

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN043024\
 Data File : BN031333.D
 Acq On : 30 Apr 2024 23:13
 Operator : MA/JU
 Sample : P2203-18
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 E1CX0

Manual Integrations
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Reviewed By :Jagrut
 Upadhyay

Quant Time: May 01 00:31:33 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN042924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Apr 30 23:30:44 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.611	152	230421	20.000	ng/u1	0.00
20) Naphthalene-d8	10.393	136	1024245	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.263	164	661829	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.010	188	1361448	20.000	ng/u1	0.00
79) Chrysene-d12	21.251	240	1027661	20.000	ng/u1	0.00
88) Perylene-d12	24.139	264	1023512	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.134	96	22745	4.596	ng/uL	0.00
4) Pyridine-d5	3.540	84	354433	25.008	ng/u1	0.00
7) Phenol-d5	6.793	99	146978	7.927	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.958	67	314753	28.992	ng/u1	0.00
11) 2-Chlorophenol-d4	7.146	132	40176	2.708	ng/u1	0.00
15) 4-Methylphenol-d8	8.322	113	353067	22.978	ng/u1	0.00
21) Nitrobenzene-d5	8.769	128	219826	29.780	ng/u1	0.00
24) 2-Nitrophenol-d4	9.487	143	10259	1.291	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.022	165	24379	1.652	ng/u1	0.00
31) 4-Chloroaniline-d4	10.540	131	649621	30.385	ng/u1	0.00
46) Dimethylphthalate-d6	13.681	166	1393243	31.931	ng/u1	0.00
49) Acenaphthylene-d8	13.951	160	1675746	33.100	ng/u1	0.00
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/u1	0.00
60) Fluorene-d10	15.257	176	1236522	33.187	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/u1	0.00
73) Anthracene-d10	17.110	188	1794763	31.942	ng/u1	0.00
81) Pyrene-d10	19.416	212	2012926	32.162	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.945	264	1544517	32.595	ng/u1	0.00
Target Compounds						
					Qvalue	
30) Naphthalene	10.440	128	461267	9.164	ng/u1	99
36) 2-Methylnaphthalene	12.057	142	54425	1.560	ng/u1	97
37) 1-Methylnaphthalene	12.281	142	38337	1.086	ng/u1	90
50) Acenaphthylene	13.981	152	140873	2.445	ng/u1	99
56) Dibenzofuran	14.663	168	98145	1.891	ng/u1	98
72) Phenanthrene	17.057	178	1002494	14.879	ng/u1	99
74) Anthracene	17.145	178	94319	1.400	ng/u1	98
77) Carbazole	17.422	167	80593	1.369	ng/u1#	94
80) Fluoranthene	19.081	202	506913	6.756	ng/u1	99
82) Pyrene	19.445	202	394648	5.156	ng/u1	98
85) Benzo(a)anthracene	21.233	228	126186	1.882	ng/u1#	93
87) Chrysene	21.292	228	148149m	2.358	ng/u1	
90) Benzo(b)fluoranthene	23.227	252	150425	2.425	ng/u1#	77
93) Benzo(a)pyrene	24.004	252	97576	1.759	ng/u1#	82
94) Indeno(1,2,3-cd)pyrene	27.368	276	67978	1.081	ng/u1	95
96) Benzo(g,h,i)perylene	28.386	276	68064m	1.342	ng/u1	

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

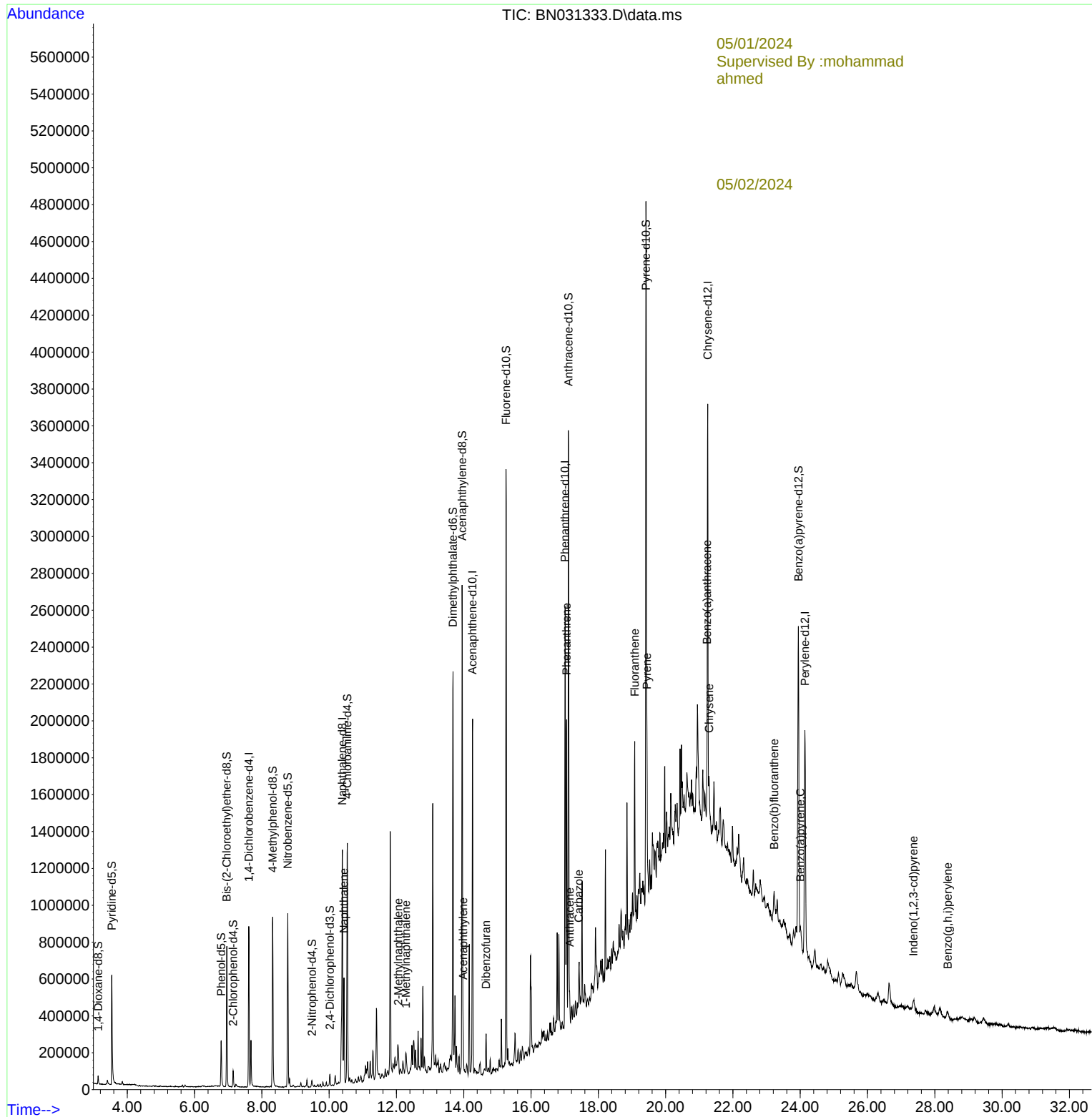
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN043024\
 Data File : BN031333.D
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 ALS Vial : 23 Sample Multiplier: 1

