

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061224\
 Data File : BN031957.D
 Acq On : 13 Jun 2024 01:13
 Operator : MA/JU
 Sample : P2678-09
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BH678

Manual Integrations
 APPROVED

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

Quant Time: Jun 13 02:31:40 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	7.658	152	451084	20.000	ng/u1	0.00
20) Naphthalene-d8	10.446	136	1884405	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.304	164	1090166	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.057	188	1761954	20.000	ng/u1	0.00
79) Chrysene-d12	21.292	240	1194633	20.000	ng/u1	0.00
88) Perylene-d12	24.221	264	1444774	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.181	96	25614	2.349	ng/uL	0.00
4) Pyridine-d5	3.605	84	20610	0.671	ng/u1	0.02
7) Phenol-d5	6.840	99	517742	13.389	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.005	67	353286	15.619	ng/u1	0.00
11) 2-Chlorophenol-d4	7.193	132	461406	15.637	ng/u1	0.00
15) 4-Methylphenol-d8	8.369	113	409129	12.979	ng/u1	0.00
21) Nitrobenzene-d5	8.816	128	256078	17.773	ng/u1	0.00
24) 2-Nitrophenol-d4	9.534	143	277668	18.656	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.069	165	413397	14.878	ng/u1	0.00
31) 4-Chloroaniline-d4	10.587	131	415881	10.081	ng/u1	0.00
46) Dimethylphthalate-d6	13.722	166	1450942	19.105	ng/u1	0.00
49) Acenaphthylene-d8	13.998	160	1659230	19.000	ng/u1	0.00
54) 4-Nitrophenol-d4	14.534	143	100339	6.598	ng/u1	0.01
60) Fluorene-d10	15.298	176	1180297	18.367	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.434	200	76095	8.592	ng/u1	0.00
73) Anthracene-d10	17.151	188	1482406	19.652	ng/u1	0.00
81) Pyrene-d10	19.457	212	1257526	19.671	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.021	264	995593	14.431	ng/u1	0.00
Target Compounds					Qvalue	
50) Acenaphthylene	14.028	152	154447	1.565	ng/u1	99
72) Phenanthrene	17.098	178	1275785	14.214	ng/u1	98
74) Anthracene	17.186	178	248049	2.727	ng/u1	99
77) Carbazole	17.463	167	108286	1.396	ng/u1	98
80) Fluoranthene	19.122	202	2442021	31.964	ng/u1	97
82) Pyrene	19.486	202	1834844	23.408	ng/u1	96
83) Butylbenzylphthalate	20.392	149	54906	1.483	ng/u1	92
85) Benzo(a)anthracene	21.274	228	1076042	13.457	ng/u1	98
86) Bis(2-ethylhexyl)phtha...	21.198	149	154852	2.869	ng/u1	99
87) Chrysene	21.333	228	1130424	15.135	ng/u1	97
90) Benzo(b)fluoranthene	23.304	252	1579590	18.291	ng/u1	98
91) Benzo(k)fluoranthene	23.357	252	449225	5.301	ng/u1	98
93) Benzo(a)pyrene	24.086	252	657210	8.126	ng/u1	96
94) Indeno(1,2,3-cd)pyrene	27.515	276	581183	6.236	ng/u1	96
95) Dibenzo(a,h)anthracene	27.562	278	202470	2.661	ng/u1#	91
96) Benzo(g,h,i)perylene	28.539	276	82039m	1.107	ng/u1	

