

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052424\
 Data File : BN031657.D
 Acq On : 24 May 2024 12:21
 Operator : MA/JU
 Sample : P2548-11
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BH608

Manual Integrations
 APPROVED

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

Quant Time: May 24 23:07:14 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	421639	20.000	ng/u1	0.00
20) Naphthalene-d8	10.469	136	1580161	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.328	164	853941	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.069	188	1630206	20.000	ng/u1	0.00
79) Chrysene-d12	21.304	240	1487203	20.000	ng/u1	0.00
88) Perylene-d12	24.239	264	1861284	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.205	96	41709	3.921	ng/uL	0.00
4) Pyridine-d5	3.605	84	466741	15.723	ng/u1	0.00
7) Phenol-d5	6.852	99	692973	19.965	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.028	67	418903	20.123	ng/u1	0.00
11) 2-Chlorophenol-d4	7.222	132	569408	21.290	ng/u1	0.00
15) 4-Methylphenol-d8	8.387	113	509025	18.944	ng/u1	0.00
21) Nitrobenzene-d5	8.840	128	254437	21.276	ng/u1	0.00
24) 2-Nitrophenol-d4	9.557	143	243510	21.323	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.087	165	453676	20.318	ng/u1	0.00
31) 4-Chloroaniline-d4	10.610	131	580294	18.029	ng/u1	0.00
46) Dimethylphthalate-d6	13.740	166	1170951	21.759	ng/u1	0.00
49) Acenaphthylene-d8	14.016	160	1492073	22.121	ng/u1	0.00
54) 4-Nitrophenol-d4	14.516	143	171002	16.794	ng/u1	0.00
60) Fluorene-d10	15.322	176	1067315	22.885	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.434	200	97806	13.877	ng/u1	0.00
73) Anthracene-d10	17.169	188	1601275	23.203	ng/u1	0.00
81) Pyrene-d10	19.463	212	1848624	19.817	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.039	264	2027805	23.145	ng/u1	0.00
Target Compounds					Qvalue	
50) Acenaphthylene	14.045	152	119559	1.536	ng/u1	99
72) Phenanthrene	17.116	178	574099	6.939	ng/u1	99
74) Anthracene	17.204	178	135624	1.634	ng/u1	97
80) Fluoranthene	19.133	202	1632645	14.159	ng/u1	99
82) Pyrene	19.492	202	1550390	13.111	ng/u1	96
85) Benzo(a)anthracene	21.286	228	884742	8.847	ng/u1	98
87) Chrysene	21.345	228	931735	10.086	ng/u1	96
90) Benzo(b)fluoranthene	23.310	252	1440699	13.264	ng/u1	97
91) Benzo(k)fluoranthene	23.363	252	394945m	3.567	ng/u1	
93) Benzo(a)pyrene	24.104	252	961734	9.218	ng/u1	96
94) Indeno(1,2,3-cd)pyrene	27.527	276	719046	5.742	ng/u1	98
95) Dibenzo(a,h)anthracene	27.580	278	182748m	1.772	ng/u1	
96) Benzo(g,h,i)perylene	28.556	276	689400	6.664	ng/u1	97

