

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101422\
 Data File : BN022117.D
 Acq On : 14 Oct 2022 09:52
 Operator : CG/JU
 Sample : N5049-10
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 COBM4

Manual Integrations
 APPROVED

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

Quant Time: Oct 15 00:24:28 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	7.952	152	163945	20.000	ng/u1	0.00
20) Naphthalene-d8	10.781	136	789821	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.628	164	523215	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.386	188	1070458	20.000	ng/u1	0.00
79) Chrysene-d12	21.580	240	1078484	20.000	ng/u1	-0.01
88) Perylene-d12	24.051	264	1057026	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.252	96	19399	4.485	ng/uL	0.00
4) Pyridine-d5	3.717	84	16024	1.191	ng/u1	0.02
7) Phenol-d5	7.111	99	356147	22.221	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.281	67	250102	24.902	ng/u1	0.00
11) 2-Chlorophenol-d4	7.475	132	288895	25.997	ng/u1	0.00
15) 4-Methylphenol-d8	8.669	113	246338	19.343	ng/u1	-0.01
21) Nitrobenzene-d5	9.134	128	156719	27.060	ng/u1	0.00
24) 2-Nitrophenol-d4	9.857	143	170618	28.743	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.399	165	277135	24.872	ng/u1	-0.01
31) 4-Chloroaniline-d4	10.928	131	339466	18.635	ng/u1	0.00
46) Dimethylphthalate-d6	14.040	166	928435	25.456	ng/u1	0.00
49) Acenaphthylene-d8	14.322	160	1072375	26.330	ng/u1	0.00
54) 4-Nitrophenol-d4	14.828	143	143928	18.488	ng/u1	0.00
60) Fluorene-d10	15.622	176	788087	25.618	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.740	200	116202	19.028	ng/u1	-0.01
73) Anthracene-d10	17.481	188	1204595	25.895	ng/u1	0.00
81) Pyrene-d10	19.786	212	1394155	25.964	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.886	264	1339240	25.835	ng/u1	-0.01
Target Compounds					Qvalue	
8) Phenol	7.140	94	18537	1.090	ng/u1	95
30) Naphthalene	10.834	128	44040	1.041	ng/u1	98
36) 2-Methylnaphthalene	12.451	142	30984	1.060	ng/u1	99
72) Phenanthrene	17.428	178	227419	3.938	ng/u1	95
80) Fluoranthene	19.445	202	540575	8.020	ng/u1	96
82) Pyrene	19.810	202	448288	6.357	ng/u1	99
85) Benzo(a)anthracene	21.569	228	344844	5.004	ng/u1#	94
87) Chrysene	21.622	228	328813	4.965	ng/u1	99
90) Benzo(b)fluoranthene	23.286	252	357959	5.369	ng/u1	98
91) Benzo(k)fluoranthene	23.333	252	139348m	2.116	ng/u1	
93) Benzo(a)pyrene	23.933	252	185626	3.115	ng/u1#	92
94) Indeno(1,2,3-cd)pyrene	26.621	276	94956	1.275	ng/u1	94

