

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052424\
 Data File : BN031663.D
 Acq On : 24 May 2024 16:19
 Operator : MA/JU
 Sample : P2548-16
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BH611

Manual Integrations
 APPROVED

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

Quant Time: May 25 04:42:04 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	7.693	152	412687	20.000	ng/u1	0.00
20) Naphthalene-d8	10.475	136	1591548	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.328	164	880971	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.069	188	1740244	20.000	ng/u1	0.00
79) Chrysene-d12	21.304	240	1659542	20.000	ng/u1	0.00
88) Perylene-d12	24.239	264	1983205	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.205	96	32436	3.115	ng/uL	0.00
4) Pyridine-d5	3.605	84	446701	15.374	ng/u1	0.00
7) Phenol-d5	6.858	99	593068	17.458	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.028	67	351343	17.244	ng/u1	0.00
11) 2-Chlorophenol-d4	7.222	132	474158	18.113	ng/u1	0.00
15) 4-Methylphenol-d8	8.387	113	449057	17.075	ng/u1	0.00
21) Nitrobenzene-d5	8.840	128	223759	18.577	ng/u1	0.00
24) 2-Nitrophenol-d4	9.557	143	211779	18.412	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.087	165	408766	18.176	ng/u1	0.00
31) 4-Chloroaniline-d4	10.610	131	614399	18.952	ng/u1	0.00
46) Dimethylphthalate-d6	13.740	166	1188654	21.410	ng/u1	0.00
49) Acenaphthylene-d8	14.016	160	1454853	20.908	ng/u1	0.00
54) 4-Nitrophenol-d4	14.522	143	157772	15.019	ng/u1	0.00
60) Fluorene-d10	15.322	176	1043674	21.692	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.439	200	78311	10.408	ng/u1	0.00
73) Anthracene-d10	17.169	188	1574215	21.369	ng/u1	0.00
81) Pyrene-d10	19.469	212	1949377	18.727	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.039	264	2092330	22.413	ng/u1	0.00
Target Compounds						
					Qvalue	
72) Phenanthrene	17.110	178	235467	2.666	ng/u1	100
80) Fluoranthene	19.127	202	617679	4.801	ng/u1	100
82) Pyrene	19.492	202	604481	4.581	ng/u1	97
85) Benzo(a)anthracene	21.286	228	349563	3.132	ng/u1	94
87) Chrysene	21.345	228	360675	3.499	ng/u1	94
90) Benzo(b)fluoranthene	23.310	252	478616	4.136	ng/u1	97
91) Benzo(k)fluoranthene	23.363	252	207435m	1.758	ng/u1	
93) Benzo(a)pyrene	24.098	252	364018	3.274	ng/u1	98
94) Indeno(1,2,3-cd)pyrene	27.533	276	248393	1.862	ng/u1	95
96) Benzo(g,h,i)perylene	28.556	276	238169	2.161	ng/u1	96

