

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060624\
 Data File : BN031819.D
 Acq On : 06 Jun 2024 15:15
 Operator : MA/JU
 Sample : P2634-16
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BHBYO

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 06/07/2024
 Supervised By :mohammad ahmed 06/08/2024

Quant Time: Jun 06 15:45:14 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 29 15:13:07 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.669	152	355639	20.000	ng/u1	-0.02
20) Naphthalene-d8	10.451	136	1498225	20.000	ng/u1	-0.02
38) Acenaphthene-d10	14.316	164	896846	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.063	188	1845898	20.000	ng/u1	0.00
79) Chrysene-d12	21.298	240	1478970	20.000	ng/u1	0.00
88) Perylene-d12	24.233	264	1343700	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.181	96	44752	5.206	ng/uL	-0.01
4) Pyridine-d5	3.593	84	153592	6.347	ng/u1	0.00
7) Phenol-d5	6.846	99	870543	28.553	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.011	67	492015	27.590	ng/u1	-0.02
11) 2-Chlorophenol-d4	7.205	132	693206	29.798	ng/u1	-0.01
15) 4-Methylphenol-d8	8.375	113	604344	24.317	ng/u1	-0.01
21) Nitrobenzene-d5	8.828	128	343500	29.986	ng/u1	-0.01
24) 2-Nitrophenol-d4	9.546	143	360082	30.430	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.075	165	634829	28.736	ng/u1	-0.01
31) 4-Chloroaniline-d4	10.599	131	493967	15.060	ng/u1	-0.01
46) Dimethylphthalate-d6	13.728	166	1875775	30.022	ng/u1	-0.02
49) Acenaphthylene-d8	14.004	160	2198692	30.605	ng/u1	-0.01
54) 4-Nitrophenol-d4	14.522	143	317418	25.373	ng/u1	0.00
60) Fluorene-d10	15.310	176	1684382	31.862	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.439	200	241893	26.071	ng/u1	0.00
73) Anthracene-d10	17.163	188	2582269	32.676	ng/u1	0.00
81) Pyrene-d10	19.463	212	2825526	35.702	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.039	264	1558788	24.295	ng/u1	0.00
Target Compounds					Qvalue	
50) Acenaphthylene	14.034	152	103334	1.273	ng/u1	99
72) Phenanthrene	17.104	178	773858	8.230	ng/u1	99
74) Anthracene	17.192	178	137116	1.439	ng/u1	100
80) Fluoranthene	19.128	202	1798256	19.012	ng/u1	99
82) Pyrene	19.492	202	1491457	15.369	ng/u1	97
85) Benzo(a)anthracene	21.286	228	839292	8.478	ng/u1	99
86) Bis(2-ethylhexyl)phtha...	21.216	149	1277603	19.122	ng/u1	99
87) Chrysene	21.345	228	947159	10.243	ng/u1	96
90) Benzo(b)fluoranthene	23.316	252	982363	12.231	ng/u1	97
91) Benzo(k)fluoranthene	23.368	252	324144	4.113	ng/u1	97
93) Benzo(a)pyrene	24.104	252	426676	5.672	ng/u1	97
94) Indeno(1,2,3-cd)pyrene	27.539	276	361785	4.174	ng/u1	100
95) Dibenzo(a,h)anthracene	27.580	278	123221m	1.741	ng/u1	