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

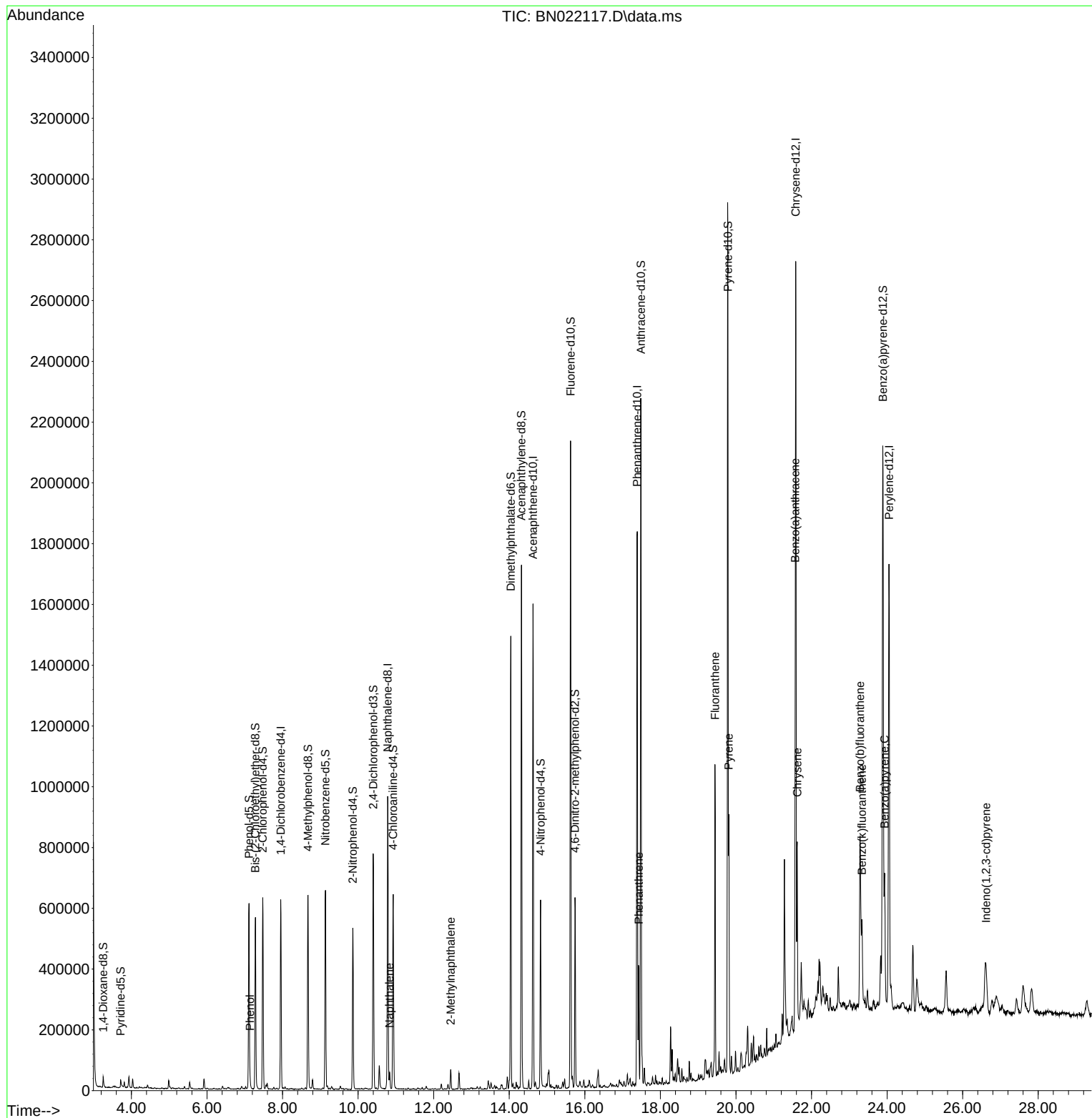
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101422\
Data File : BN022117.D
Acq On : 14 Oct 2022 09:52
Operator : CG/JU
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ALS Vial : 35 Sample Multiplier: 1

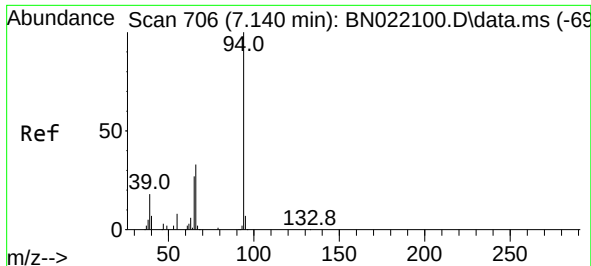
Instrument :
BNA_N
ClientSampleId :
C0BM4

Quant Time: Oct 15 00:24:28 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN101222.M
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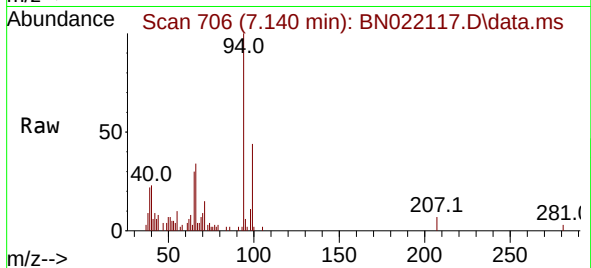
Reviewed By :Yogesh Patel 10/15/2022
Supervised By :mohammad ahmed 10/16/2022





#8
Phenol
Concen: 1.090 ng/ul
RT: 7.140 min Scan# 706
Delta R.T. 0.000 min
Lab File: BN022117.D
Acq: 14 Oct 2022 09:52