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

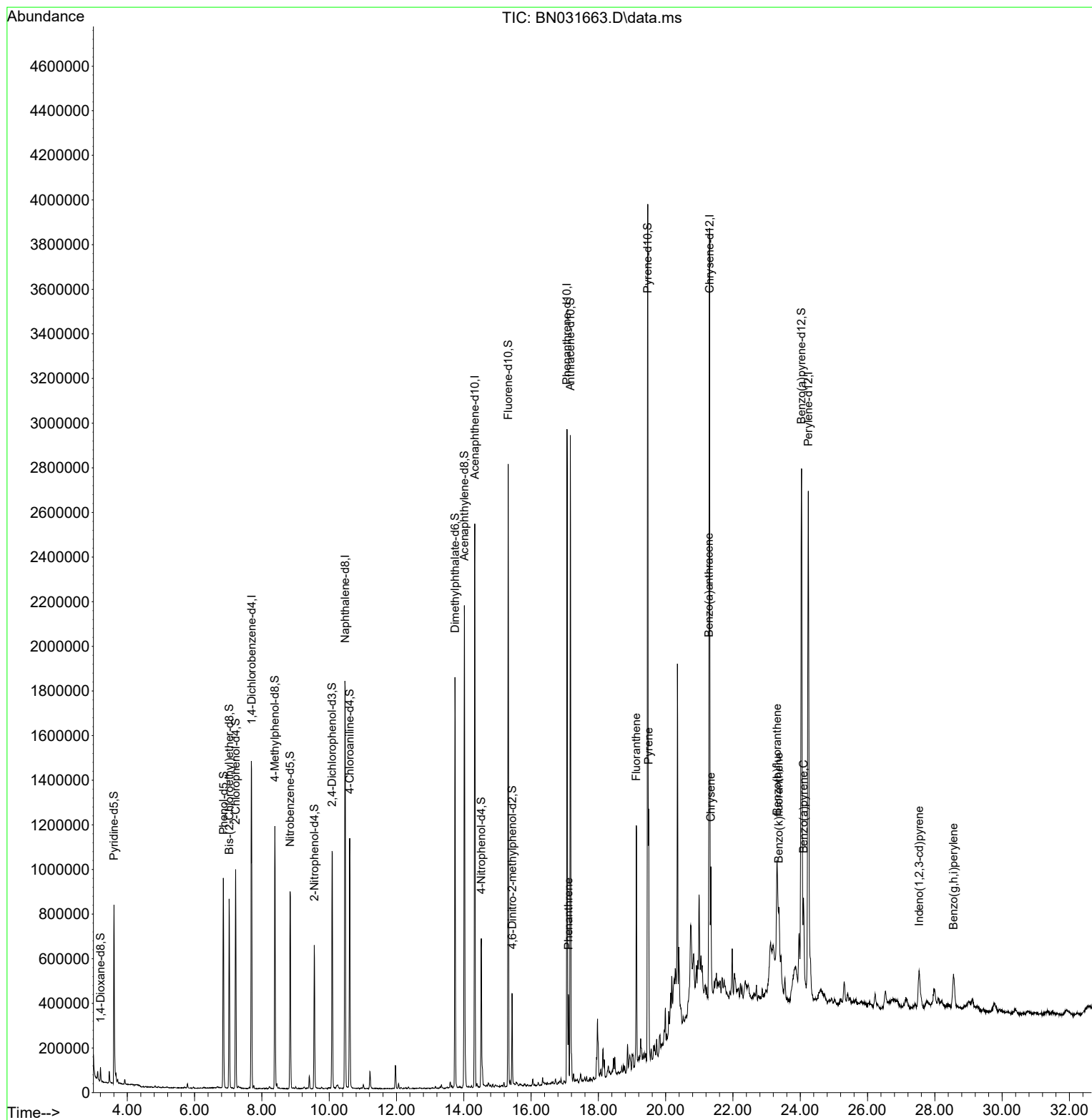
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052424\
Data File : BN031663.D
Acq On : 24 May 2024 16:19
Operator : MA/JU
Sample : P2548-16
Misc :
ALS Vial : 14 Sample Multiplier: 1

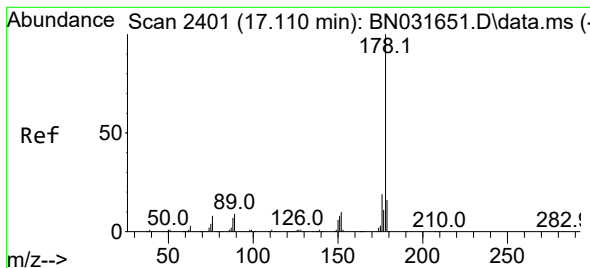
Instrument :
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Quant Time: May 25 04:42:04 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 21 23:42:49 2024
Response via : Initial Calibration





