

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060624\
 Data File : BN031825.D
 Acq On : 06 Jun 2024 19:13
 Operator : MA/JU
 Sample : P2634-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BHBW8

Manual Integrations
 APPROVED

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

Quant Time: Jun 06 23:47:37 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	446814	20.000	ng/u1	-0.02
20) Naphthalene-d8	10.452	136	1841140	20.000	ng/u1	-0.02
38) Acenaphthene-d10	14.316	164	1089477	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.063	188	2203394	20.000	ng/u1	0.00
79) Chrysene-d12	21.298	240	1339885	20.000	ng/u1	0.00
88) Perylene-d12	24.239	264	1500988	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.187	96	56415	5.223	ng/uL	0.00
4) Pyridine-d5	3.587	84	681903	22.429	ng/u1	-0.01
7) Phenol-d5	6.846	99	1060089	27.675	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.011	67	598518	26.713	ng/u1	-0.02
11) 2-Chlorophenol-d4	7.205	132	845673	28.935	ng/u1	-0.01
15) 4-Methylphenol-d8	8.375	113	810114	25.945	ng/u1	-0.01
21) Nitrobenzene-d5	8.828	128	420662	29.882	ng/u1	-0.01
24) 2-Nitrophenol-d4	9.546	143	442768	30.448	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.075	165	755698	27.836	ng/u1	-0.01
31) 4-Chloroaniline-d4	10.593	131	893009	22.155	ng/u1	-0.02
46) Dimethylphthalate-d6	13.728	166	2114382	27.858	ng/u1	-0.02
49) Acenaphthylene-d8	14.004	160	2528647	28.974	ng/u1	-0.01
54) 4-Nitrophenol-d4	14.528	143	361057	23.759	ng/u1	0.00
60) Fluorene-d10	15.310	176	1833453	28.550	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.440	200	254130	22.946	ng/u1	0.00
73) Anthracene-d10	17.163	188	2727929	28.918	ng/u1	0.00
81) Pyrene-d10	19.463	212	2722097	37.965	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.039	264	2042181	28.493	ng/u1	0.00
Target Compounds	Qvalue					
50) Acenaphthylene	14.034	152	295006	2.991	ng/u1	98
72) Phenanthrene	17.104	178	1739054	15.494	ng/u1	99
74) Anthracene	17.198	178	309064	2.717	ng/u1	99
77) Carbazole	17.469	167	132761	1.369	ng/u1	100
80) Fluoranthene	19.128	202	3462574	40.409	ng/u1	99
82) Pyrene	19.492	202	3333528	37.917	ng/u1	98
83) Butylbenzylphthalate	20.398	149	56494	1.361	ng/u1	98
85) Benzo(a)anthracene	21.280	228	1445831	16.121	ng/u1	98
86) Bis(2-ethylhexyl)phtha...	21.210	149	267740	4.423	ng/u1	100
87) Chrysene	21.345	228	1577446	18.830	ng/u1	97
90) Benzo(b)fluoranthene	23.310	252	1960980m	21.857	ng/u1	
91) Benzo(k)fluoranthene	23.369	252	521877	5.928	ng/u1	97
93) Benzo(a)pyrene	24.104	252	1344878	16.005	ng/u1	97
94) Indeno(1,2,3-cd)pyrene	27.539	276	1000398	10.332	ng/u1	99
95) Dibenzo(a,h)anthracene	27.574	278	258636m	3.272	ng/u1	
96) Benzo(g,h,i)perylene	28.568	276	1003819	13.041	ng/u1	98

