

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
 Data File : BN031805.D
 Acq On : 05 Jun 2024 18:25
 Operator : MA/JU
 Sample : P2591-14DL 5X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BHBQ5DL

Quant Time: Jun 06 00:15:51 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

Manual Integrations APPROVED

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

06/06/2024
 Supervised By :mohammad
 ahmed

06/07/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.675	152	299327	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.458	136	1412532	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.316	164	962146	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.063	188	2027600	20.000	ng/u1	0.00
79) Chrysene-d12	21.304	240	2048272	20.000	ng/u1	0.00
88) Perylene-d12	24.245	264	2417199	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.181	96	8739	1.208	ng/uL	-0.01
4) Pyridine-d5	3.599	84	57340	2.815	ng/u1	0.00
7) Phenol-d5	6.846	99	177199	6.905	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.011	67	94732	6.311	ng/u1	-0.02
11) 2-Chlorophenol-d4	7.205	132	132316	6.758	ng/u1	-0.01
15) 4-Methylphenol-d8	8.375	113	141553	6.767	ng/u1	-0.01
21) Nitrobenzene-d5	8.828	128	68711	6.362	ng/u1	-0.01
24) 2-Nitrophenol-d4	9.546	143	70823	6.348	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.081	165	136253	6.542	ng/u1	0.00
31) 4-Chloroaniline-d4	10.599	131	165222	5.343	ng/u1	-0.01
46) Dimethylphthalate-d6	13.734	166	459005	6.848	ng/u1	-0.01
49) Acenaphthylene-d8	14.010	160	513844	6.667	ng/u1	0.00
54) 4-Nitrophenol-d4	14.528	143	72036	5.368	ng/u1	0.00
60) Fluorene-d10	15.310	176	396482	6.991	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.440	200	44191	4.336	ng/u1	0.00
73) Anthracene-d10	17.163	188	610527	7.033	ng/u1	0.00
81) Pyrene-d10	19.463	212	715304	6.526	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.033	264	649378	5.626	ng/u1	0.00
Target Compounds						
					Qvalue	
52) Acenaphthene	14.381	153	70210	1.218	ng/u1	99
56) Dibenzofuran	14.716	168	108050	1.380	ng/u1	99
61) Fluorene	15.369	166	76967	1.221	ng/u1	94
72) Phenanthrene	17.104	178	2112808	20.455	ng/u1	98
74) Anthracene	17.198	178	399060	3.813	ng/u1	99
77) Carbazole	17.469	167	287729	3.224	ng/u1	98
80) Fluoranthene	19.128	202	3322951	25.368	ng/u1	99
82) Pyrene	19.492	202	2424457	18.039	ng/u1	99
85) Benzo(a)anthracene	21.286	228	1628659	11.879	ng/u1	98
87) Chrysene	21.345	228	1450586	11.327	ng/u1	96
90) Benzo(b)fluoranthene	23.316	252	1999882	13.842	ng/u1	96
91) Benzo(k)fluoranthene	23.369	252	730520	5.153	ng/u1	98
93) Benzo(a)pyrene	24.098	252	894080	6.607	ng/u1	95
94) Indeno(1,2,3-cd)pyrene	27.545	276	646024	4.143	ng/u1	97
95) Dibenzo(a,h)anthracene	27.580	278	231382m	1.818	ng/u1	

