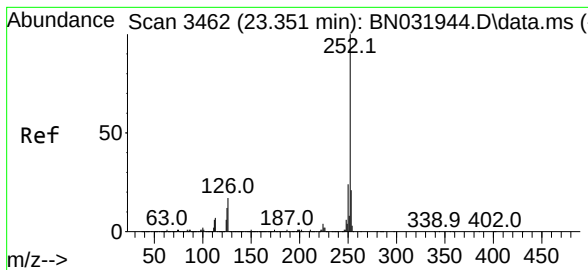
Reviewed By :Jagrut Upadhyay 06/13/2024
Supervised By :mohammad ahmed 06/14/2024



#90
Benzo(b)fluoranthene
Concen: 17.346 ng/ul
RT: 23.298 min Scan# 3453
Delta R.T. 0.006 min
Lab File: BN031954.D
Acq: 12 Jun 2024 23:15

Tgt Ion:252 Resp: 1498317
Ion Ratio Lower Upper
252 100
253 24.1 17.0 25.6
125 13.4 9.2 13.8





#91

Benzo(k)fluoranthene

Concen: 7.138 ng/ul m

RT: 23.357 min Scan# 3462

Delta R.T. 0.006 min

Lab File: BN031954.D

Acq: 12 Jun 2024 23:15

Instrument :

BNA_N

ClientSampleId :

BH687

Tgt Ion:252 Resp: 605030

Ion Ratio Lower Upper

252 100

253 23.5 17.6 26.4

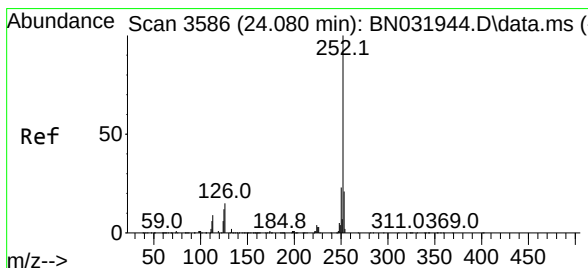
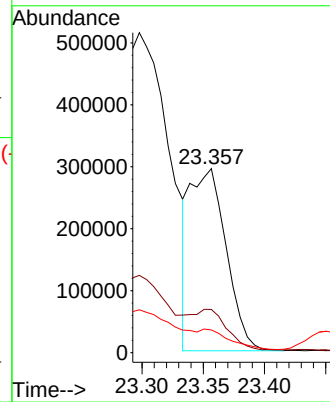
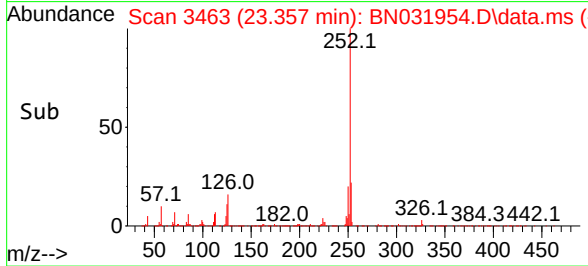
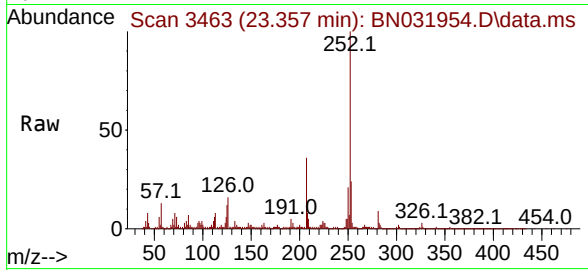
125 12.3 9.4 14.2

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Reviewed By :Jagrut Upadhyay 06/13/2024