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

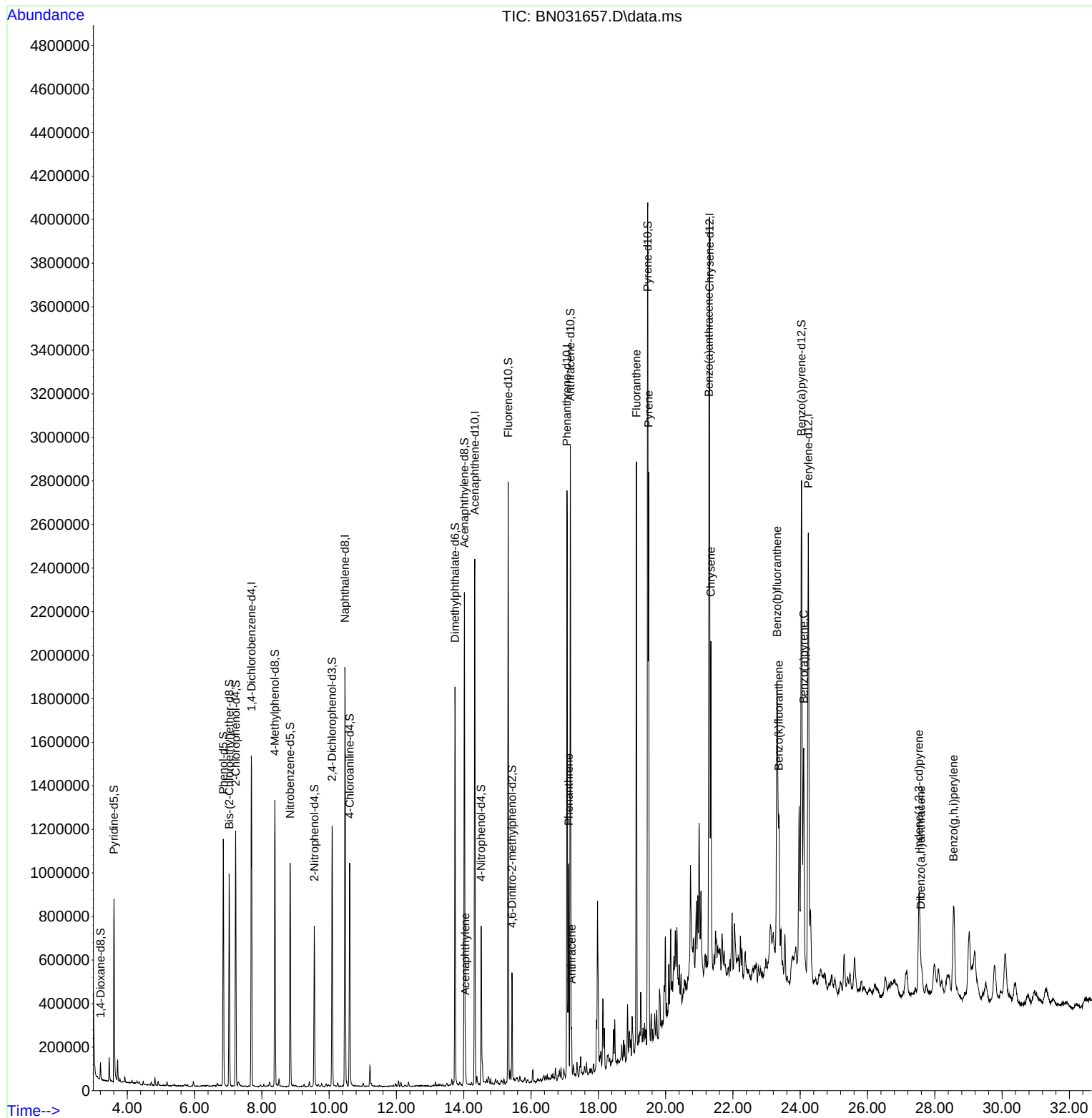
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052424\
Data File : BN031657.D
Acq On : 24 May 2024 12:21
Operator : MA/JU
Sample : P2548-11
Misc :
ALS Vial : 8 Sample Multiplier: 1

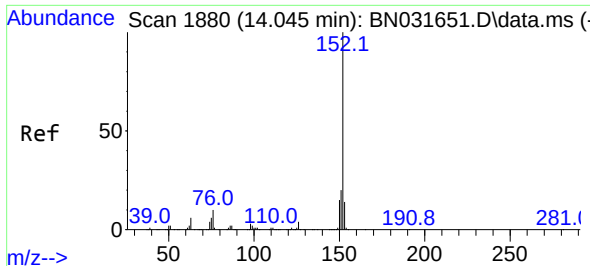
Instrument :
BNA_N
ClientSampleId :
BH608

Manual Integrations
APPROVED

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

Quant Time: May 24 23:07:14 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





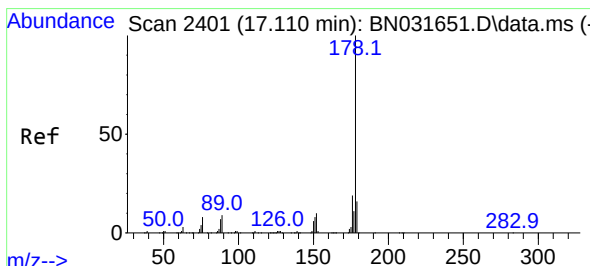
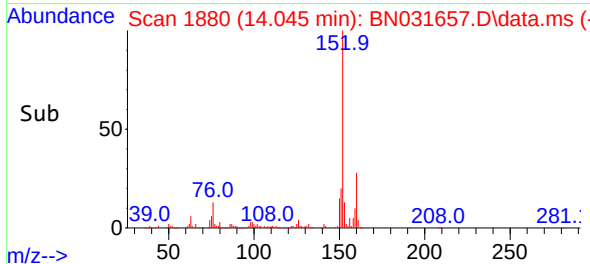
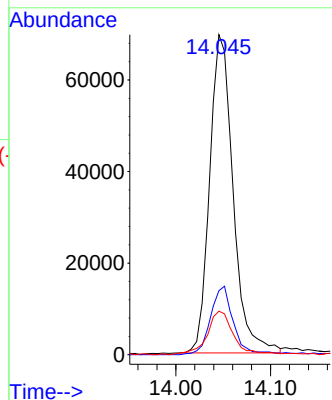
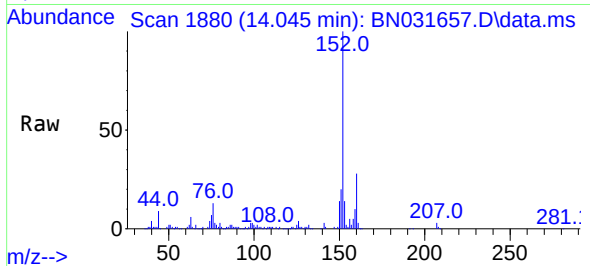
#50
Acenaphthylene
Concen: 1.536 ng/u1
RT: 14.045 min Scan# 11955
Delta R.T. -0.006 min
Lab File: BN031657.D
Acq: 24 May 2024 12:21