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

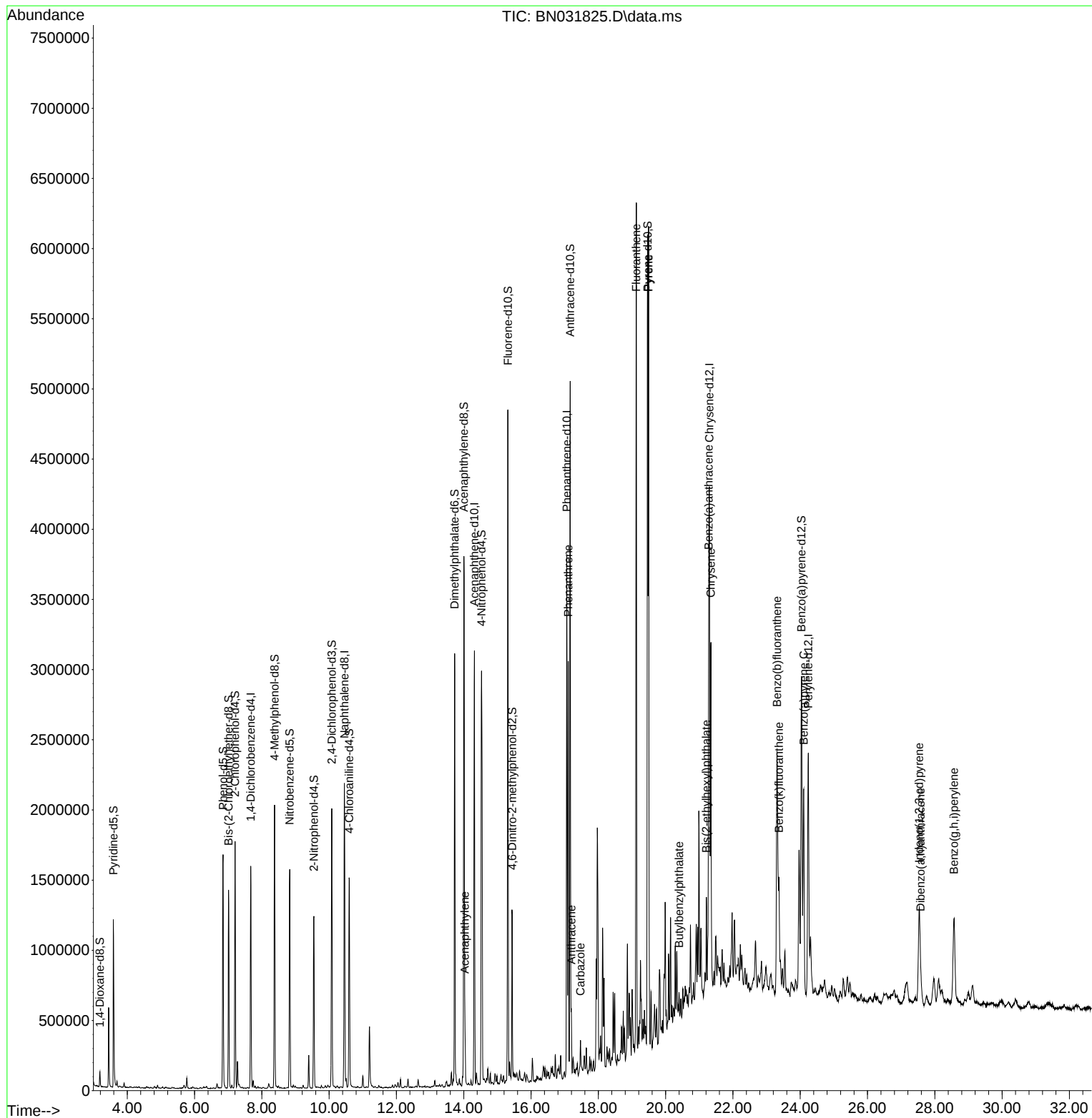
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060624\
 Data File : BN031825.D
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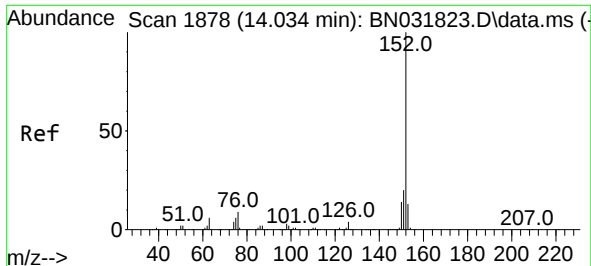
Instrument :
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Quant Time: Jun 06 23:47:37 2024
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 Quant Title : SVOA CALIBRATION
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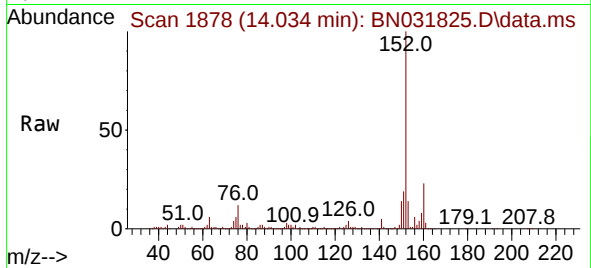
Reviewed By :Jagrut Upadhyay 06/07/2024
 Supervised By :mohammad ahmed 06/08/2024





#50
Acenaphthylene
Concen: 2.991 ng/ul
RT: 14.034 min Scan# 1878
Delta R.T. -0.012 min
Lab File: BN031825.D
Acq: 06 Jun 2024 19:13

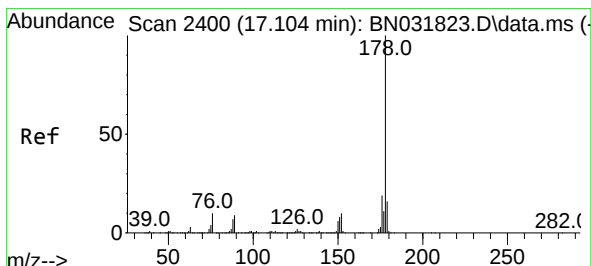
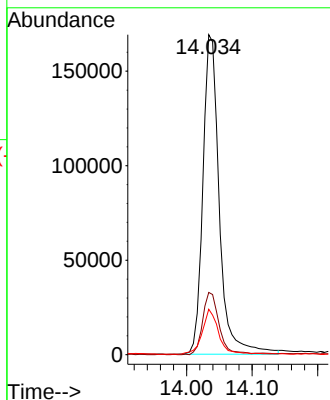
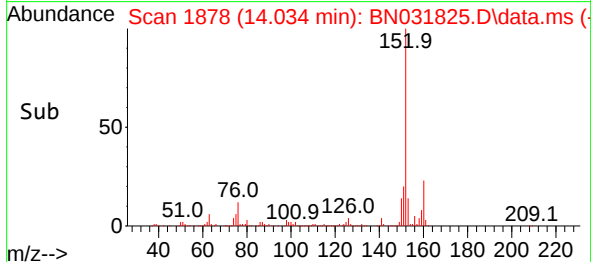
Instrument :
BNA_N
ClientSampleId :
BHBW8



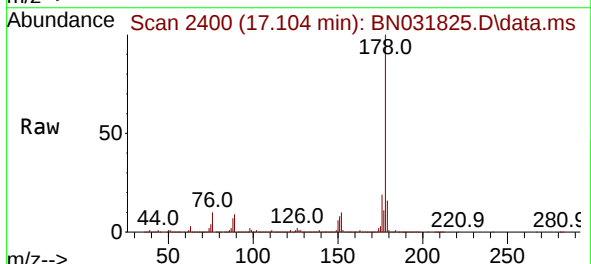
Tgt Ion:152 Resp: 295000
Ion Ratio Lower Upper
152 100
151 19.5 15.9 23.9
153 14.2 10.4 15.6