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

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Instrument :
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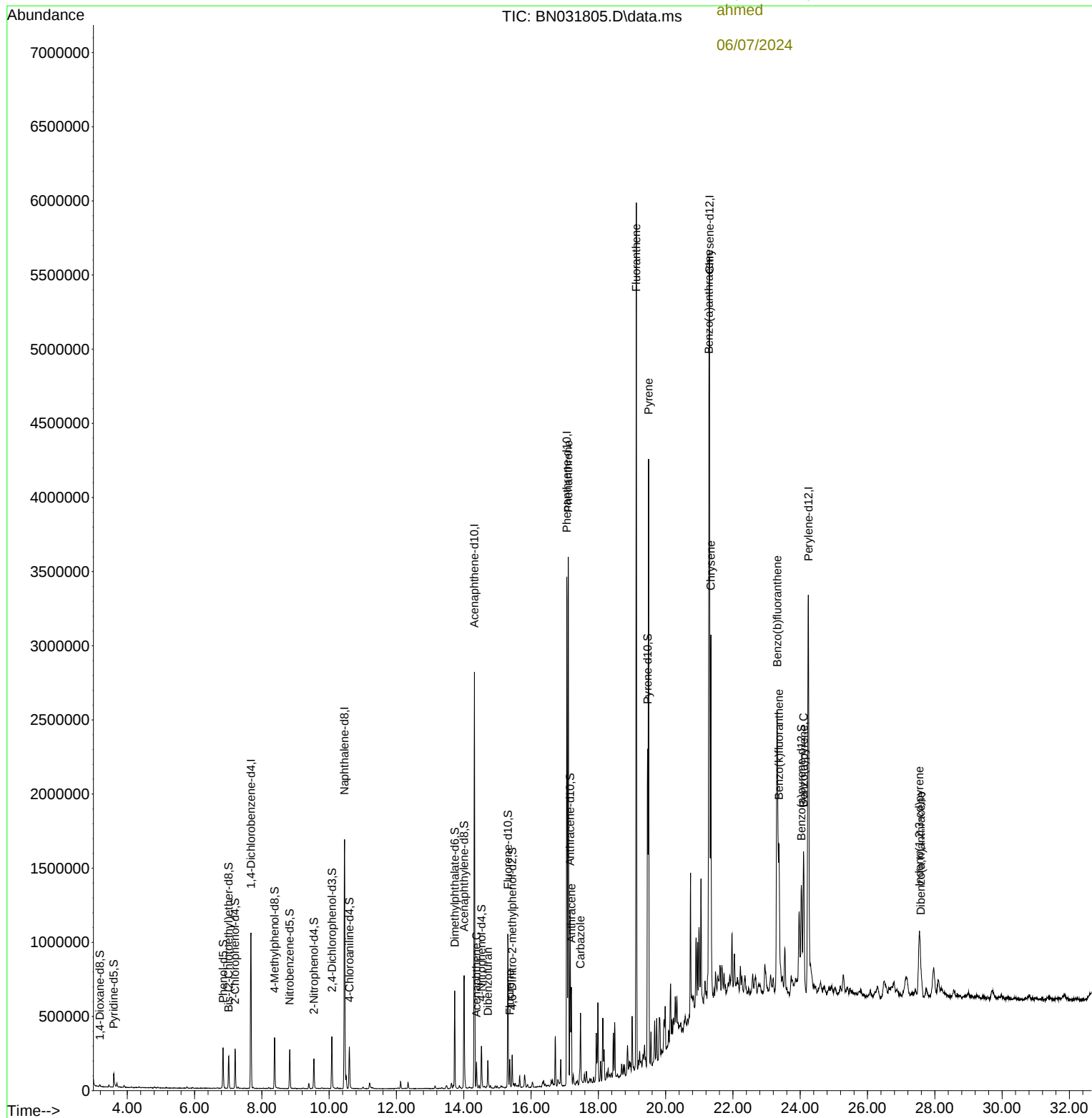
Quant Time: Jun 06 00:15:51 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 29 15:13:07 2024
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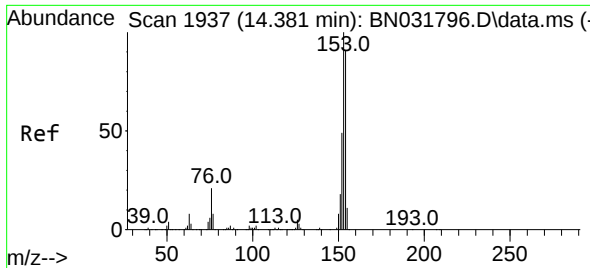
Manual Integrations
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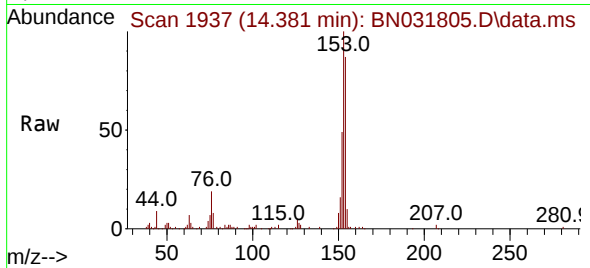
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#52
Acenaphthene
Concen: 1.218 ng/ul
RT: 14.381 min Scan# 1937
Delta R.T. -0.006 min
Lab File: BN031805.D
Acq: 05 Jun 2024 18:25

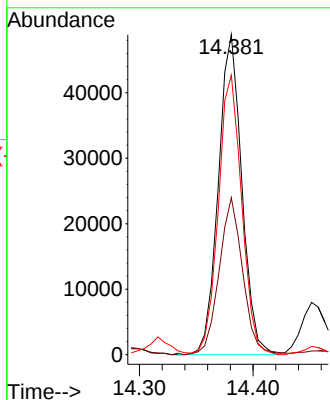
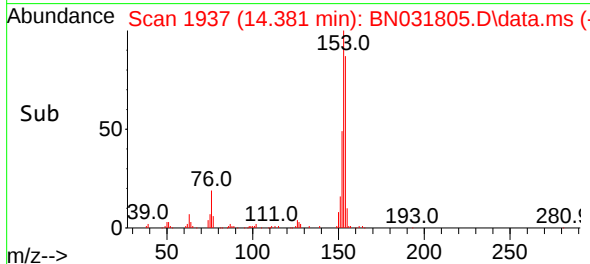
Instrument :
BNA_N
ClientSampleId :
BHBQ5DL



Tgt Ion:153 Resp: 70210
Ion Ratio Lower Upper
153 100
152 49.1 37.8 56.6
154 87.4 69.8 104.8

