

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052324\
 Data File : BN031643.D
 Acq On : 23 May 2024 22:11
 Operator : MA/JU
 Sample : P2547-14
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BH5X1

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/24/2024
 Supervised By :mohammad ahmed 05/25/2024

Quant Time: May 23 23:53:00 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	496080	20.000	ng/u1	0.00
20) Naphthalene-d8	10.475	136	1983920	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.328	164	1025421	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.075	188	1644008	20.000	ng/u1	0.00
79) Chrysene-d12	21.304	240	1370633	20.000	ng/u1	0.00
88) Perylene-d12	24.233	264	1688227	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.205	96	46947	3.751	ng/uL	0.00
4) Pyridine-d5	3.605	84	668875	19.151	ng/u1	0.00
7) Phenol-d5	6.852	99	893379	21.877	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.028	67	523601	21.378	ng/u1	0.00
11) 2-Chlorophenol-d4	7.222	132	703662	22.362	ng/u1	0.00
15) 4-Methylphenol-d8	8.387	113	663014	20.973	ng/u1	0.00
21) Nitrobenzene-d5	8.846	128	322565	21.483	ng/u1	0.00
24) 2-Nitrophenol-d4	9.557	143	314105	21.907	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.093	165	582935	20.794	ng/u1	0.00
31) 4-Chloroaniline-d4	10.610	131	887229	21.955	ng/u1	0.00
46) Dimethylphthalate-d6	13.745	166	1564696	24.213	ng/u1	0.00
49) Acenaphthylene-d8	14.022	160	1890814	23.345	ng/u1	0.00
54) 4-Nitrophenol-d4	14.522	143	200065	16.362	ng/u1	0.00
60) Fluorene-d10	15.322	176	1271223	22.699	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.439	200	97927	13.777	ng/u1	0.00
73) Anthracene-d10	17.169	188	1654811	23.778	ng/u1	0.00
81) Pyrene-d10	19.463	212	1778637	20.688	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.033	264	1959710	24.661	ng/u1	0.00
Target Compounds					Qvalue	
72) Phenanthrene	17.116	178	516009	6.185	ng/u1	99
74) Anthracene	17.204	178	92999	1.111	ng/u1	98
80) Fluoranthene	19.133	202	594504	5.594	ng/u1	100
82) Pyrene	19.492	202	505457	4.638	ng/u1	96
85) Benzo(a)anthracene	21.280	228	253931	2.755	ng/u1	99
87) Chrysene	21.345	228	239406	2.812	ng/u1	96
90) Benzo(b)fluoranthene	23.316	252	314426	3.192	ng/u1	96
93) Benzo(a)pyrene	24.098	252	227888	2.408	ng/u1	95
94) Indeno(1,2,3-cd)pyrene	27.527	276	150362	1.324	ng/u1	93
96) Benzo(g,h,i)perylene	28.562	276	147917m	1.576	ng/u1	