#72

Phenanthrene

Concen: 2.666 ng/ul

RT: 17.110 min Scan# 2401

Delta R.T. -0.006 min

Lab File: BN031663.D

Acq: 24 May 2024 16:19

Instrument :

BNA_N

ClientSampleId :

BH611

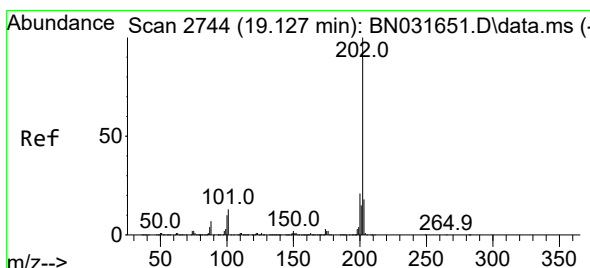
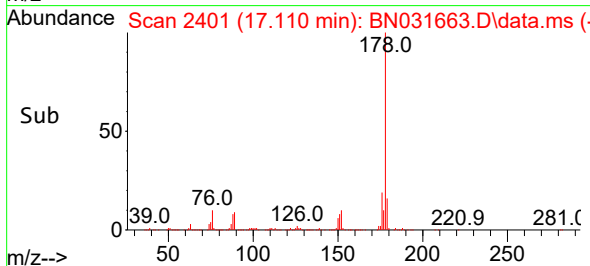
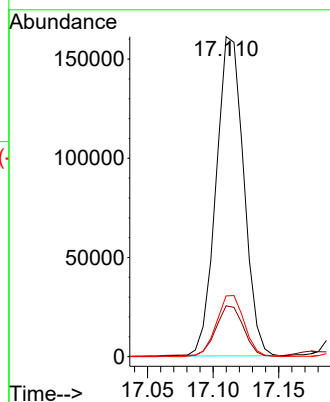
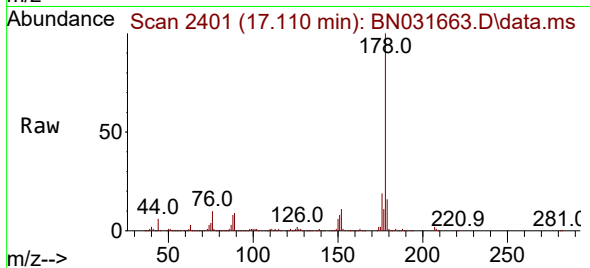
Tgt Ion:178	Resp: 23546
Ion Ratio	Lower Upper
178 100	
179 15.9	12.6 18.8
176 19.0	15.2 22.8

Manual Integrations

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#80

Fluoranthene

Concen: 4.801 ng/ul

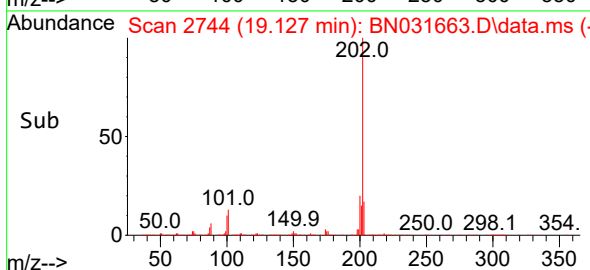
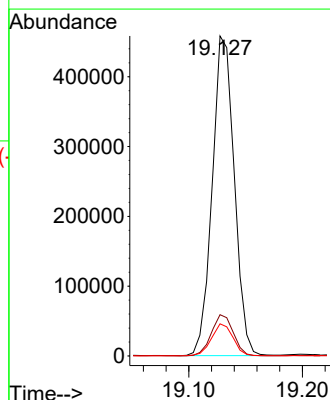
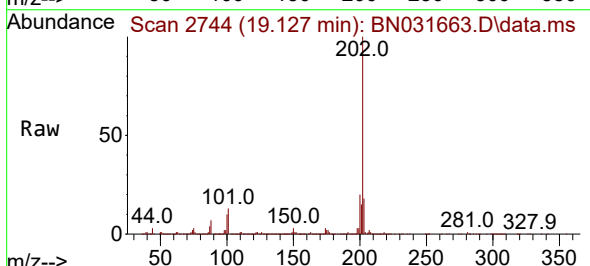
RT: 19.127 min Scan# 2744