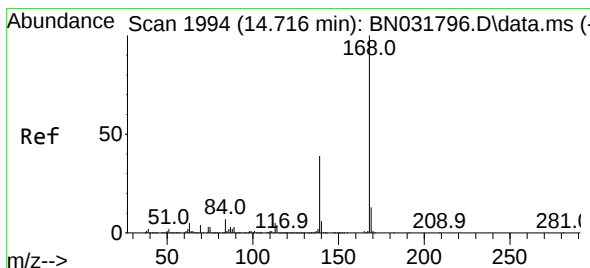
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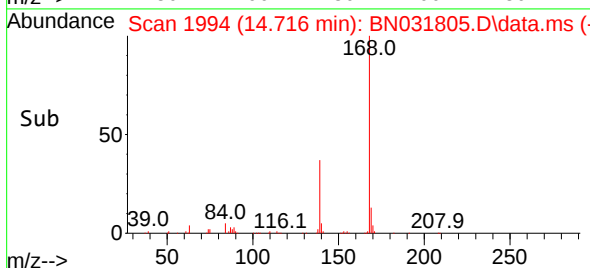
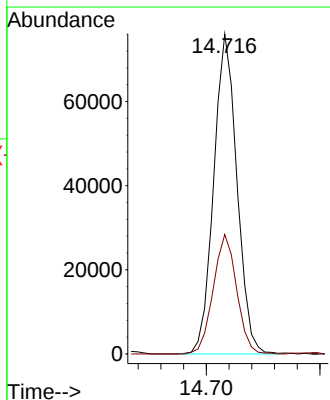
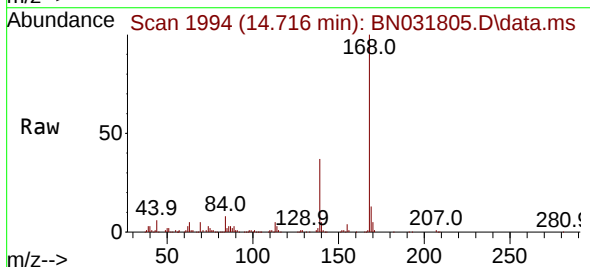
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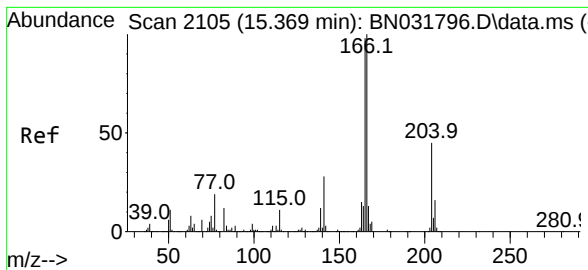
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#56
Dibenzofuran
Concen: 1.380 ng/ul
RT: 14.716 min Scan# 1994
Delta R.T. -0.012 min
Lab File: BN031805.D
Acq: 05 Jun 2024 18:25

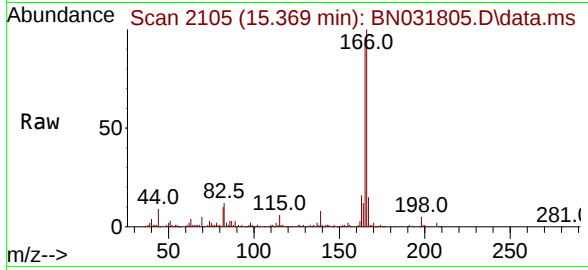
Tgt Ion:168 Resp: 108050
Ion Ratio Lower Upper
168 100
139 37.4 29.4 44.0





#61
Fluorene
Concen: 1.221 ng/ul
RT: 15.369 min Scan# 2105
Delta R.T. -0.006 min
Lab File: BN031805.D
Acq: 05 Jun 2024 18:25

Instrument :
BNA_N
ClientSampleId :
BHBQ5DL



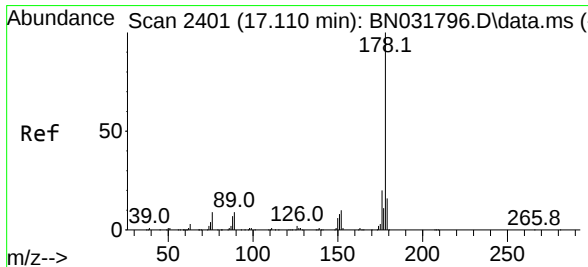
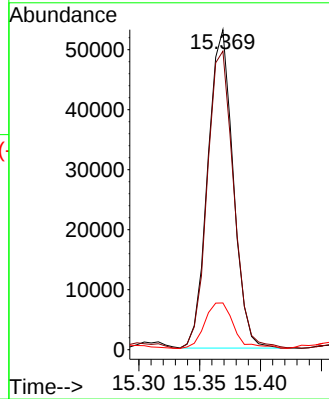
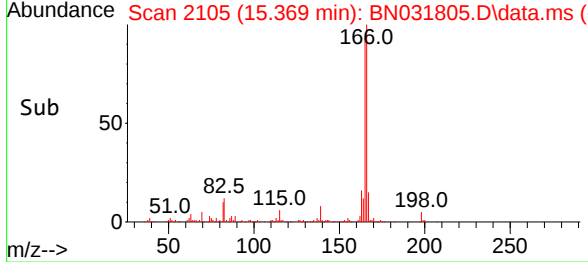
Tgt Ion:166 Resp: 7696
Ion Ratio Lower Upper
166 100
165 93.3 80.3 120.5
167 14.6 11.3 16.9

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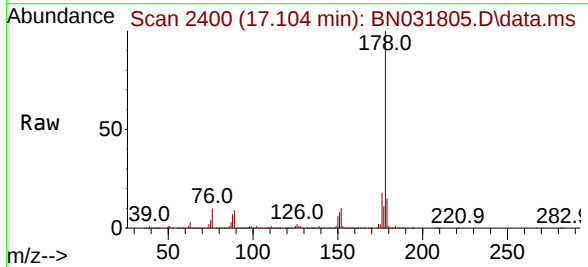
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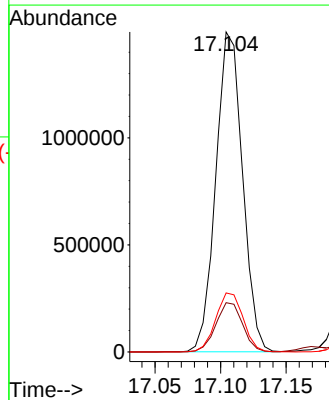
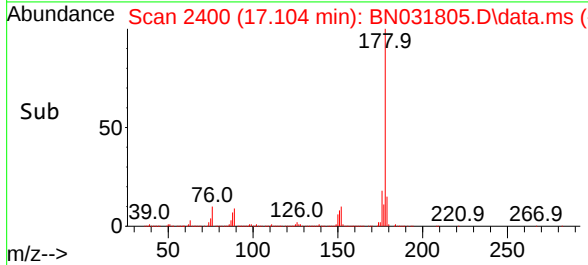
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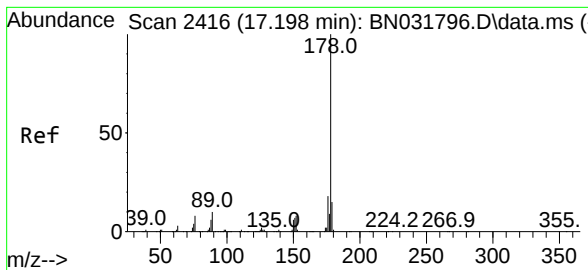