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

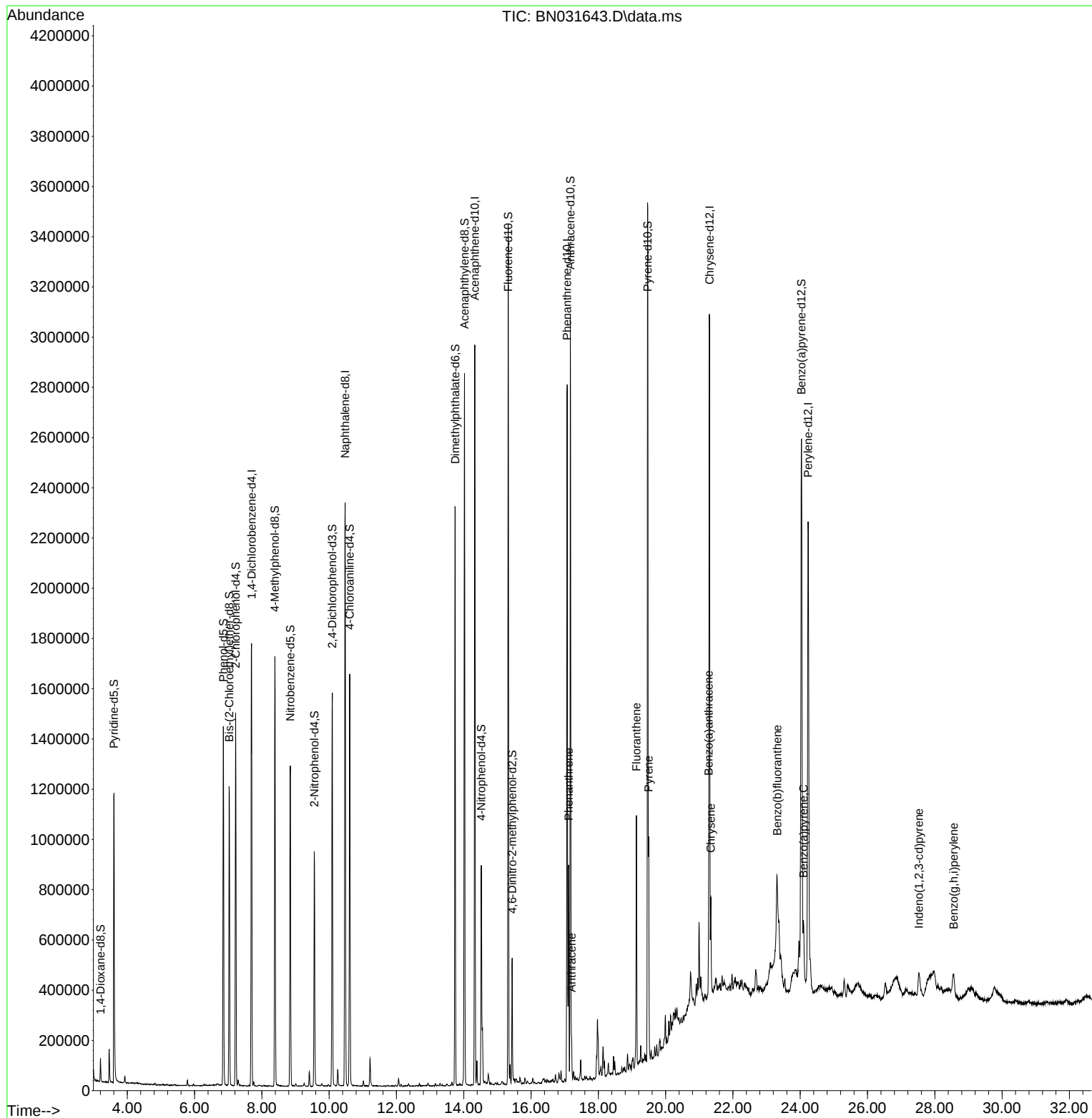
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052324\
Data File : BN031643.D
Acq On : 23 May 2024 22:11
Operator : MA/JU
Sample : P2547-14
Misc :
ALS Vial : 20 Sample Multiplier: 1

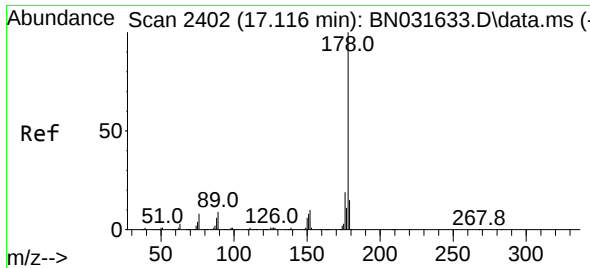
Instrument :
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ClientSampleId :
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Supervised By :mohammad ahmed 05/25/2024