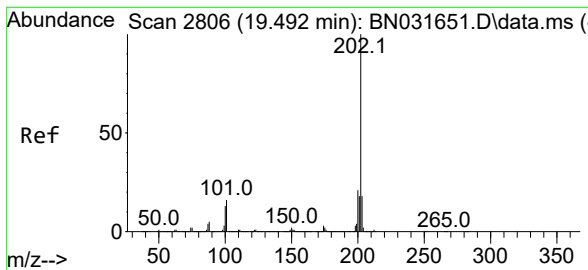
Delta R.T. -0.006 min

Lab File: BN031663.D

Acq: 24 May 2024 16:19

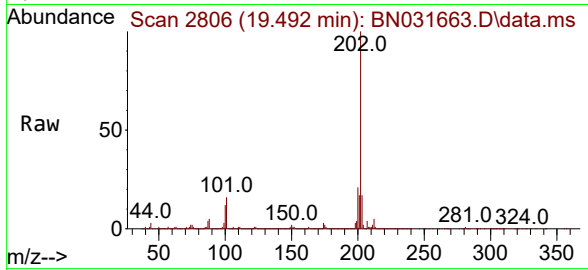
Tgt Ion:202	Resp: 617679
Ion Ratio	Lower Upper
202 100	
101 12.9	10.1 15.1
100 10.1	8.0 12.0





#82
 Pyrene
 Concen: 4.581 ng/ul
 RT: 19.492 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BN031663.D
 Acq: 24 May 2024 16:19

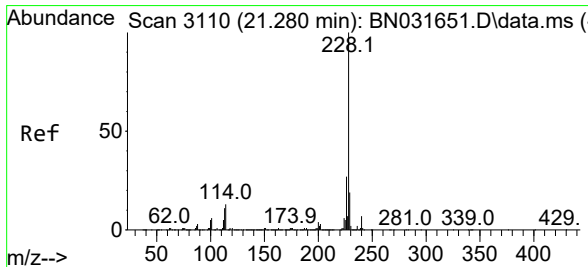
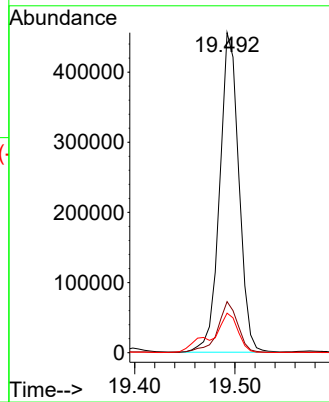
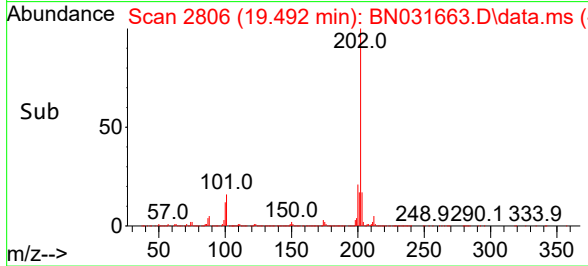
Instrument :
 BNA_N
 ClientSampleId :
 BH611



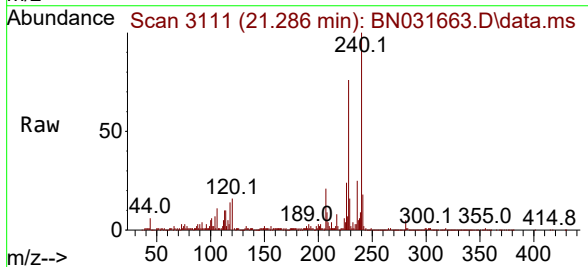
Tgt Ion:202 Resp: 60448
 Ion Ratio Lower Upper
 202 100
 101 16.0 11.4 17.2
 100 12.3 9.3 13.9