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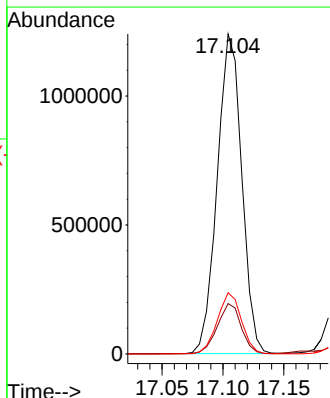
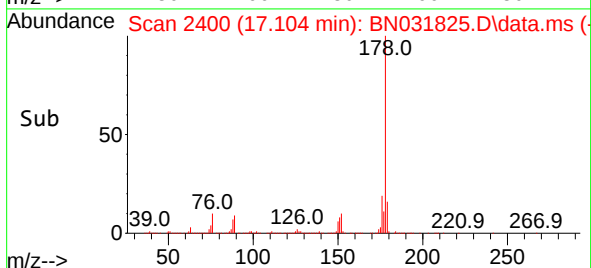
Reviewed By :Jagrut Upadhyay 06/07/2024
Supervised By :mohammad ahmed 06/08/2024

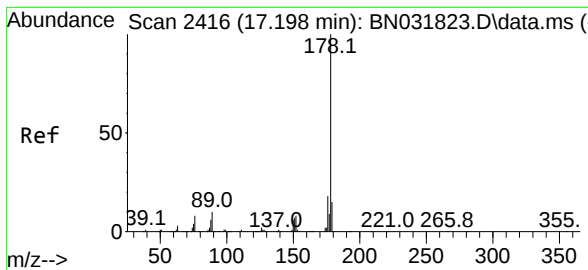


#72
Phenanthrene
Concen: 15.494 ng/ul
RT: 17.104 min Scan# 2400
Delta R.T. -0.012 min
Lab File: BN031825.D
Acq: 06 Jun 2024 19:13



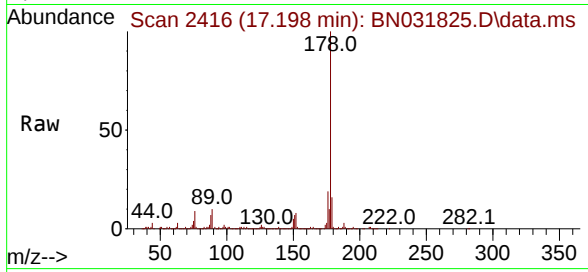
Tgt Ion:178 Resp: 1739054
Ion Ratio Lower Upper
178 100
179 15.8 12.6 19.0
176 19.1 15.8 23.6





#74
 Anthracene
 Concen: 2.717 ng/ul
 RT: 17.198 min Scan# 2416
 Delta R.T. -0.006 min
 Lab File: BN031825.D
 Acq: 06 Jun 2024 19:13

Instrument : BNA_N
 ClientSampleId : BHBW8

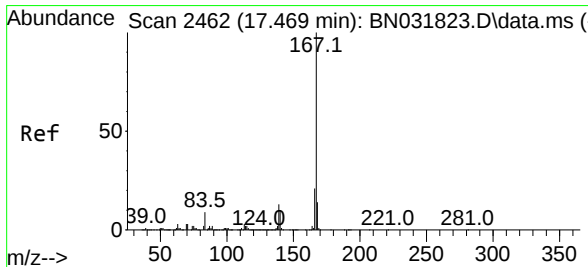
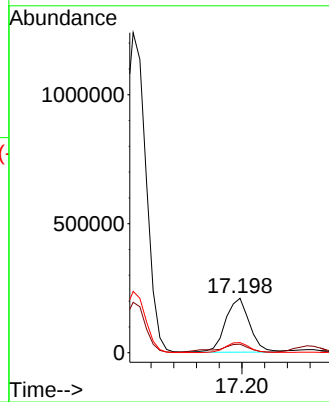
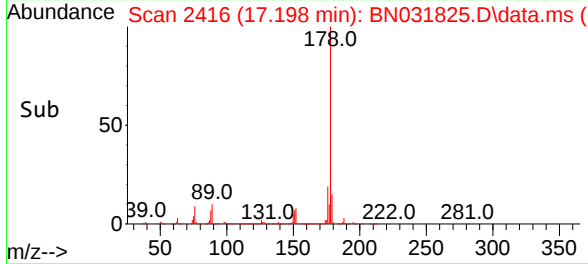


Tgt Ion:178 Resp: 309064

Ion	Ratio	Lower	Upper
178	100		
179	15.5	11.8	17.6
176	18.7	14.8	22.2

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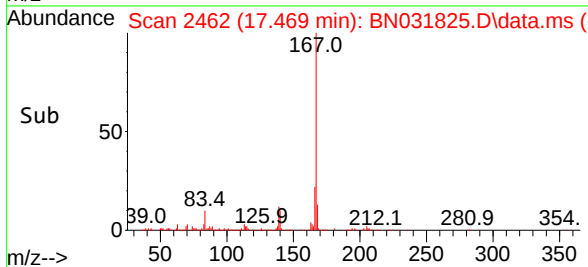
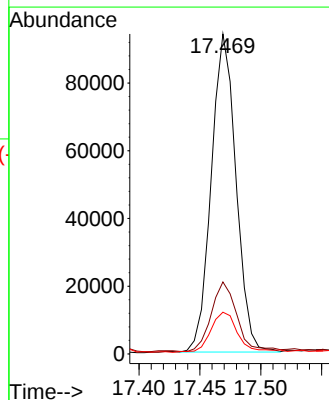
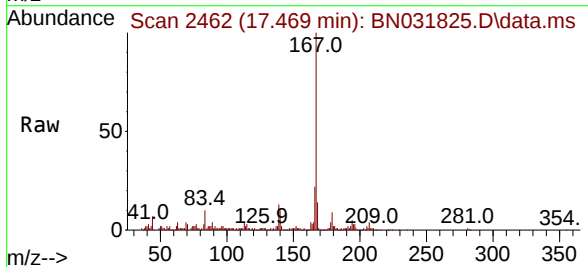
Reviewed By :Jagrut Upadhyay 06/07/2024
 Supervised By :mohammad ahmed 06/08/2024