#72
Phenanthrene
Concen: 20.455 ng/ul
RT: 17.104 min Scan# 2400
Delta R.T. -0.012 min
Lab File: BN031805.D
Acq: 05 Jun 2024 18:25



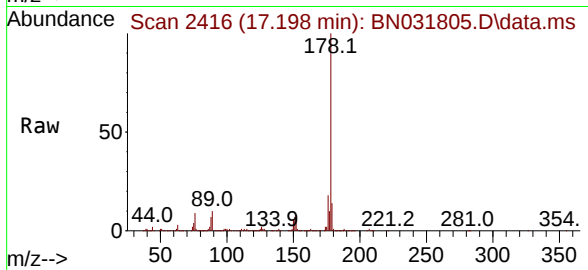
Tgt Ion:178 Resp: 2112808
Ion Ratio Lower Upper
178 100
179 15.4 12.6 19.0
176 18.5 15.8 23.6





#74
 Anthracene
 Concen: 3.813 ng/ul
 RT: 17.198 min Scan# 2416
 Delta R.T. -0.006 min
 Lab File: BN031805.D
 Acq: 05 Jun 2024 18:25

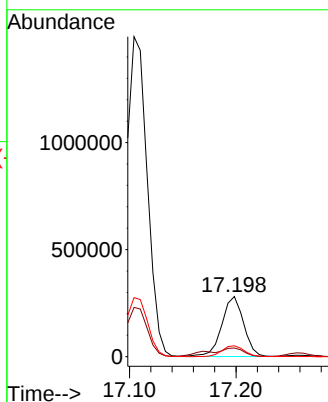
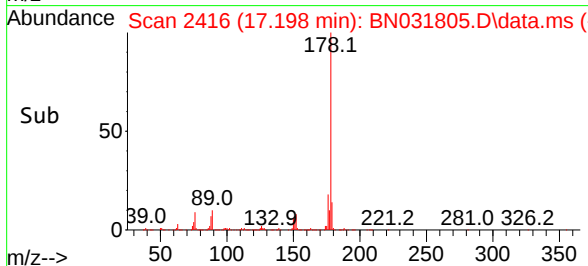
Instrument :
 BNA_N
 ClientSampleId :
 BHBQ5DL



Tgt Ion:178 Resp: 399060
 Ion Ratio Lower Upper
 178 100
 179 14.5 11.8 17.6
 176 18.0 14.8 22.2

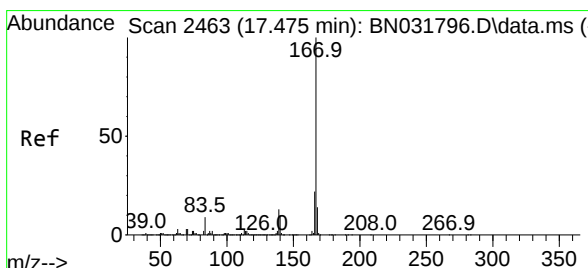
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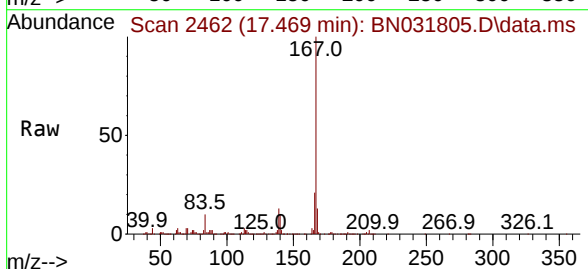


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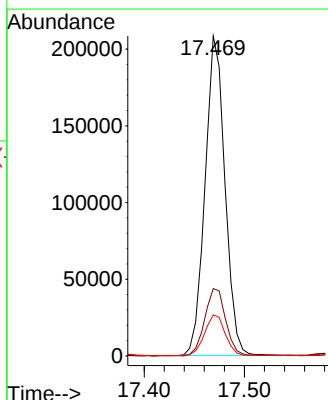
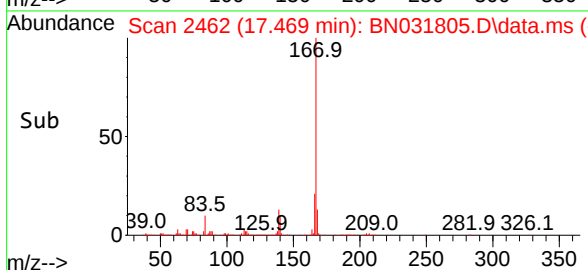
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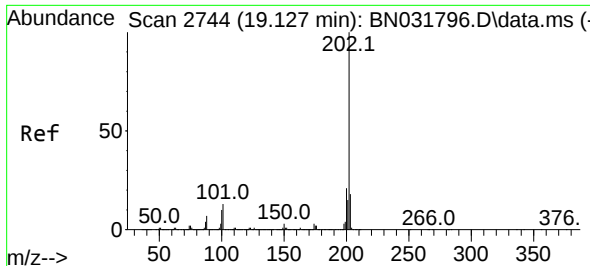