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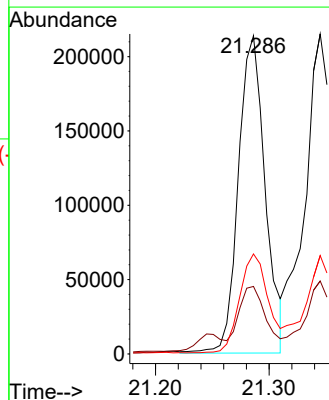
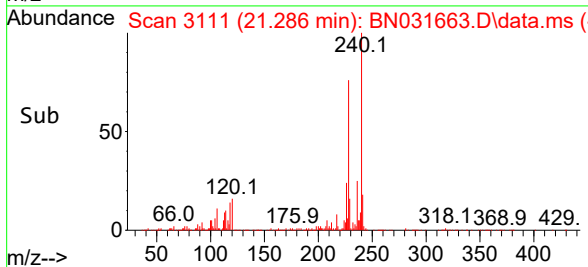
Reviewed By :Yogesh Patel 05/25/2024
 Supervised By :mohammad ahmed 05/27/2024

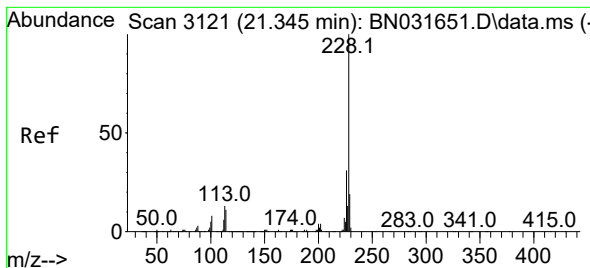


#85
 Benzo(a)anthracene
 Concen: 3.132 ng/ul
 RT: 21.286 min Scan# 3111
 Delta R.T. 0.000 min
 Lab File: BN031663.D
 Acq: 24 May 2024 16:19



Tgt Ion:228 Resp: 349563
 Ion Ratio Lower Upper
 228 100
 229 21.2 15.7 23.5
 226 31.4 21.9 32.9





#87

Chrysene

Concen: 3.499 ng/ul

RT: 21.345 min Scan# 3121

Delta R.T. 0.000 min

Lab File: BN031663.D

Acq: 24 May 2024 16:19

Instrument :

BNA_N

ClientSampleId :

BH611

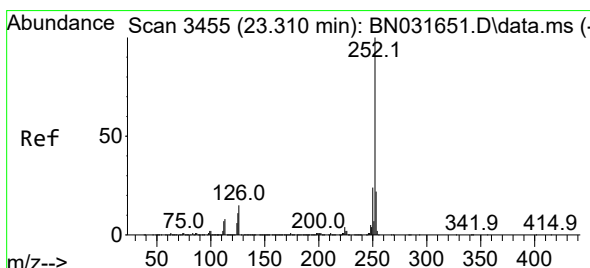
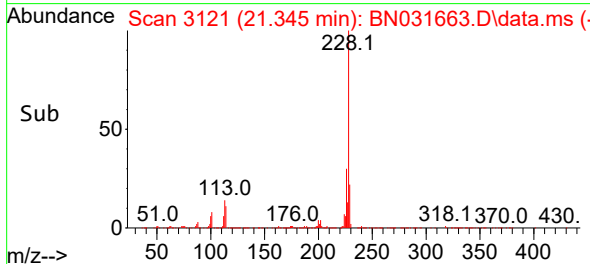
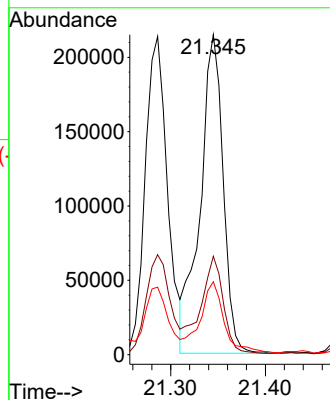
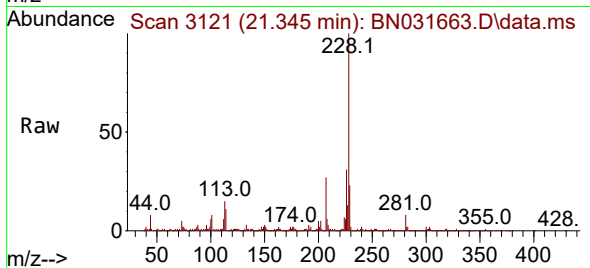
Tgt Ion:228 Resp: 360679
 Ion Ratio Lower Upper
 228 100
 226 30.8 22.9 34.3
 229 22.8 15.2 22.8

