

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052424\
 Data File : BN031659.D
 Acq On : 24 May 2024 13:41
 Operator : MA/JU
 Sample : P2548-21
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BH616

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/25/2024
 Supervised By :mohammad ahmed 05/27/2024

Quant Time: May 24 23:13:34 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue May 21 23:42:49 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.687	152	403639	20.000	ng/u1	0.00
20) Naphthalene-d8	10.469	136	1519783	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.328	164	770834	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.069	188	1346947	20.000	ng/u1	0.00
79) Chrysene-d12	21.304	240	1291854	20.000	ng/u1	0.00
88) Perylene-d12	24.233	264	1571447	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.205	96	3870	0.380	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	0.00
7) Phenol-d5	6.852	99	9567	0.288	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.028	67	6771	0.340	ng/u1	0.00
11) 2-Chlorophenol-d4	7.216	132	8043	0.314	ng/u1	0.00
15) 4-Methylphenol-d8	8.387	113	6559	0.255	ng/u1	0.00
21) Nitrobenzene-d5	8.840	128	3793	0.330	ng/u1	0.00
24) 2-Nitrophenol-d4	9.557	143	3083	0.281	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.087	165	6537	0.304	ng/u1	0.00
31) 4-Chloroaniline-d4	10.610	131	10707	0.346	ng/u1	0.00
46) Dimethylphthalate-d6	13.740	166	19084	0.393	ng/u1	0.00
49) Acenaphthylene-d8	14.016	160	21576	0.354	ng/u1	0.00
54) 4-Nitrophenol-d4	14.522	143	1670	0.182	ng/u1	0.00
60) Fluorene-d10	15.322	176	16140	0.383	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.434	200	654	0.112	ng/u1	0.00
73) Anthracene-d10	17.169	188	24047m	0.422	ng/u1	0.00
81) Pyrene-d10	19.463	212	27511	0.340	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.027	264	30667	0.415	ng/u1	-0.01
Target Compounds						
					Qvalue	
50) Acenaphthylene	14.046	152	111221	1.582	ng/u1	98
72) Phenanthrene	17.110	178	292943	4.285	ng/u1	100
74) Anthracene	17.204	178	89681	1.308	ng/u1	99
80) Fluoranthene	19.128	202	832199	8.309	ng/u1	98
82) Pyrene	19.492	202	804493	7.832	ng/u1	97
85) Benzo(a)anthracene	21.286	228	481303	5.540	ng/u1	93
87) Chrysene	21.345	228	490791	6.116	ng/u1	98
90) Benzo(b)fluoranthene	23.310	252	712479	7.769	ng/u1	100
91) Benzo(k)fluoranthene	23.369	252	238553m	2.552	ng/u1	
93) Benzo(a)pyrene	24.092	252	513558	5.830	ng/u1	98
94) Indeno(1,2,3-cd)pyrene	27.527	276	366529	3.467	ng/u1	97
95) Dibenzo(a,h)anthracene	27.592	278	94495m	1.085	ng/u1	
96) Benzo(g,h,i)perylene	28.557	276	359787m	4.119	ng/u1	