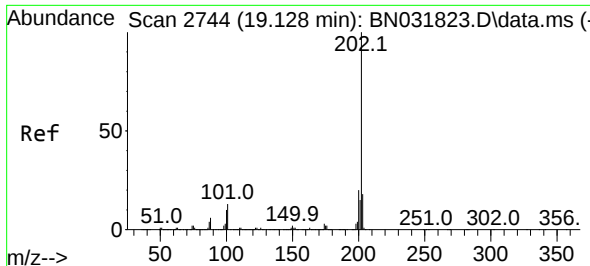


#77
 Carbazole
 Concen: 1.369 ng/ul
 RT: 17.469 min Scan# 2462
 Delta R.T. -0.006 min
 Lab File: BN031825.D
 Acq: 06 Jun 2024 19:13

Tgt Ion:167 Resp: 132761

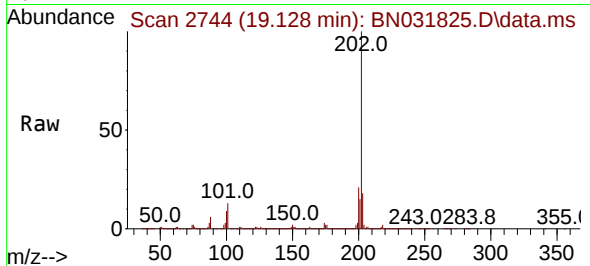
Ion	Ratio	Lower	Upper
167	100		
166	22.5	17.9	26.9
139	13.1	10.5	15.7





#80
Fluoranthene
Concen: 40.409 ng/u1
RT: 19.128 min Scan# 21
Delta R.T. -0.006 min
Lab File: BN031825.D
Acq: 06 Jun 2024 19:13

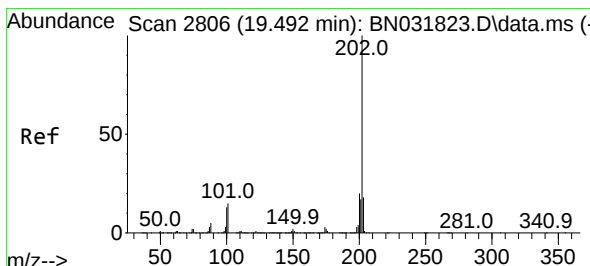
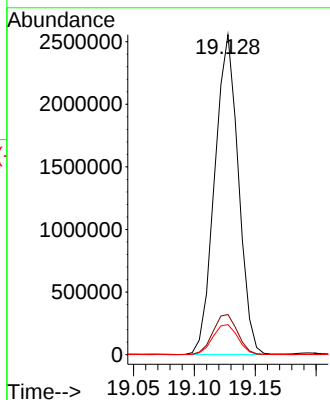
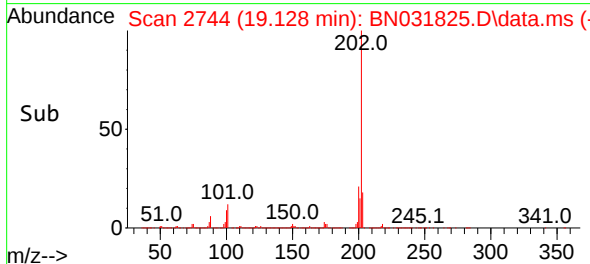
Instrument :
BNA_N
ClientSampleId :
BHBW8



Tgt Ion:202 Resp: 3462574
Ion Ratio Lower Upper
202 100
101 12.6 10.3 15.5
100 9.4 8.0 12.0

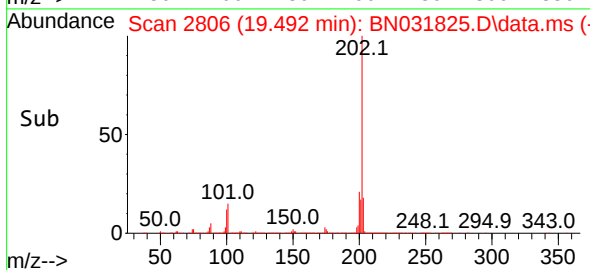
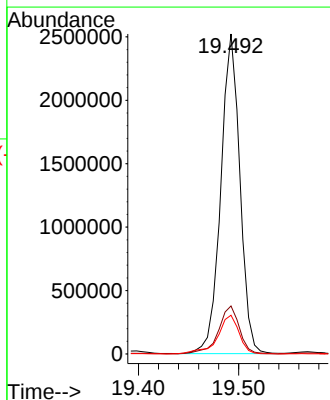
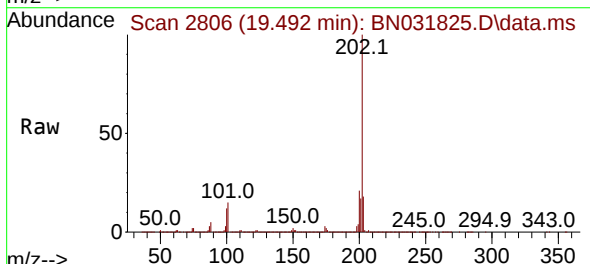
Manual Integrations
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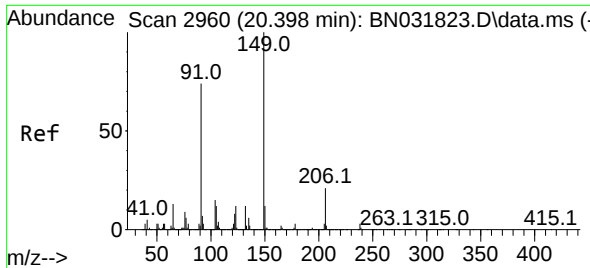
Reviewed By :Jagrut Upadhyay 06/07/2024
Supervised By :mohammad ahmed 06/08/2024



#82
Pyrene
Concen: 37.917 ng/u1
RT: 19.492 min Scan# 2806
Delta R.T. 0.000 min
Lab File: BN031825.D
Acq: 06 Jun 2024 19:13

Tgt Ion:202 Resp: 3333528
Ion Ratio Lower Upper
202 100
101 15.0 12.6 18.8
100 12.1 10.2 15.2