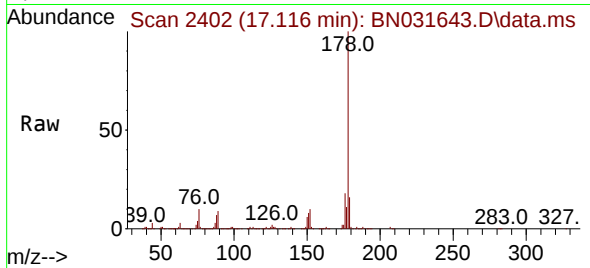
Quant Time: May 23 23:53:00 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 21 23:42:49 2024
Response via : Initial Calibration





#72
Phenanthrene
Concen: 6.185 ng/ul
RT: 17.116 min Scan# 2402
Delta R.T. 0.000 min
Lab File: BN031643.D
Acq: 23 May 2024 22:11

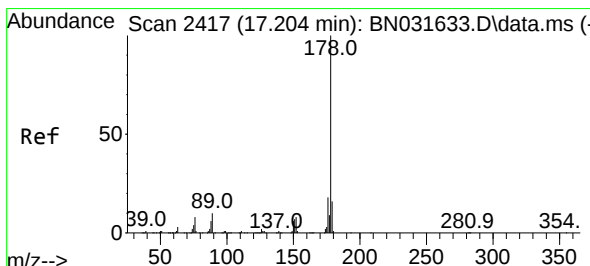
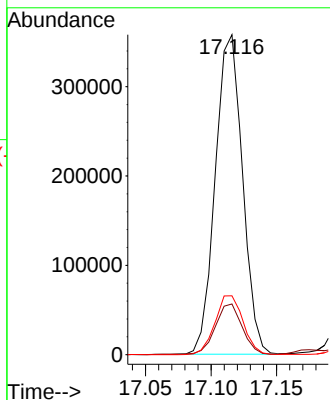
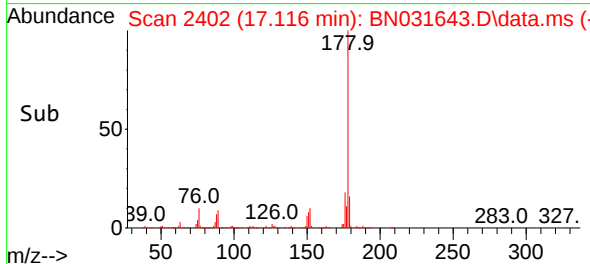
Instrument :
BNA_N
ClientSampleId :
BH5X1



Tgt Ion:178 Resp: 516009
Ion Ratio Lower Upper
178 100
179 15.9 12.6 18.8
176 18.4 15.2 22.8

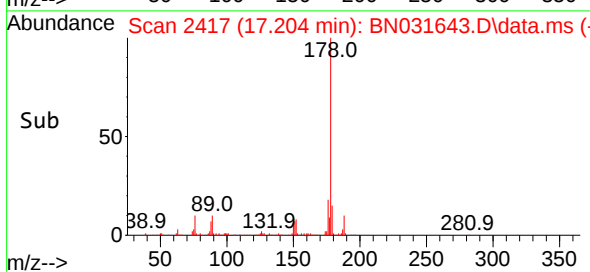
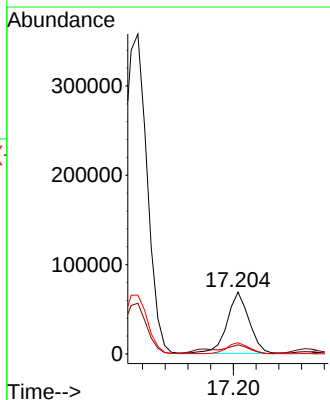
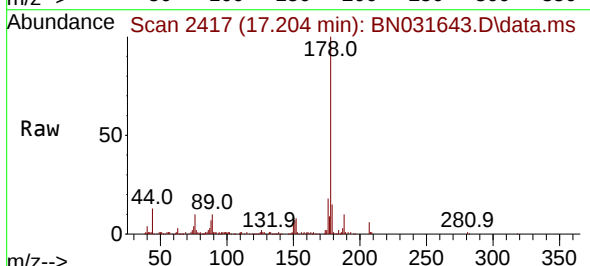
Manual Integrations
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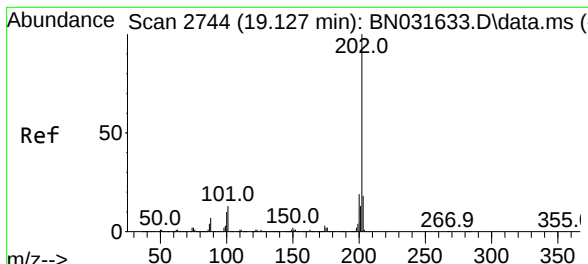
Reviewed By :Yogesh Patel 05/24/2024
Supervised By :mohammad ahmed 05/25/2024