Instrument : BNA_N
ClientSampleId : BH608

Tgt Ion:152 Resp: 11955
Ion Ratio Lower Upper
152 100
151 20.0 15.6 23.4
153 13.6 10.8 16.2

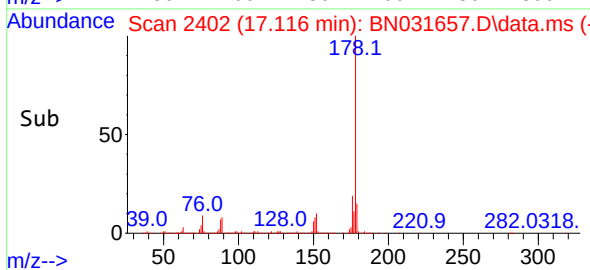
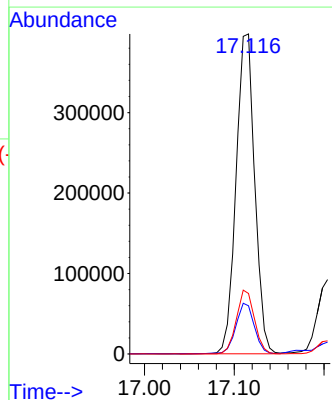
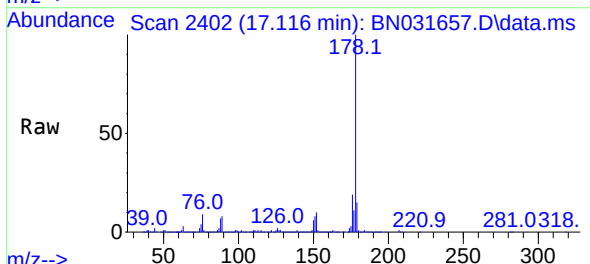
Manual Integrations
APPROVED

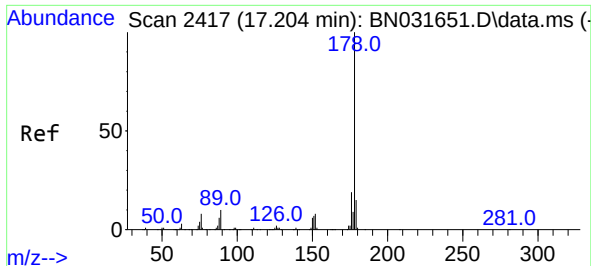
Reviewed By :Yogesh Patel 05/25/2024
Supervised By :mohammad ahmed 05/27/2024



#72
Phenanthrene
Concen: 6.939 ng/u1
RT: 17.116 min Scan# 2402
Delta R.T. 0.000 min
Lab File: BN031657.D
Acq: 24 May 2024 12:21

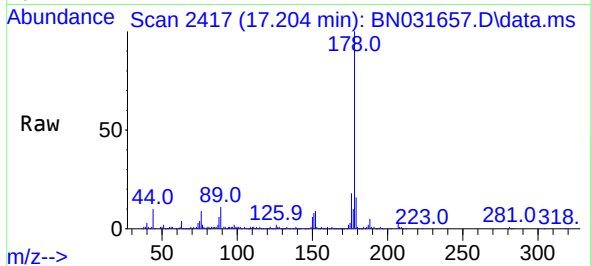
Tgt Ion:178 Resp: 574099
Ion Ratio Lower Upper
178 100
179 15.1 12.6 18.8
176 18.9 15.2 22.8





#74
 Anthracene
 Concen: 1.634 ng/ul
 RT: 17.204 min Scan# 2417
 Delta R.T. 0.000 min
 Lab File: BN031657.D
 Acq: 24 May 2024 12:21

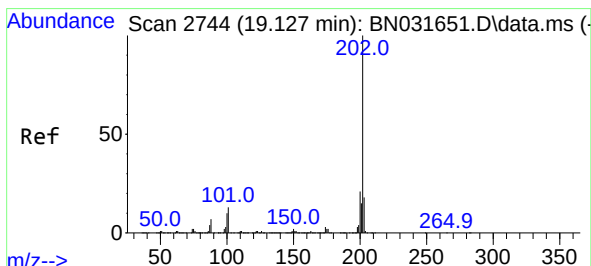
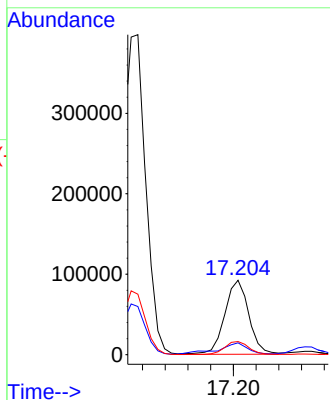
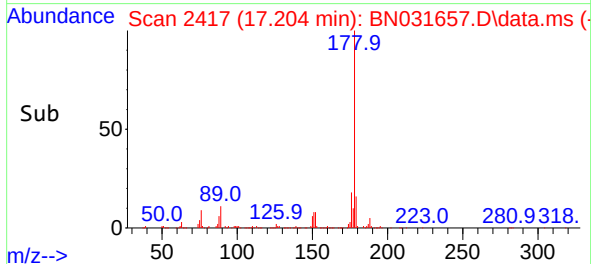
Instrument :
 BNA_N
 ClientSampleId :
 BH608