Supervised By :mohammad ahmed 06/14/2024



#93

Benzo(a)pyrene

Concen: 8.031 ng/ul

RT: 24.086 min Scan# 3587

Delta R.T. 0.006 min

Lab File: BN031954.D

Acq: 12 Jun 2024 23:15

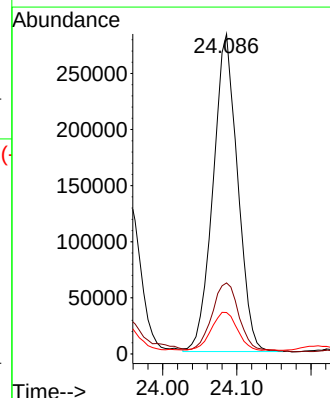
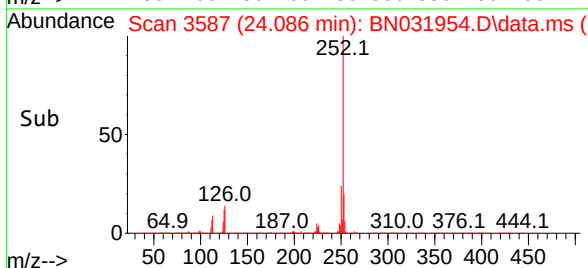
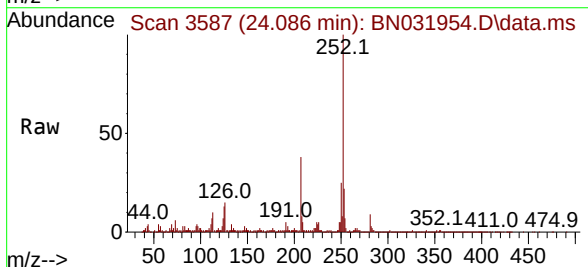
Tgt Ion:252 Resp: 649751

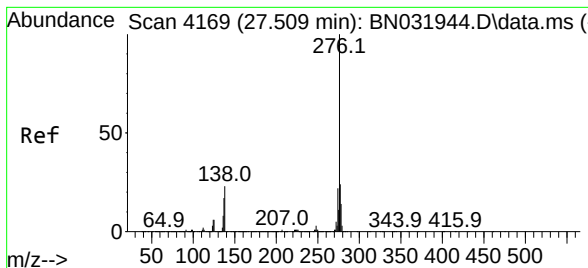
Ion Ratio Lower Upper

252 100

253 22.2 16.6 24.8

125 12.9 9.8 14.8





#94

Indeno(1,2,3-cd)pyrene

Concen: 6.937 ng/ul

RT: 27.521 min Scan# 4169

Delta R.T. 0.006 min

Lab File: BN031954.D

Acq: 12 Jun 2024 23:15

Instrument :

BNA_N

ClientSampleId :

BH687

Tgt Ion:276 Resp: 646730

Ion Ratio Lower Upper

276 100

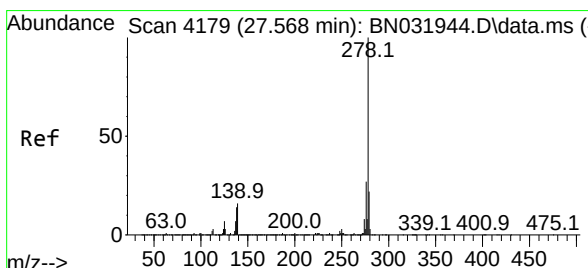
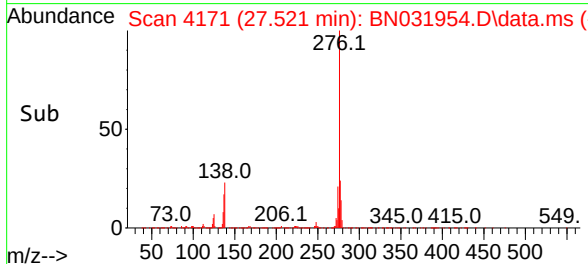
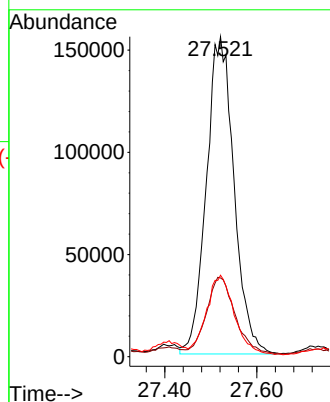
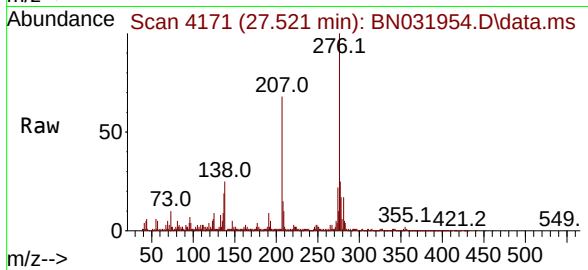
138 24.6 18.1 27.1