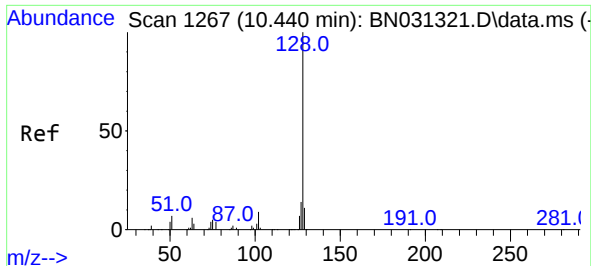
Instrument :
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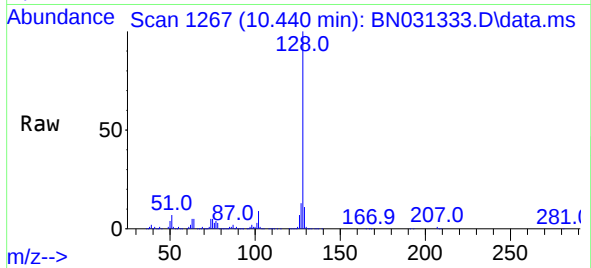
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 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN042924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Apr 30 23:30:44 2024
 Response via : Initial Calibration





#30
Naphthalene
Concen: 9.164 ng/u1
RT: 10.440 min Scan# 1267
Delta R.T. 0.000 min
Lab File: BN031333.D
Acq: 30 Apr 2024 23:13

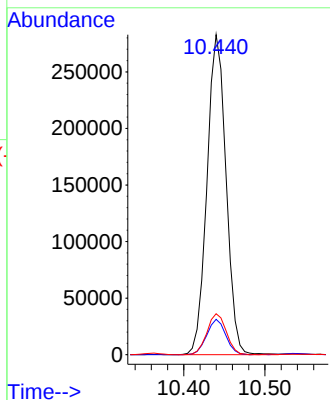
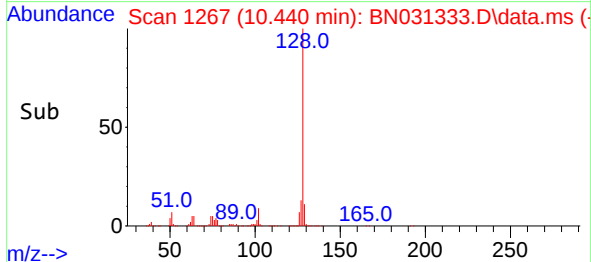
Instrument :
BNA_N
ClientSampleId :
E1CX0



Tgt Ion:128 Resp: 461267
Ion Ratio Lower Upper
128 100
129 11.1 9.1 13.7
127 12.8 10.7 16.1

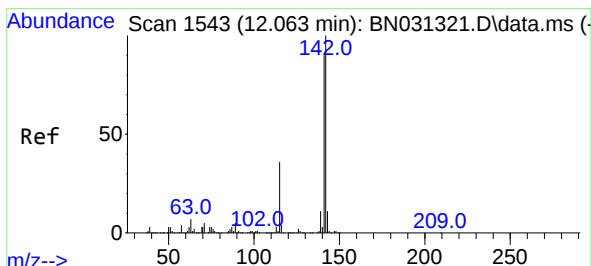
Manual Integrations
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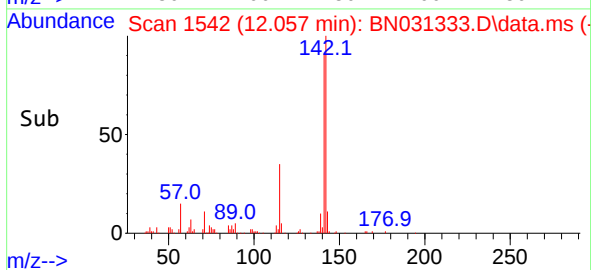
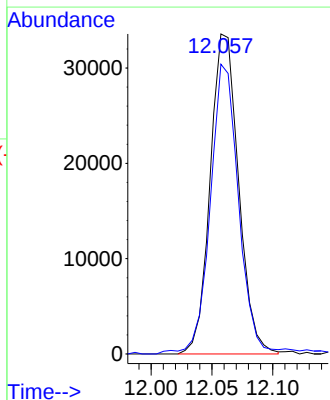
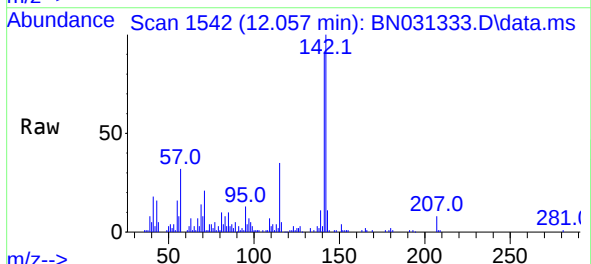
05/01/2024
Supervised By :mohammad
ahmed