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

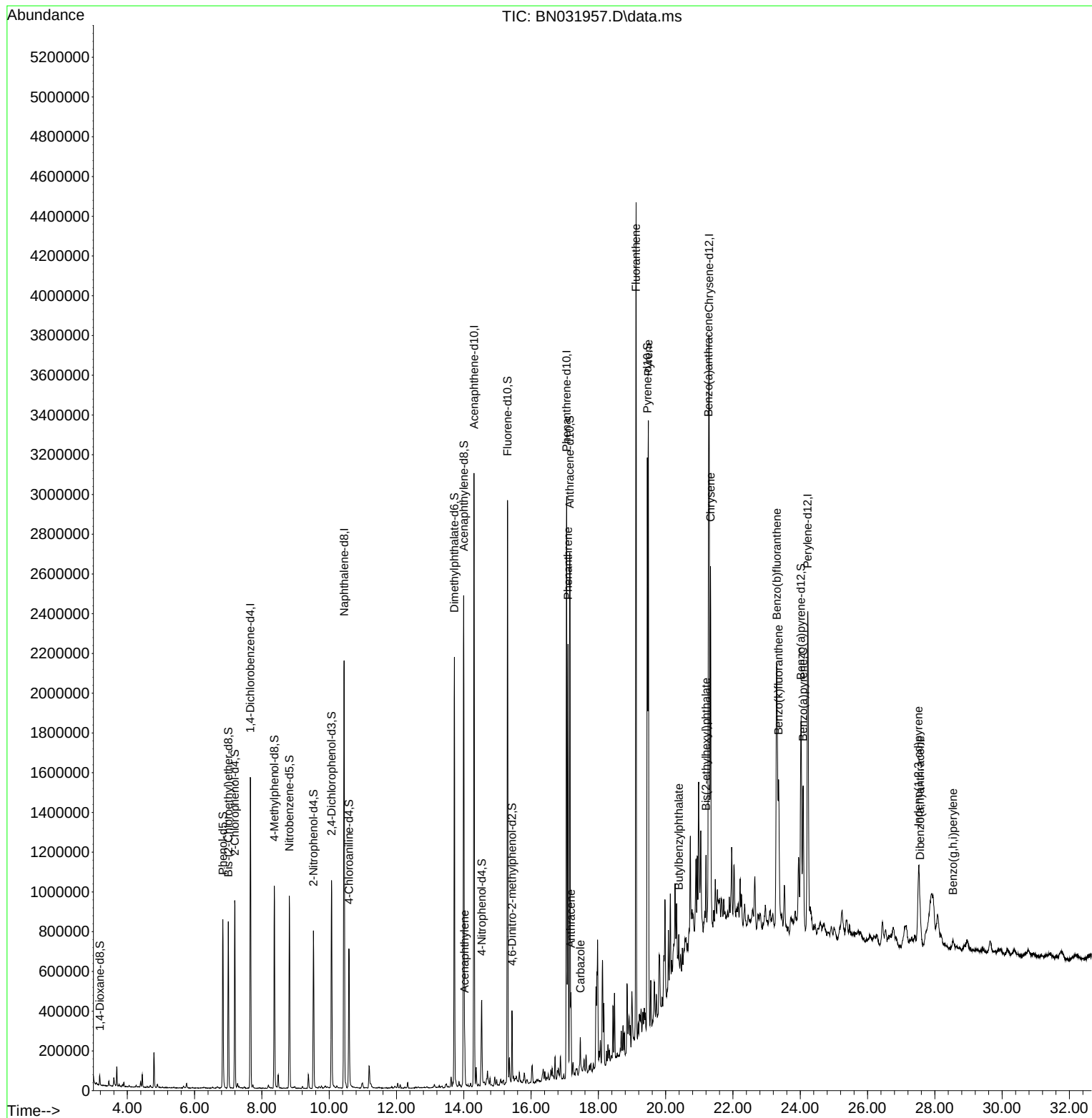
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061224\
 Data File : BN031957.D
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 Operator : MA/JU
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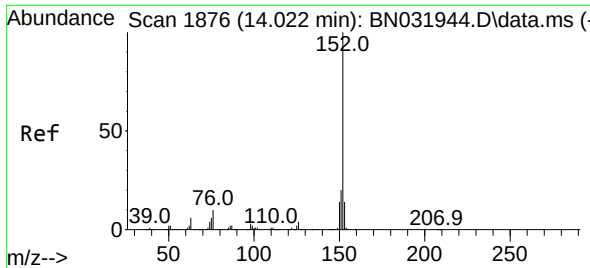
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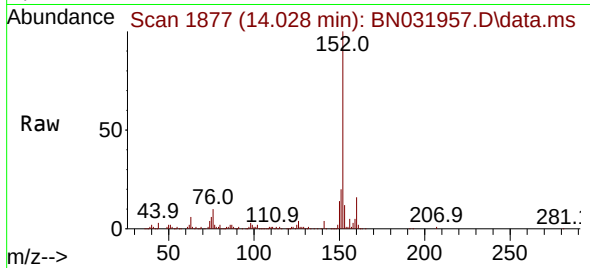
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 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
 Quant Title : SVOA CALIBRATION
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#50
Acenaphthylene
Concen: 1.565 ng/ul
RT: 14.028 min Scan# 1876
Delta R.T. 0.000 min
Lab File: BN031957.D
Acq: 13 Jun 2024 01:13

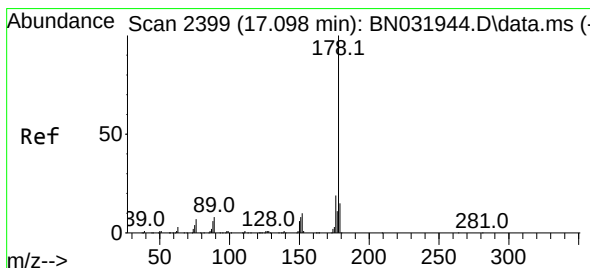
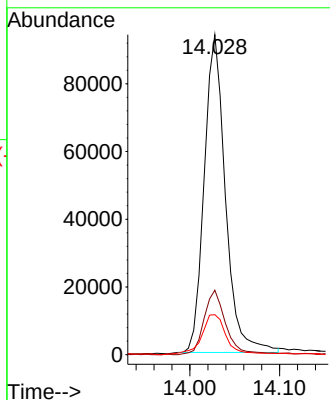
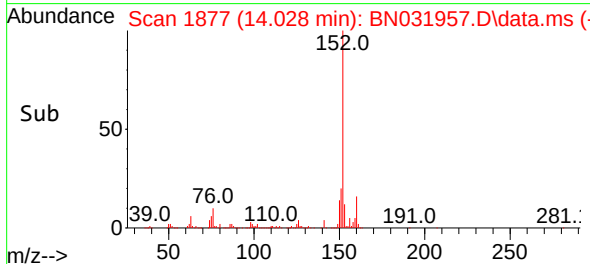
Instrument :
BNA_N
ClientSampleId :
BH678



Tgt Ion:152 Resp: 15444
Ion Ratio Lower Upper
152 100
151 20.2 15.9 23.9
153 12.5 10.4 15.6

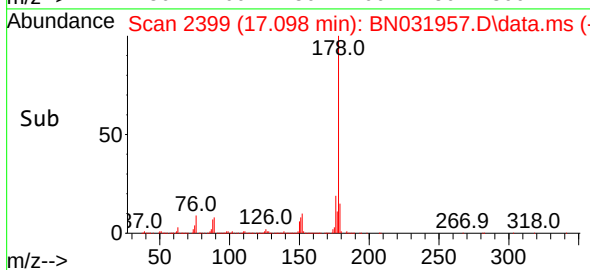
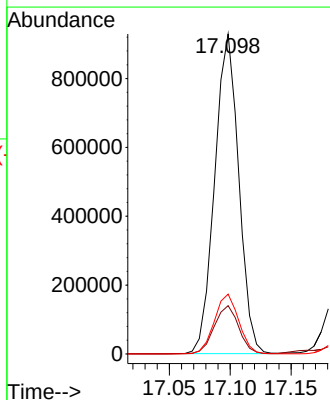
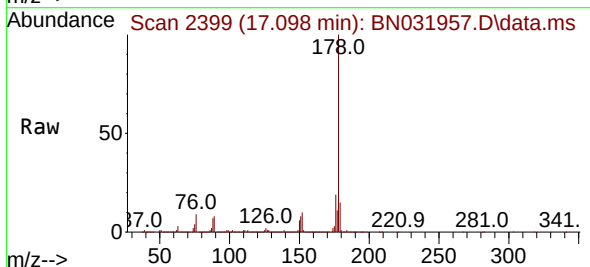
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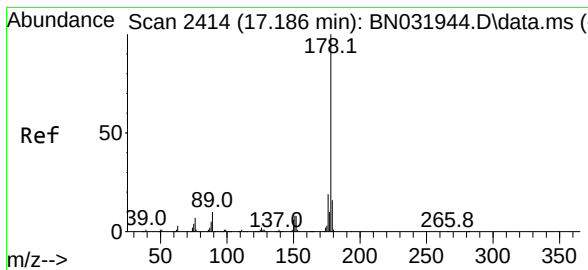
Reviewed By :Jagrut Upadhyay 06/13/2024
Supervised By :mohammad ahmed 06/14/2024