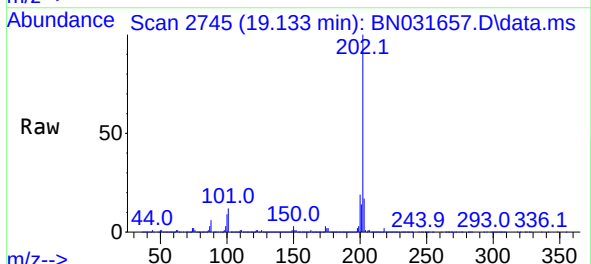
Tgt Ion:178 Resp: 135624
 Ion Ratio Lower Upper
 178 100
 179 15.9 11.9 17.9
 176 17.7 15.4 23.2

Manual Integrations
 APPROVED

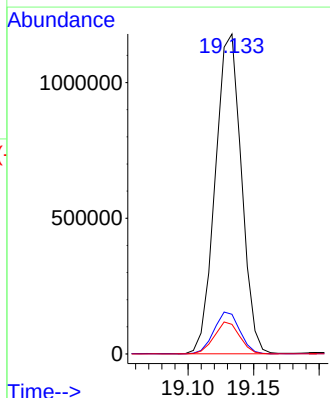
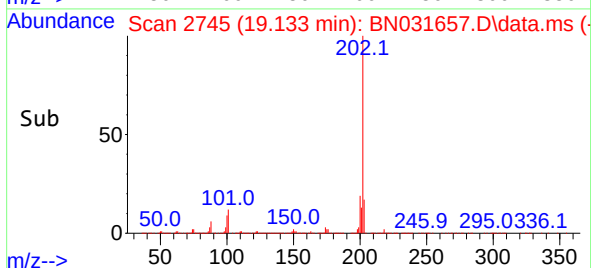
Reviewed By :Yogesh Patel 05/25/2024
 Supervised By :mohammad ahmed 05/27/2024

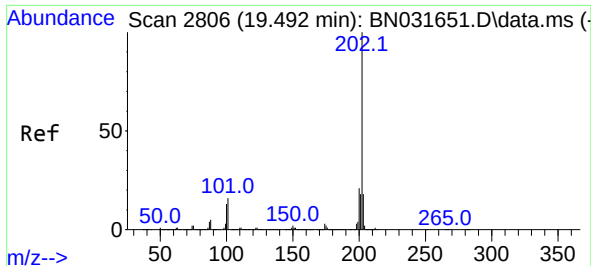


#80
 Fluoranthene
 Concen: 14.159 ng/ul
 RT: 19.133 min Scan# 2745
 Delta R.T. 0.000 min
 Lab File: BN031657.D
 Acq: 24 May 2024 12:21



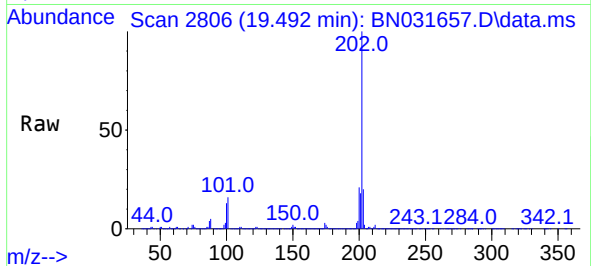
Tgt Ion:202 Resp: 1632645
 Ion Ratio Lower Upper
 202 100
 101 12.4 10.1 15.1
 100 9.3 8.0 12.0





#82
Pyrene
Concen: 13.111 ng/ul
RT: 19.492 min Scan# 21
Delta R.T. -0.006 min
Lab File: BN031657.D
Acq: 24 May 2024 12:21

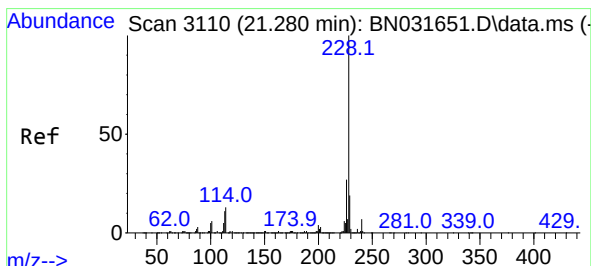
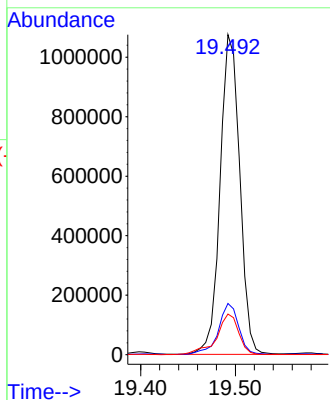
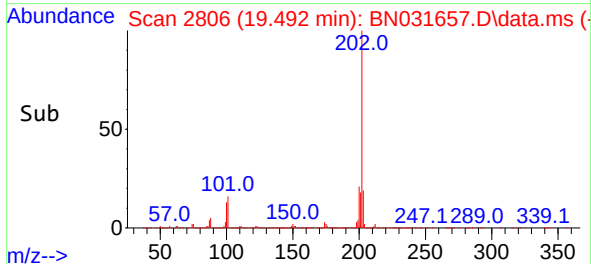
Instrument :
BNA_N
ClientSampleId :
BH608