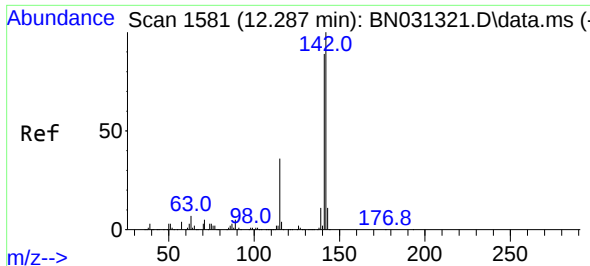
05/02/2024



#36
2-Methylnaphthalene
Concen: 1.560 ng/u1
RT: 12.057 min Scan# 1542
Delta R.T. -0.006 min
Lab File: BN031333.D
Acq: 30 Apr 2024 23:13

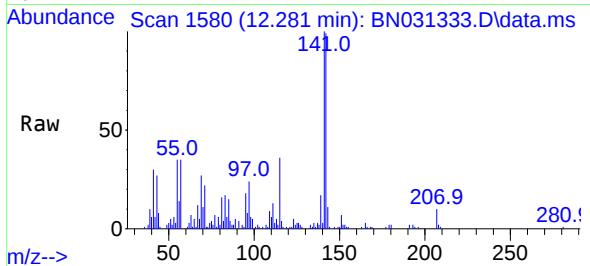
Tgt Ion:142 Resp: 54425
Ion Ratio Lower Upper
142 100
141 90.6 75.0 112.4





#37
1-Methylnaphthalene
Concen: 1.086 ng/ul
RT: 12.281 min Scan# 1580
Delta R.T. -0.006 min
Lab File: BN031333.D
Acq: 30 Apr 2024 23:13

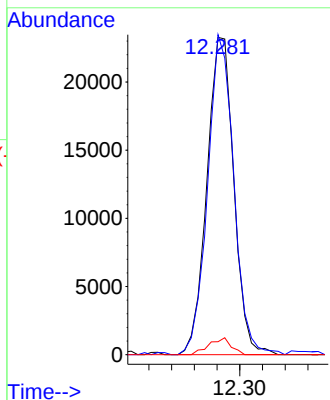
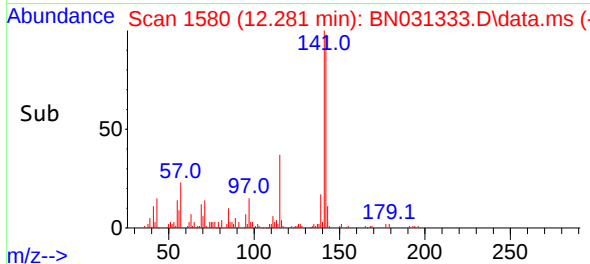
Instrument :
BNA_N
ClientSampleId :
E1CX0



Tgt Ion:142 Resp: 3833
Ion Ratio Lower Upper
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141 100.9 72.5 108.7
116 4.1 3.0 4.4

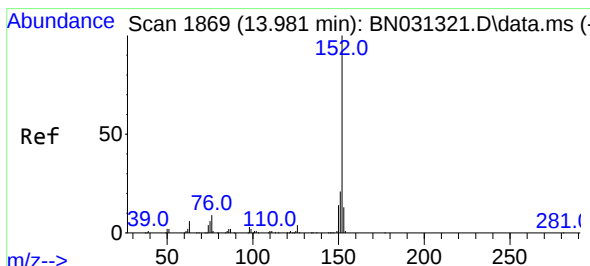
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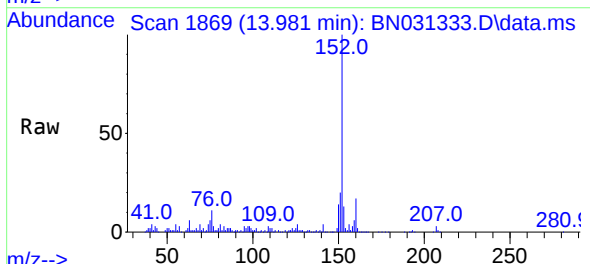


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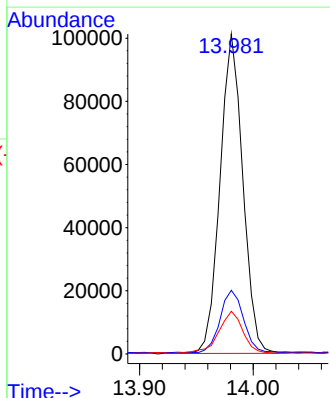
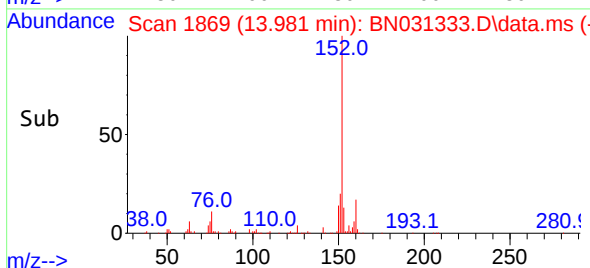
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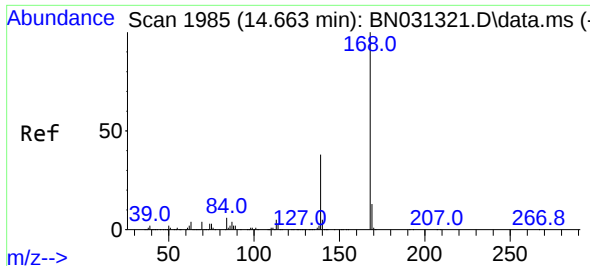