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

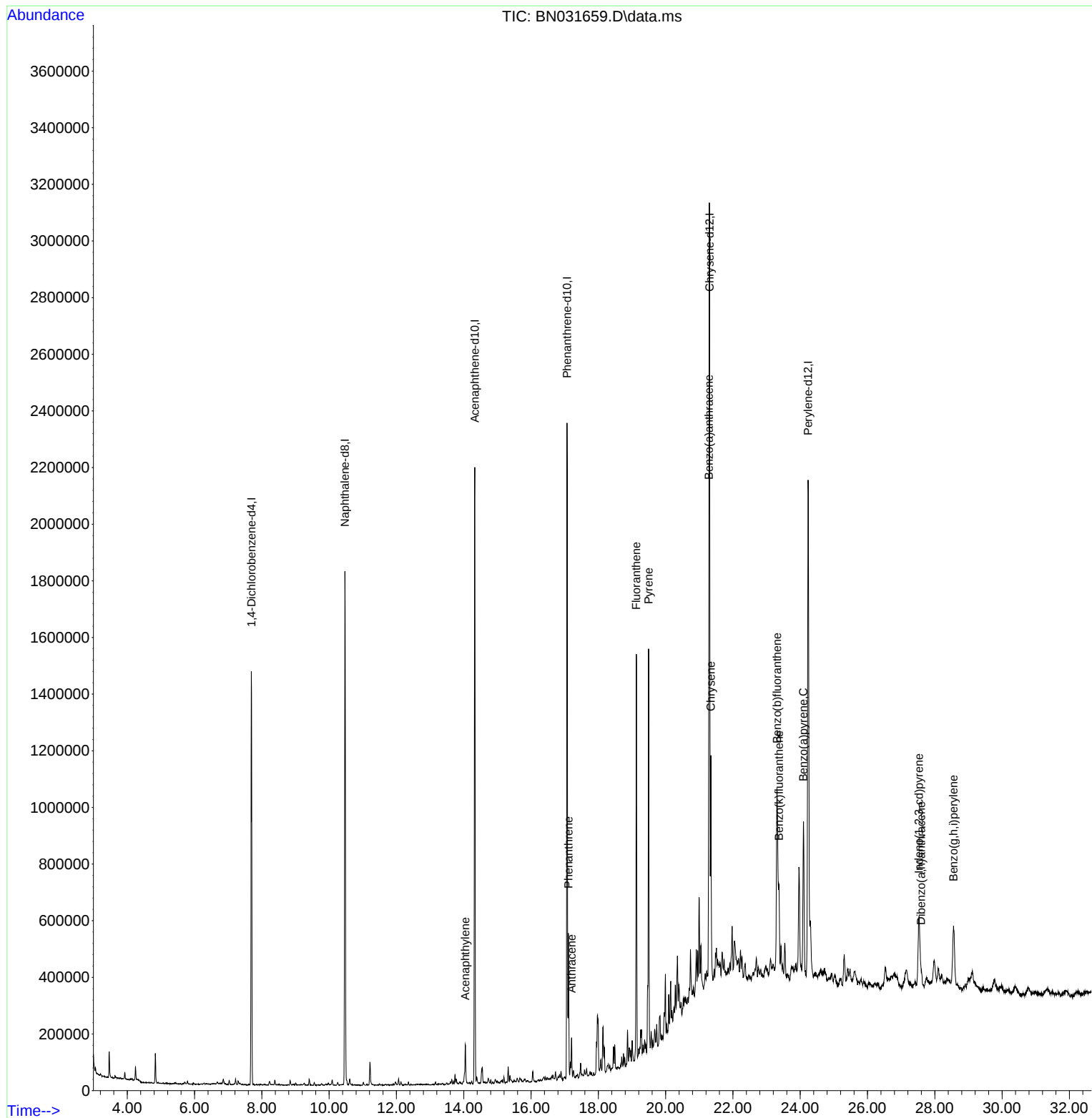
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052424\
Data File : BN031659.D
Acq On : 24 May 2024 13:41
Operator : MA/JU
Sample : P2548-21
Misc :
ALS Vial : 10 Sample Multiplier: 1

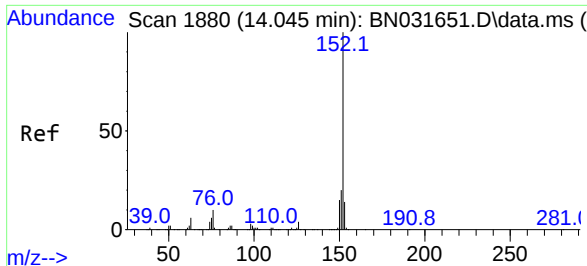
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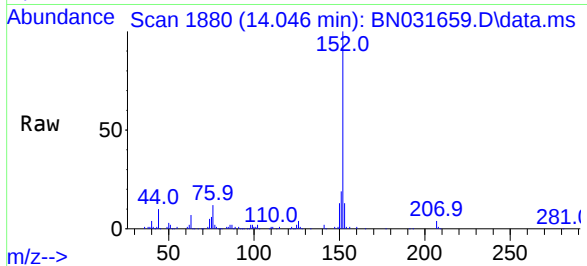
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 21 23:42:49 2024
Response via : Initial Calibration





#50
Acenaphthylene
Concen: 1.582 ng/ul
RT: 14.046 min Scan# 11
Delta R.T. -0.006 min
Lab File: BN031659.D
Acq: 24 May 2024 13:41

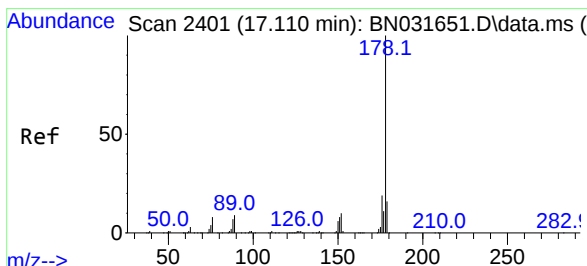
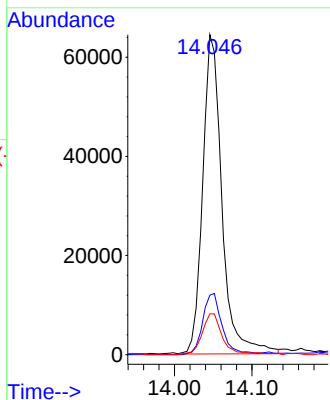
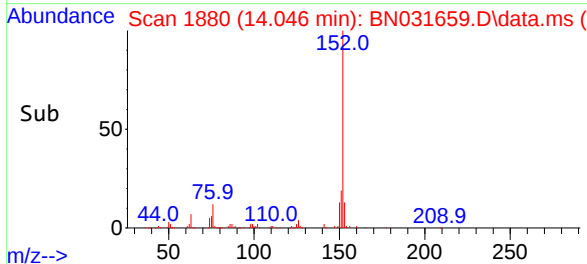
Instrument :
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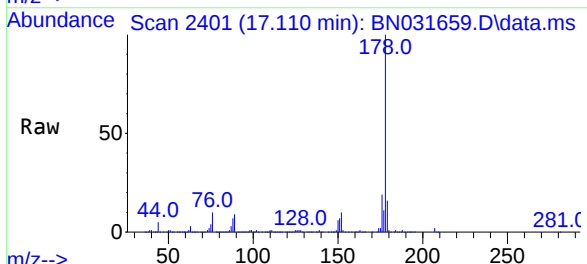
Tgt Ion:152 Resp: 11122
Ion Ratio Lower Upper
152 100
151 18.6 15.6 23.4
153 12.7 10.8 16.2