#74
Anthracene
Concen: 1.111 ng/ul
RT: 17.204 min Scan# 2417
Delta R.T. 0.000 min
Lab File: BN031643.D
Acq: 23 May 2024 22:11

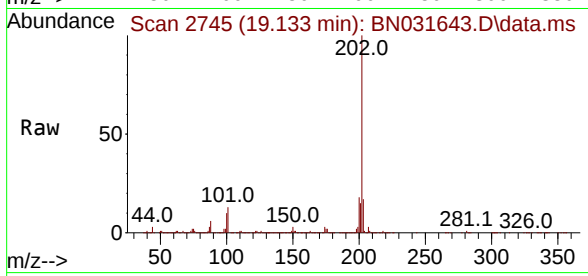
Tgt Ion:178 Resp: 92999
Ion Ratio Lower Upper
178 100
179 14.9 11.9 17.9
176 18.0 15.4 23.2





#80
 Fluoranthene
 Concen: 5.594 ng/u1
 RT: 19.133 min Scan# 2745
 Delta R.T. 0.000 min
 Lab File: BN031643.D
 Acq: 23 May 2024 22:11

Instrument :
 BNA_N
 ClientSampleId :
 BH5X1

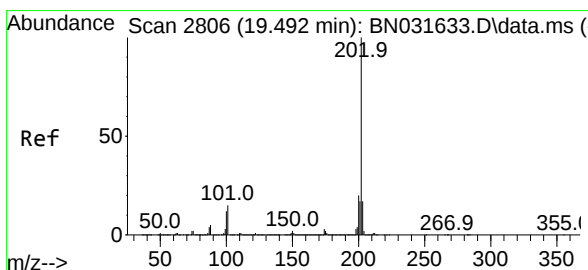
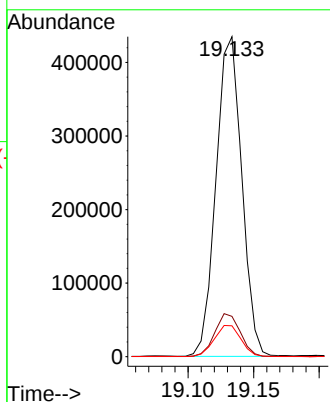
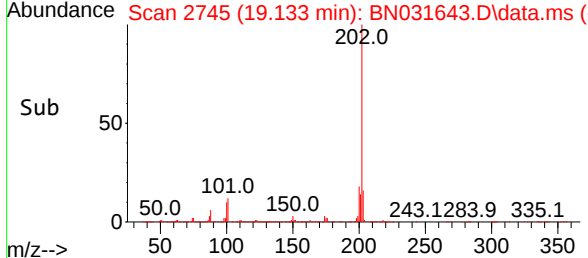