#77
 Carbazole
 Concen: 3.224 ng/ul
 RT: 17.469 min Scan# 2462
 Delta R.T. -0.006 min
 Lab File: BN031805.D
 Acq: 05 Jun 2024 18:25



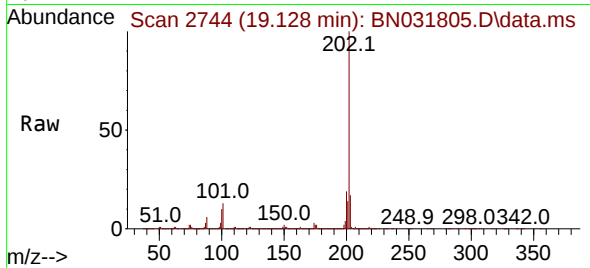
Tgt Ion:167 Resp: 287729
 Ion Ratio Lower Upper
 167 100
 166 21.1 17.9 26.9
 139 12.8 10.5 15.7





#80
Fluoranthene
Concen: 25.368 ng/u1
RT: 19.128 min Scan# 21
Delta R.T. -0.006 min
Lab File: BN031805.D
Acq: 05 Jun 2024 18:25

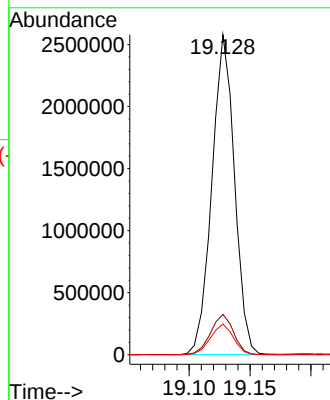
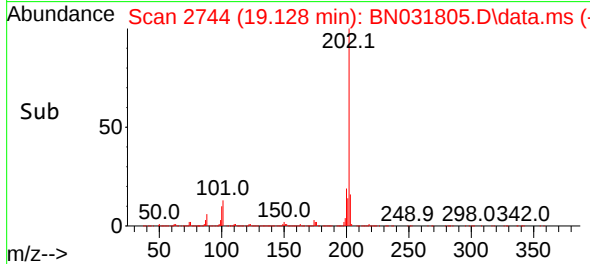
Instrument :
BNA_N
ClientSampleId :
BHBQ5DL



Tgt Ion:202 Resp: 332295
Ion Ratio Lower Upper
202 100
101 12.6 10.3 15.5
100 9.6 8.0 12.0

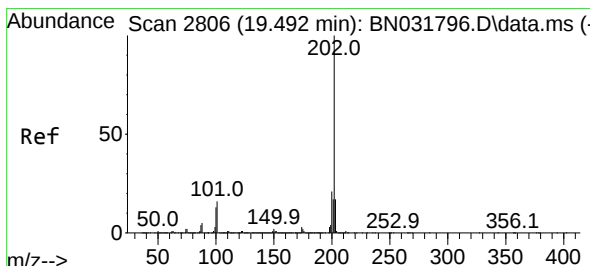
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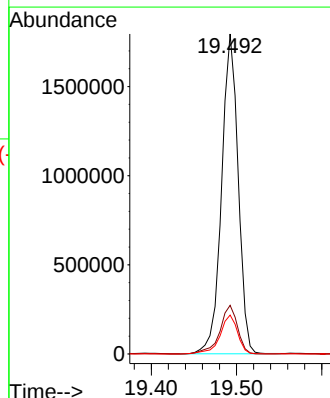
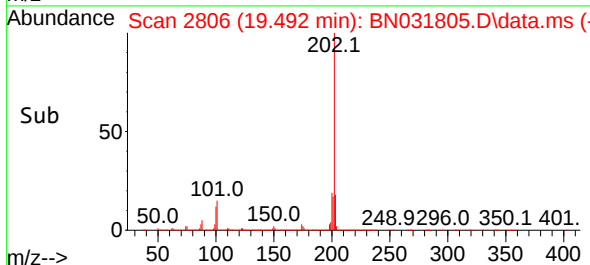
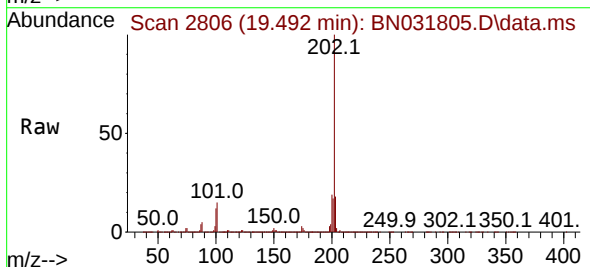
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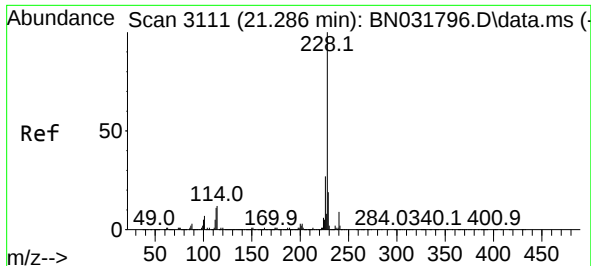
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#82
Pyrene
Concen: 18.039 ng/u1
RT: 19.492 min Scan# 2806
Delta R.T. 0.000 min
Lab File: BN031805.D
Acq: 05 Jun 2024 18:25