#50
Acenaphthylene
Concen: 2.445 ng/ul
RT: 13.981 min Scan# 1869
Delta R.T. 0.000 min
Lab File: BN031333.D
Acq: 30 Apr 2024 23:13



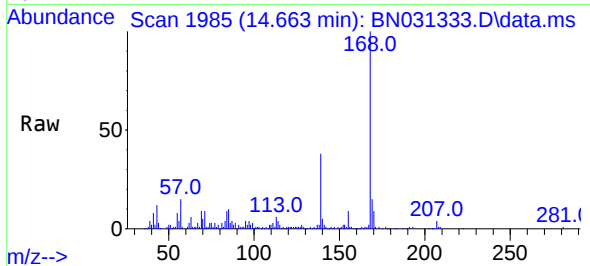
Tgt Ion:152 Resp: 140873
Ion Ratio Lower Upper
152 100
151 19.9 16.3 24.5
153 13.3 10.6 15.8





#56
Dibenzenofuran
Concen: 1.891 ng/ul
RT: 14.663 min Scan# 1985
Delta R.T. 0.000 min
Lab File: BN031333.D
Acq: 30 Apr 2024 23:13

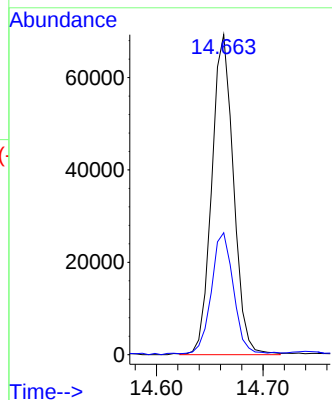
Instrument :
BNA_N
ClientSampleId :
E1CX0



Tgt Ion:168 Resp: 98145
Ion Ratio Lower Upper
168 100
139 38.1 29.7 44.5

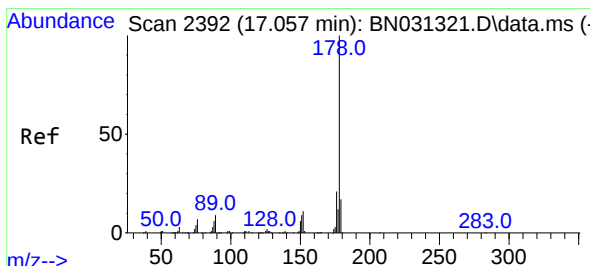
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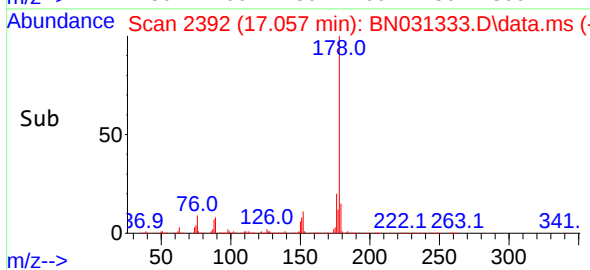
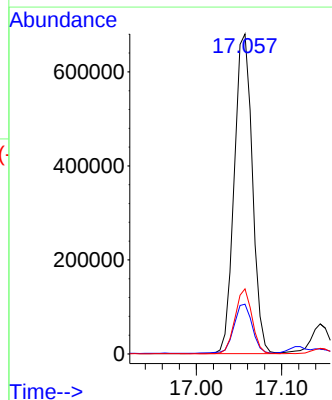
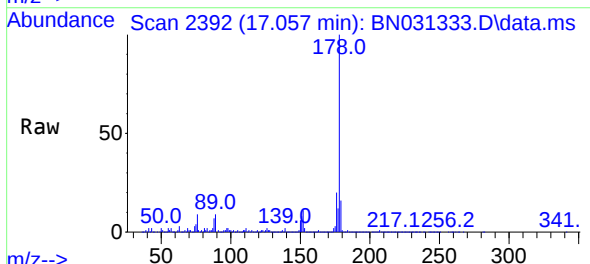
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ahmed

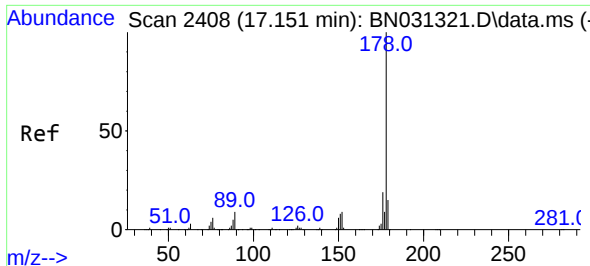
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#72
Phenanthrene
Concen: 14.879 ng/ul
RT: 17.057 min Scan# 2392
Delta R.T. 0.000 min
Lab File: BN031333.D
Acq: 30 Apr 2024 23:13

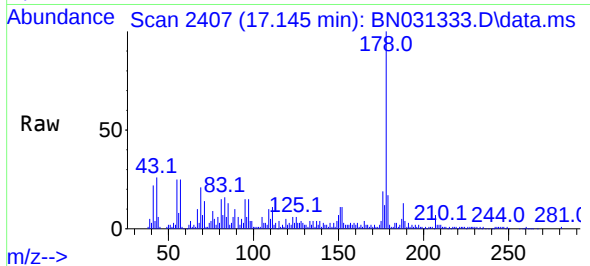
Tgt Ion:178 Resp: 1002494
Ion Ratio Lower Upper
178 100
179 15.5 12.4 18.6
176 20.3 15.6 23.4





#74
 Anthracene
 Concen: 1.400 ng/ul
 RT: 17.145 min Scan# 2407
 Delta R.T. -0.006 min
 Lab File: BN031333.D
 Acq: 30 Apr 2024 23:13