#83
Butylbenzylphthalate
Concen: 1.361 ng/ul
RT: 20.398 min Scan# 2960
Delta R.T. -0.006 min
Lab File: BN031825.D
Acq: 06 Jun 2024 19:13

Instrument :

BNA_N

ClientSampleId :

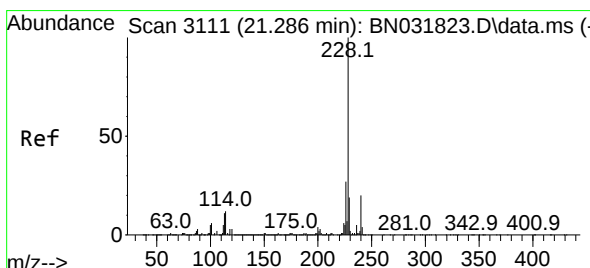
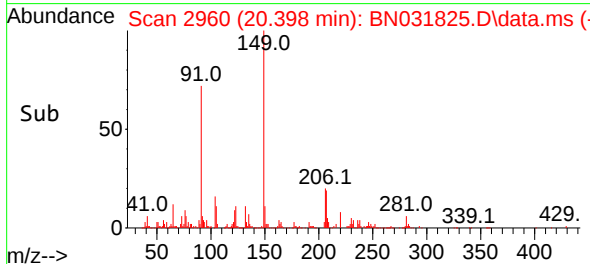
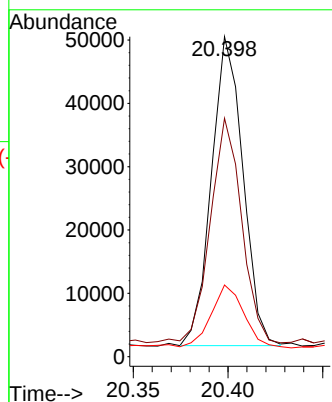
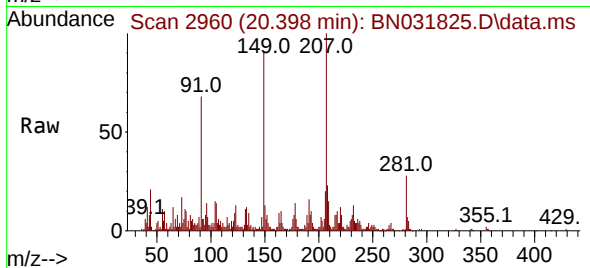
BHBW8

Tgt Ion:149 Resp: 56494
Ion Ratio Lower Upper
149 100
91 74.5 61.0 91.4
206 22.4 16.5 24.7

Manual Integrations

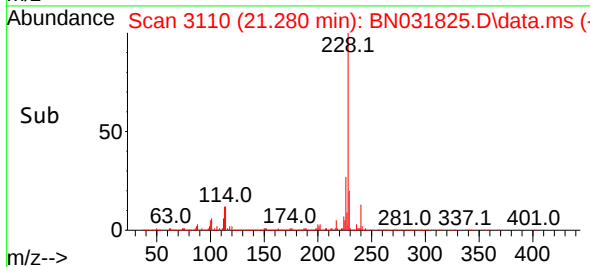
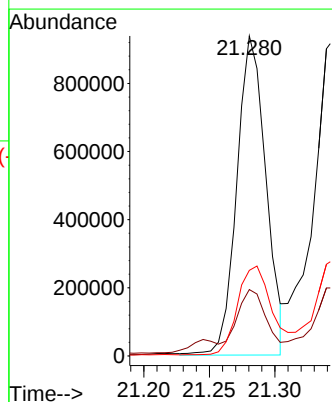
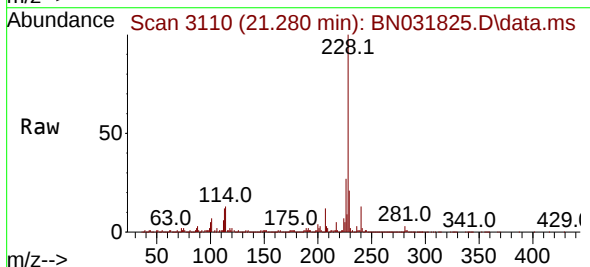
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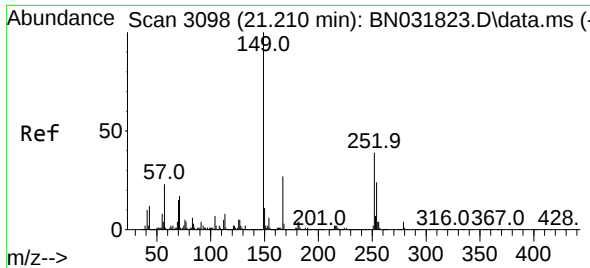
Reviewed By :Jagrut Upadhyay 06/07/2024
Supervised By :mohammad ahmed 06/08/2024



#85
Benzo(a)anthracene
Concen: 16.121 ng/ul
RT: 21.280 min Scan# 3110
Delta R.T. -0.006 min
Lab File: BN031825.D
Acq: 06 Jun 2024 19:13

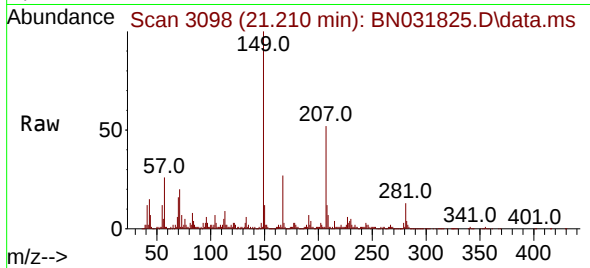
Tgt Ion:228 Resp: 1445831
Ion Ratio Lower Upper
228 100
229 20.7 16.7 25.1
226 26.8 22.8 34.2