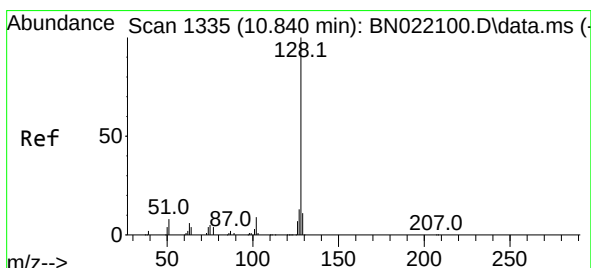
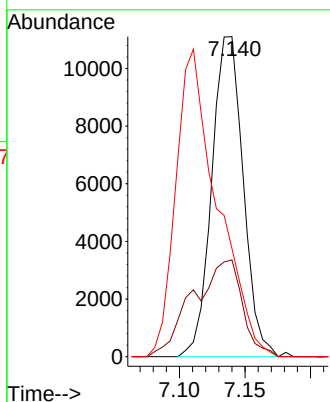
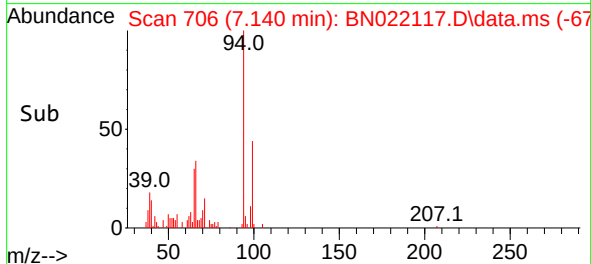
Instrument :
BNA_N
ClientSampleId :
COBM4



Tgt Ion: 94 Resp: 1853
Ion Ratio Lower Upper
94 100
65 30.3 22.1 33.1
66 33.8 29.0 43.6

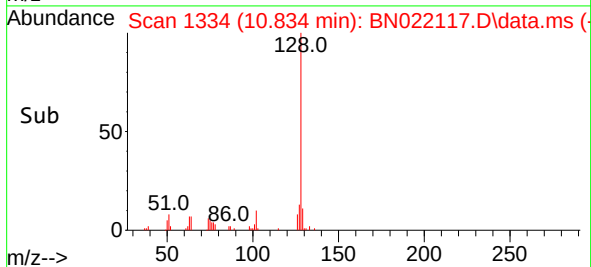
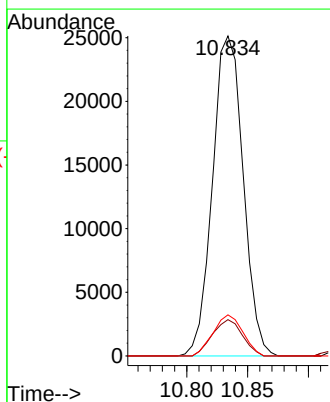
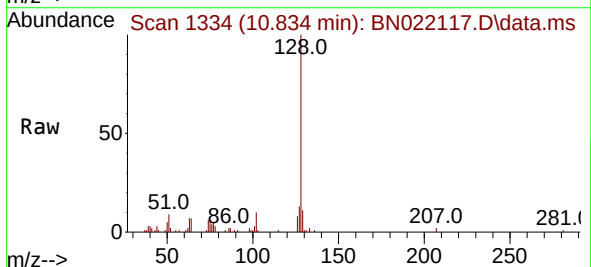
Manual Integrations
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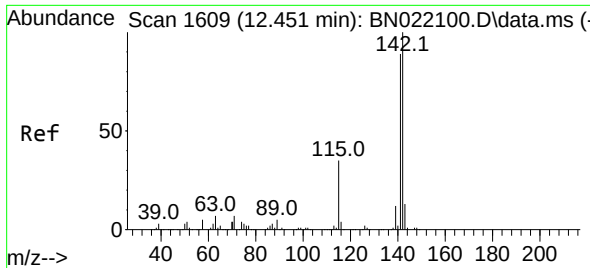
Reviewed By :Yogesh Patel 10/15/2022
Supervised By :mohammad ahmed 10/16/2022



#30
Naphthalene
Concen: 1.041 ng/ul
RT: 10.834 min Scan# 1334
Delta R.T. -0.006 min
Lab File: BN022117.D
Acq: 14 Oct 2022 09:52

Tgt Ion:128 Resp: 44040
Ion Ratio Lower Upper
128 100
129 11.4 8.5 12.7
127 12.9 10.8 16.2





#36
2-Methylnaphthalene
Concen: 1.060 ng/ul
RT: 12.451 min Scan# 1609
Delta R.T. -0.006 min
Lab File: BN022117.D
Acq: 14 Oct 2022 09:52

Instrument :

BNA_N

ClientSampleId :