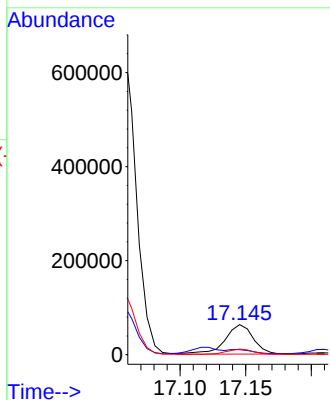
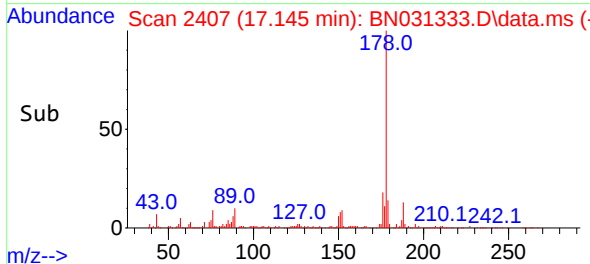
Instrument :
 BNA_N
 ClientSampleId :
 E1CX0



Tgt Ion:178 Resp: 94319
 Ion Ratio Lower Upper
 178 100
 179 16.6 12.0 18.0
 176 18.9 15.1 22.7

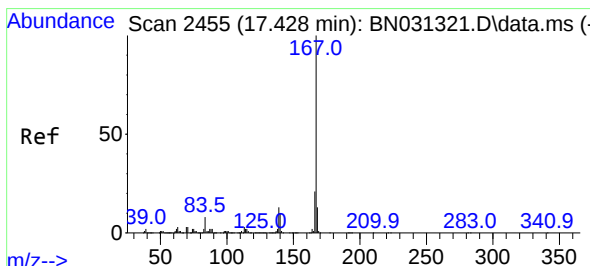
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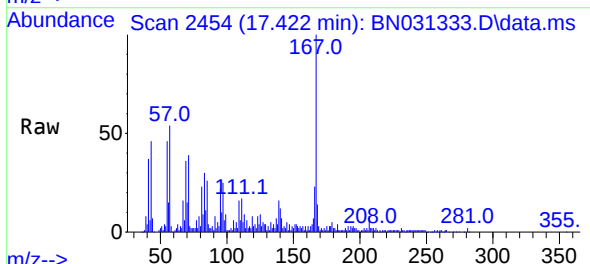


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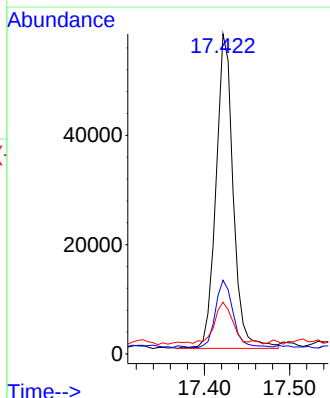
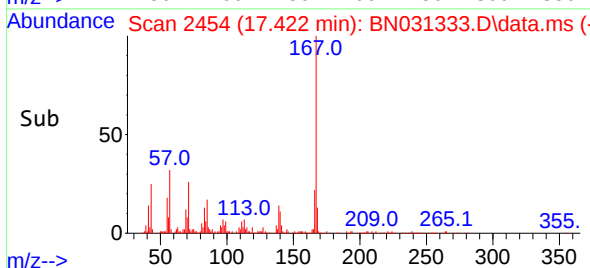
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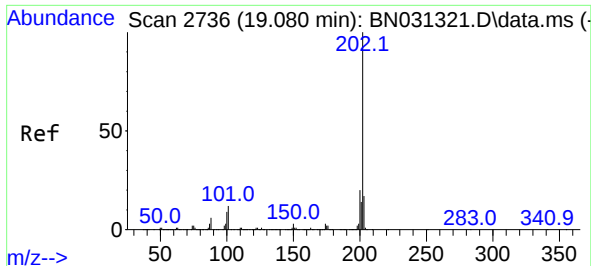


#77
 Carbazole
 Concen: 1.369 ng/ul
 RT: 17.422 min Scan# 2454
 Delta R.T. -0.006 min
 Lab File: BN031333.D
 Acq: 30 Apr 2024 23:13



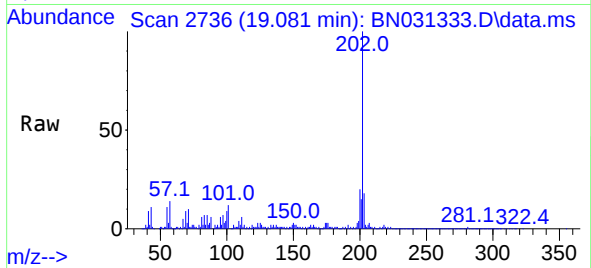
Tgt Ion:167 Resp: 80593
 Ion Ratio Lower Upper
 167 100
 166 23.1 16.7 25.1
 139 16.1 10.4 15.6#





#80
Fluoranthene
Concen: 6.756 ng/u1
RT: 19.081 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN031333.D
Acq: 30 Apr 2024 23:13

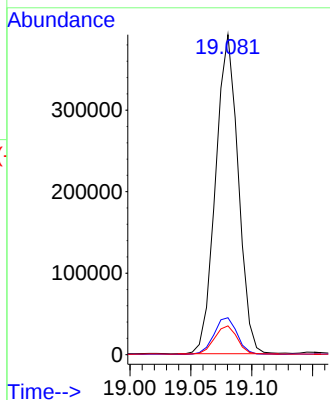
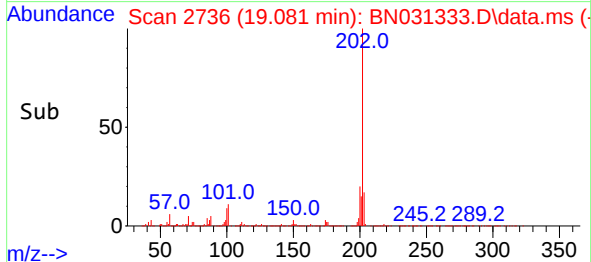
Instrument :
BNA_N
ClientSampleId :
E1CX0