Tgt Ion: 202 Resp: 594504

Ion	Ratio	Lower	Upper
202	100		
101	12.6	10.1	15.1
100	9.7	8.0	12.0

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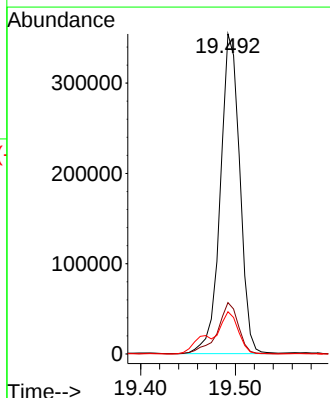
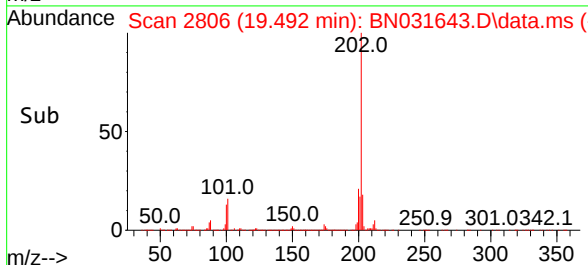
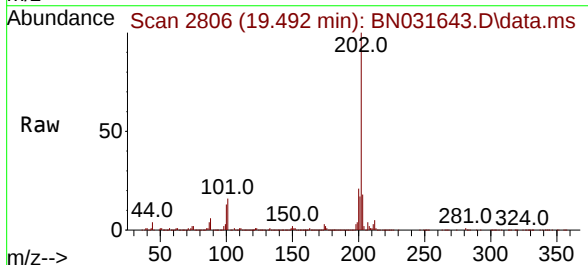
Reviewed By :Yogesh Patel 05/24/2024
 Supervised By :mohammad ahmed 05/25/2024

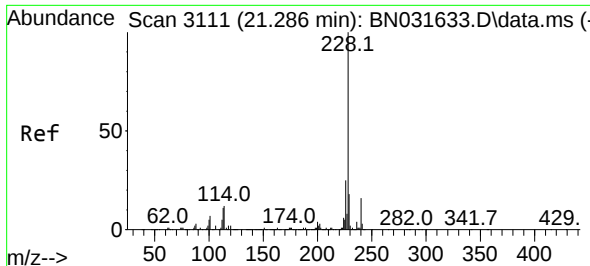


#82
 Pyrene
 Concen: 4.638 ng/u1
 RT: 19.492 min Scan# 2806
 Delta R.T. -0.006 min
 Lab File: BN031643.D
 Acq: 23 May 2024 22:11

Tgt Ion: 202 Resp: 505457

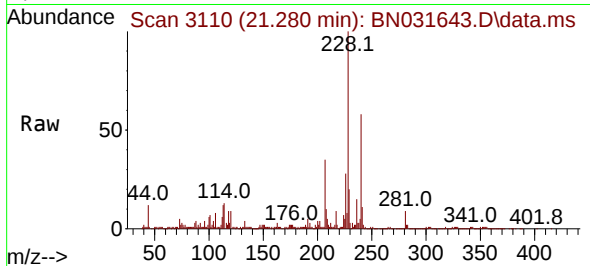
Ion	Ratio	Lower	Upper
202	100		
101	16.1	11.4	17.2
100	13.2	9.3	13.9





#85
Benzo(a)anthracene
Concen: 2.755 ng/u1
RT: 21.280 min Scan# 3110
Delta R.T. -0.006 min
Lab File: BN031643.D
Acq: 23 May 2024 22:11