Tgt Ion:202 Resp: 1550390
Ion Ratio Lower Upper
202 100
101 16.0 11.4 17.2
100 12.7 9.3 13.9

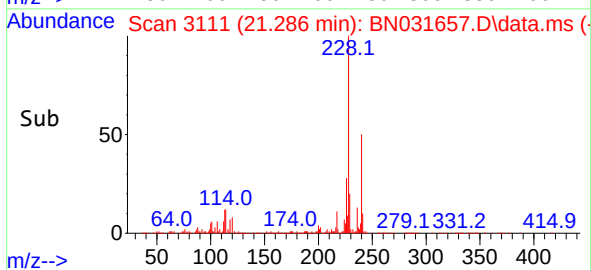
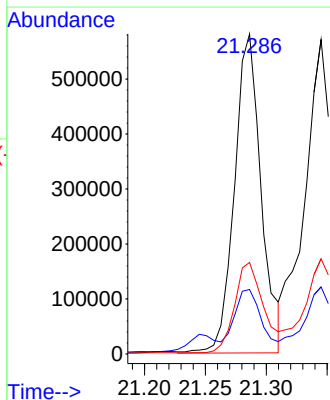
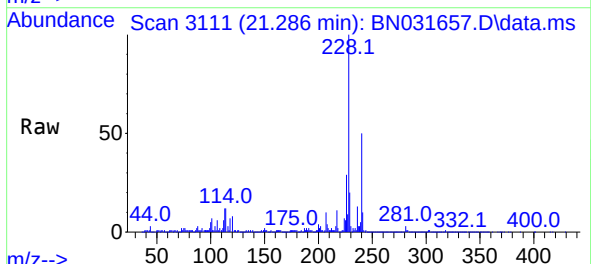
Manual Integrations
APPROVED

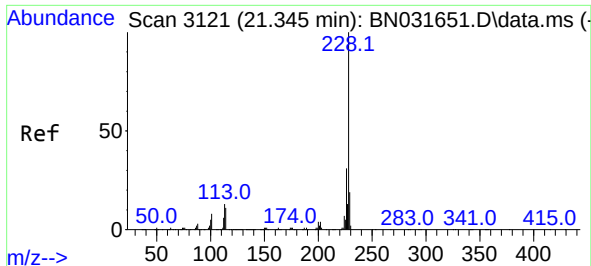
Reviewed By :Yogesh Patel 05/25/2024
Supervised By :mohammad ahmed 05/27/2024



#85
Benzo(a)anthracene
Concen: 8.847 ng/ul
RT: 21.286 min Scan# 3111
Delta R.T. 0.000 min
Lab File: BN031657.D
Acq: 24 May 2024 12:21

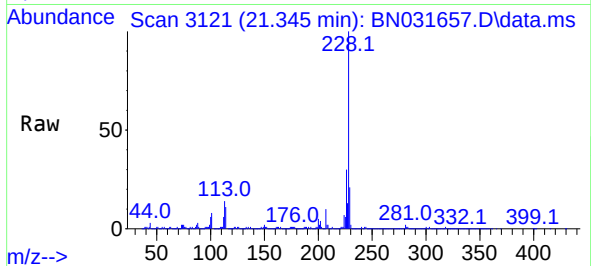
Tgt Ion:228 Resp: 884742
Ion Ratio Lower Upper
228 100
229 20.1 15.7 23.5
226 28.6 21.9 32.9





#87
Chrysene
Concen: 10.086 ng/u1
RT: 21.345 min Scan# 3121
Delta R.T. 0.000 min
Lab File: BN031657.D
Acq: 24 May 2024 12:21