Tgt Ion:202 Resp: 506911
Ion Ratio Lower Upper
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101 11.6 9.0 13.6
100 9.0 6.7 10.1

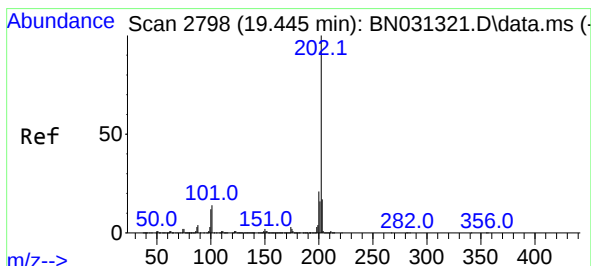
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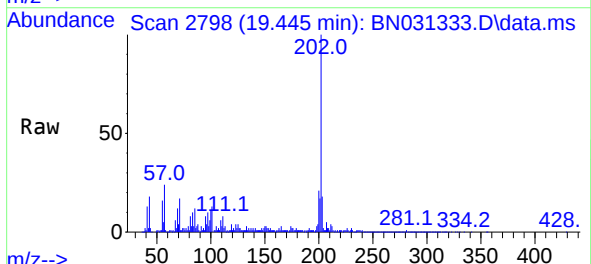


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ahmed

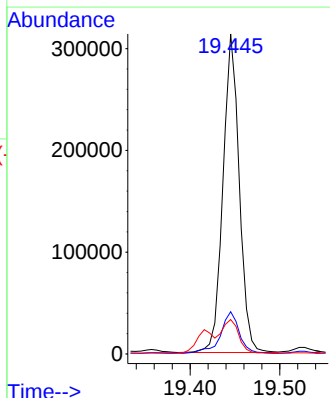
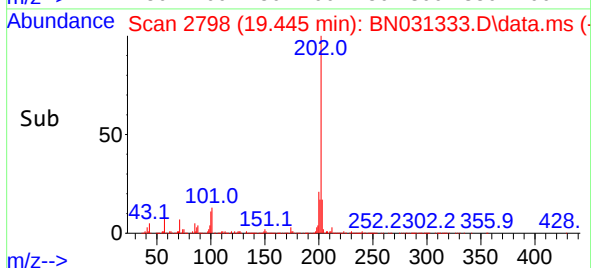
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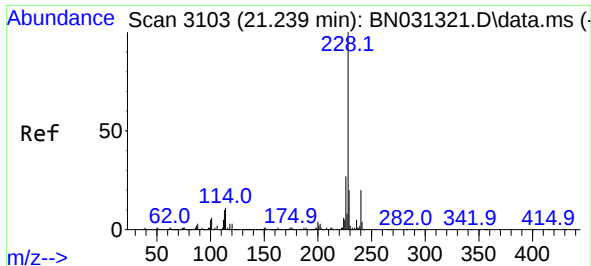


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Pyrene
Concen: 5.156 ng/u1
RT: 19.445 min Scan# 2798
Delta R.T. 0.000 min
Lab File: BN031333.D
Acq: 30 Apr 2024 23:13



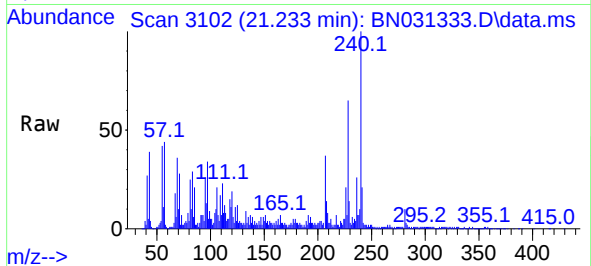
Tgt Ion:202 Resp: 394648
Ion Ratio Lower Upper
202 100
101 13.2 11.0 16.6
100 10.8 9.2 13.8





#85
Benzo(a)anthracene
Concen: 1.882 ng/u1
RT: 21.233 min Scan# 3103
Delta R.T. -0.006 min
Lab File: BN031333.D
Acq: 30 Apr 2024 23:13

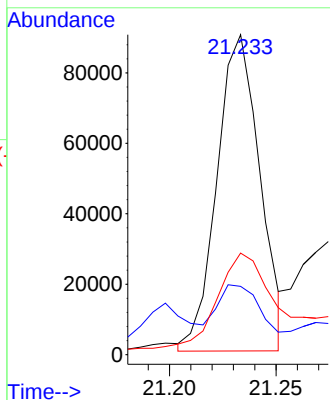
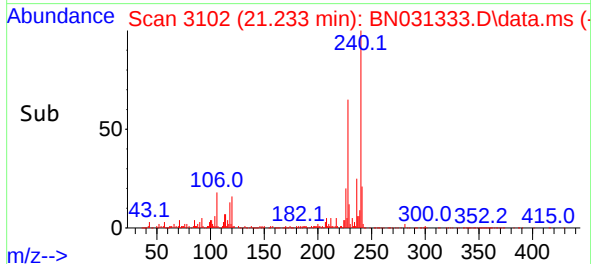
Instrument :
BNA_N
ClientSampleId :
E1CX0



Tgt Ion:228 Resp: 126180
Ion Ratio Lower Upper
228 100
229 21.4 15.9 23.9
226 31.8 21.1 31.7