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

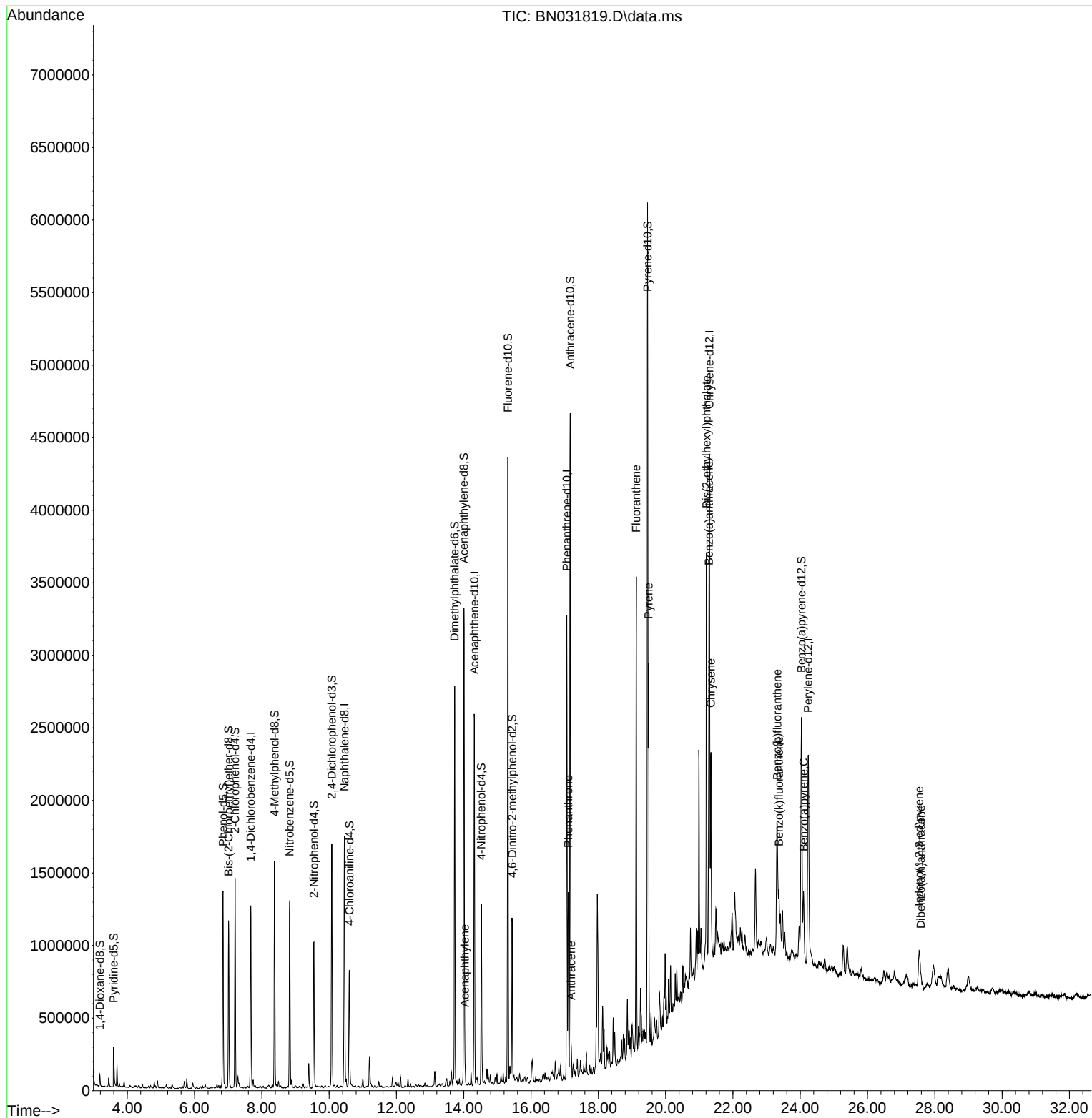
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060624\
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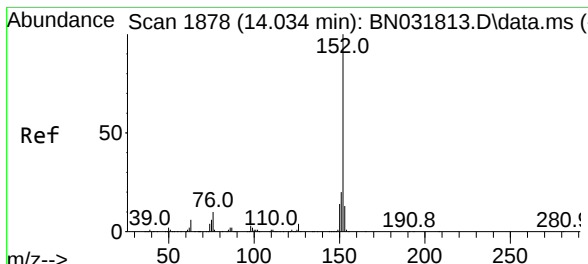
Instrument :
 BNA_N
 ClientSampleId :
 BHBY0

Manual Integrations APPROVED

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 Supervised By :mohammad ahmed 06/08/2024

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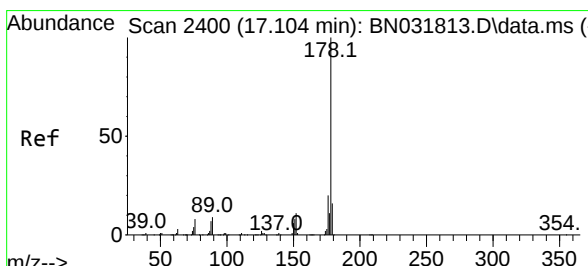
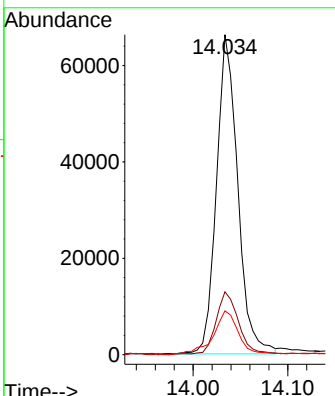
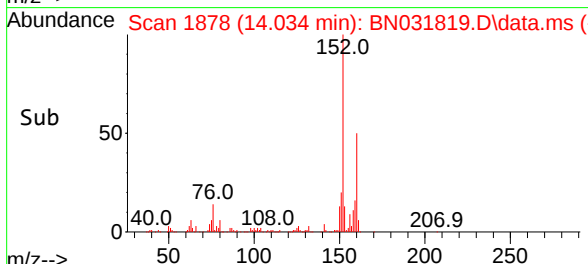
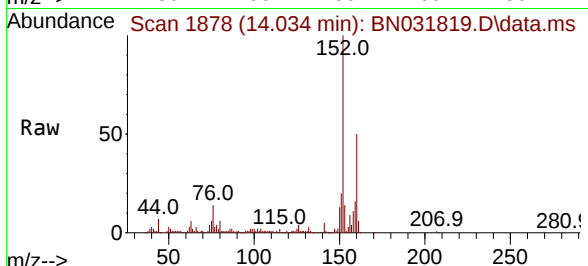
#50
 Acenaphthylene
 Concen: 1.273 ng/ul
 RT: 14.034 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: BN031819.D
 Acq: 06 Jun 2024 15:15

