

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101422\
 Data File : BN022124.D
 Acq On : 14 Oct 2022 14:57
 Operator : CG/JU
 Sample : N5049-09
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 COBM0

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/15/2022
 Supervised By :mohammad ahmed 10/16/2022

Quant Time: Oct 15 00:26:23 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN101222.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 13 03:08:08 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.958	152	150703	20.000	ng/u1	0.00
20) Naphthalene-d8	10.787	136	731506	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.628	164	470718	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.387	188	960945	20.000	ng/u1	0.00
79) Chrysene-d12	21.586	240	903790	20.000	ng/u1	0.00
88) Perylene-d12	24.057	264	806245	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.252	96	15401	3.873	ng/uL	0.00
4) Pyridine-d5	3.723	84	10144m	0.820	ng/u1	0.03
7) Phenol-d5	7.111	99	331871	22.526	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.281	67	208527	22.587	ng/u1	0.00
11) 2-Chlorophenol-d4	7.481	132	252612	24.729	ng/u1	0.00
15) 4-Methylphenol-d8	8.675	113	247683	21.157	ng/u1	0.00
21) Nitrobenzene-d5	9.134	128	136975	25.537	ng/u1	0.00
24) 2-Nitrophenol-d4	9.863	143	151064	27.478	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.405	165	253289	24.544	ng/u1	0.00
31) 4-Chloroaniline-d4	10.928	131	216483	12.831	ng/u1	0.00
46) Dimethylphthalate-d6	14.040	166	803142	24.476	ng/u1	0.00
49) Acenaphthylene-d8	14.322	160	924354	25.227	ng/u1	0.00
54) 4-Nitrophenol-d4	14.834	143	145264	20.741	ng/u1	0.00
60) Fluorene-d10	15.622	176	704803	25.466	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.745	200	90489	16.506	ng/u1	0.00
73) Anthracene-d10	17.487	188	1059421	25.370	ng/u1	0.00
81) Pyrene-d10	19.786	212	1197197	26.606	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.892	264	981620	24.826	ng/u1	0.00
Target Compounds						
					Qvalue	
8) Phenol	7.140	94	17933	1.147	ng/u1	98
16) Acetophenone	8.793	105	19657	1.051	ng/u1	93
36) 2-Methylnaphthalene	12.452	142	27138	1.003	ng/u1	100
80) Fluoranthene	19.451	202	74599	1.321	ng/u1#	94
82) Pyrene	19.816	202	83667	1.416	ng/u1	96
85) Benzo(a)anthracene	21.569	228	78402	1.358	ng/u1#	95
87) Chrysene	21.622	228	126776	2.284	ng/u1	98
90) Benzo(b)fluoranthene	23.292	252	166444	3.273	ng/u1#	88
91) Benzo(k)fluoranthene	23.339	252	56143m	1.118	ng/u1	
93) Benzo(a)pyrene	23.939	252	84959	1.869	ng/u1#	91
94) Indeno(1,2,3-cd)pyrene	26.639	276	71727	1.263	ng/u1	94
96) Benzo(g,h,i)perylene	27.433	276	61087m	1.195	ng/u1	