277 25.4 18.2 27.2

Manual Integrations

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Reviewed By :Jagrut Upadhyay 06/13/2024
Supervised By :mohammad ahmed 06/14/2024



#95

Dibenzo(a,h)anthracene

Concen: 2.787 ng/ul

RT: 27.562 min Scan# 4178

Delta R.T. -0.018 min

Lab File: BN031954.D

Acq: 12 Jun 2024 23:15

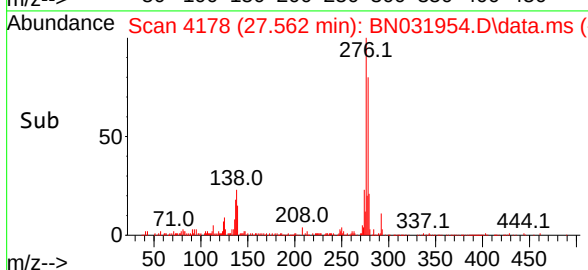
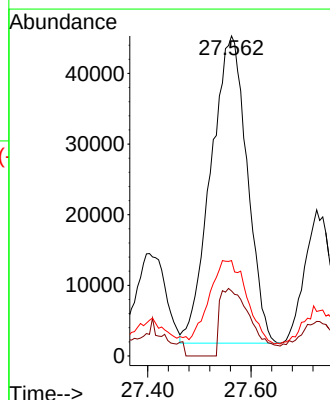
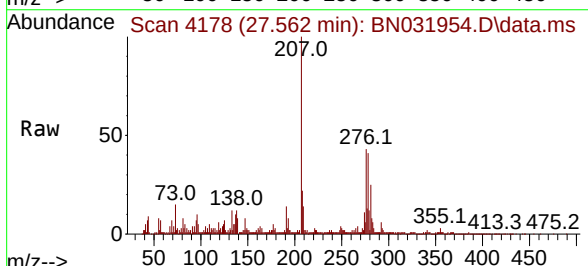
Tgt Ion:278 Resp: 212108

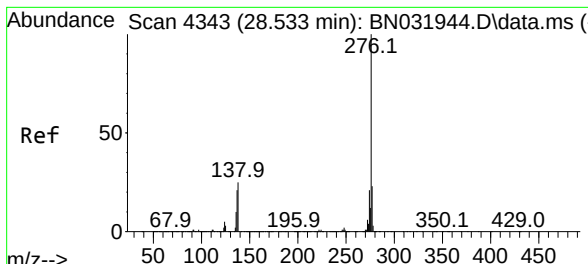
Ion Ratio Lower Upper

278 100

139 20.3 15.0 22.6

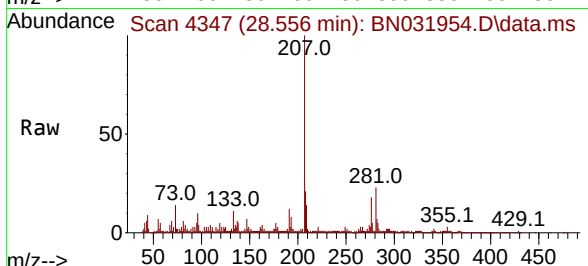
279 29.8 17.4 26.0#





#96
 Benzo(g,h,i)perylene
 Concen: 1.285 ng/ul m
 RT: 28.556 min Scan# 4347
 Delta R.T. 0.012 min
 Lab File: BN031954.D
 Acq: 12 Jun 2024 23:15

Instrument :
 BNA_N
 ClientSampleId :
 BH687



Tgt Ion: 276 Resp: 95220

Ion	Ratio	Lower	Upper
276	100		
138	27.8	20.9	31.3
277	27.3	18.0	27.0

Manual Integrations
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Reviewed By :Jagrut Upadhyay 06/13/2024
 Supervised By :mohammad ahmed 06/14/2024