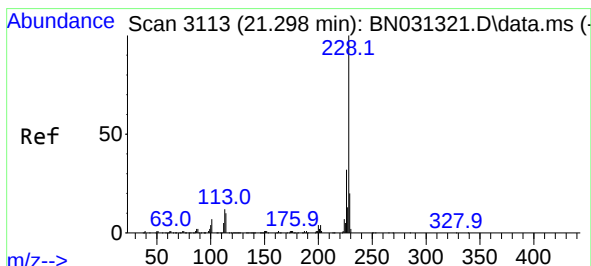
Manual Integrations
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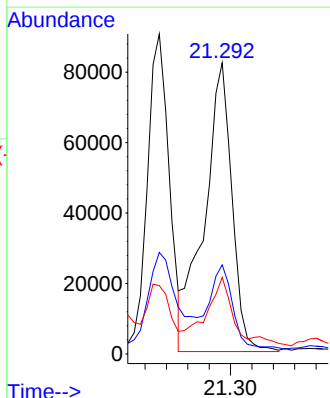
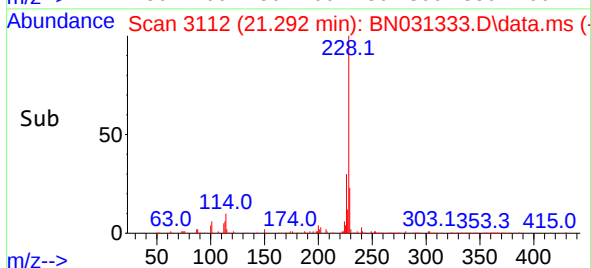
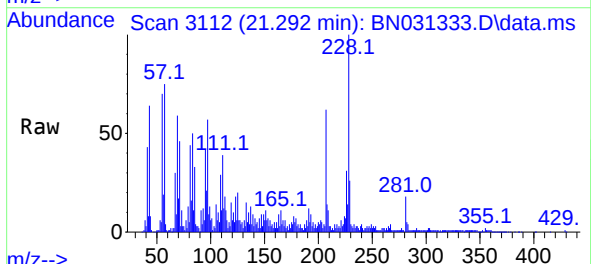
05/01/2024
Supervised By :mohammad
ahmed

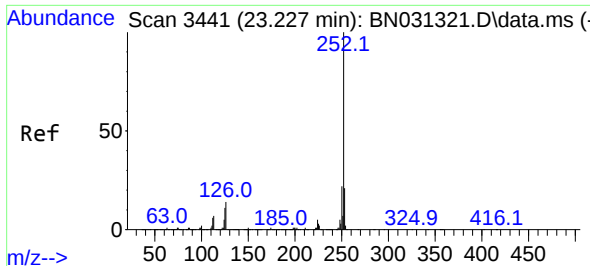
05/02/2024



#87
Chrysene
Concen: 2.358 ng/u1 m
RT: 21.292 min Scan# 3112
Delta R.T. -0.006 min
Lab File: BN031333.D
Acq: 30 Apr 2024 23:13

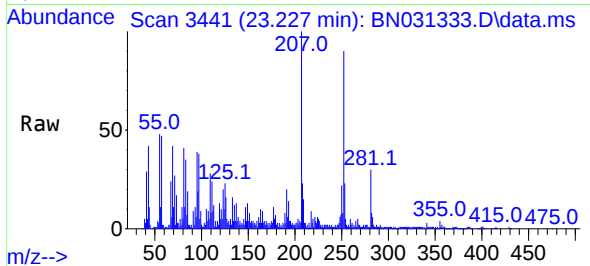
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Ion Ratio Lower Upper
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226 30.6 24.5 36.7
229 26.3 16.7 25.1





#90
Benzo(b)fluoranthene
Concen: 2.425 ng/u1
RT: 23.227 min Scan# 3441
Delta R.T. 0.000 min
Lab File: BN031333.D
Acq: 30 Apr 2024 23:13

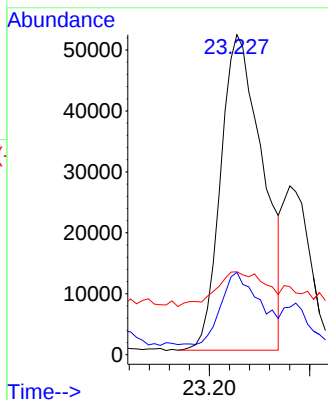
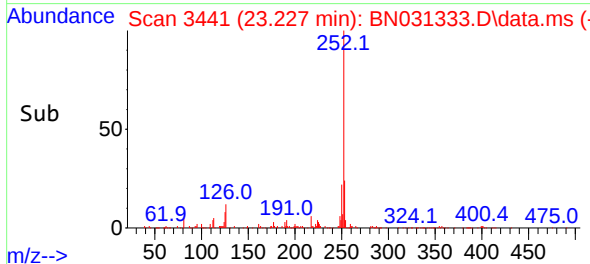
Instrument :
BNA_N
ClientSampleId :
E1CX0



Tgt Ion:252 Resp: 150425
Ion Ratio Lower Upper
252 100
253 25.7 15.7 23.5
125 25.9 8.6 13.0