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

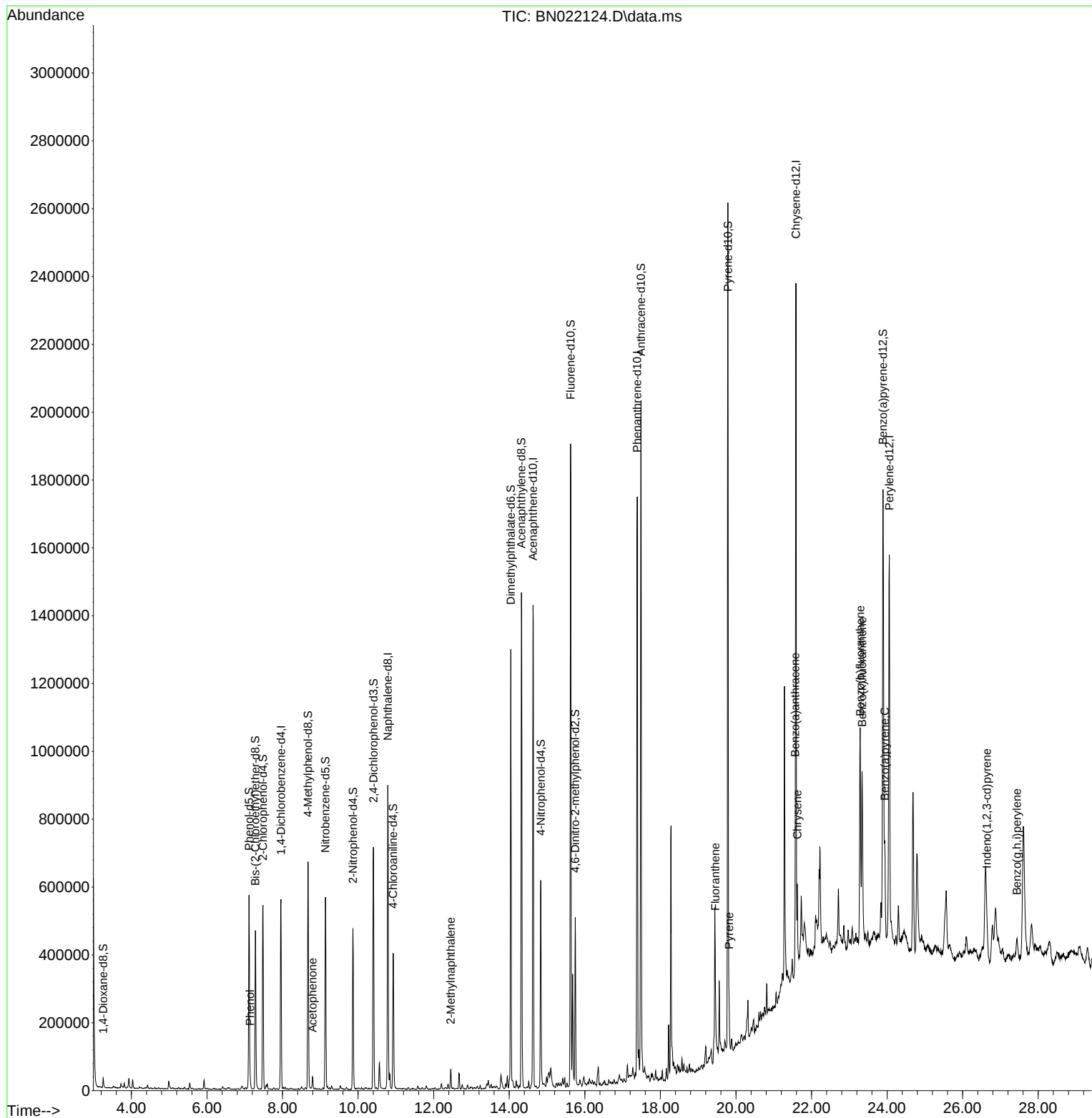
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101422\
Data File : BN022124.D
Acq On : 14 Oct 2022 14:57
Operator : CG/JU
Sample : N5049-09
Misc :
ALS Vial : 42 Sample Multiplier: 1

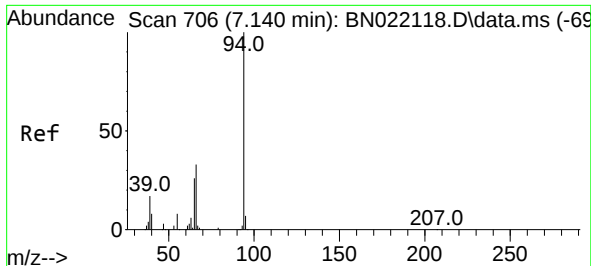
Instrument :
BNA_N
ClientSampleId :
COBM0

Quant Time: Oct 15 00:26:23 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN101222.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 13 03:08:08 2022
Response via : Initial Calibration

Manual Integrations
APPROVED

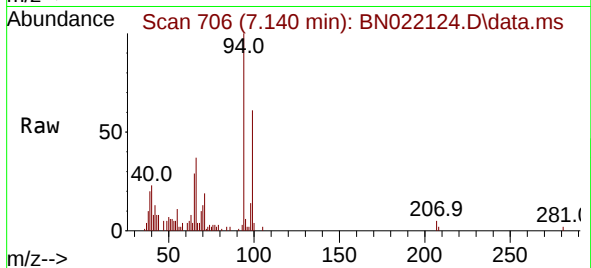
Reviewed By :Yogesh Patel 10/15/2022
Supervised By :mohammad ahmed 10/16/2022





#8
Phenol
Concen: 1.147 ng/ul
RT: 7.140 min Scan# 706
Delta R.T. 0.000 min
Lab File: BN022124.D
Acq: 14 Oct 2022 14:57