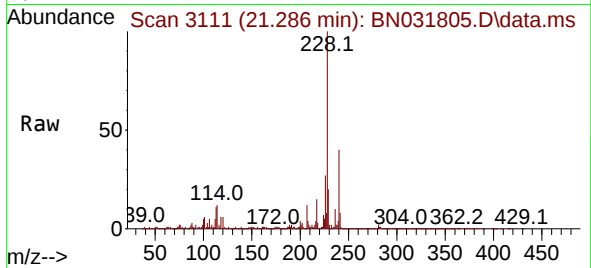
Tgt Ion:202 Resp: 2424457
Ion Ratio Lower Upper
202 100
101 15.2 12.6 18.8
100 12.1 10.2 15.2





#85
Benzo(a)anthracene
Concen: 11.879 ng/u1
RT: 21.286 min Scan# 3111
Delta R.T. 0.000 min
Lab File: BN031805.D
Acq: 05 Jun 2024 18:25

Instrument :
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ClientSampleId :
BHBQ5DL



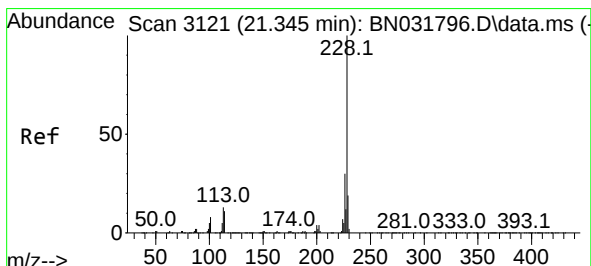
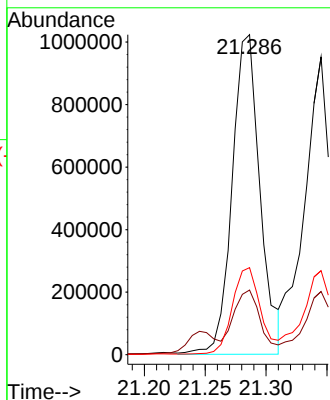
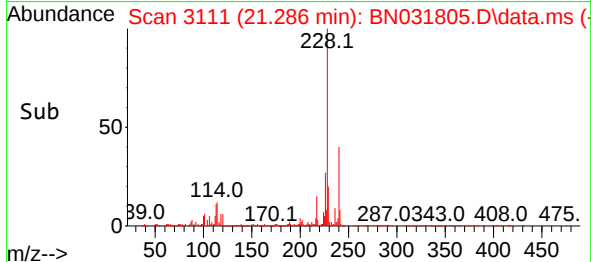
Tgt Ion:228 Resp: 1628659
Ion Ratio Lower Upper
228 100
229 20.2 16.7 25.1
226 27.2 22.8 34.2

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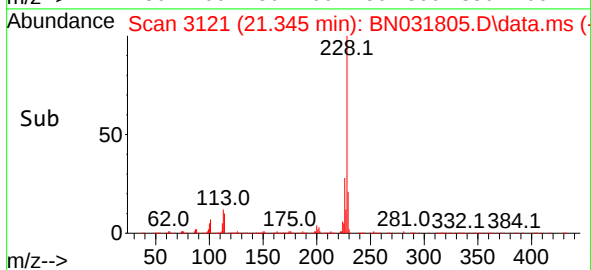
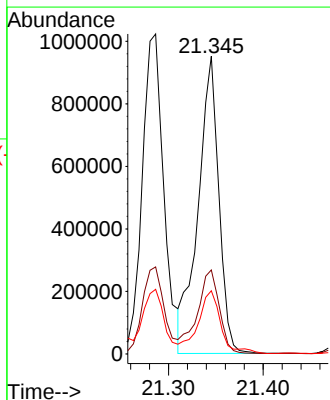
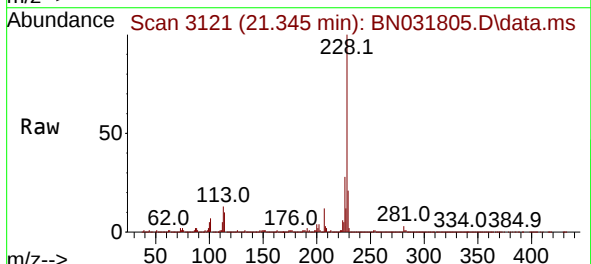
06/06/2024
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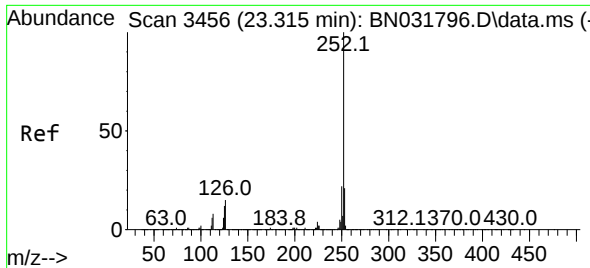
06/07/2024



#87
Chrysene
Concen: 11.327 ng/u1
RT: 21.345 min Scan# 3121
Delta R.T. -0.006 min
Lab File: BN031805.D
Acq: 05 Jun 2024 18:25

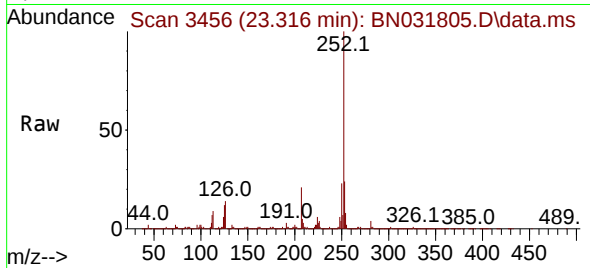
Tgt Ion:228 Resp: 1450586
Ion Ratio Lower Upper
228 100
226 28.2 23.7 35.5
229 21.2 15.1 22.7