Manual Integrations
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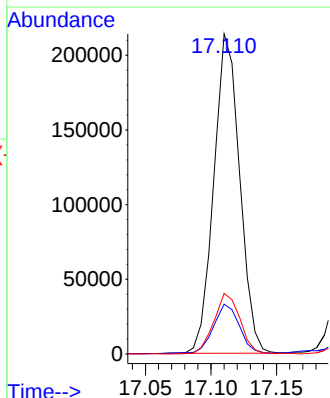
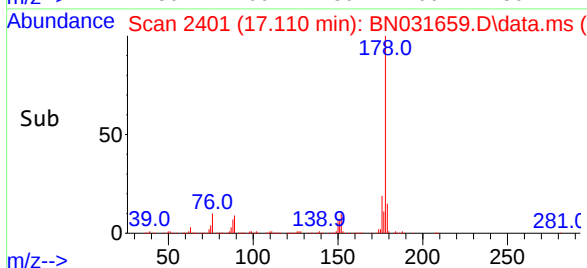
Reviewed By :Yogesh Patel 05/25/2024
Supervised By :mohammad ahmed 05/27/2024

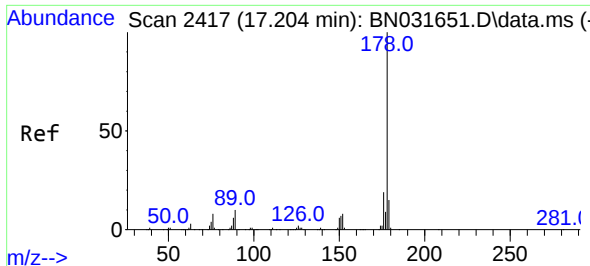


#72
Phenanthrene
Concen: 4.285 ng/ul
RT: 17.110 min Scan# 2401
Delta R.T. -0.006 min
Lab File: BN031659.D
Acq: 24 May 2024 13:41



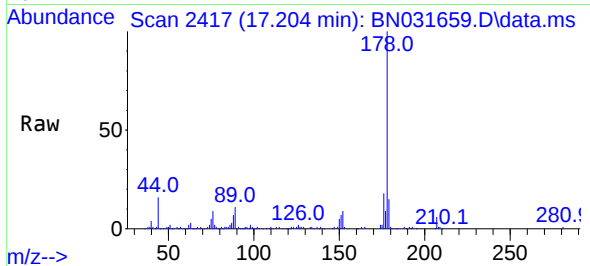
Tgt Ion:178 Resp: 292943
Ion Ratio Lower Upper
178 100
179 15.6 12.6 18.8
176 19.0 15.2 22.8





#74
 Anthracene
 Concen: 1.308 ng/ul
 RT: 17.204 min Scan# 2417
 Delta R.T. 0.000 min
 Lab File: BN031659.D
 Acq: 24 May 2024 13:41

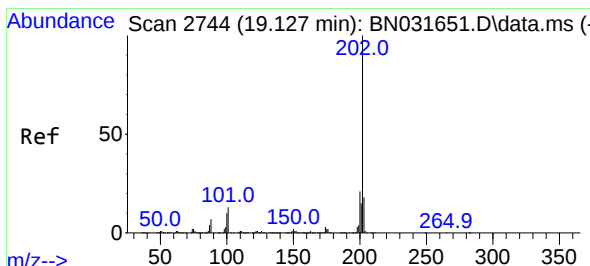
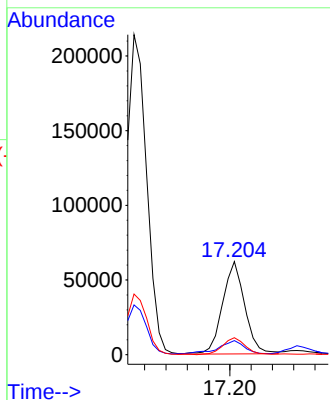
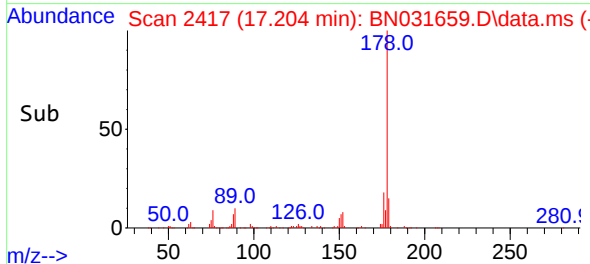
Instrument :
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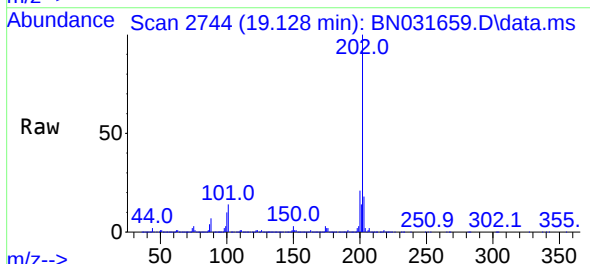
Tgt Ion:178 Resp: 8968
 Ion Ratio Lower Upper
 178 100
 179 15.1 11.9 17.9
 176 18.3 15.4 23.2