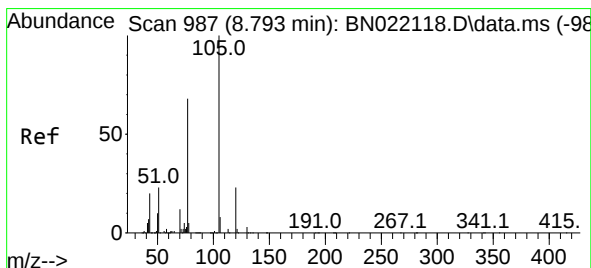
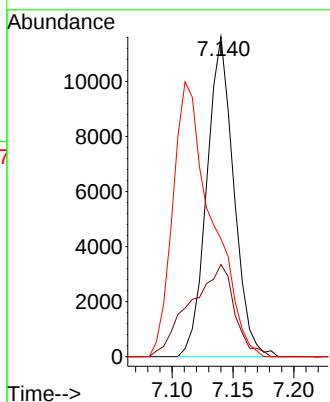
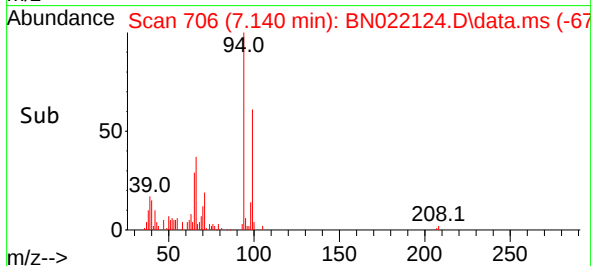
Instrument :
BNA_N
ClientSampleId :
COBM0



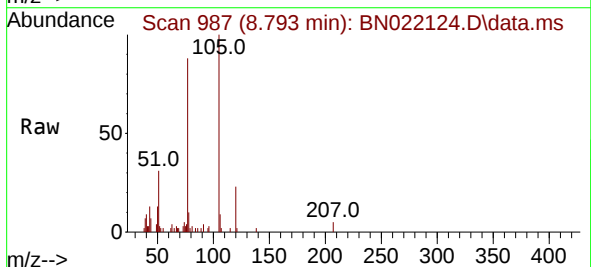
Tgt Ion: 94 Resp: 1793
Ion Ratio Lower Upper
94 100
65 28.8 22.1 33.1
66 36.9 29.0 43.6

Manual Integrations
APPROVED

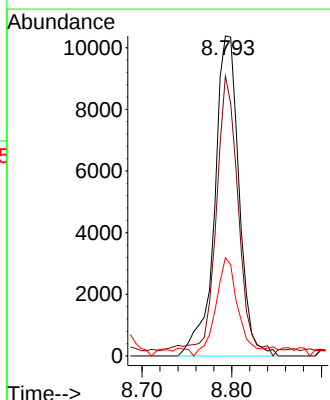
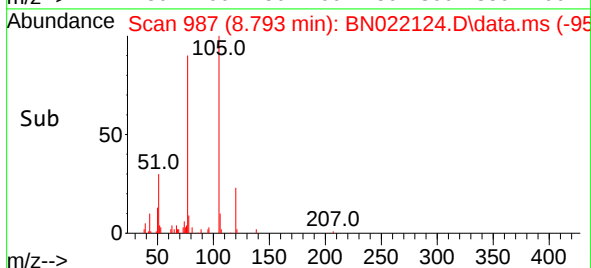
Reviewed By :Yogesh Patel 10/15/2022
Supervised By :mohammad ahmed 10/16/2022

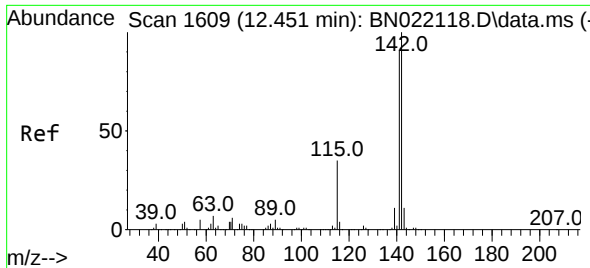


#16
Acetophenone
Concen: 1.051 ng/ul
RT: 8.793 min Scan# 987
Delta R.T. -0.006 min
Lab File: BN022124.D
Acq: 14 Oct 2022 14:57



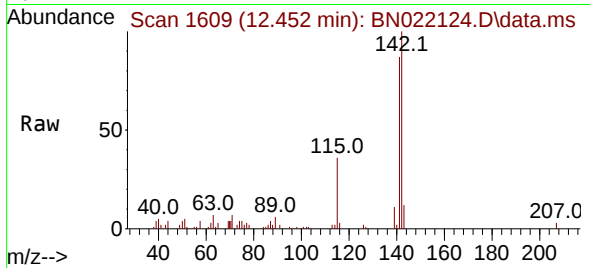
Tgt Ion:105 Resp: 19657
Ion Ratio Lower Upper
105 100
77 87.5 64.9 97.3
51 30.7 21.8 32.6