#72
Phenanthrene
Concen: 14.214 ng/ul
RT: 17.098 min Scan# 2399
Delta R.T. 0.000 min
Lab File: BN031957.D
Acq: 13 Jun 2024 01:13

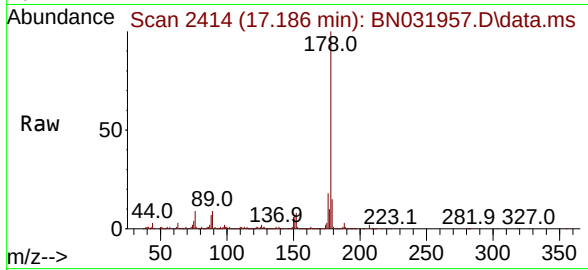
Tgt Ion:178 Resp: 1275785
Ion Ratio Lower Upper
178 100
179 15.1 12.6 19.0
176 18.7 15.8 23.6





#74
 Anthracene
 Concen: 2.727 ng/ul
 RT: 17.186 min Scan# 2414
 Delta R.T. 0.000 min
 Lab File: BN031957.D
 Acq: 13 Jun 2024 01:13

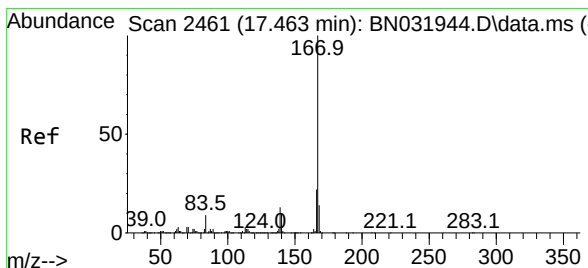
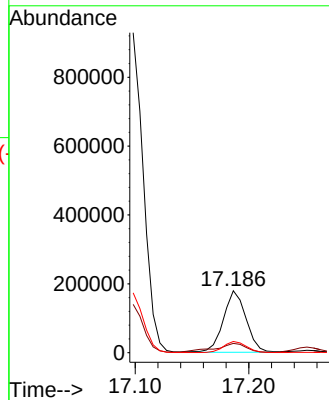
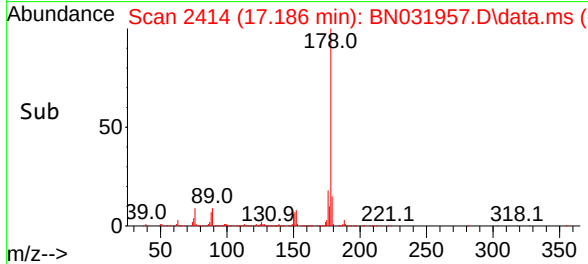
Instrument :
 BNA_N
 ClientSampleId :
 BH678



Tgt Ion:178 Resp: 248049
 Ion Ratio Lower Upper
 178 100
 179 15.0 11.8 17.6
 176 18.1 14.8 22.2

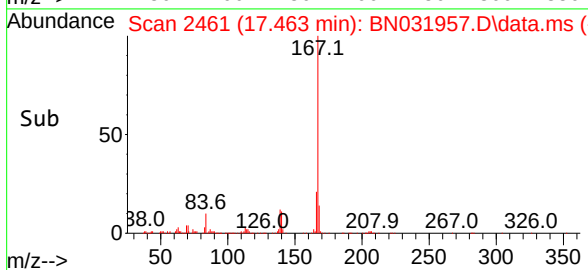
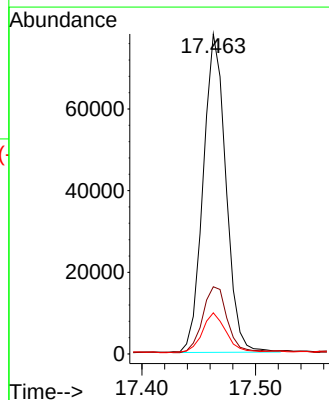
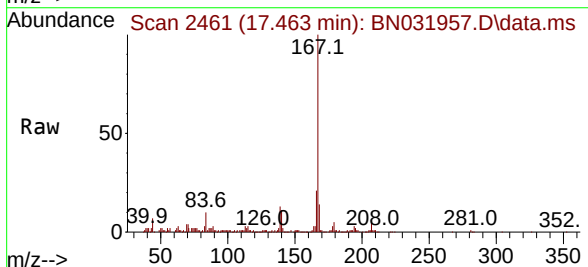
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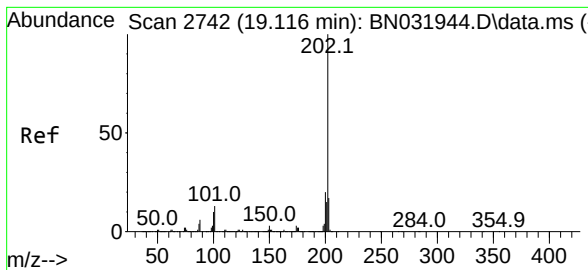
Reviewed By :Jagrut Upadhyay 06/13/2024
 Supervised By :mohammad ahmed 06/14/2024