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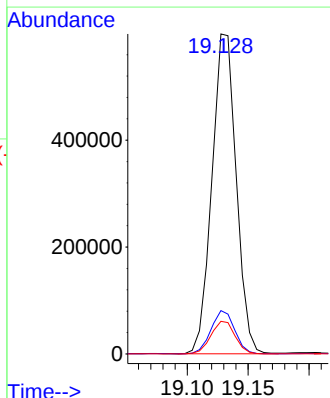
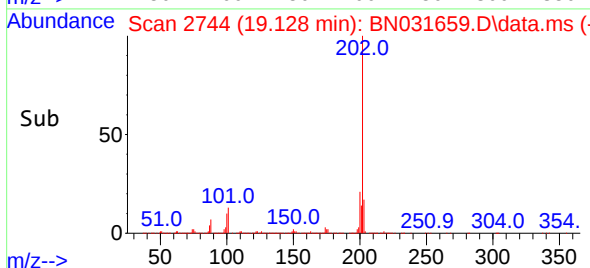
Reviewed By :Yogesh Patel 05/25/2024
 Supervised By :mohammad ahmed 05/27/2024

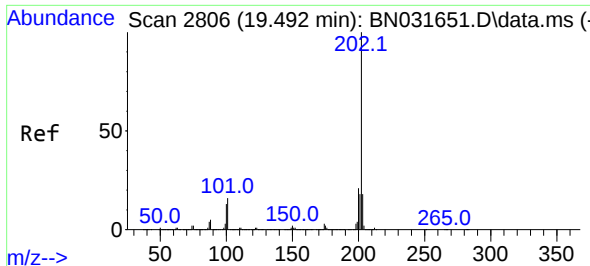


#80
 Fluoranthene
 Concen: 8.309 ng/ul
 RT: 19.128 min Scan# 2744
 Delta R.T. -0.006 min
 Lab File: BN031659.D
 Acq: 24 May 2024 13:41



Tgt Ion:202 Resp: 832199
 Ion Ratio Lower Upper
 202 100
 101 13.6 10.1 15.1
 100 10.2 8.0 12.0





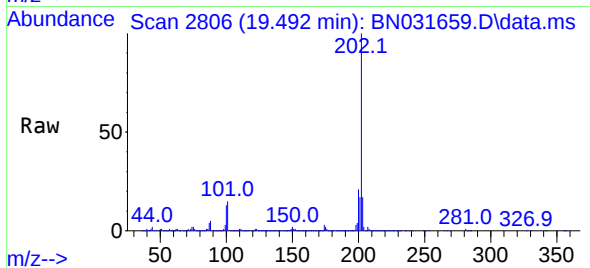
#82
Pyrene
Concen: 7.832 ng/ul
RT: 19.492 min Scan# 2806
Delta R.T. -0.006 min
Lab File: BN031659.D
Acq: 24 May 2024 13:41

Instrument :

BNA_N

ClientSampleId :

BH616

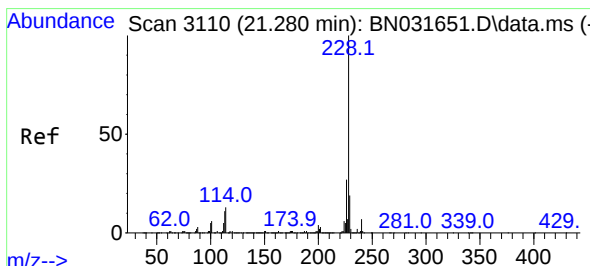
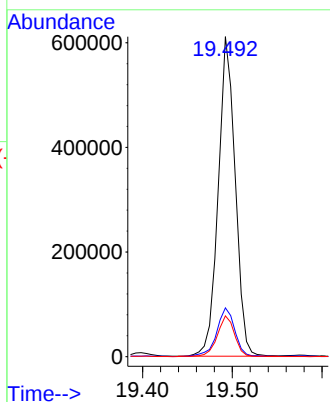
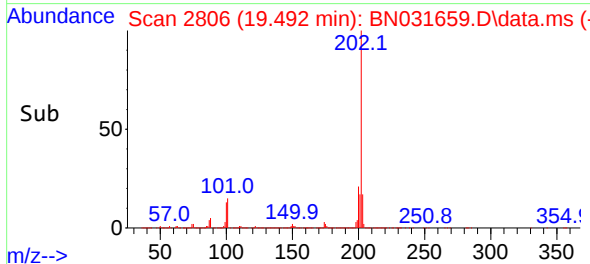