#86
Bis(2-ethylhexyl)phthalate
Concen: 4.423 ng/ul
RT: 21.210 min Scan# 3098
Delta R.T. -0.012 min
Lab File: BN031825.D
Acq: 06 Jun 2024 19:13

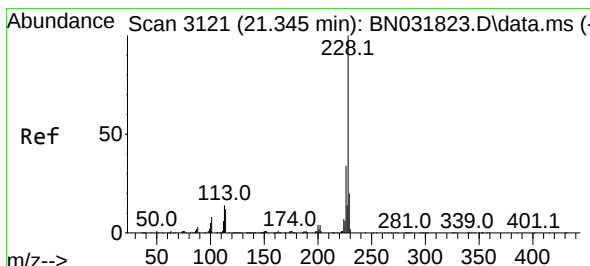
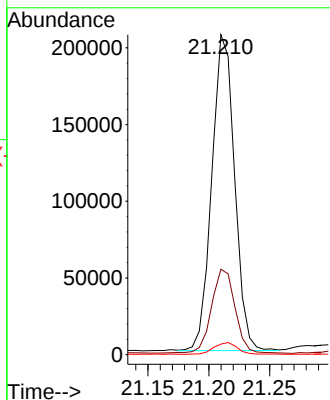
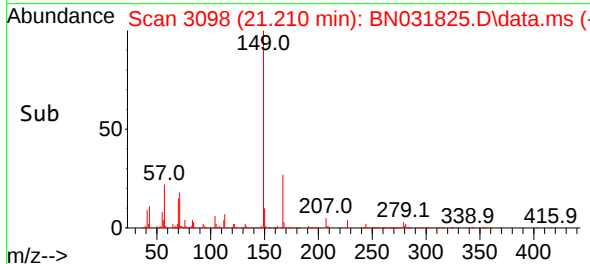
Instrument :
BNA_N
ClientSampleId :
BHBW8



Tgt Ion:149 Resp: 267740
Ion Ratio Lower Upper
149 100
167 26.7 21.4 32.0
279 3.3 3.3 4.9

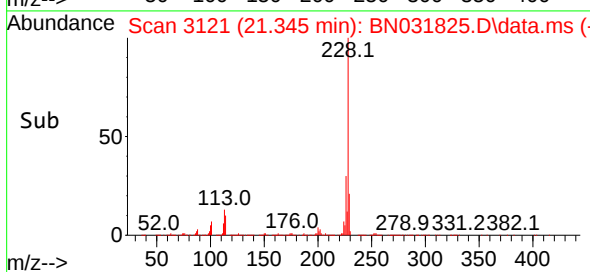
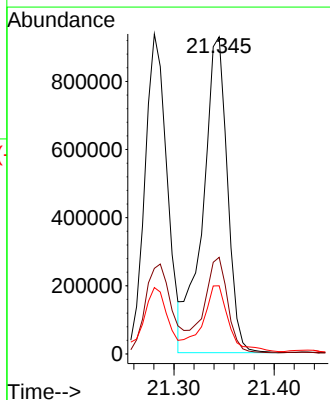
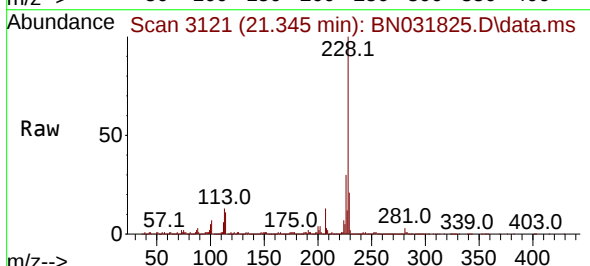
Manual Integrations
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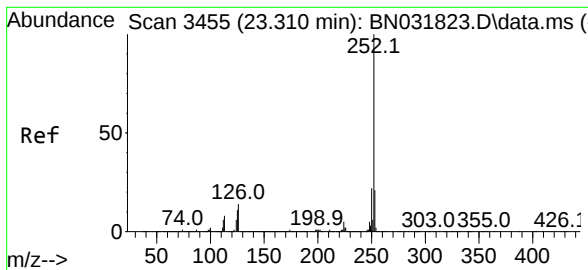
Reviewed By :Jagrut Upadhyay 06/07/2024
Supervised By :mohammad ahmed 06/08/2024



#87
Chrysene
Concen: 18.830 ng/ul
RT: 21.345 min Scan# 3121
Delta R.T. -0.006 min
Lab File: BN031825.D
Acq: 06 Jun 2024 19:13

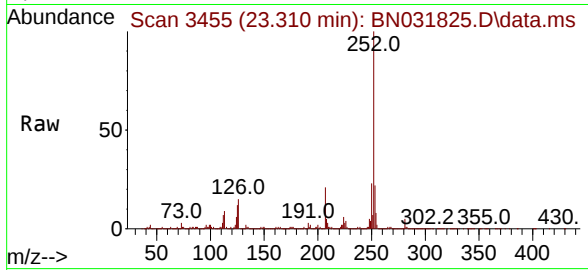
Tgt Ion:228 Resp: 1577446
Ion Ratio Lower Upper
228 100
226 30.5 23.7 35.5
229 21.5 15.1 22.7





#90
Benzo(b)fluoranthene
Concen: 21.857 ng/ul m
RT: 23.310 min Scan# 3455
Delta R.T. 0.000 min
Lab File: BN031825.D
Acq: 06 Jun 2024 19:13