#77
 Carbazole
 Concen: 1.396 ng/ul
 RT: 17.463 min Scan# 2461
 Delta R.T. 0.000 min
 Lab File: BN031957.D
 Acq: 13 Jun 2024 01:13

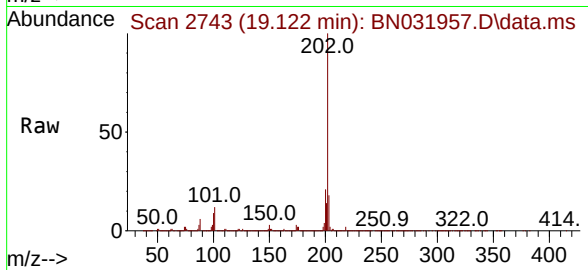
Tgt Ion:167 Resp: 108286
 Ion Ratio Lower Upper
 167 100
 166 21.0 17.9 26.9
 139 12.9 10.5 15.7





#80
 Fluoranthene
 Concen: 31.964 ng/u1
 RT: 19.122 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BN031957.D
 Acq: 13 Jun 2024 01:13

Instrument :
 BNA_N
 ClientSampleId :
 BH678

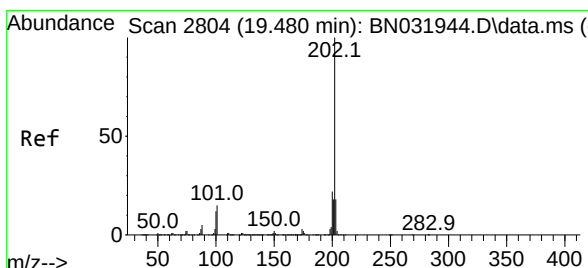
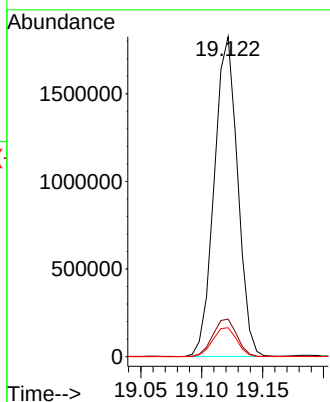
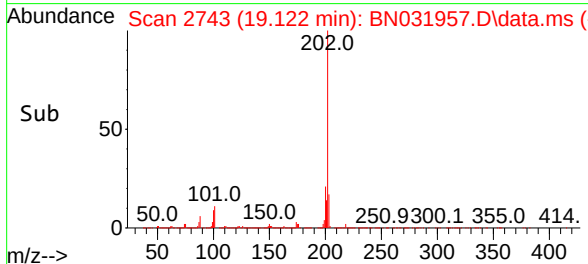


Tgt Ion:202 Resp: 244202

Ion	Ratio	Lower	Upper
202	100		
101	11.8	10.3	15.5
100	9.1	8.0	12.0

Manual Integrations
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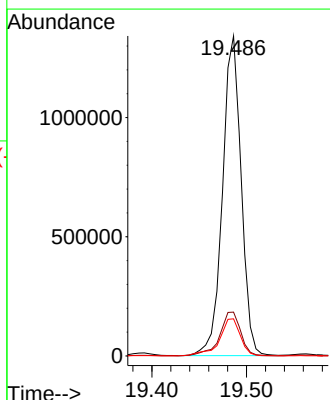
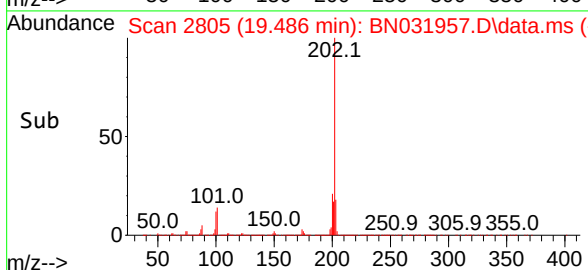
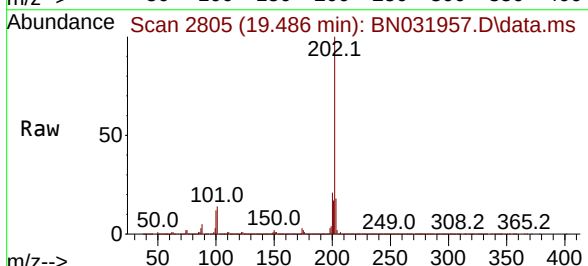
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 Supervised By :mohammad ahmed 06/14/2024

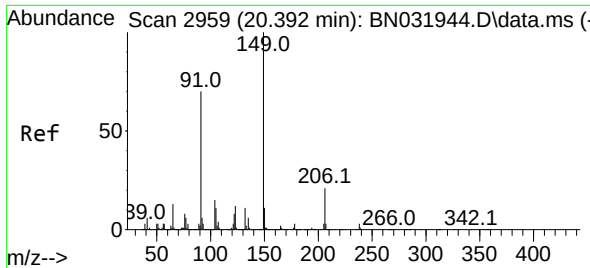


#82
 Pyrene
 Concen: 23.408 ng/u1
 RT: 19.486 min Scan# 2805
 Delta R.T. 0.000 min
 Lab File: BN031957.D
 Acq: 13 Jun 2024 01:13