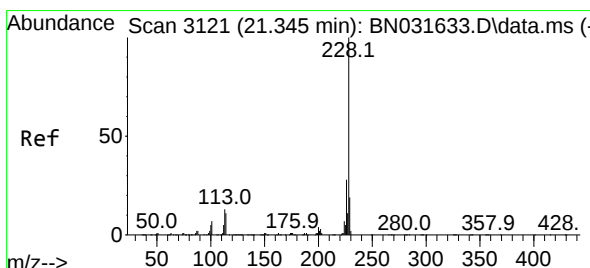
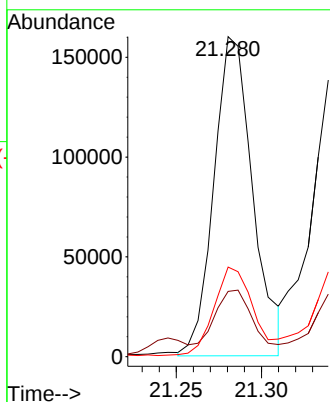
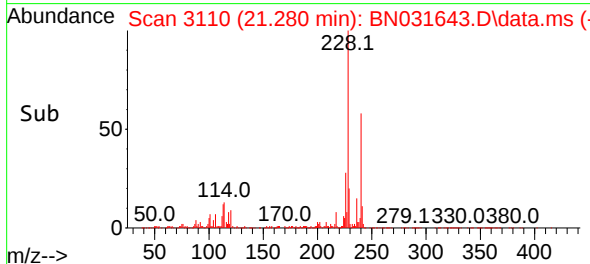
Instrument :
BNA_N
ClientSampleId :
BH5X1



Tgt Ion:228 Resp: 25393
Ion Ratio Lower Upper
228 100
229 20.4 15.7 23.5
226 28.0 21.9 32.9

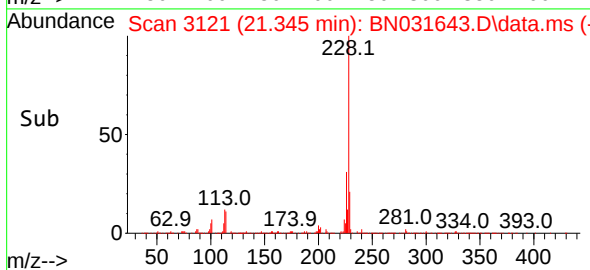
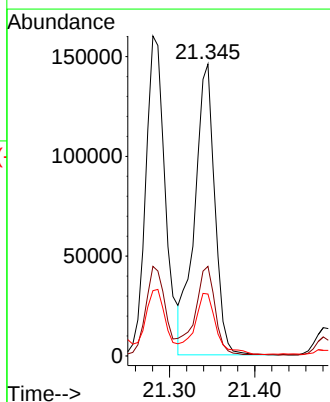
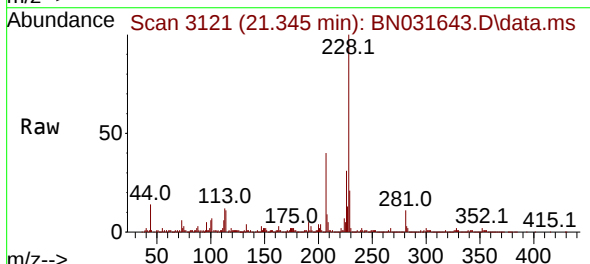
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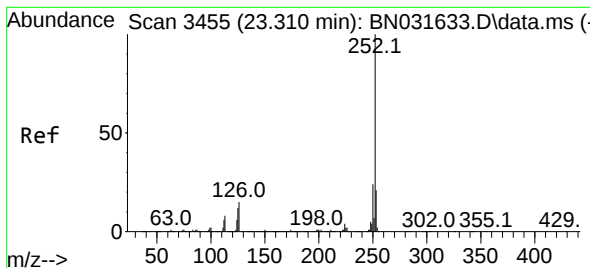
Reviewed By :Yogesh Patel 05/24/2024
Supervised By :mohammad ahmed 05/25/2024



#87
Chrysene
Concen: 2.812 ng/u1
RT: 21.345 min Scan# 3121
Delta R.T. 0.000 min
Lab File: BN031643.D
Acq: 23 May 2024 22:11

Tgt Ion:228 Resp: 239406
Ion Ratio Lower Upper
228 100
226 30.7 22.9 34.3
229 21.2 15.2 22.8





#90

Benzo(b)fluoranthene

Concen: 3.192 ng/ul

RT: 23.316 min Scan# 3455

Delta R.T. 0.006 min

Lab File: BN031643.D

Acq: 23 May 2024 22:11

Instrument :

BNA_N

ClientSampleId :