#36
2-Methylnaphthalene
Concen: 1.003 ng/ul
RT: 12.452 min Scan# 1609
Delta R.T. -0.006 min
Lab File: BN022124.D
Acq: 14 Oct 2022 14:57

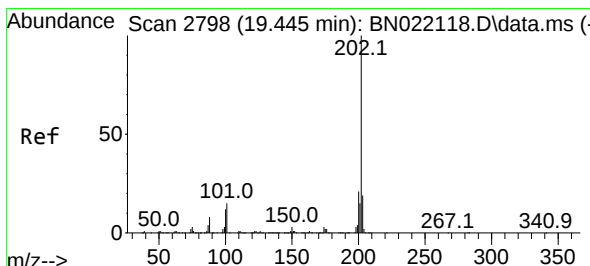
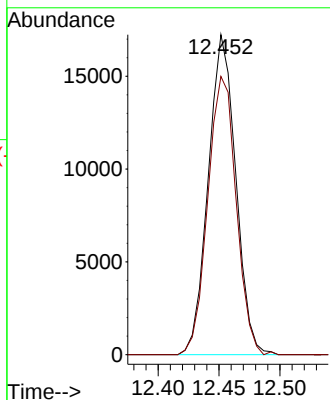
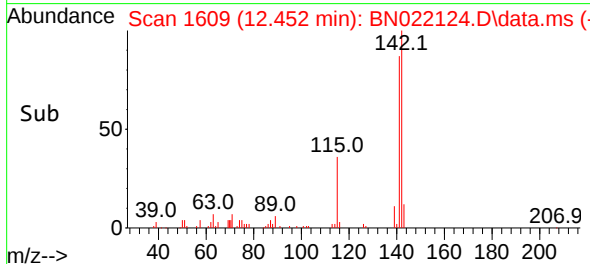
Instrument :
BNA_N
ClientSampleId :
COBM0



Tgt Ion:142 Resp: 27138
Ion Ratio Lower Upper
142 100
141 87.0 69.7 104.5

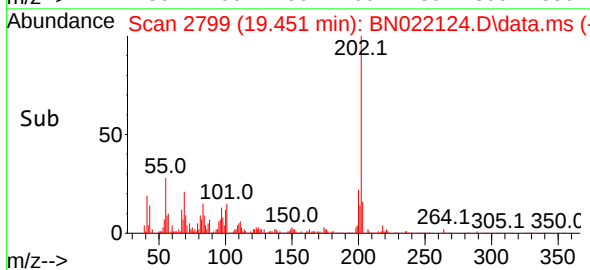
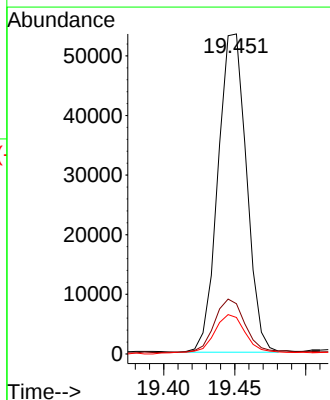
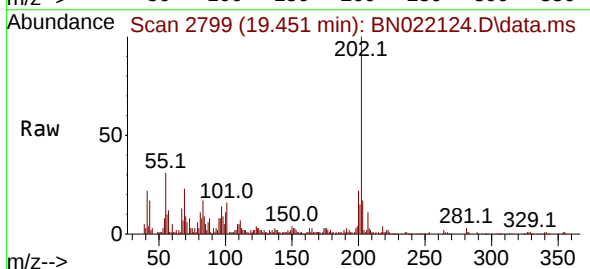
Manual Integrations
APPROVED

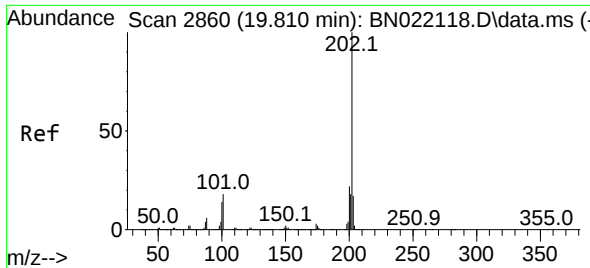
Reviewed By :Yogesh Patel 10/15/2022
Supervised By :mohammad ahmed 10/16/2022



#80
Fluoranthene
Concen: 1.321 ng/ul
RT: 19.451 min Scan# 2799
Delta R.T. -0.006 min
Lab File: BN022124.D
Acq: 14 Oct 2022 14:57