Tgt Ion:202 Resp: 80449
Ion Ratio Lower Upper
202 100
101 15.2 11.4 17.2
100 12.8 9.3 13.9

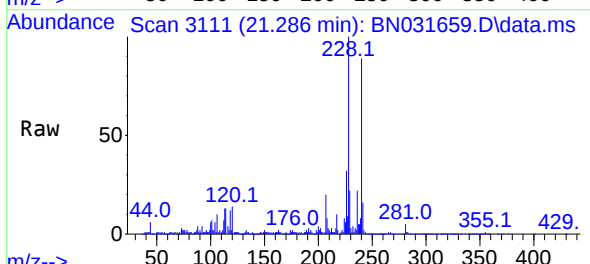
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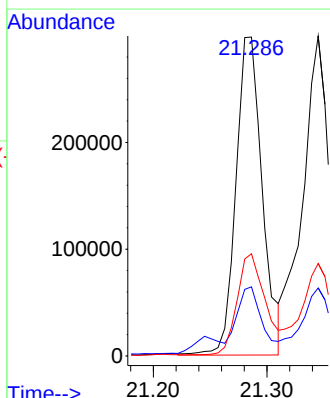
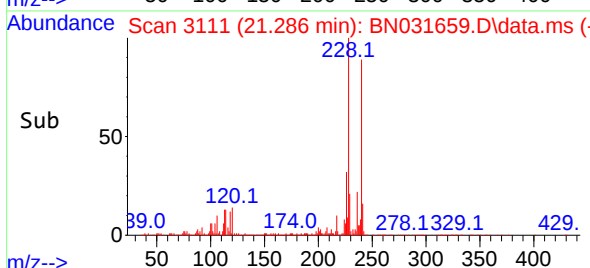
Reviewed By :Yogesh Patel 05/25/2024
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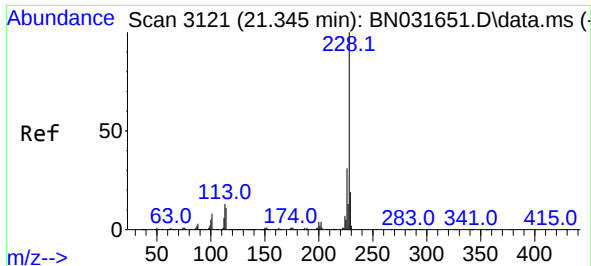


#85
Benzo(a)anthracene
Concen: 5.540 ng/ul
RT: 21.286 min Scan# 3111
Delta R.T. 0.000 min
Lab File: BN031659.D
Acq: 24 May 2024 13:41



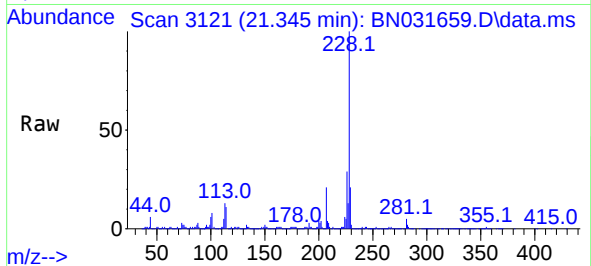
Tgt Ion:228 Resp: 481303
Ion Ratio Lower Upper
228 100
229 21.7 15.7 23.5
226 32.1 21.9 32.9





#87
Chrysene
Concen: 6.116 ng/ul
RT: 21.345 min Scan# 3121
Delta R.T. 0.000 min
Lab File: BN031659.D
Acq: 24 May 2024 13:41