BH5X1

Tgt Ion:252 Resp: 314420

Ion Ratio Lower Upper

252 100

253 22.3 16.8 25.2

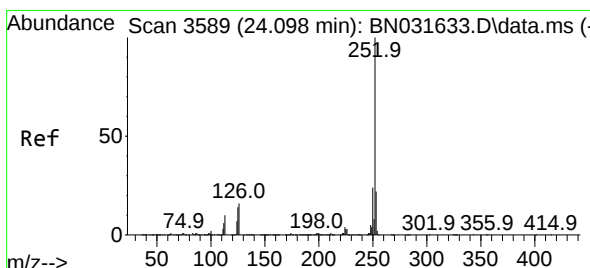
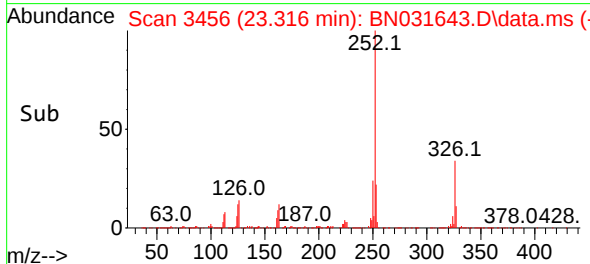
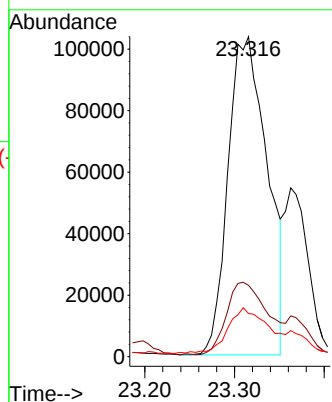
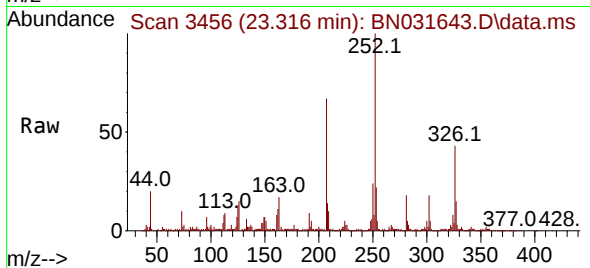
125 13.5 9.3 13.9

Manual Integrations

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Supervised By :mohammad ahmed 05/25/2024



#93

Benzo(a)pyrene

Concen: 2.408 ng/ul

RT: 24.098 min Scan# 3589

Delta R.T. -0.006 min

Lab File: BN031643.D

Acq: 23 May 2024 22:11

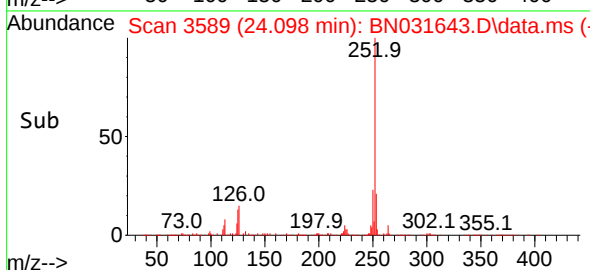
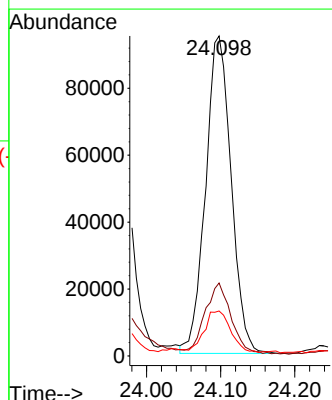
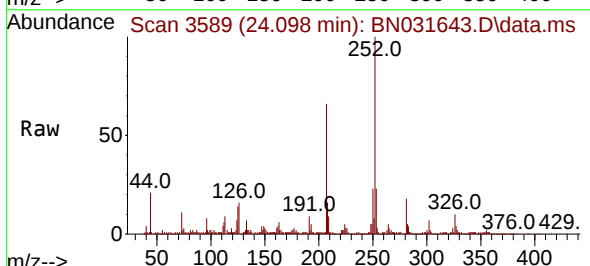
Tgt Ion:252 Resp: 227888