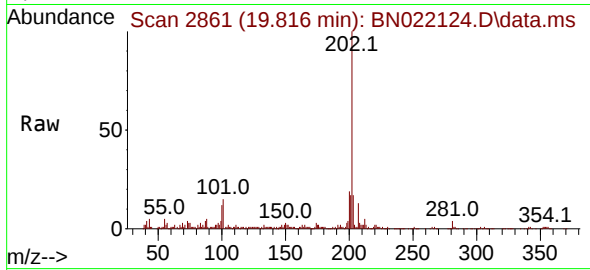
Tgt Ion:202 Resp: 74599
Ion Ratio Lower Upper
202 100
101 15.7 10.3 15.5#
100 11.4 7.8 11.8





#82
 Pyrene
 Concen: 1.416 ng/ul
 RT: 19.816 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BN022124.D
 Acq: 14 Oct 2022 14:57

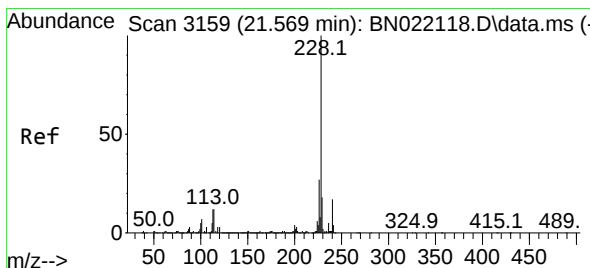
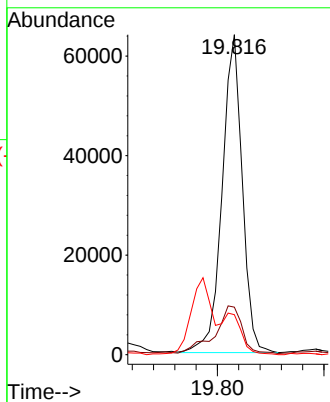
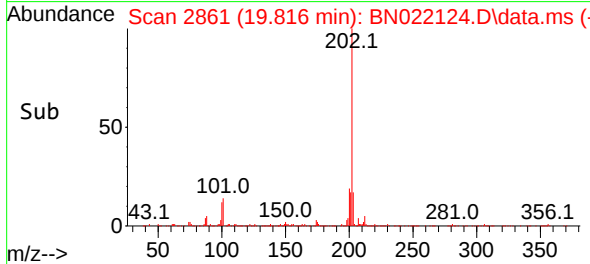
Instrument :
 BNA_N
 ClientSampleId :
 COBM0



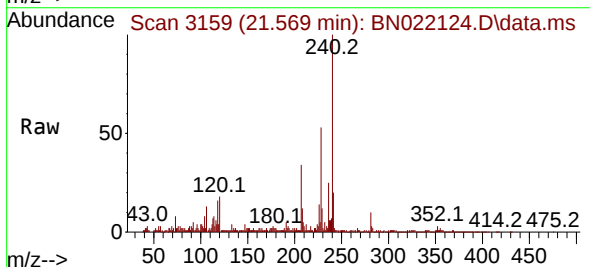
Tgt Ion:202 Resp: 8366
 Ion Ratio Lower Upper
 202 100
 101 14.9 13.4 20.0
 100 12.5 10.9 16.3

Manual Integrations
 APPROVED

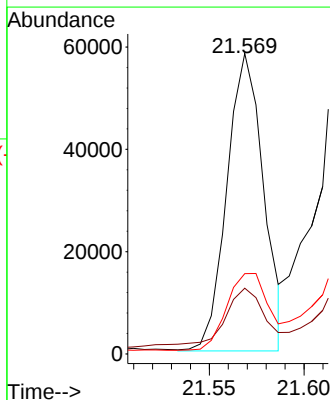
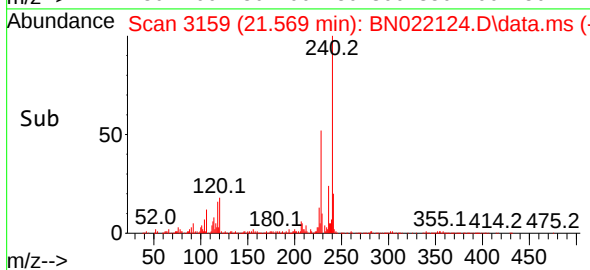
Reviewed By :Yogesh Patel 10/15/2022
 Supervised By :mohammad ahmed 10/16/2022

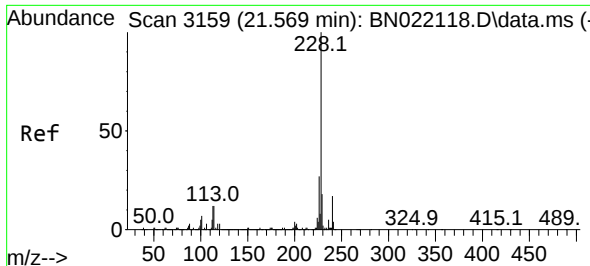


#85
 Benzo(a)anthracene
 Concen: 1.358 ng/ul
 RT: 21.569 min Scan# 3159
 Delta R.T. -0.006 min
 Lab File: BN022124.D
 Acq: 14 Oct 2022 14:57