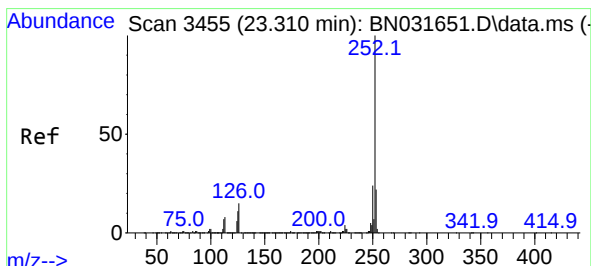
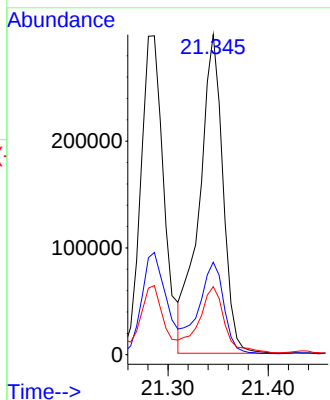
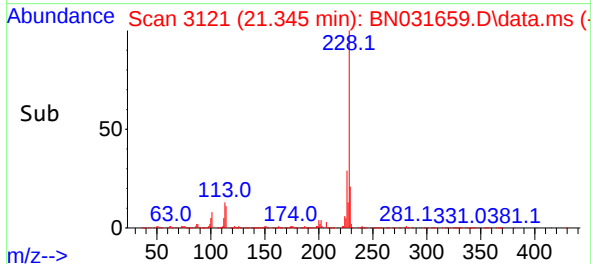
Instrument :
BNA_N
ClientSampleId :
BH616



Tgt Ion:228 Resp: 490791
Ion Ratio Lower Upper
228 100
226 28.9 22.9 34.3
229 21.2 15.2 22.8

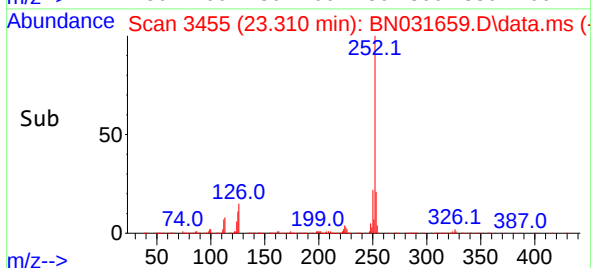
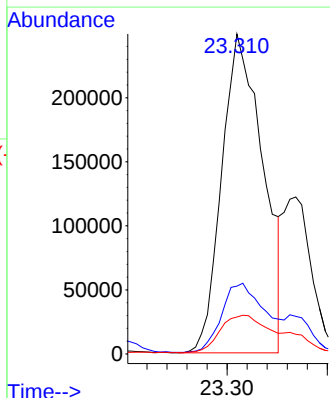
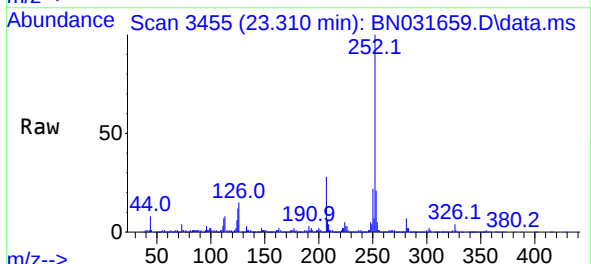
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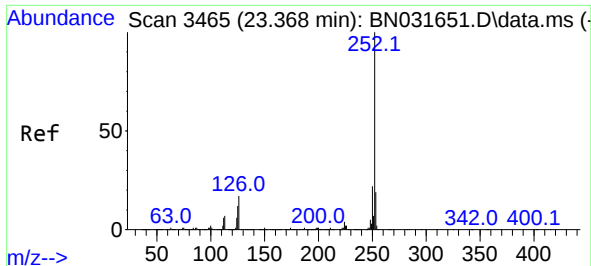
Reviewed By :Yogesh Patel 05/25/2024
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#90
Benzo(b)fluoranthene
Concen: 7.769 ng/ul
RT: 23.310 min Scan# 3455
Delta R.T. 0.000 min
Lab File: BN031659.D
Acq: 24 May 2024 13:41

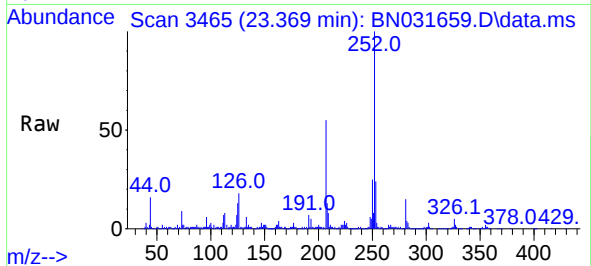
Tgt Ion:252 Resp: 712479
Ion Ratio Lower Upper
252 100
253 21.2 16.8 25.2
125 11.6 9.3 13.9





#91
Benzo(k)fluoranthene
Concen: 2.552 ng/ul m
RT: 23.369 min Scan# 3465
Delta R.T. 0.000 min
Lab File: BN031659.D
Acq: 24 May 2024 13:41