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Supervised By :mohammad ahmed 05/27/2024



#90

Benzo(b)fluoranthene

Concen: 4.136 ng/ul

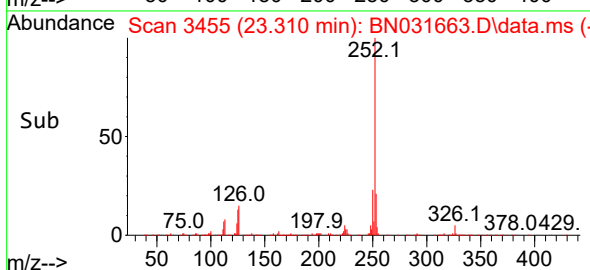
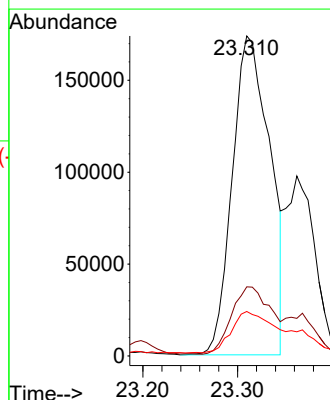
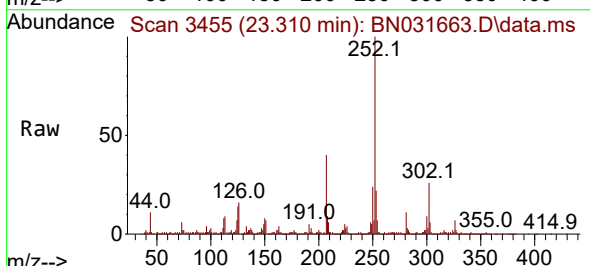
RT: 23.310 min Scan# 3455

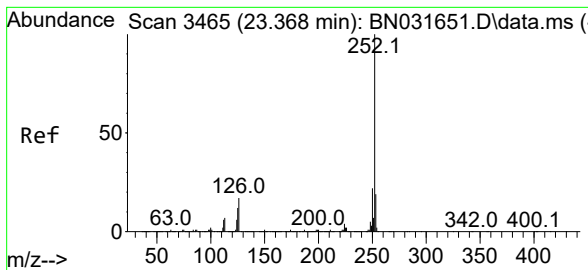
Delta R.T. 0.000 min

Lab File: BN031663.D

Acq: 24 May 2024 16:19

Tgt Ion:252 Resp: 478616
 Ion Ratio Lower Upper
 252 100
 253 21.6 16.8 25.2
 125 13.9 9.3 13.9