Tgt Ion:228 Resp: 78402
 Ion Ratio Lower Upper
 228 100
 229 21.9 13.5 20.3#
 226 26.7 21.0 31.6





#87

Chrysene

Concen: 2.284 ng/u1

RT: 21.622 min Scan# 3159

Delta R.T. -0.006 min

Lab File: BN022124.D

Acq: 14 Oct 2022 14:57

Instrument :

BNA_N

ClientSampleId :

COBM0

Tgt Ion:228 Resp: 126770

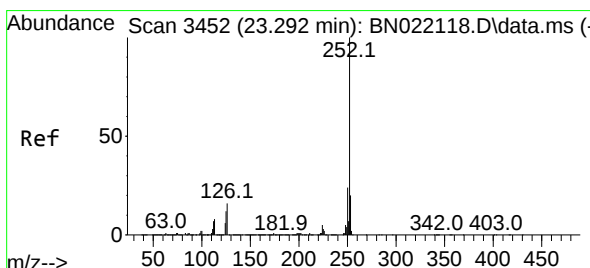
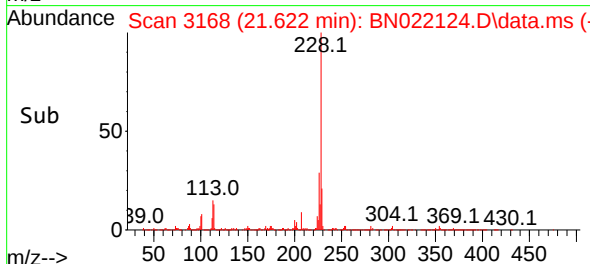
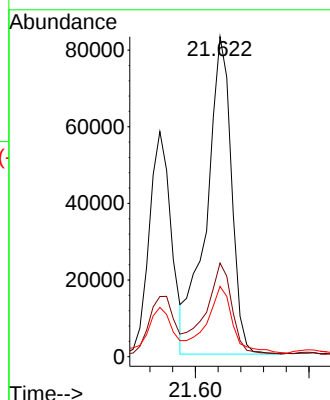
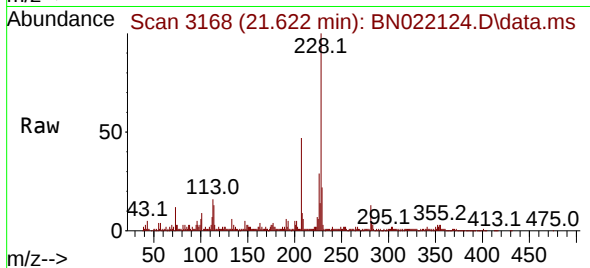
Ion	Ratio	Lower	Upper
228	100		
226	29.3	23.8	35.8
229	21.9	16.5	24.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/15/2022

Supervised By :mohammad ahmed 10/16/2022



#90

Benzo(b)fluoranthene

Concen: 3.273 ng/u1

RT: 23.292 min Scan# 3452

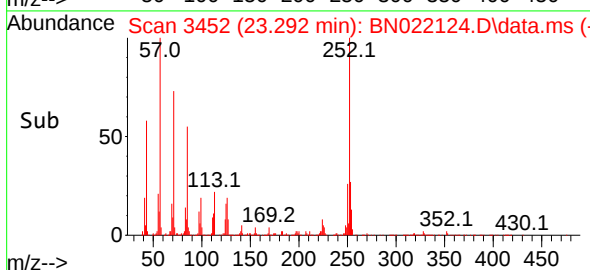
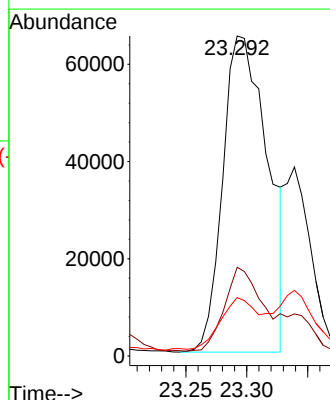
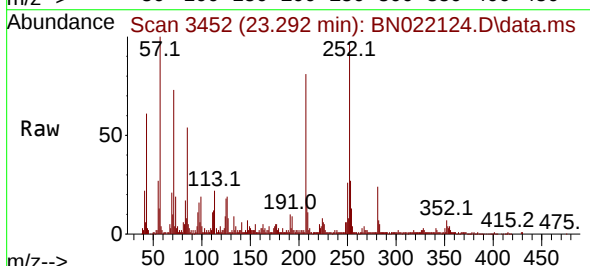
Delta R.T. -0.006 min