Tgt Ion:202 Resp: 1834844

Ion	Ratio	Lower	Upper
202	100		
101	13.7	12.6	18.8
100	11.6	10.2	15.2





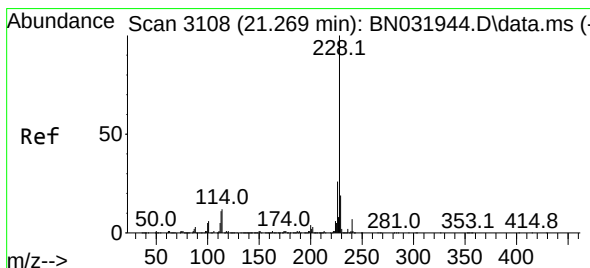
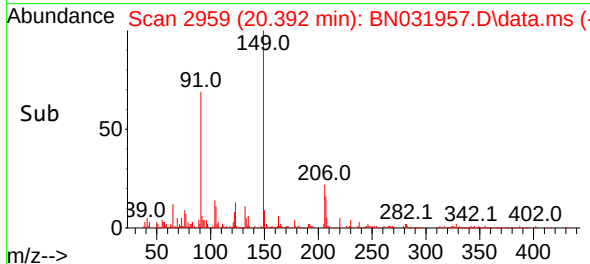
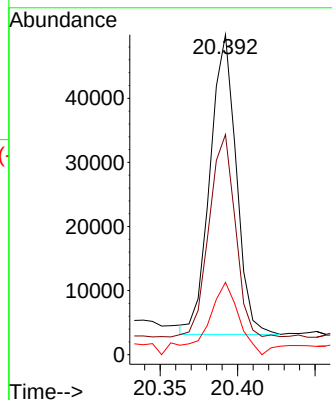
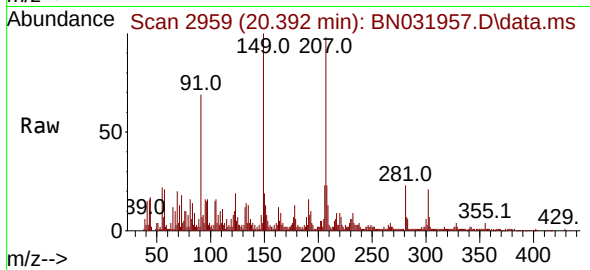
#83
Butylbenzylphthalate
Concen: 1.483 ng/ul
RT: 20.392 min Scan# 2959
Delta R.T. 0.000 min
Lab File: BN031957.D
Acq: 13 Jun 2024 01:13

Instrument :
BNA_N
ClientSampleId :
BH678

Tgt Ion:149 Resp: 54900
Ion Ratio Lower Upper
149 100
91 68.8 61.0 91.4
206 22.6 16.5 24.7

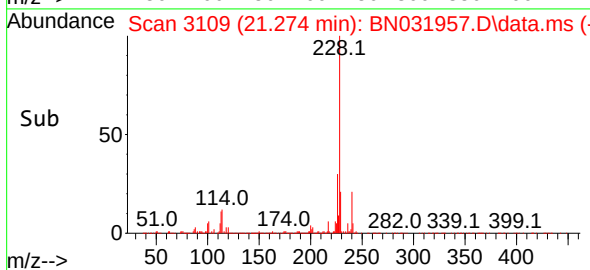
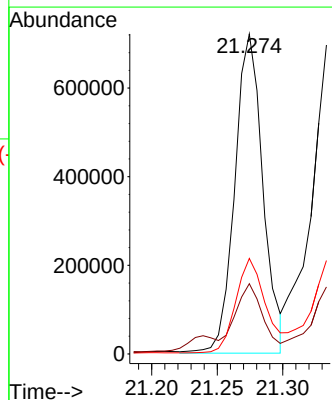
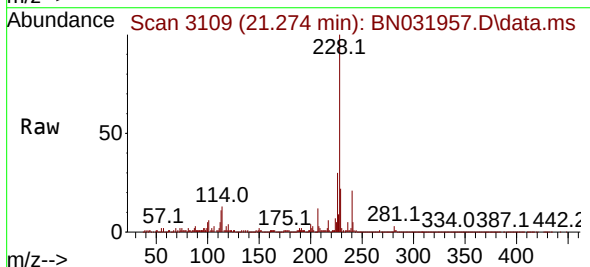
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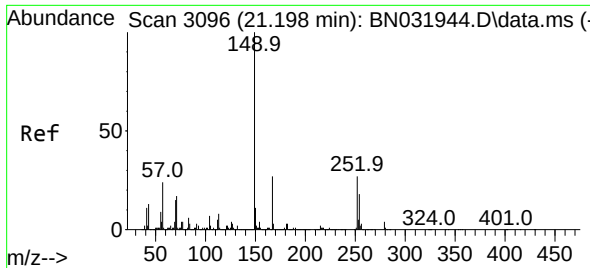
Reviewed By :Jagrut Upadhyay 06/13/2024
Supervised By :mohammad ahmed 06/14/2024



#85
Benzo(a)anthracene
Concen: 13.457 ng/ul
RT: 21.274 min Scan# 3109
Delta R.T. 0.000 min
Lab File: BN031957.D
Acq: 13 Jun 2024 01:13

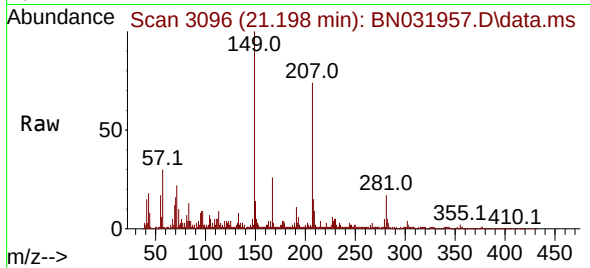
Tgt Ion:228 Resp: 1076042
Ion Ratio Lower Upper
228 100
229 21.9 16.7 25.1
226 29.8 22.8 34.2





#86
Bis(2-ethylhexyl)phthalate
Concen: 2.869 ng/ul
RT: 21.198 min Scan# 3096
Delta R.T. -0.006 min
Lab File: BN031957.D
Acq: 13 Jun 2024 01:13