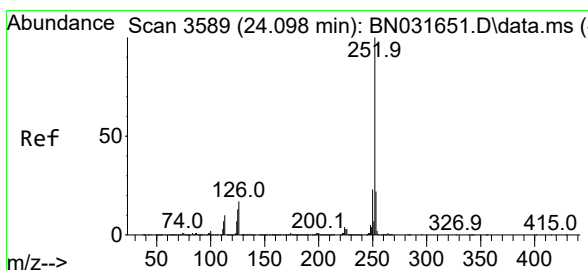
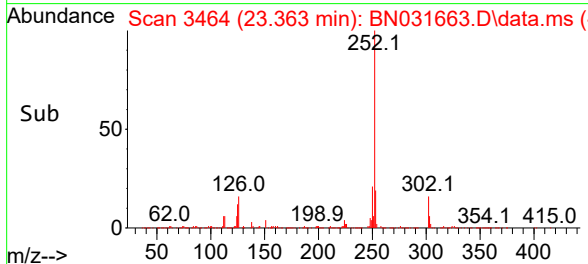
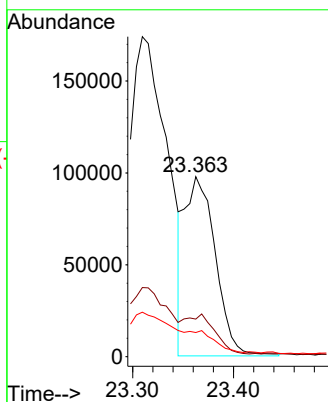
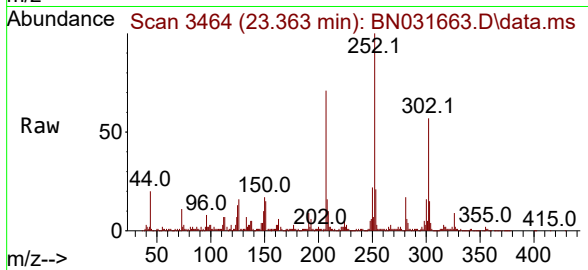
#91
Benzo(k)fluoranthene
Concen: 1.758 ng/ul m
RT: 23.363 min Scan# 3464
Delta R.T. -0.006 min
Lab File: BN031663.D
Acq: 24 May 2024 16:19

Instrument : BNA_N
ClientSampleId : BH611

Tgt Ion:252 Resp: 207435
Ion Ratio Lower Upper
252 100
253 20.9 17.4 26.0
125 13.5 9.3 13.9

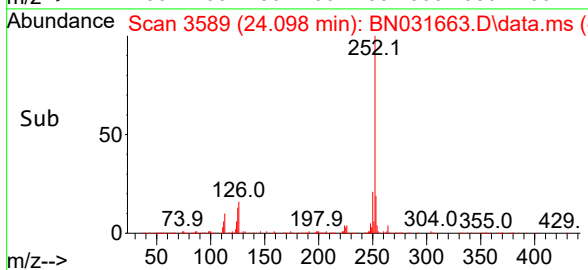
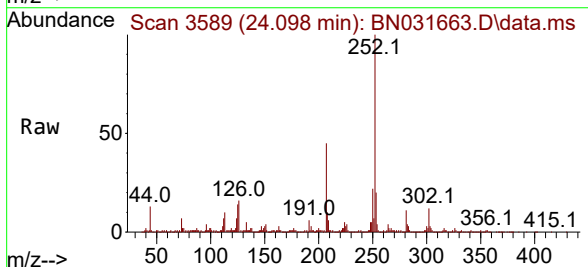
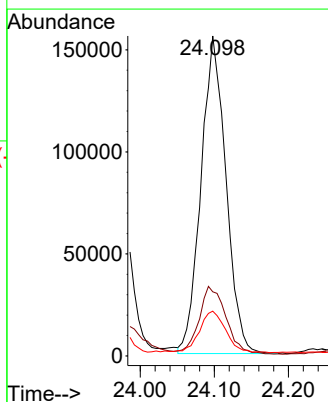
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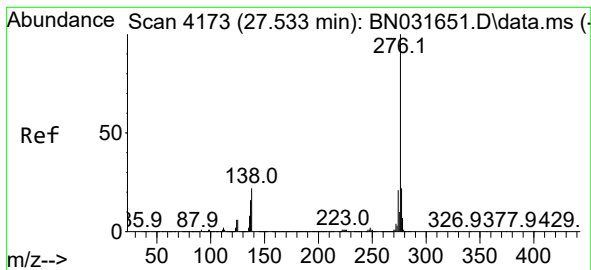
Reviewed By :Yogesh Patel 05/25/2024
Supervised By :mohammad ahmed 05/27/2024