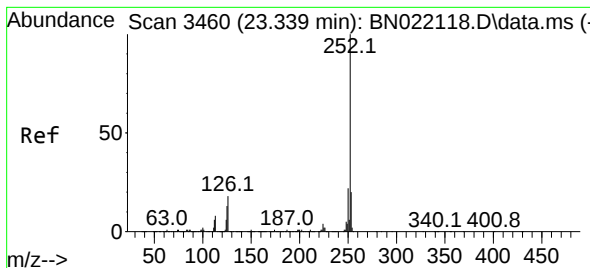
Lab File: BN022124.D

Acq: 14 Oct 2022 14:57

Tgt Ion:252 Resp: 166444

Ion	Ratio	Lower	Upper
252	100		
253	27.7	17.6	26.4#
125	18.2	10.7	16.1#





#91

Benzo(k)fluoranthene

Concen: 1.118 ng/ul m

RT: 23.339 min Scan# 3460

Delta R.T. -0.012 min

Lab File: BN022124.D

Acq: 14 Oct 2022 14:57

Instrument :

BNA_N

ClientSampleId :

COBM0

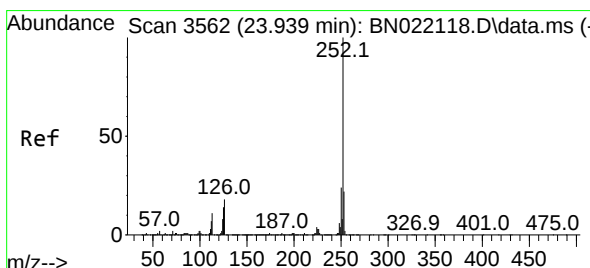
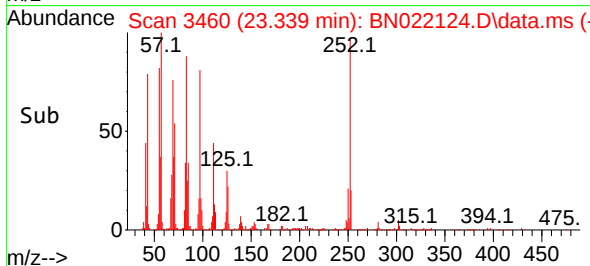
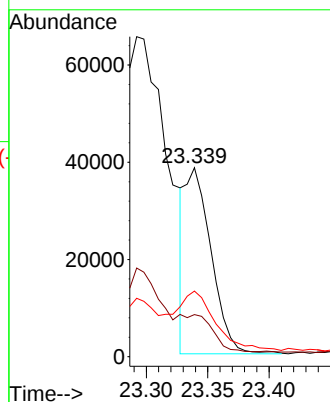
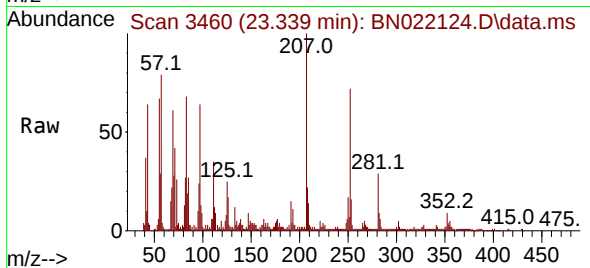
Tgt Ion:	252	Resp:	5614
Ion Ratio	Lower	Upper	
252	100		
253	22.3	17.7	26.5
125	34.7	10.6	15.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/15/2022

Supervised By :mohammad ahmed 10/16/2022



#93

Benzo(a)pyrene

Concen: 1.869 ng/ul

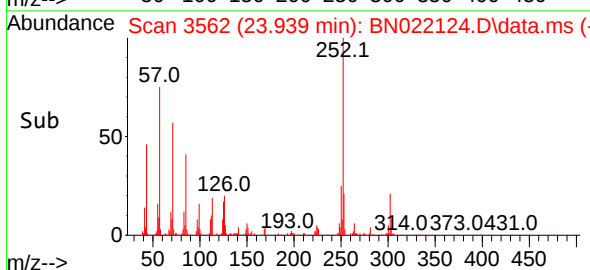
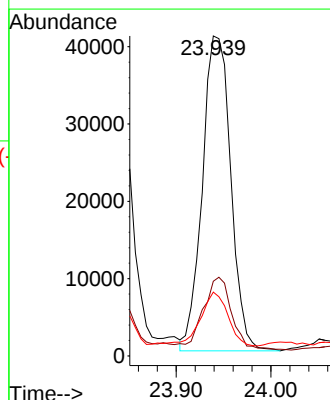
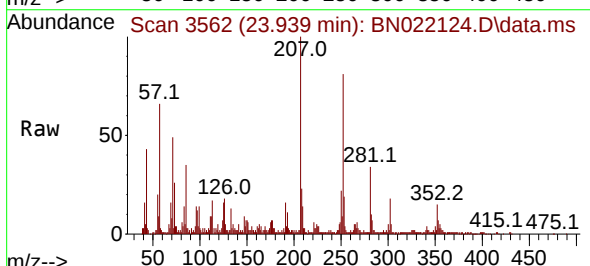
RT: 23.939 min Scan# 3562