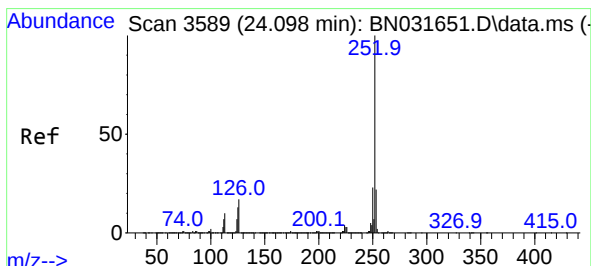
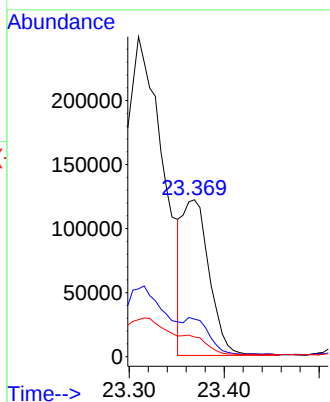
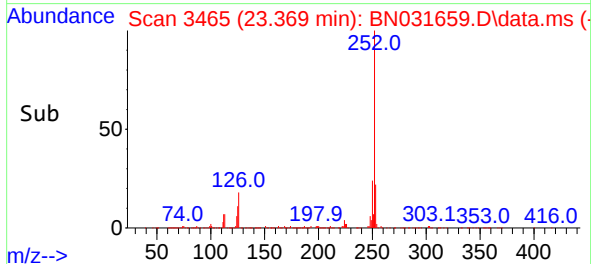
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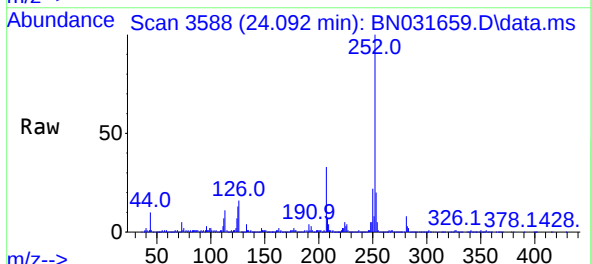
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Ion Ratio Lower Upper
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253 24.0 17.4 26.0
125 12.5 9.3 13.9

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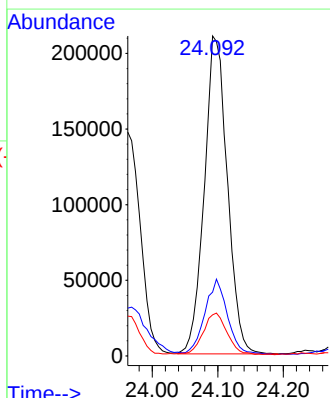
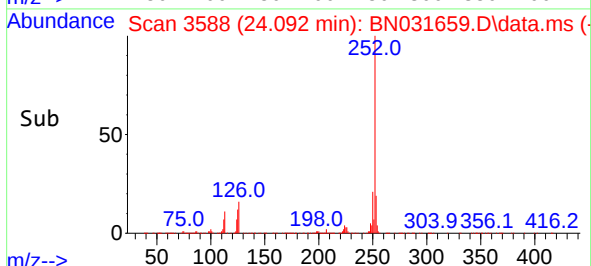
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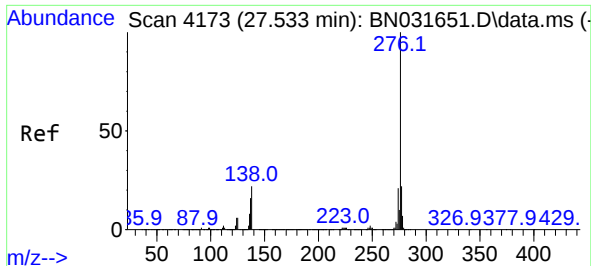


#93
Benzo(a)pyrene
Concen: 5.830 ng/ul
RT: 24.092 min Scan# 3588
Delta R.T. -0.012 min
Lab File: BN031659.D
Acq: 24 May 2024 13:41



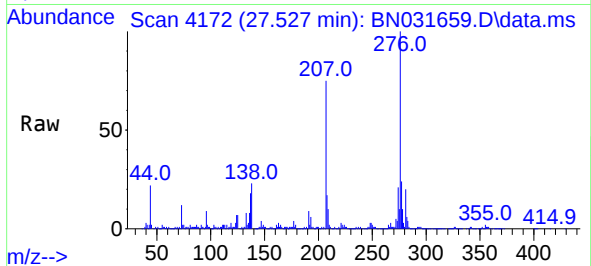
Tgt Ion:252 Resp: 513558
Ion Ratio Lower Upper
252 100
253 19.9 16.6 24.8
125 12.9 9.8 14.8





#94
Indeno(1,2,3-cd)pyrene
Concen: 3.467 ng/ul
RT: 27.527 min Scan# 4172
Delta R.T. -0.006 min
Lab File: BN031659.D
Acq: 24 May 2024 13:41