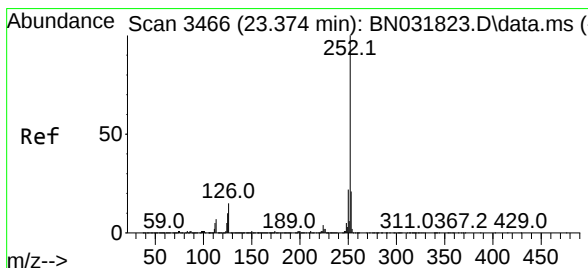
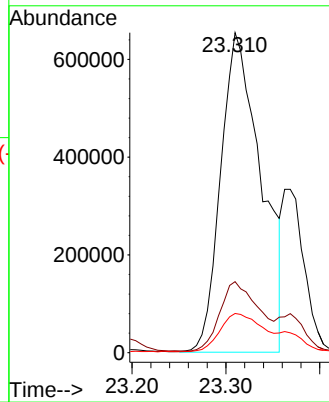
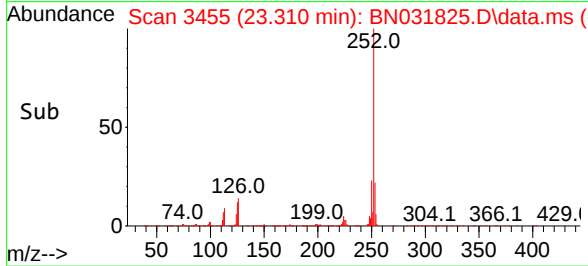
Instrument :
BNA_N
ClientSampleId :
BHBW8



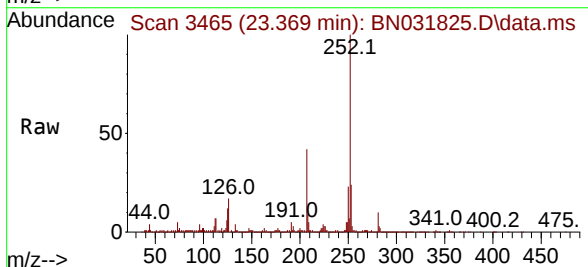
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Ion Ratio Lower Upper
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Manual Integrations
APPROVED

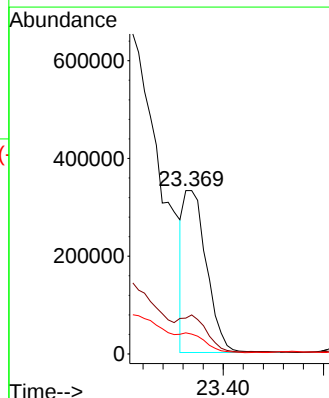
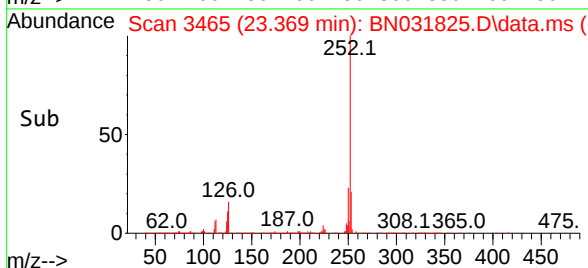
Reviewed By :Jagrut Upadhyay 06/07/2024
Supervised By :mohammad ahmed 06/08/2024

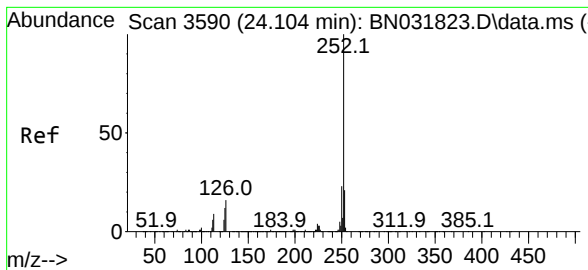


#91
Benzo(k)fluoranthene
Concen: 5.928 ng/ul
RT: 23.369 min Scan# 3465
Delta R.T. -0.006 min
Lab File: BN031825.D
Acq: 06 Jun 2024 19:13



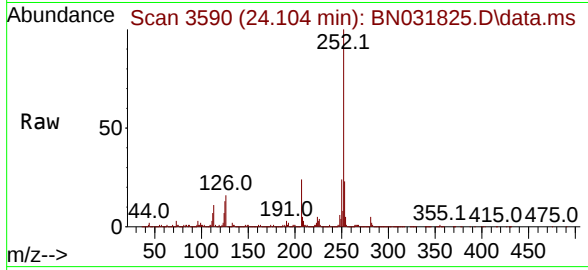
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Ion Ratio Lower Upper
252 100
253 23.9 17.6 26.4
125 12.2 9.4 14.2





#93
Benzo(a)pyrene
Concen: 16.005 ng/ul
RT: 24.104 min Scan# 3590
Delta R.T. 0.000 min
Lab File: BN031825.D
Acq: 06 Jun 2024 19:13

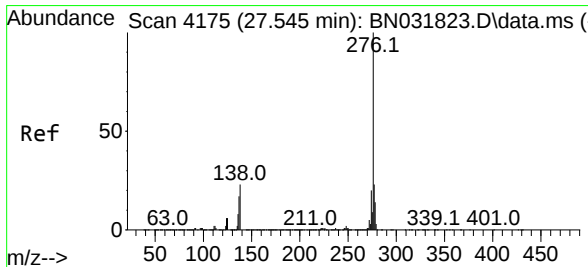
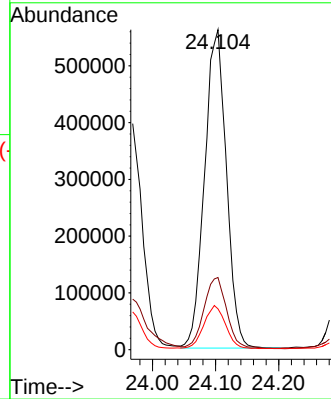
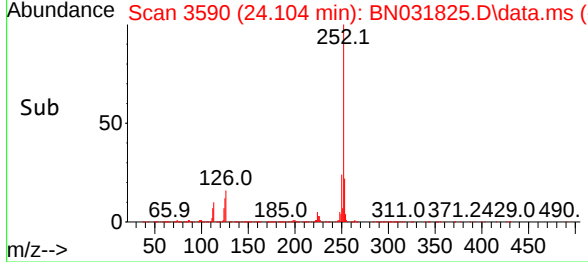
Instrument :
BNA_N
ClientSampleId :
BHBW8