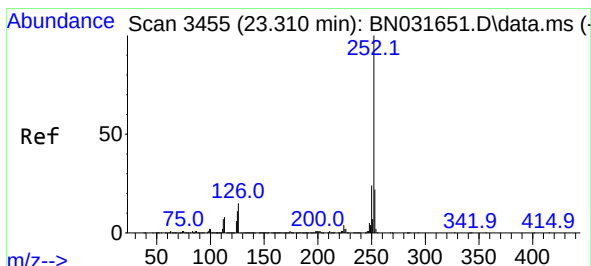
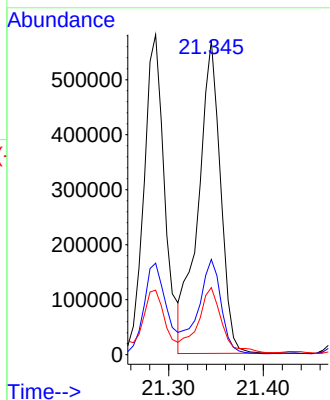
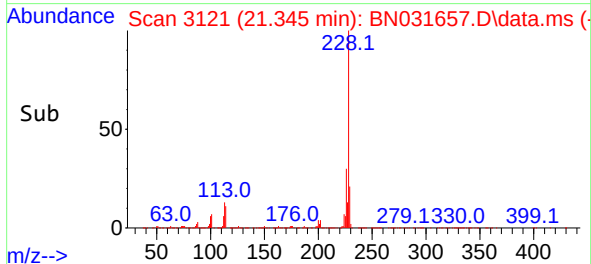
Instrument :
BNA_N
ClientSampleId :
BH608



Tgt Ion:228 Resp: 931735
Ion Ratio Lower Upper
228 100
226 30.3 22.9 34.3
229 21.3 15.2 22.8

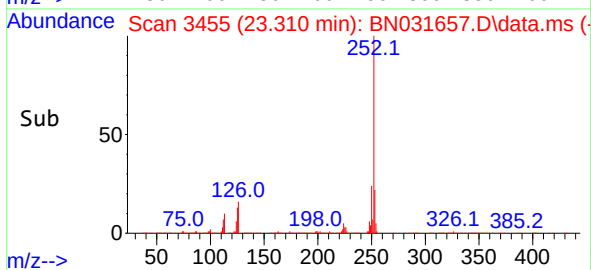
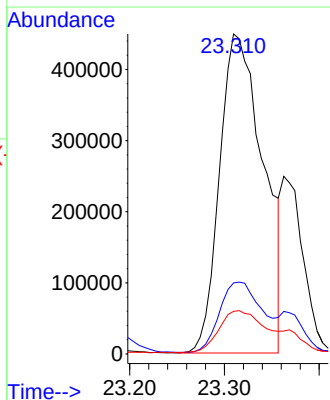
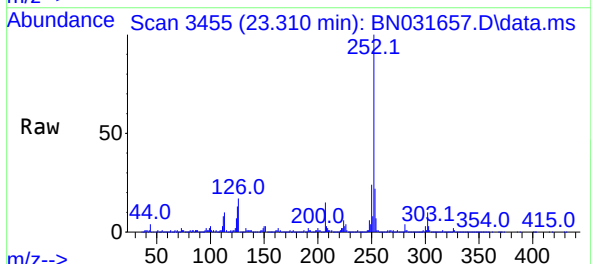
Manual Integrations
APPROVED

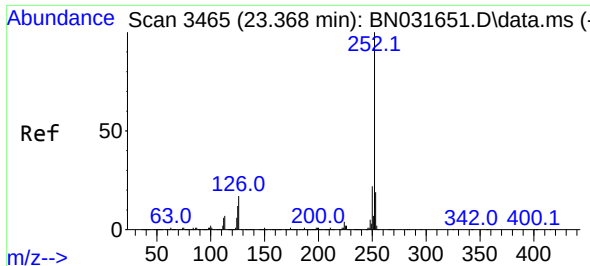
Reviewed By :Yogesh Patel 05/25/2024
Supervised By :mohammad ahmed 05/27/2024



#90
Benzo(b)fluoranthene
Concen: 13.264 ng/u1
RT: 23.310 min Scan# 3455
Delta R.T. 0.000 min
Lab File: BN031657.D
Acq: 24 May 2024 12:21

Tgt Ion:252 Resp: 1440699
Ion Ratio Lower Upper
252 100
253 22.2 16.8 25.2
125 13.3 9.3 13.9





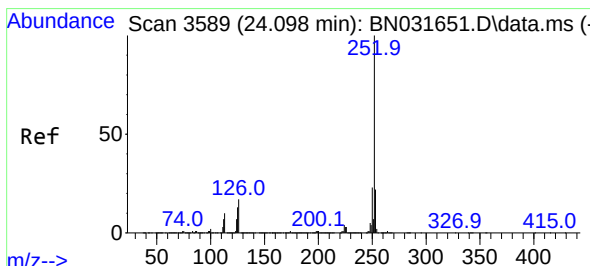
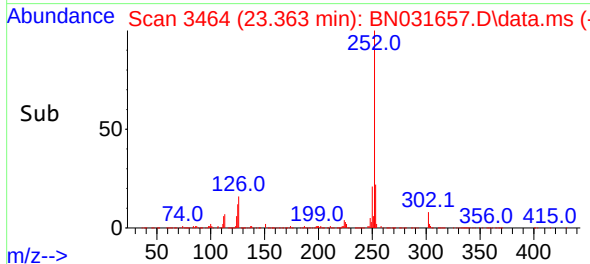
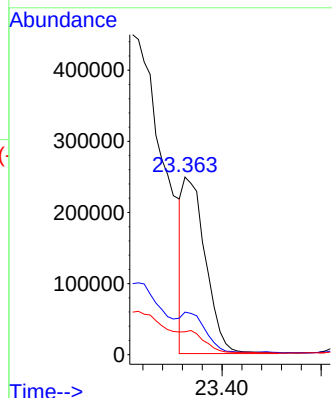
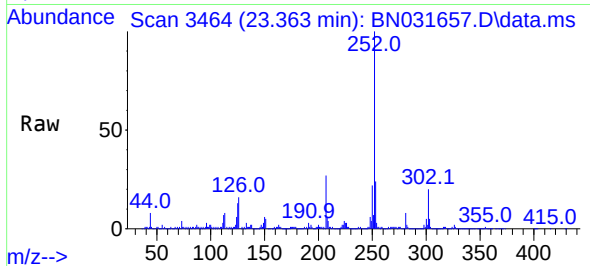
#91
Benzo(k)fluoranthene
Concen: 3.567 ng/ul m
RT: 23.363 min Scan# 3464
Delta R.T. -0.006 min
Lab File: BN031657.D
Acq: 24 May 2024 12:21