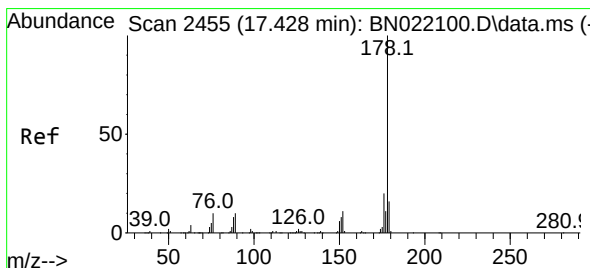
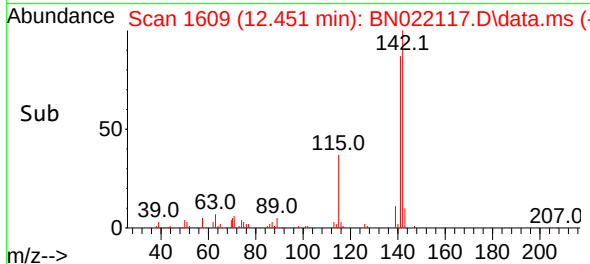
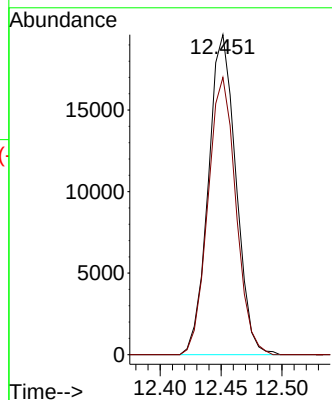
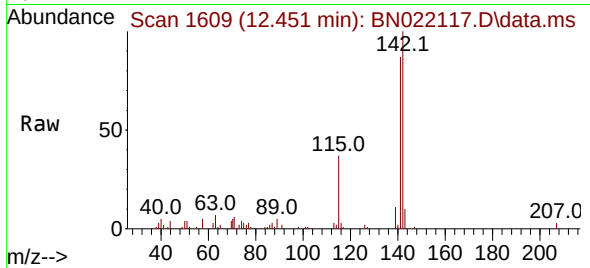
COBM4

Tgt Ion:142 Resp: 30984
Ion Ratio Lower Upper
142 100
141 86.6 69.7 104.5

Manual Integrations

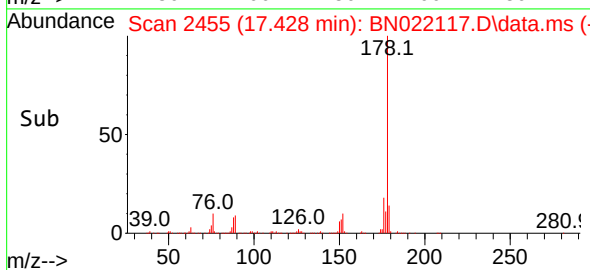
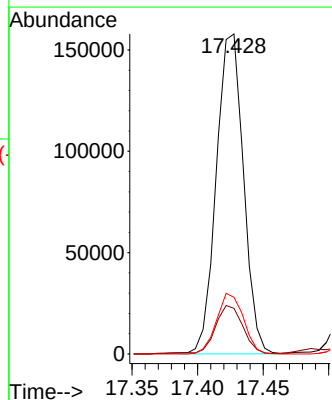
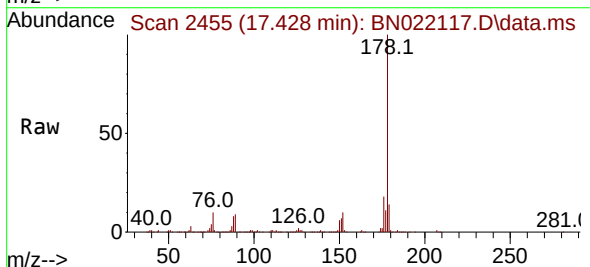
APPROVED

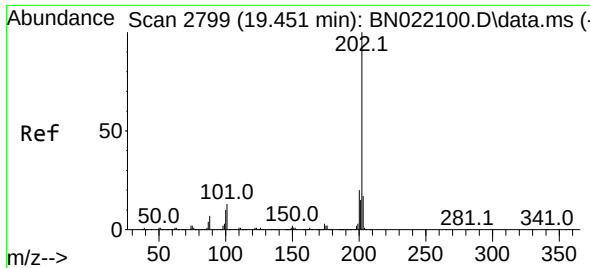
Reviewed By :Yogesh Patel 10/15/2022
Supervised By :mohammad ahmed 10/16/2022