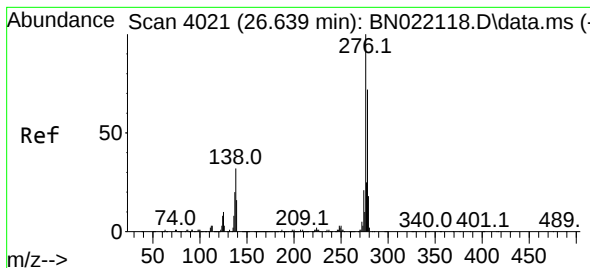
Delta R.T. -0.012 min

Lab File: BN022124.D

Acq: 14 Oct 2022 14:57

Tgt Ion:	252	Resp:	84959
Ion Ratio	Lower	Upper	
252	100		
253	23.4	17.2	25.8
125	19.9	10.8	16.2





#94

Indeno(1,2,3-cd)pyrene

Concen: 1.263 ng/ul

RT: 26.639 min Scan# 4021

Delta R.T. -0.023 min

Lab File: BN022124.D

Acq: 14 Oct 2022 14:57

Instrument :

BNA_N

ClientSampleId :

COBM0

Tgt Ion: 276 Resp: 7172

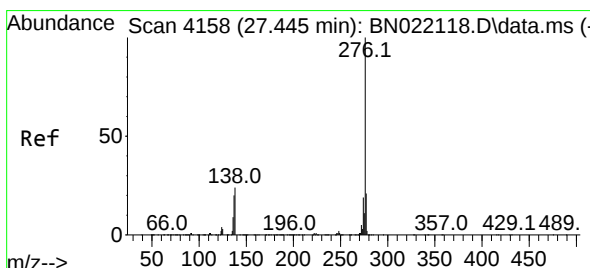
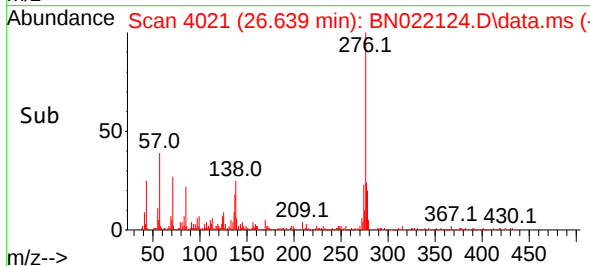
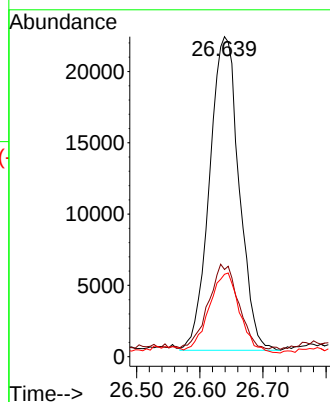
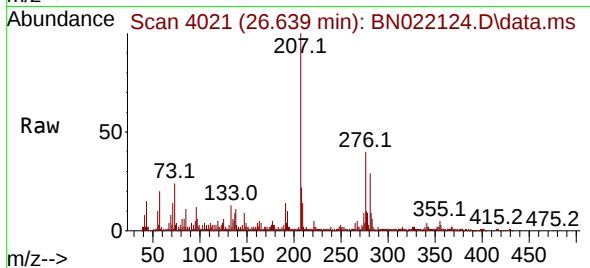
Ion	Ratio	Lower	Upper
276	100		
138	27.3	24.6	36.8
277	25.7	18.4	27.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/15/2022

Supervised By :mohammad ahmed 10/16/2022



#96

Benzo(g,h,i)perylene

Concen: 1.195 ng/ul m

RT: 27.433 min Scan# 4156

Delta R.T. -0.023 min

Lab File: BN022124.D

Acq: 14 Oct 2022 14:57

Tgt Ion: 276 Resp: 61087

Ion	Ratio	Lower	Upper
276	100		
138	27.6	21.2	31.8
277	25.1	17.9	26.9