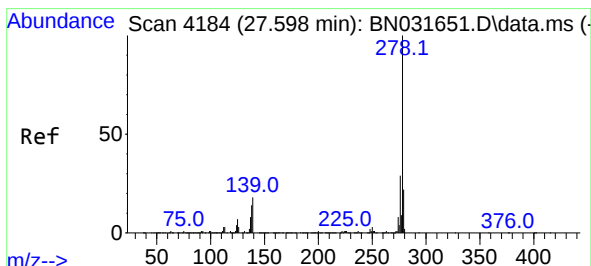
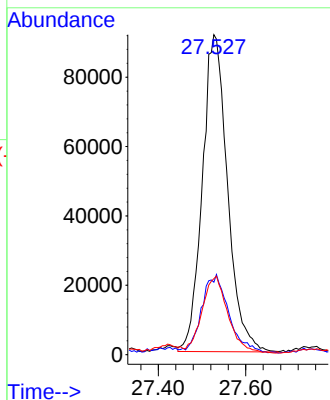
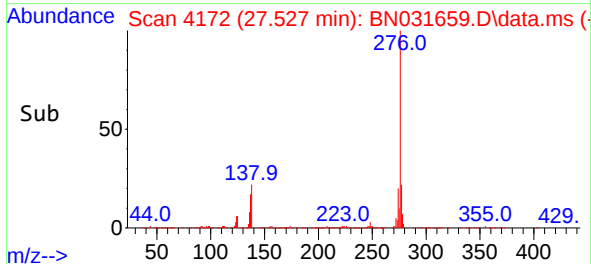
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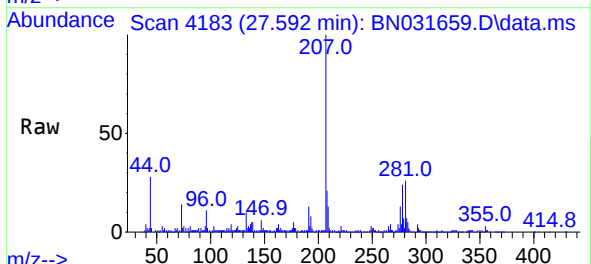
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Ion Ratio Lower Upper
276 100
138 22.7 19.8 29.6
277 23.7 18.2 27.4

Manual Integrations
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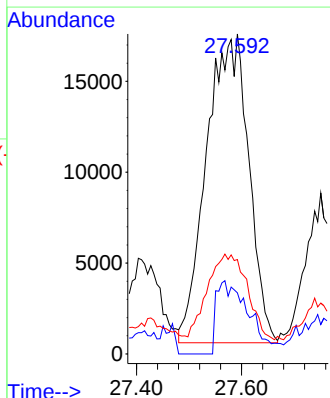
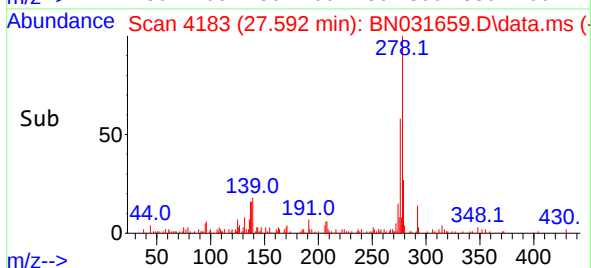
Reviewed By :Yogesh Patel 05/25/2024
Supervised By :mohammad ahmed 05/27/2024

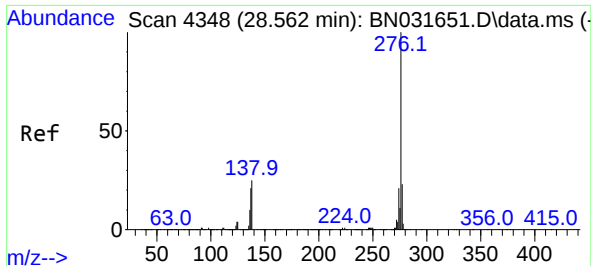


#95
Dibenzo(a,h)anthracene
Concen: 1.085 ng/ul m
RT: 27.592 min Scan# 4183
Delta R.T. 0.000 min
Lab File: BN031659.D
Acq: 24 May 2024 13:41



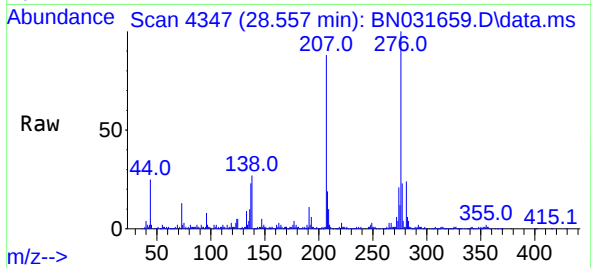
Tgt Ion:278 Resp: 94495
Ion Ratio Lower Upper
278 100
139 19.1 15.2 22.8
279 29.5 18.4 27.6#





#96
Benzo(g,h,i)perylene
Concen: 4.119 ng/ul m
RT: 28.557 min Scan# 41
Delta R.T. 0.000 min
Lab File: BN031659.D
Acq: 24 May 2024 13:41

Instrument :
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Tgt Ion:276 Resp: 35978
Ion Ratio Lower Upper
276 100
138 27.4 19.5 29.3
277 23.0 17.6 26.4

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