Instrument :
BNA_N
ClientSampleId :
BH608

Tgt Ion:252 Resp: 394945
Ion Ratio Lower Upper
252 100
253 24.0 17.4 26.0
125 12.9 9.3 13.9

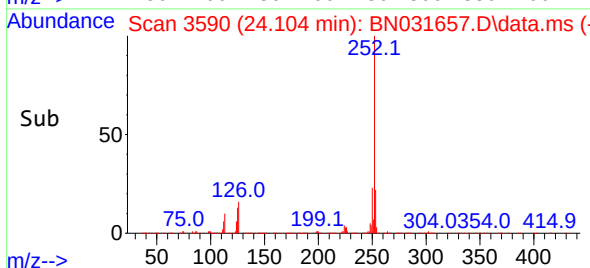
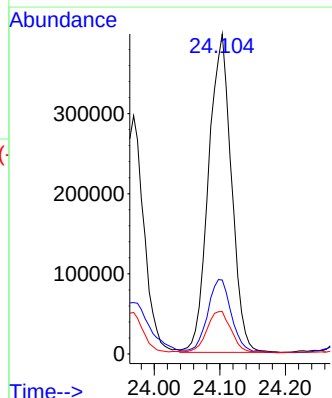
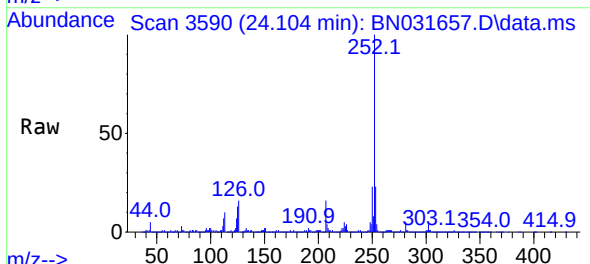
Manual Integrations
APPROVED

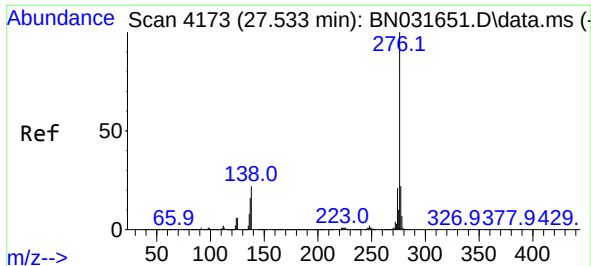
Reviewed By :Yogesh Patel 05/25/2024
Supervised By :mohammad ahmed 05/27/2024



#93
Benzo(a)pyrene
Concen: 9.218 ng/ul
RT: 24.104 min Scan# 3590
Delta R.T. 0.000 min
Lab File: BN031657.D
Acq: 24 May 2024 12:21

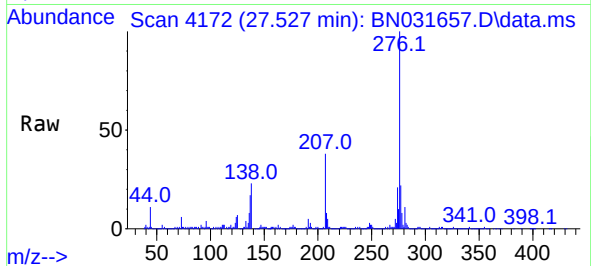
Tgt Ion:252 Resp: 961734
Ion Ratio Lower Upper
252 100
253 23.1 16.6 24.8
125 13.2 9.8 14.8





#94
Indeno(1,2,3-cd)pyrene
Concen: 5.742 ng/ul
RT: 27.527 min Scan# 4172
Delta R.T. -0.006 min
Lab File: BN031657.D
Acq: 24 May 2024 12:21