#90
Benzo(b)fluoranthene
Concen: 13.842 ng/ul
RT: 23.316 min Scan# 3456
Delta R.T. 0.006 min
Lab File: BN031805.D
Acq: 05 Jun 2024 18:25

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BHBQ5DL



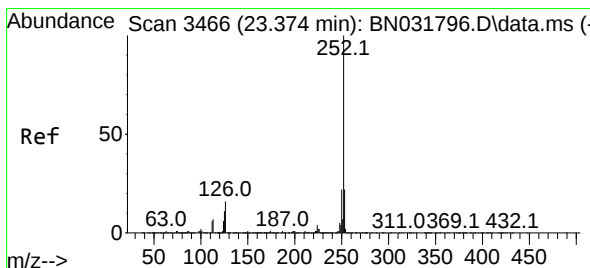
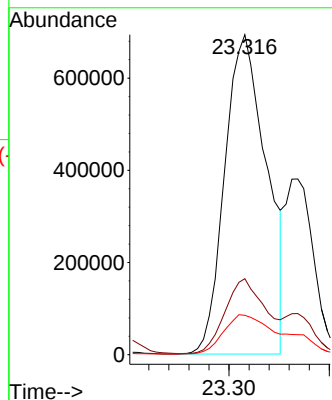
Tgt Ion:252 Resp: 199988
Ion Ratio Lower Upper
252 100
253 23.7 17.0 25.6
125 12.3 9.2 13.8

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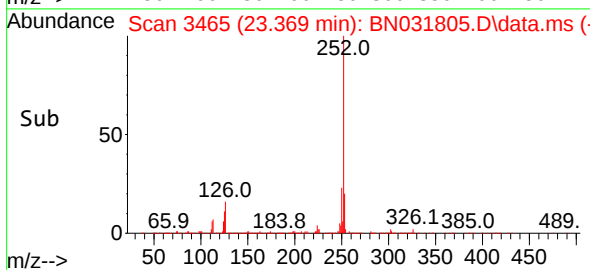
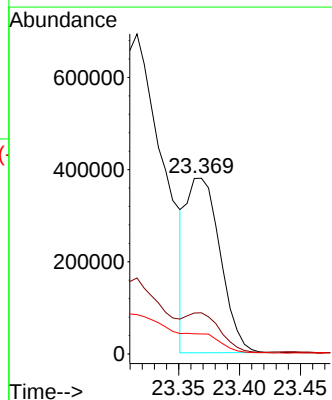
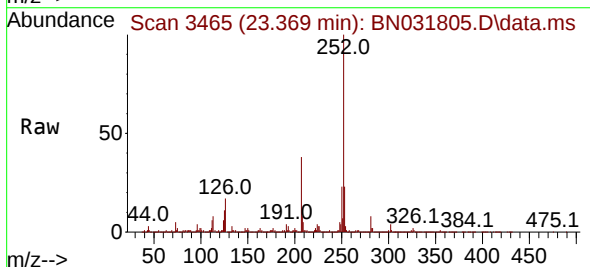
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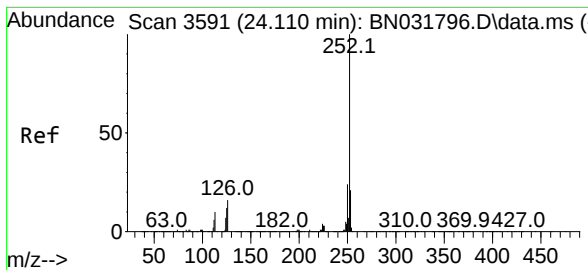
06/07/2024



#91
Benzo(k)fluoranthene
Concen: 5.153 ng/ul
RT: 23.369 min Scan# 3465
Delta R.T. -0.006 min
Lab File: BN031805.D
Acq: 05 Jun 2024 18:25

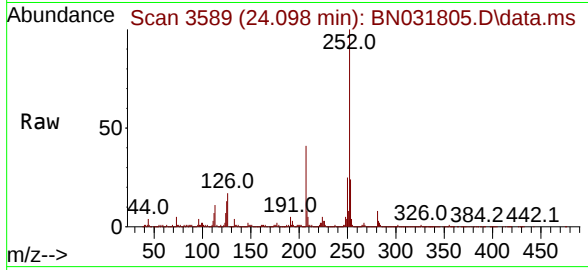
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Ion Ratio Lower Upper
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253 23.4 17.6 26.4
125 11.4 9.4 14.2





#93
Benzo(a)pyrene
Concen: 6.607 ng/ul
RT: 24.098 min Scan# 3591
Delta R.T. -0.006 min
Lab File: BN031805.D
Acq: 05 Jun 2024 18:25

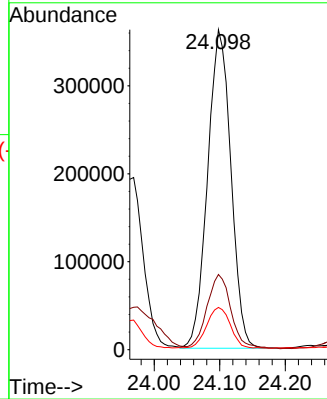
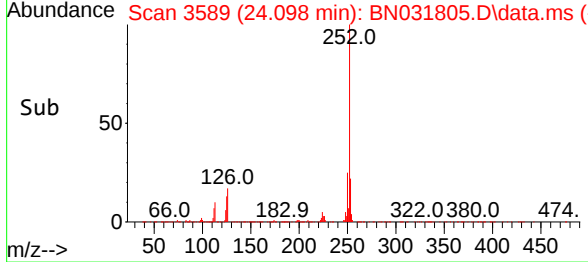
Instrument :
BNA_N
ClientSampleId :
BHBQ5DL