Instrument : BNA_N
 ClientSampleId : BHBY0

Tgt Ion:	152	Resp:	103334
Ion Ratio	Lower	Upper	
152	100		
151	19.6	15.9	23.9
153	13.7	10.4	15.6

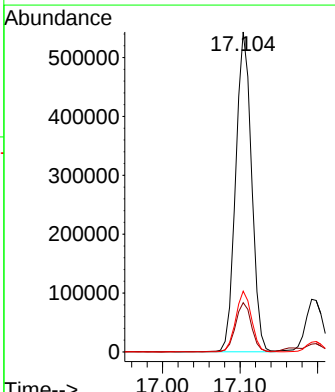
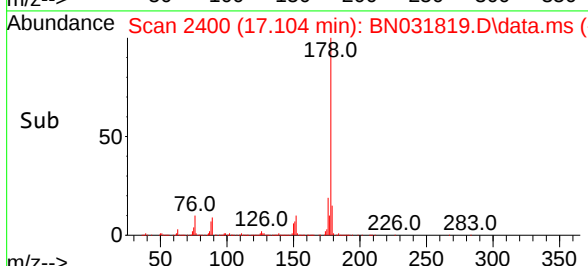
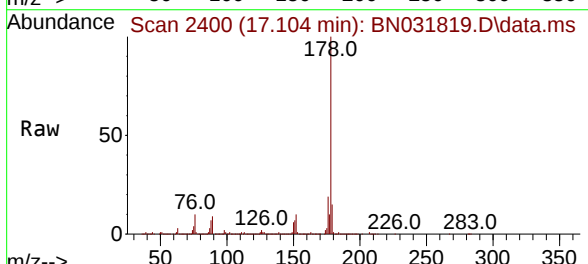
Manual Integrations
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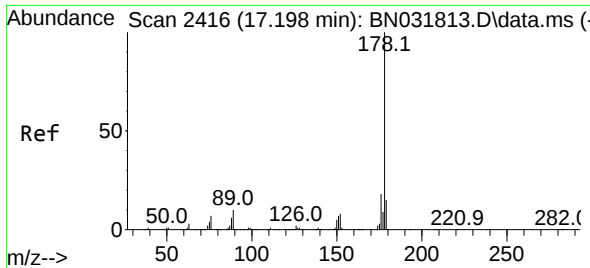
Reviewed By :Jagrut Upadhyay 06/07/2024
 Supervised By :mohammad ahmed 06/08/2024



#72
 Phenanthrene
 Concen: 8.230 ng/ul
 RT: 17.104 min Scan# 2400
 Delta R.T. -0.012 min
 Lab File: BN031819.D
 Acq: 06 Jun 2024 15:15

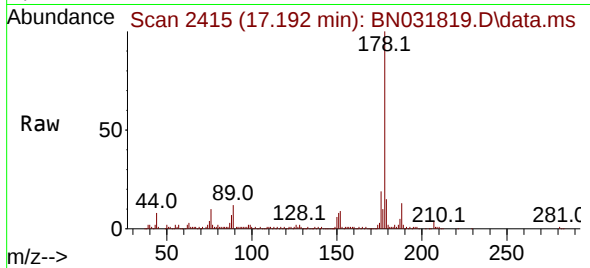
Tgt Ion:	178	Resp:	773858
Ion Ratio	Lower	Upper	
178	100		
179	15.4	12.6	19.0
176	19.0	15.8	23.6





#74
 Anthracene
 Concen: 1.439 ng/ul
 RT: 17.192 min Scan# 2416
 Delta R.T. -0.012 min
 Lab File: BN031819.D
 Acq: 06 Jun 2024 15:15

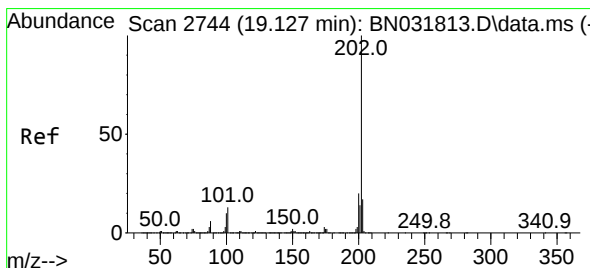
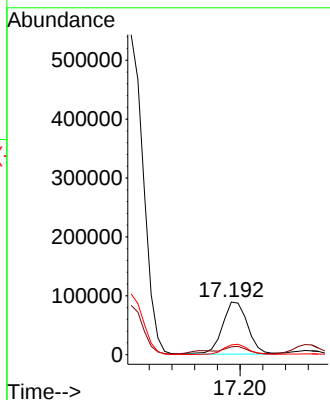
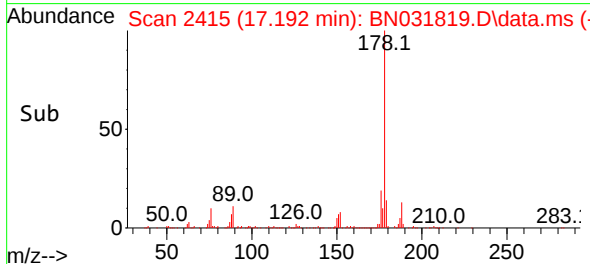
Instrument :
 BNA_N
 ClientSampleId :
 BHBY0