#93
Benzo(a)pyrene
Concen: 3.274 ng/ul
RT: 24.098 min Scan# 3589
Delta R.T. -0.006 min
Lab File: BN031663.D
Acq: 24 May 2024 16:19

Tgt Ion:252 Resp: 364018
Ion Ratio Lower Upper
252 100
253 20.1 16.6 24.8
125 14.0 9.8 14.8





#94

Indeno(1,2,3-cd)pyrene

Concen: 1.862 ng/ul

RT: 27.533 min Scan# 4173

Delta R.T. 0.000 min

Lab File: BN031663.D

Acq: 24 May 2024 16:19

Instrument :

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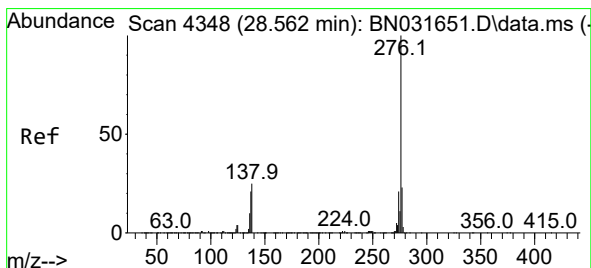
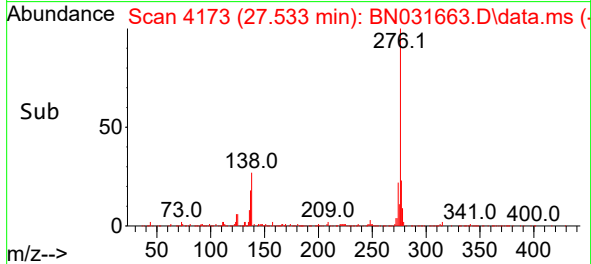
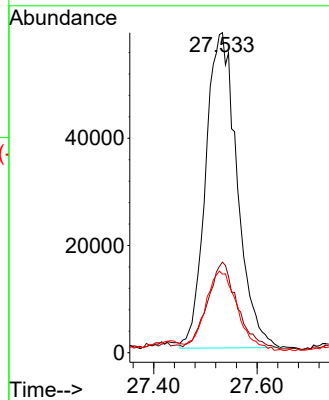
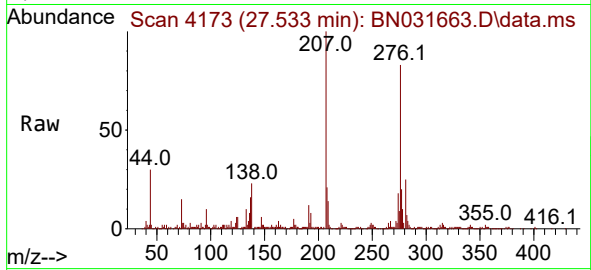
Tgt Ion:	276	Resp:	24839
Ion Ratio	Lower	Upper	
276	100		
138	28.3	19.8	29.6
277	24.6	18.2	27.4

Manual Integrations

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Supervised By :mohammad ahmed 05/27/2024



#96

Benzo(g,h,i)perylene

Concen: 2.161 ng/ul

RT: 28.556 min Scan# 4347

Delta R.T. 0.000 min

Lab File: BN031663.D

Acq: 24 May 2024 16:19

Tgt Ion:	276	Resp:	238169
Ion Ratio	Lower	Upper	
276	100		
138	24.4	19.5	29.3
277	26.0	17.6	26.4