Tgt Ion:252 Resp: 894080
Ion Ratio Lower Upper
252 100
253 23.5 16.6 24.8
125 13.2 9.8 14.8

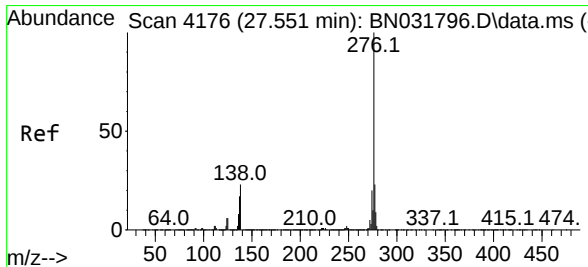
Manual Integrations
APPROVED

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

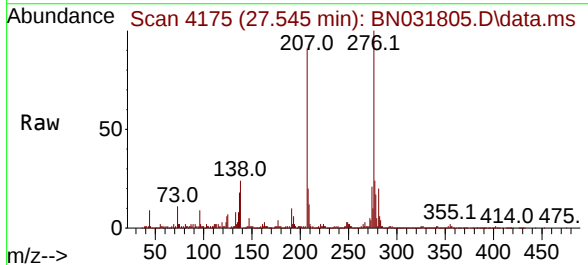


06/06/2024
Supervised By :mohammad
ahmed

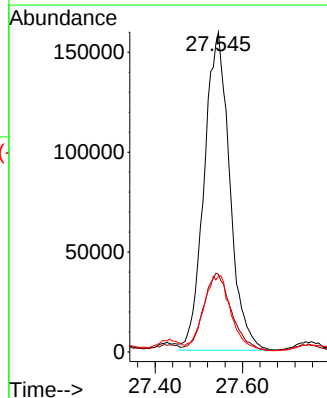
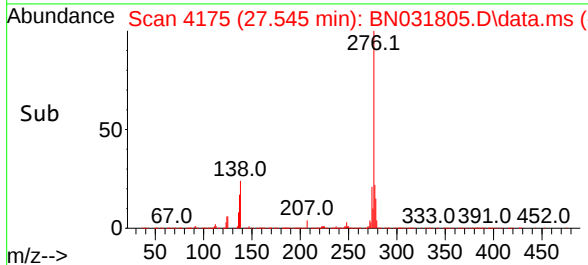
06/07/2024

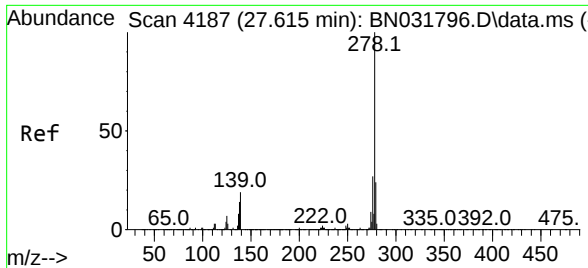


#94
Indeno(1,2,3-cd)pyrene
Concen: 4.143 ng/ul
RT: 27.545 min Scan# 4175
Delta R.T. 0.012 min
Lab File: BN031805.D
Acq: 05 Jun 2024 18:25



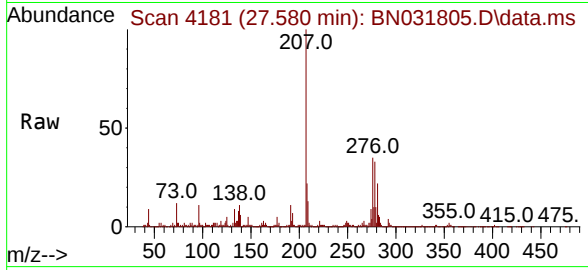
Tgt Ion:276 Resp: 646024
Ion Ratio Lower Upper
276 100
138 24.3 18.1 27.1
277 23.7 18.2 27.2





#95
 Dibenzo(a,h)anthracene
 Concen: 1.818 ng/ul m
 RT: 27.580 min Scan# 41
 Delta R.T. -0.023 min
 Lab File: BN031805.D
 Acq: 05 Jun 2024 18:25

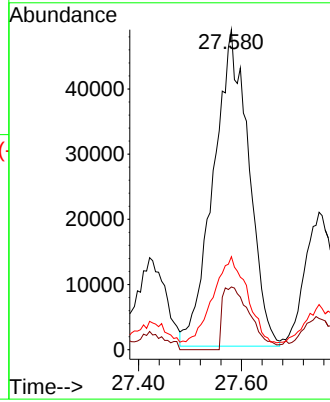
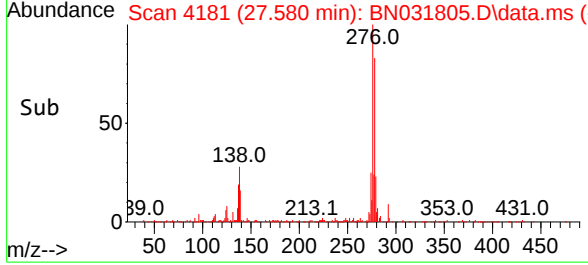
Instrument :
 BNA_N
 ClientSampleId :
 BHBQ5DL



Tgt Ion:278 Resp: 23138
 Ion Ratio Lower Upper
 278 100
 139 19.6 15.0 22.6
 279 29.1 17.4 26.0

Manual Integrations
 APPROVED

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



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06/07/2024