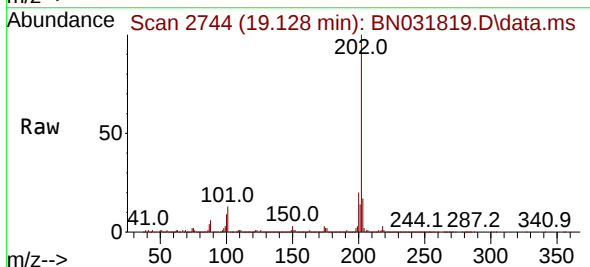
Tgt Ion:178 Resp: 137110
 Ion Ratio Lower Upper
 178 100
 179 14.9 11.8 17.6
 176 18.7 14.8 22.2

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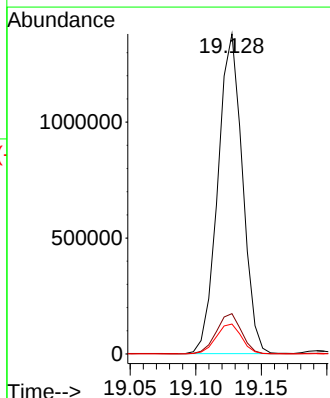
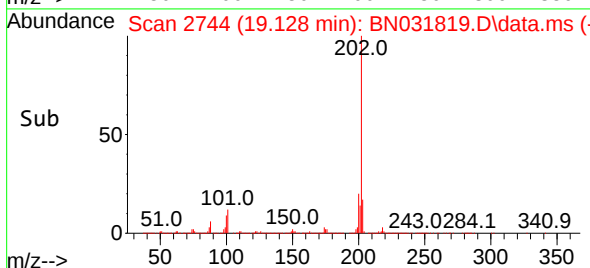
Reviewed By :Jagrut Upadhyay 06/07/2024
 Supervised By :mohammad ahmed 06/08/2024

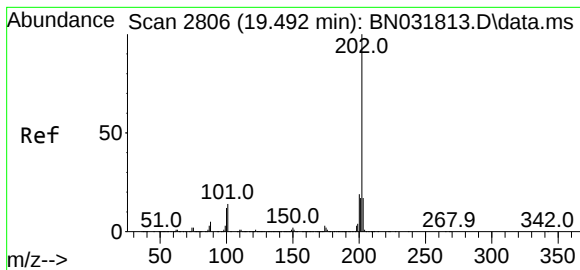


#80
 Fluoranthene
 Concen: 19.012 ng/ul
 RT: 19.128 min Scan# 2744
 Delta R.T. -0.006 min
 Lab File: BN031819.D
 Acq: 06 Jun 2024 15:15



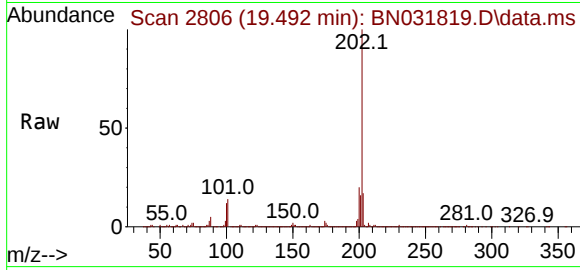
Tgt Ion:202 Resp: 1798256
 Ion Ratio Lower Upper
 202 100
 101 12.6 10.3 15.5
 100 9.3 8.0 12.0





#82
 Pyrene
 Concen: 15.369 ng/ul
 RT: 19.492 min Scan# 2806
 Delta R.T. -0.000 min
 Lab File: BN031819.D
 Acq: 06 Jun 2024 15:15

Instrument : BNA_N
 ClientSampleId : BHBY0

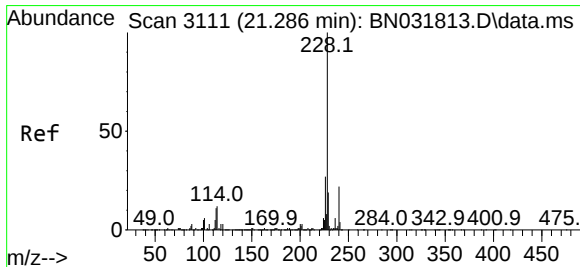
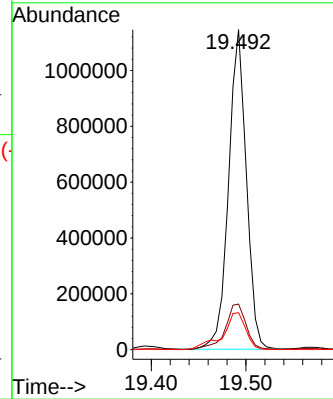
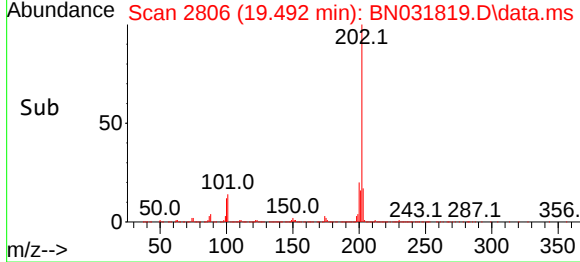