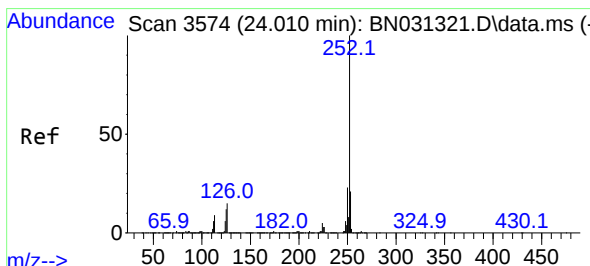
Manual Integrations
APPROVED

Reviewed By :Jagrut
Upadhyay

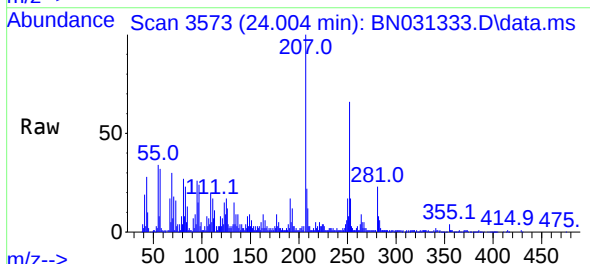


05/01/2024
Supervised By :mohammad
ahmed

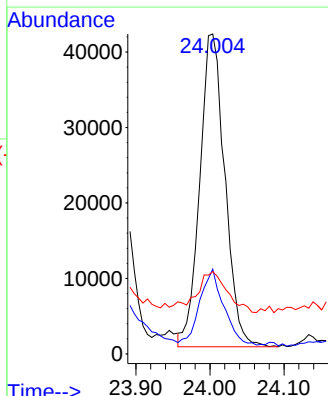
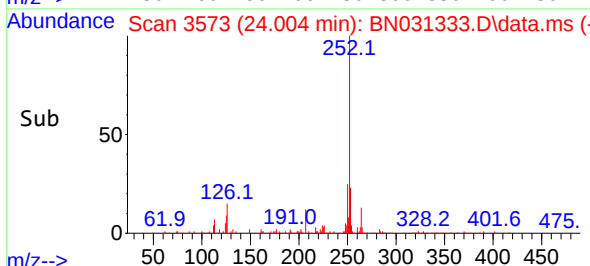
05/02/2024

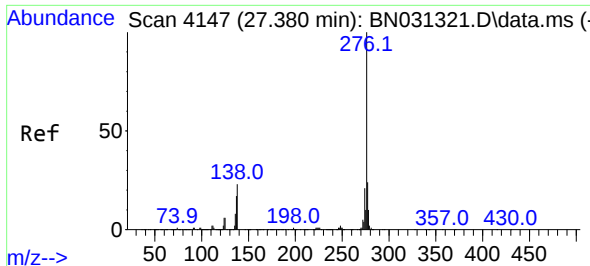


#93
Benzo(a)pyrene
Concen: 1.759 ng/u1
RT: 24.004 min Scan# 3573
Delta R.T. -0.006 min
Lab File: BN031333.D
Acq: 30 Apr 2024 23:13



Tgt Ion:252 Resp: 97576
Ion Ratio Lower Upper
252 100
253 26.5 17.7 26.5
125 25.7 9.7 14.5





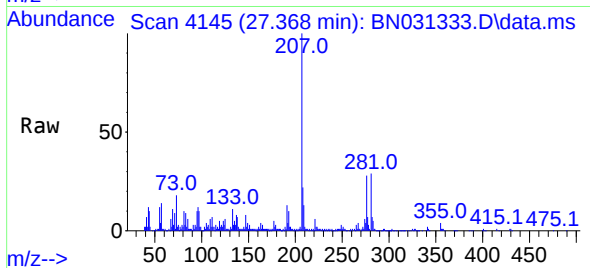
#94
Indeno(1,2,3-cd)pyrene
Concen: 1.081 ng/ul
RT: 27.368 min Scan# 4145
Delta R.T. -0.012 min
Lab File: BN031333.D
Acq: 30 Apr 2024 23:13

Instrument :

BNA_N

ClientSampleId :

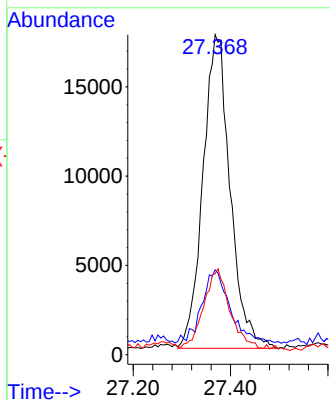
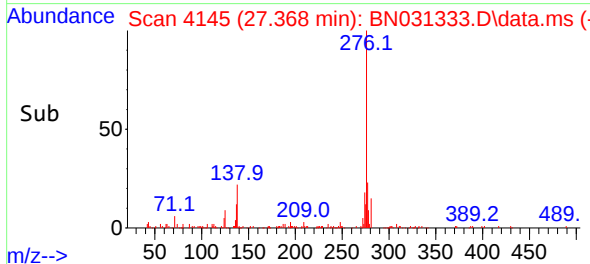
E1CX0



Tgt Ion:276 Resp: 67978
Ion Ratio Lower Upper
276 100
138 26.5 18.1 27.1
277 25.3 19.5 29.3

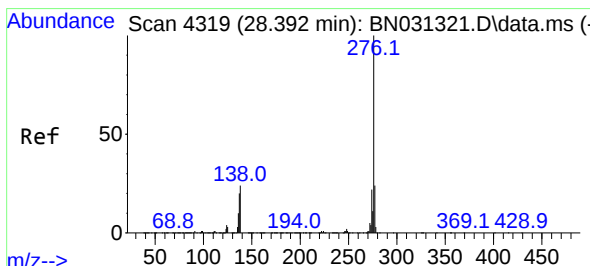
Manual Integrations
APPROVED

Reviewed By :Jagrut
Upadhyay

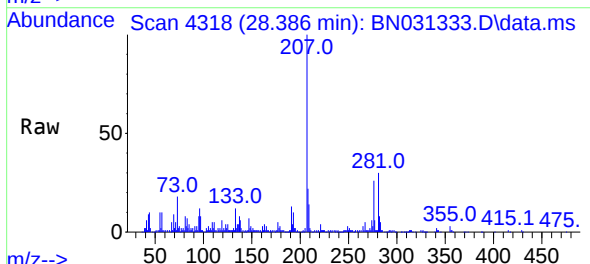


05/01/2024
Supervised By :mohammad
ahmed

05/02/2024



#96
Benzo(g,h,i)perylene
Concen: 1.342 ng/ul m
RT: 28.386 min Scan# 4318
Delta R.T. -0.006 min
Lab File: BN031333.D
Acq: 30 Apr 2024 23:13



Tgt Ion:276 Resp: 68064
Ion Ratio Lower Upper
276 100
138 23.9 18.8 28.2
277 23.7 18.0 27.0