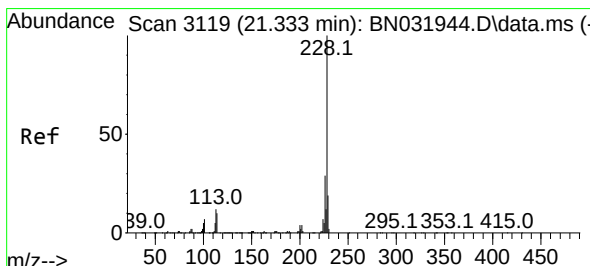
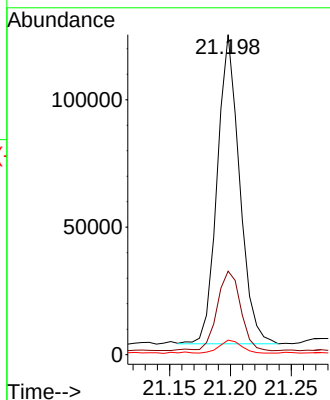
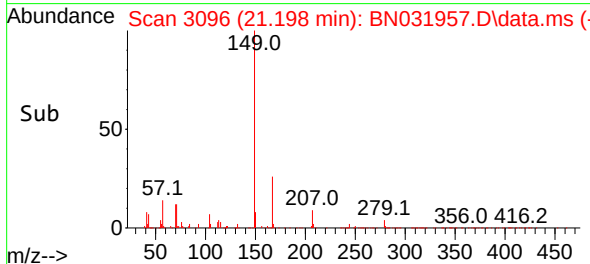
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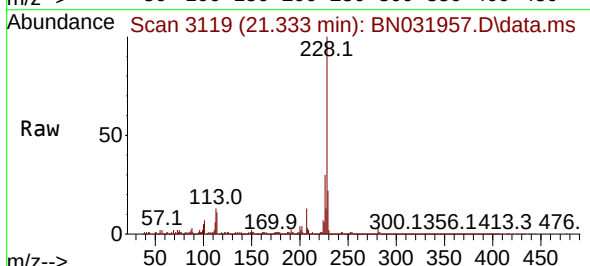
Tgt Ion:149 Resp: 154852
Ion Ratio Lower Upper
149 100
167 26.1 21.4 32.0
279 4.5 3.3 4.9

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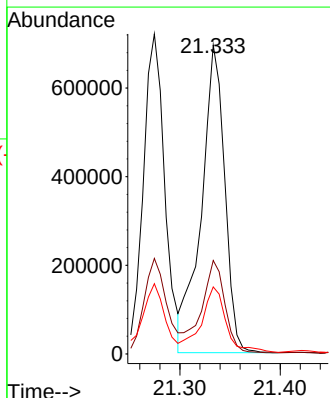
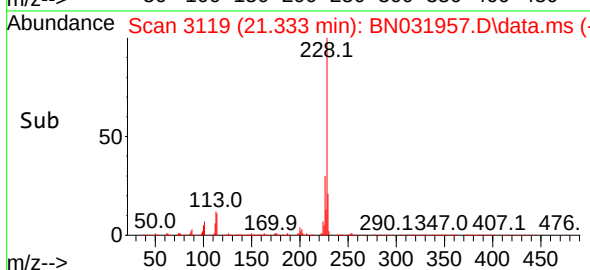
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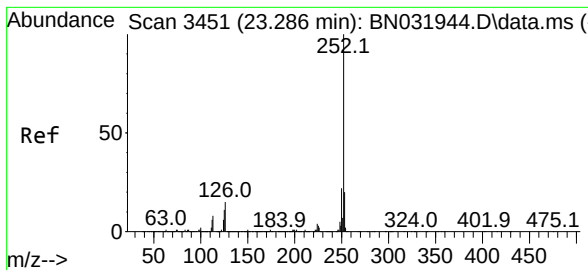


#87
Chrysene
Concen: 15.135 ng/ul
RT: 21.333 min Scan# 3119
Delta R.T. 0.000 min
Lab File: BN031957.D
Acq: 13 Jun 2024 01:13



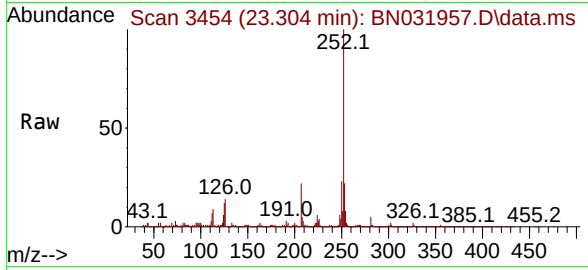
Tgt Ion:228 Resp: 1130424
Ion Ratio Lower Upper
228 100
226 30.2 23.7 35.5
229 21.7 15.1 22.7





#90
Benzo(b)fluoranthene
Concen: 18.291 ng/ul
RT: 23.304 min Scan# 3451
Delta R.T. 0.012 min
Lab File: BN031957.D
Acq: 13 Jun 2024 01:13

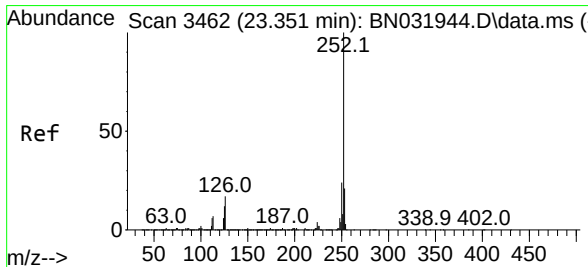
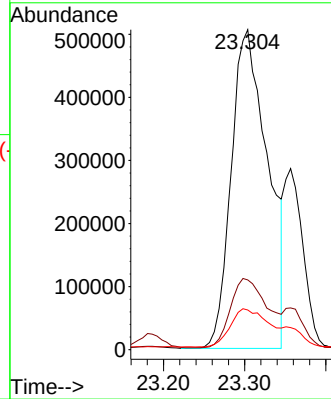
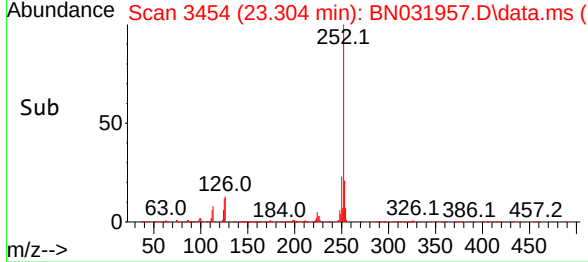
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BH678