Tgt Ion: 202 Resp: 149145

Ion	Ratio	Lower	Upper
202	100		
101	14.3	12.6	18.8
100	11.5	10.2	15.2

Manual Integrations
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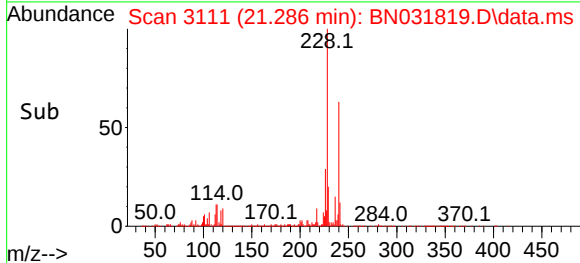
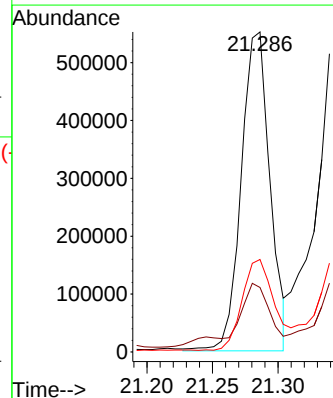
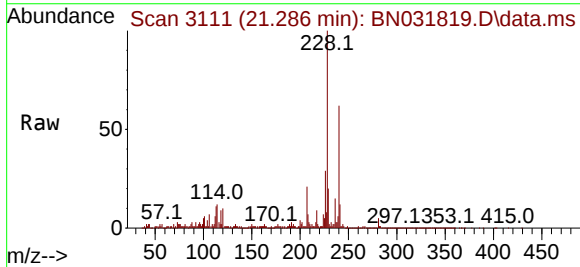
Reviewed By : Jagrut Upadhyay 06/07/2024
 Supervised By : mohammad ahmed 06/08/2024

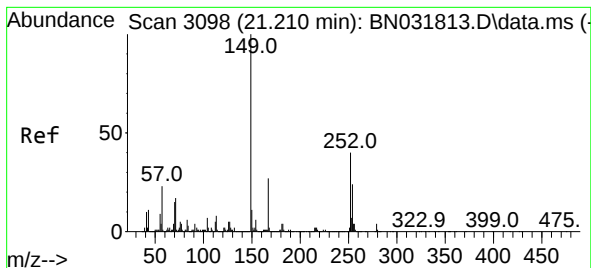


#85
 Benzo(a)anthracene
 Concen: 8.478 ng/ul
 RT: 21.286 min Scan# 3111
 Delta R.T. -0.000 min
 Lab File: BN031819.D
 Acq: 06 Jun 2024 15:15

Tgt Ion: 228 Resp: 839292

Ion	Ratio	Lower	Upper
228	100		
229	20.1	16.7	25.1
226	28.9	22.8	34.2





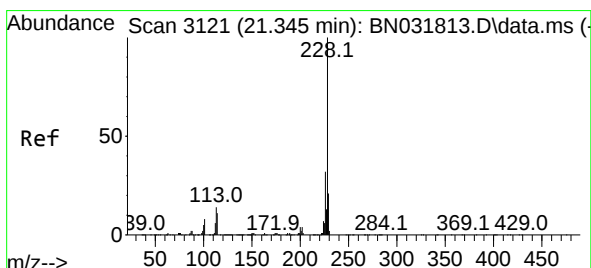
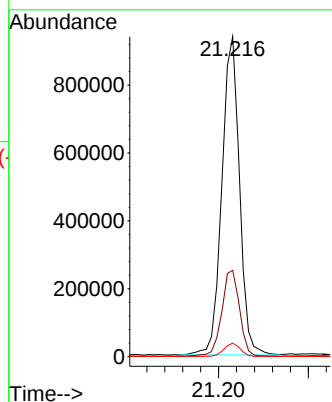
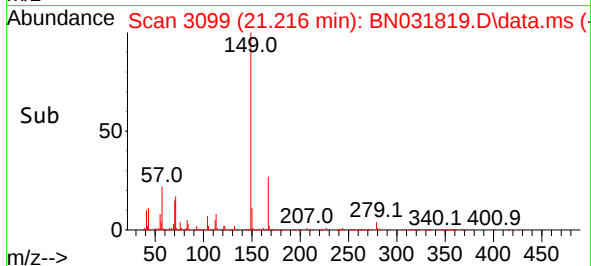
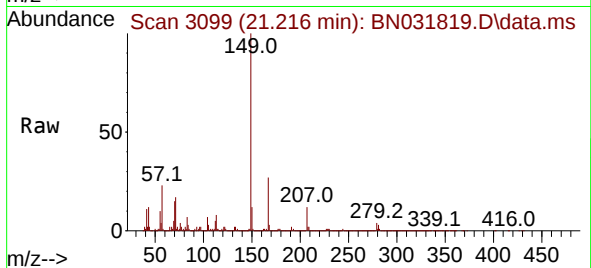
#86
Bis(2-ethylhexyl)phthalate
Concen: 19.122 ng/ul
RT: 21.216 min Scan# 3099
Delta R.T. -0.006 min
Lab File: BN031819.D
Acq: 06 Jun 2024 15:15