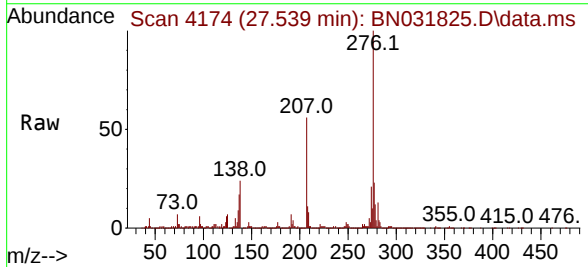
Tgt Ion:252 Resp: 1344878
Ion Ratio Lower Upper
252 100
253 22.5 16.6 24.8
125 12.7 9.8 14.8

Manual Integrations
APPROVED

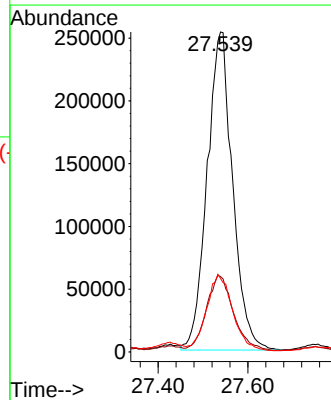
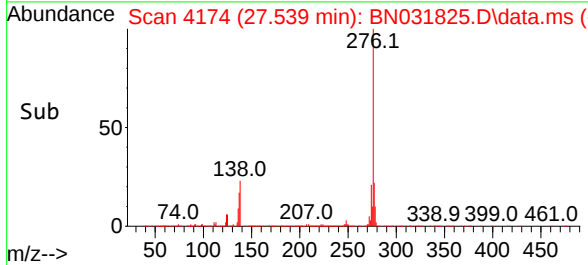
Reviewed By :Jagrut Upadhyay 06/07/2024
Supervised By :mohammad ahmed 06/08/2024

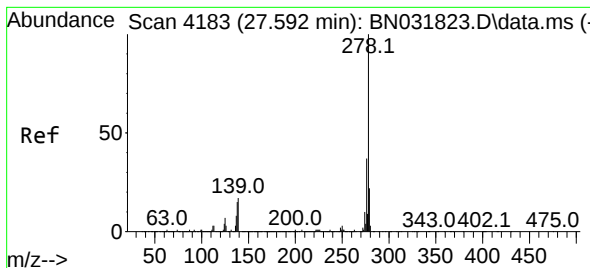


#94
Indeno(1,2,3-cd)pyrene
Concen: 10.332 ng/ul
RT: 27.539 min Scan# 4174
Delta R.T. 0.006 min
Lab File: BN031825.D
Acq: 06 Jun 2024 19:13



Tgt Ion:276 Resp: 1000398
Ion Ratio Lower Upper
276 100
138 23.6 18.1 27.1
277 22.9 18.2 27.2





#95

Dibenzo(a,h)anthracene

Concen: 3.272 ng/ul m

RT: 27.574 min Scan# 4180

Delta R.T. -0.029 min

Lab File: BN031825.D

Acq: 06 Jun 2024 19:13

Instrument :

BNA_N

ClientSampleId :

BHBW8

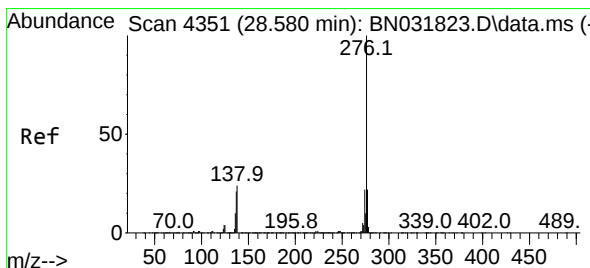
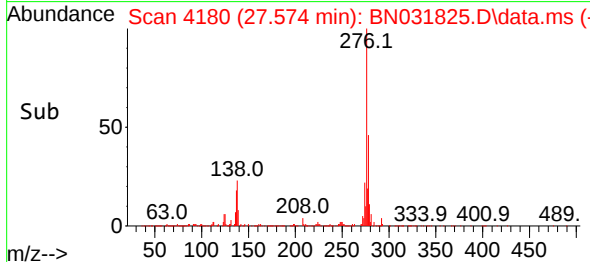
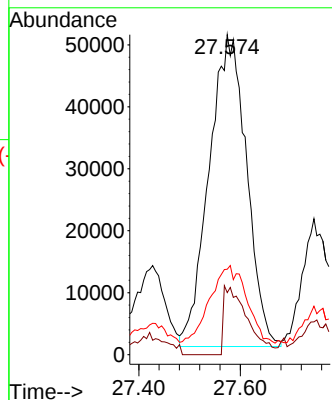
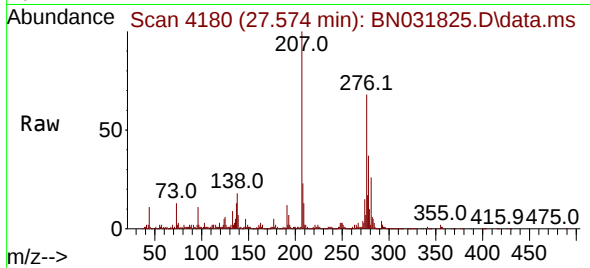
Tgt Ion:278 Resp: 258630

Ion	Ratio	Lower	Upper
278	100		
139	19.4	15.0	22.6
279	26.7	17.4	26.0

Manual Integrations

APPROVED

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



#96

Benzo(g,h,i)perylene

Concen: 13.041 ng/ul

RT: 28.568 min Scan# 4349

Delta R.T. 0.000 min

Lab File: BN031825.D

Acq: 06 Jun 2024 19:13

Tgt Ion:276 Resp: 1003819

Ion	Ratio	Lower	Upper
276	100		
138	24.9	20.9	31.3
277	23.0	18.0	27.0