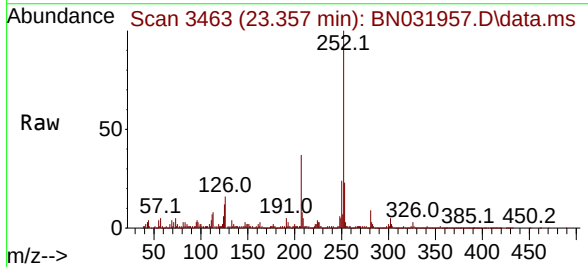
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Ion Ratio Lower Upper
252 100
253 21.8 17.0 25.6
125 12.4 9.2 13.8

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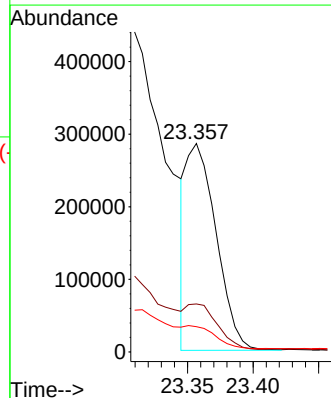
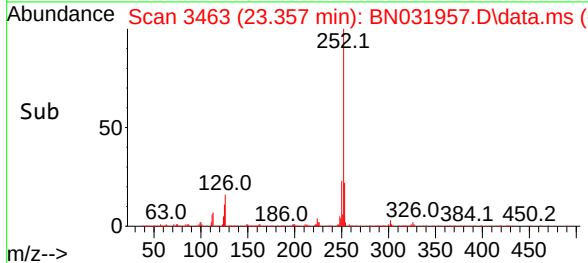
Reviewed By :Jagrut Upadhyay 06/13/2024
Supervised By :mohammad ahmed 06/14/2024

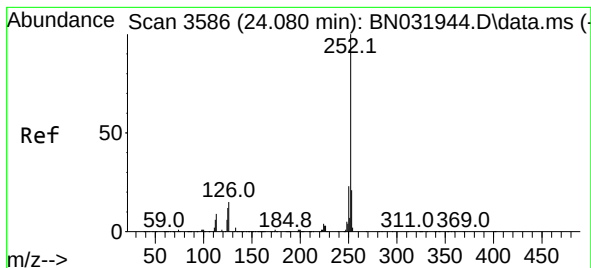


#91
Benzo(k)fluoranthene
Concen: 5.301 ng/ul
RT: 23.357 min Scan# 3463
Delta R.T. 0.006 min
Lab File: BN031957.D
Acq: 13 Jun 2024 01:13



Tgt Ion:252 Resp: 449225
Ion Ratio Lower Upper
252 100
253 23.1 17.6 26.4
125 12.2 9.4 14.2





#93

Benzo(a)pyrene

Concen: 8.126 ng/ul

RT: 24.086 min Scan# 3

Delta R.T. 0.006 min

Lab File: BN031957.D

Acq: 13 Jun 2024 01:13

Instrument :

BNA_N

ClientSampleId :

BH678

Tgt Ion:252 Resp: 657210

Ion Ratio Lower Upper

252 100

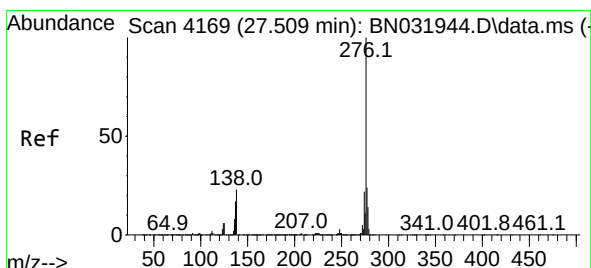
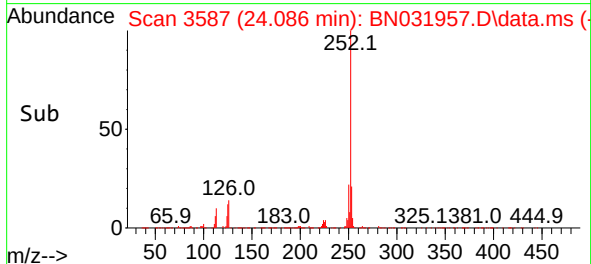
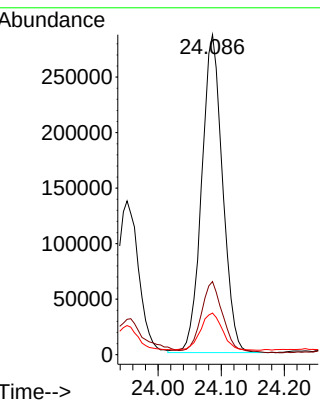
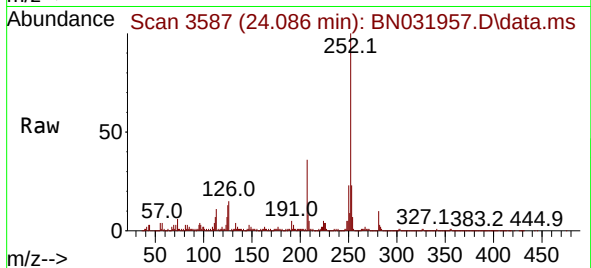
253 22.9 16.6 24.8