Instrument :
BNA_N
ClientSampleId :
BHY0

Tgt Ion:149 Resp: 127760
Ion Ratio Lower Upper
149 100
167 27.0 21.4 32.0
279 4.3 3.3 4.9

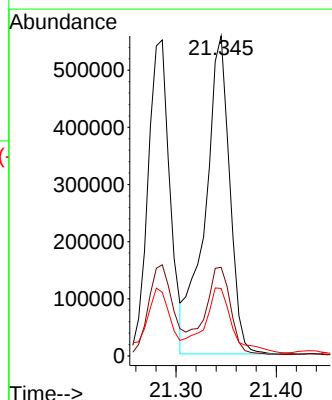
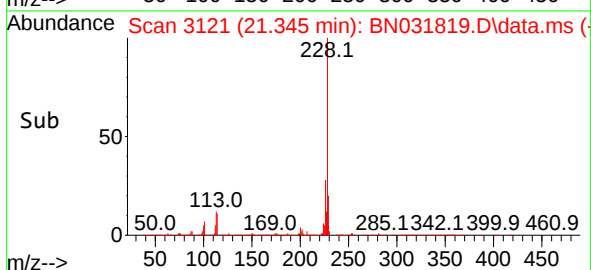
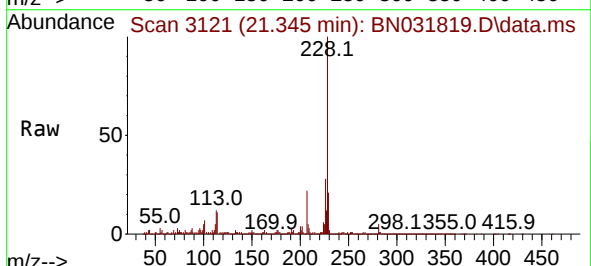
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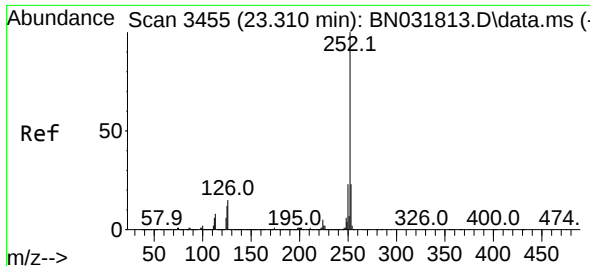
Reviewed By :Jagrut Upadhyay 06/07/2024
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#87
Chrysene
Concen: 10.243 ng/ul
RT: 21.345 min Scan# 3121
Delta R.T. -0.006 min
Lab File: BN031819.D
Acq: 06 Jun 2024 15:15

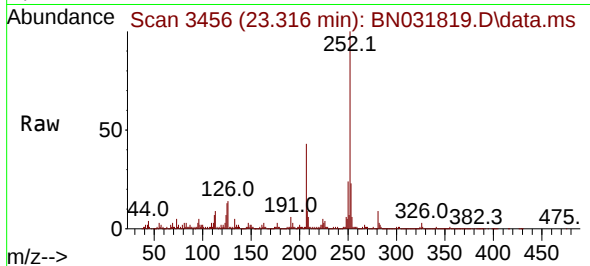
Tgt Ion:228 Resp: 947159
Ion Ratio Lower Upper
228 100
226 27.7 23.7 35.5
229 21.1 15.1 22.7





#90
Benzo(b)fluoranthene
Concen: 12.231 ng/ul
RT: 23.316 min Scan# 3455
Delta R.T. 0.006 min
Lab File: BN031819.D
Acq: 06 Jun 2024 15:15