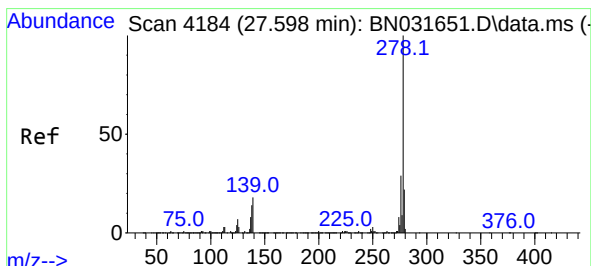
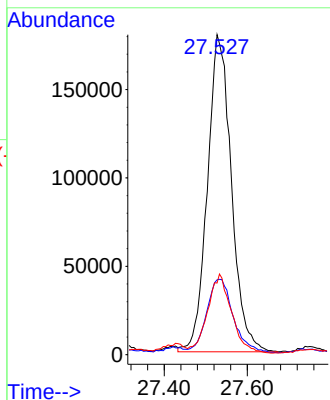
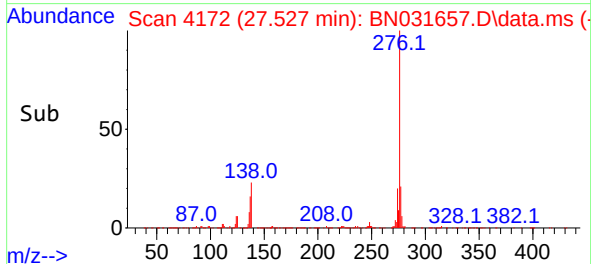
Instrument :
BNA_N
ClientSampleId :
BH608



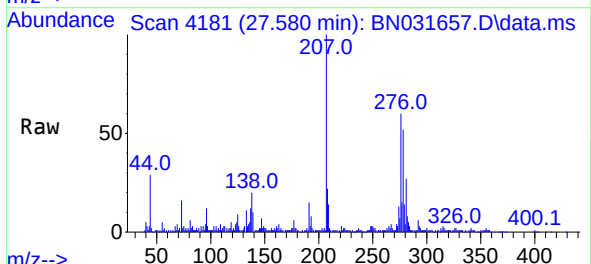
Tgt Ion:276 Resp: 719040
Ion Ratio Lower Upper
276 100
138 23.4 19.8 29.6
277 22.4 18.2 27.4

Manual Integrations
APPROVED

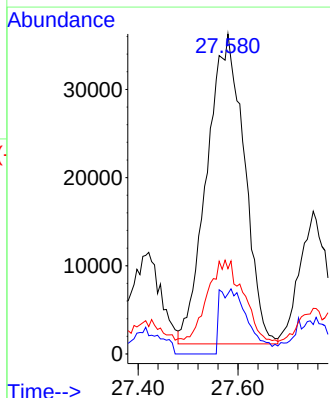
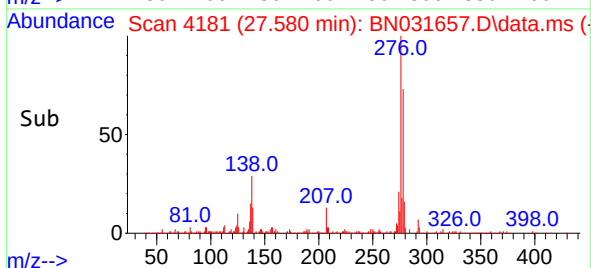
Reviewed By :Yogesh Patel 05/25/2024
Supervised By :mohammad ahmed 05/27/2024

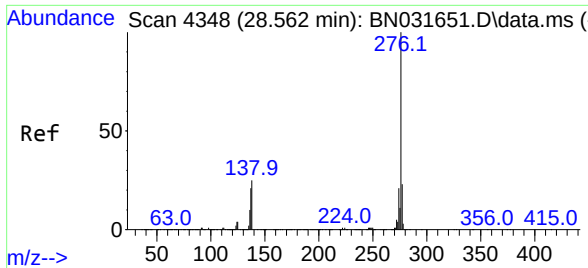


#95
Dibenzo(a,h)anthracene
Concen: 1.772 ng/ul m
RT: 27.580 min Scan# 4181
Delta R.T. -0.012 min
Lab File: BN031657.D
Acq: 24 May 2024 12:21



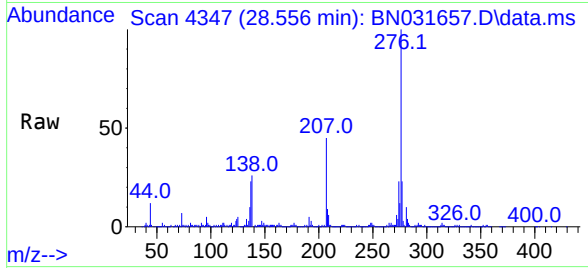
Tgt Ion:278 Resp: 182748
Ion Ratio Lower Upper
278 100
139 18.8 15.2 22.8
279 26.6 18.4 27.6





#96
 Benzo(g,h,i)perylene
 Concen: 6.664 ng/ul
 RT: 28.556 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: BN031657.D
 Acq: 24 May 2024 12:21

Instrument :
 BNA_N
 ClientSampleId :
 BH608



Tgt Ion:276 Resp: 689400
 Ion Ratio Lower Upper
 276 100
 138 25.8 19.5 29.3
 277 23.3 17.6 26.4

Manual Integrations
 APPROVED

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