125 13.0 9.8 14.8

Manual Integrations

APPROVED

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



#94

Indeno(1,2,3-cd)pyrene

Concen: 6.236 ng/ul

RT: 27.515 min Scan# 4170

Delta R.T. 0.000 min

Lab File: BN031957.D

Acq: 13 Jun 2024 01:13

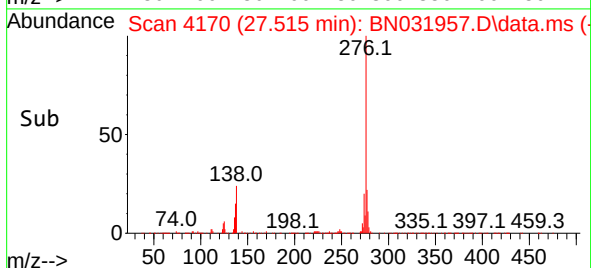
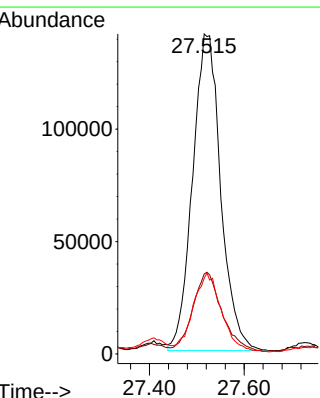
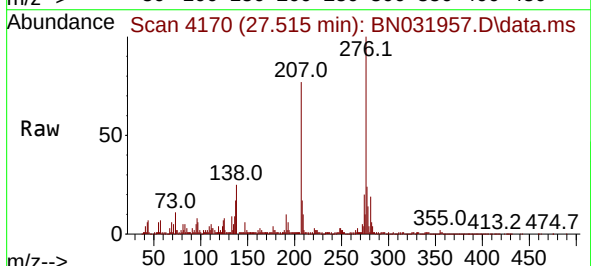
Tgt Ion:276 Resp: 581183

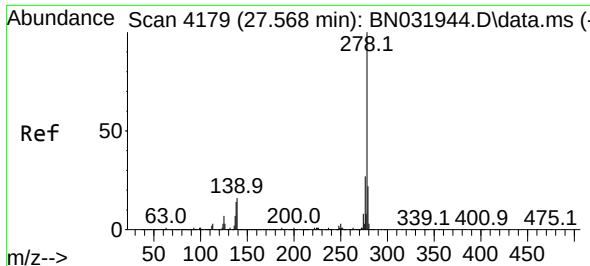
Ion Ratio Lower Upper

276 100

138 25.0 18.1 27.1

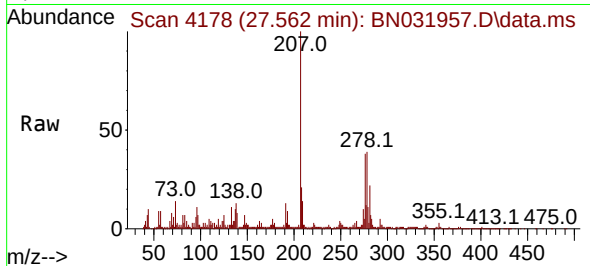
277 23.7 18.2 27.2





#95
Dibenzo(a,h)anthracene
Concen: 2.661 ng/ul
RT: 27.562 min Scan# 4178
Delta R.T. -0.018 min
Lab File: BN031957.D
Acq: 13 Jun 2024 01:13

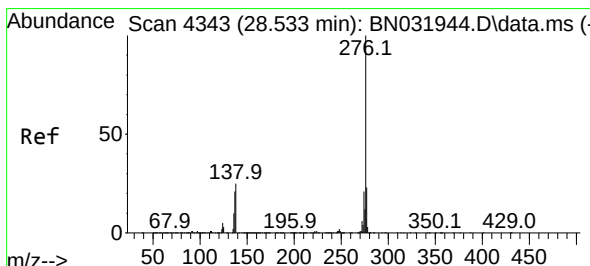
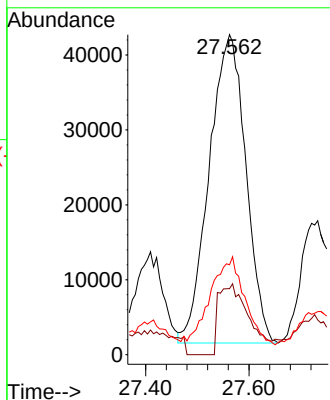
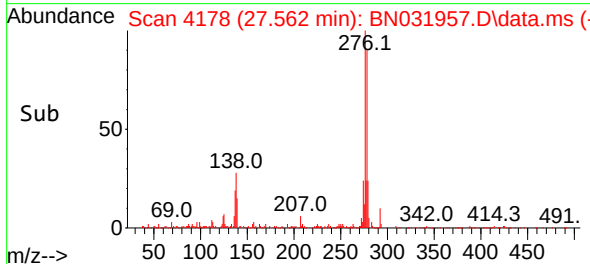
Instrument :
BNA_N
ClientSampleId :
BH678



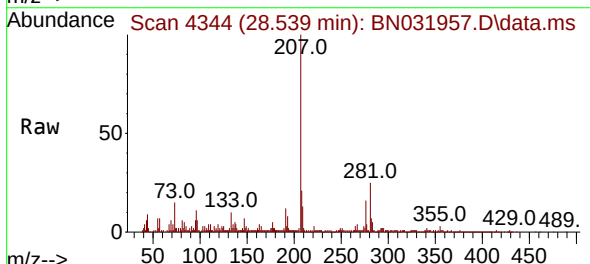
Tgt Ion:278 Resp: 202470
Ion Ratio Lower Upper
278 100
139 20.6 15.0 22.6
279 28.1 17.4 26.0

Manual Integrations
APPROVED

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



#96
Benzo(g,h,i)perylene
Concen: 1.107 ng/ul m
RT: 28.539 min Scan# 4344
Delta R.T. -0.006 min
Lab File: BN031957.D
Acq: 13 Jun 2024 01:13



Tgt Ion:276 Resp: 82039
Ion Ratio Lower Upper
276 100
138 28.1 20.9 31.3
277 26.5 18.0 27.0