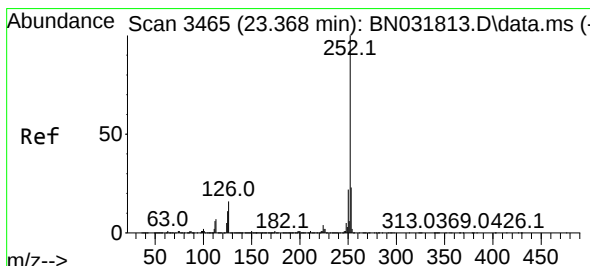
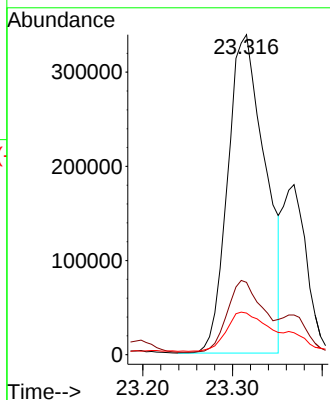
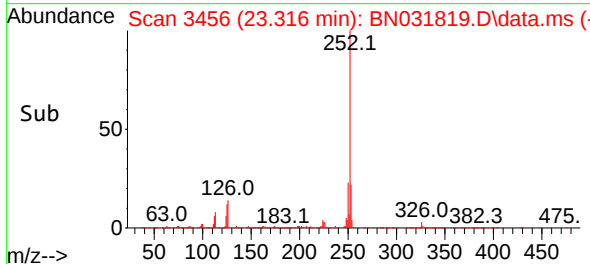
Instrument :
BNA_N
ClientSampleId :
BHY0



Tgt Ion:252 Resp: 98236
Ion Ratio Lower Upper
252 100
253 22.6 17.0 25.6
125 13.0 9.2 13.8

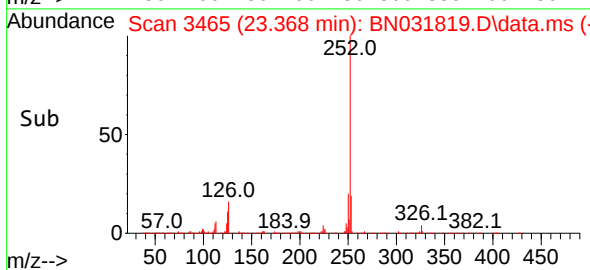
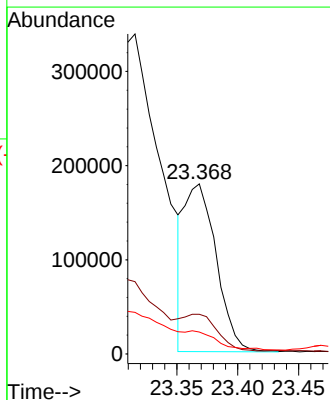
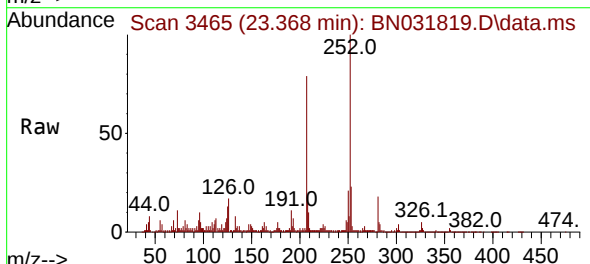
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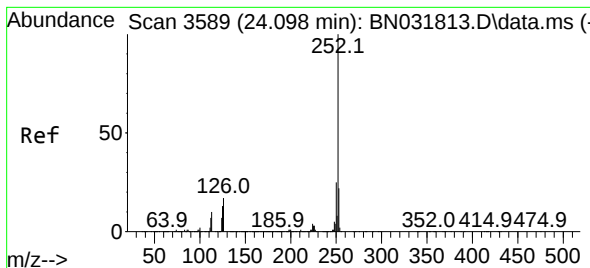
Reviewed By :Jagrut Upadhyay 06/07/2024
Supervised By :mohammad ahmed 06/08/2024



#91
Benzo(k)fluoranthene
Concen: 4.113 ng/ul
RT: 23.368 min Scan# 3465
Delta R.T. -0.006 min
Lab File: BN031819.D
Acq: 06 Jun 2024 15:15

Tgt Ion:252 Resp: 324144
Ion Ratio Lower Upper
252 100
253 23.3 17.6 26.4
125 12.9 9.4 14.2





#93

Benzo(a)pyrene

Concen: 5.672 ng/ul

RT: 24.104 min Scan# 3590

Delta R.T. -0.000 min

Lab File: BN031819.D

Acq: 06 Jun 2024 15:15

Instrument :

BNA_N

ClientSampleId :