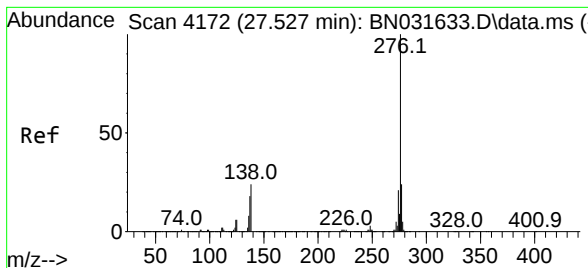
Ion Ratio Lower Upper

252 100

253 22.8 16.6 24.8

125 14.1 9.8 14.8





#94

Indeno(1,2,3-cd)pyrene

Concen: 1.324 ng/ul

RT: 27.527 min Scan# 4172

Delta R.T. -0.006 min

Lab File: BN031643.D

Acq: 23 May 2024 22:11

Instrument :

BNA_N

ClientSampleId :

BH5X1

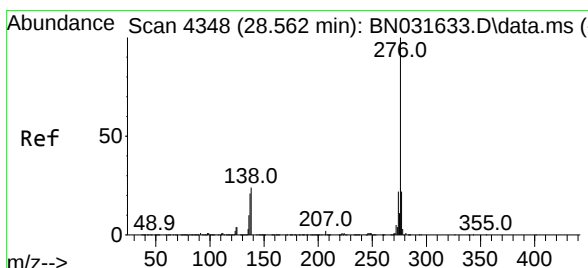
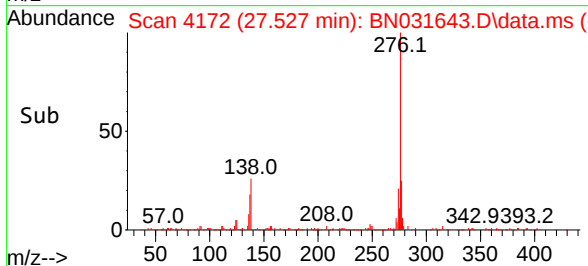
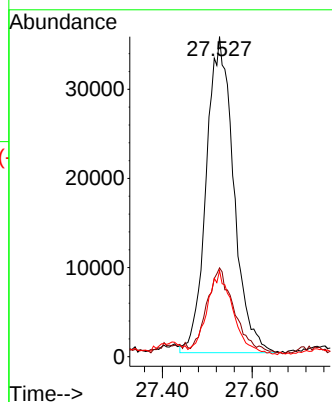
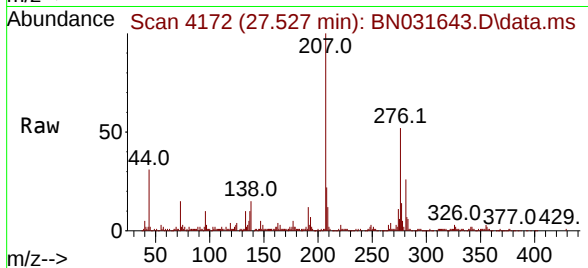
Tgt Ion:	276	Resp:	15036
Ion Ratio	Lower	Upper	
276	100		
138	27.8	19.8	29.6
277	26.9	18.2	27.4

Manual Integrations

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Supervised By :mohammad ahmed 05/25/2024



#96

Benzo(g,h,i)perylene

Concen: 1.576 ng/ul m

RT: 28.562 min Scan# 4348

Delta R.T. 0.006 min

Lab File: BN031643.D

Acq: 23 May 2024 22:11

Tgt Ion:	276	Resp:	147917
Ion Ratio	Lower	Upper	
276	100		
138	23.8	19.5	29.3
277	23.2	17.6	26.4