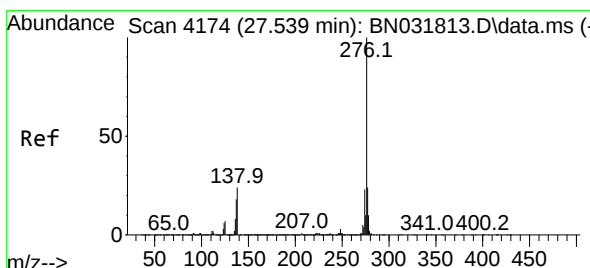
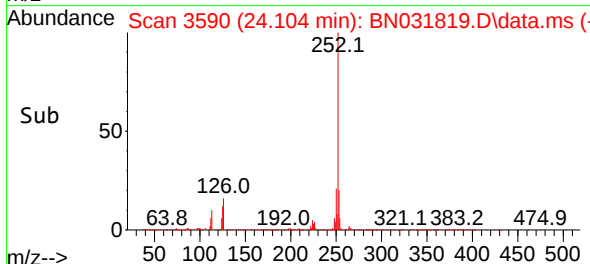
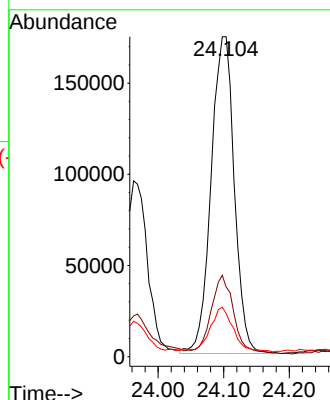
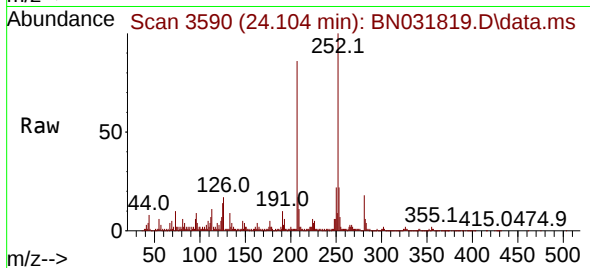
BHBY0

Tgt Ion:252 Resp: 426670
 Ion Ratio Lower Upper
 252 100
 253 21.8 16.6 24.8
 125 13.5 9.8 14.8

Manual Integrations

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 Supervised By :mohammad ahmed 06/08/2024



#94

Indeno(1,2,3-cd)pyrene

Concen: 4.174 ng/ul

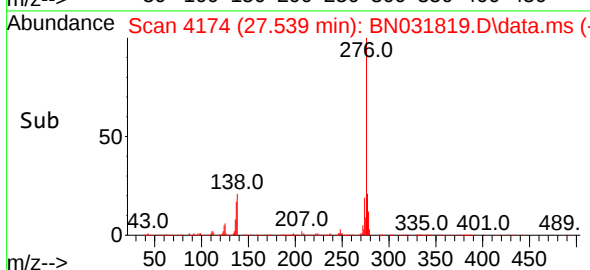
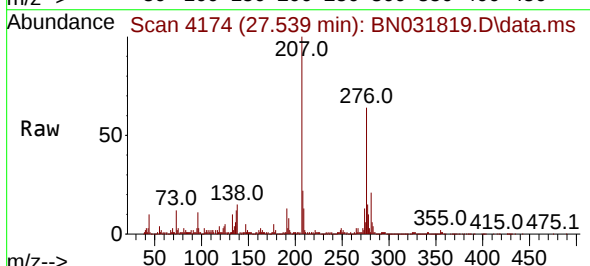
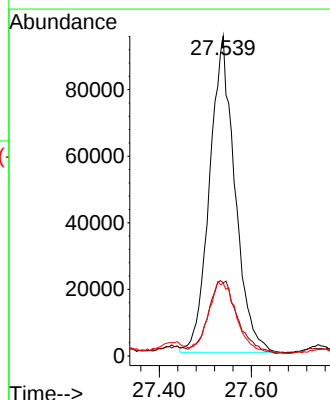
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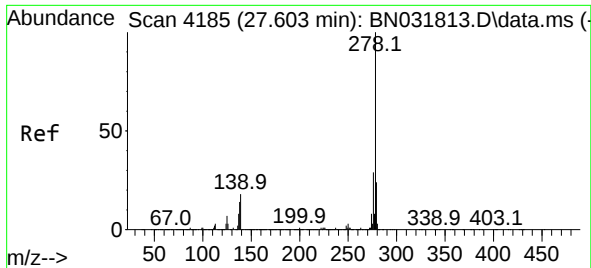
Delta R.T. 0.006 min

Lab File: BN031819.D

Acq: 06 Jun 2024 15:15

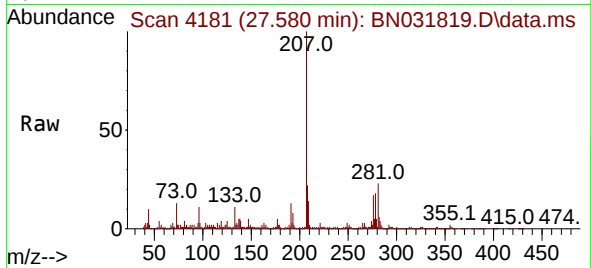
Tgt Ion:276 Resp: 361785
 Ion Ratio Lower Upper
 276 100
 138 22.9 18.1 27.1
 277 22.7 18.2 27.2





#95
 Dibenzo(a,h)anthracene
 Concen: 1.741 ng/ul m
 RT: 27.580 min Scan# 41
 Delta R.T. -0.024 min
 Lab File: BN031819.D
 Acq: 06 Jun 2024 15:15

Instrument :
 BNA_N
 ClientSampleId :
 BHBY0



Tgt Ion:278 Resp: 12322
 Ion Ratio Lower Upper
 278 100
 139 20.2 15.0 22.6
 279 27.9 17.4 26.0

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 06/07/2024
 Supervised By :mohammad ahmed 06/08/2024