#72
Phenanthrene
Concen: 3.938 ng/ul
RT: 17.428 min Scan# 2455
Delta R.T. -0.006 min
Lab File: BN022117.D
Acq: 14 Oct 2022 09:52

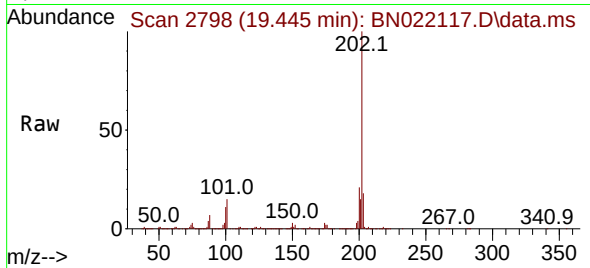
Tgt Ion:178 Resp: 227419
Ion Ratio Lower Upper
178 100
179 14.3 12.3 18.5
176 17.7 16.5 24.7





#80
Fluoranthene
Concen: 8.020 ng/u1
RT: 19.445 min Scan# 21
Delta R.T. -0.012 min
Lab File: BN022117.D
Acq: 14 Oct 2022 09:52

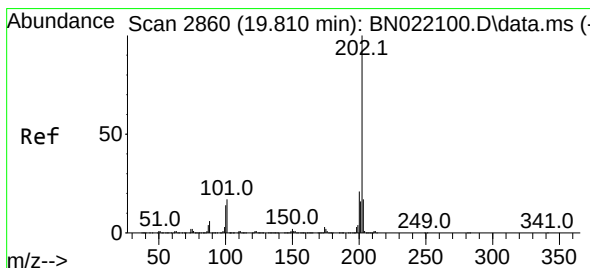
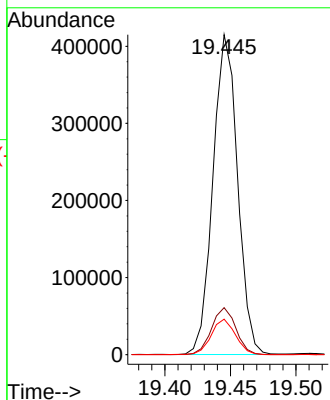
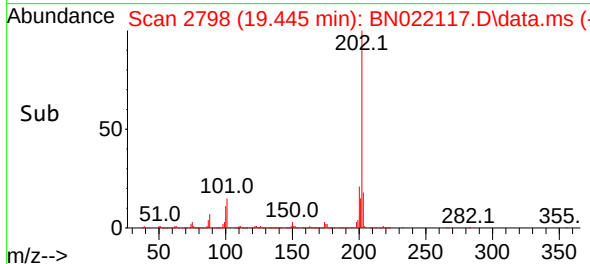
Instrument :
BNA_N
ClientSampleId :
COBM4



Tgt Ion:202 Resp: 540579
Ion Ratio Lower Upper
202 100
101 14.7 10.3 15.5
100 11.1 7.8 11.8

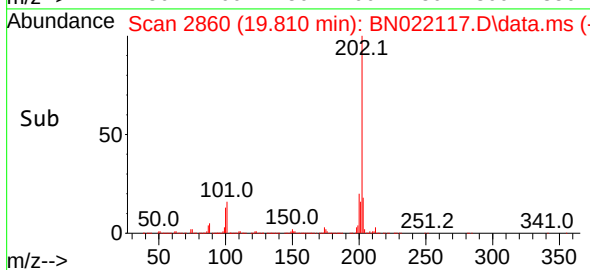
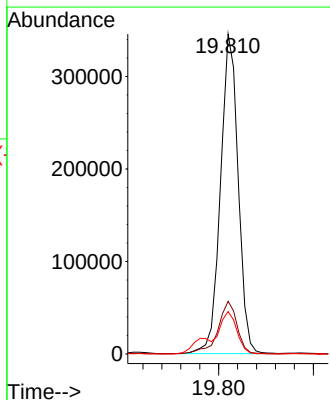
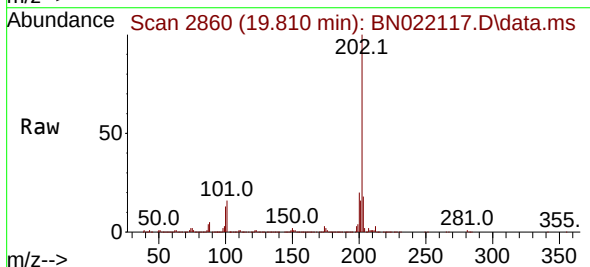
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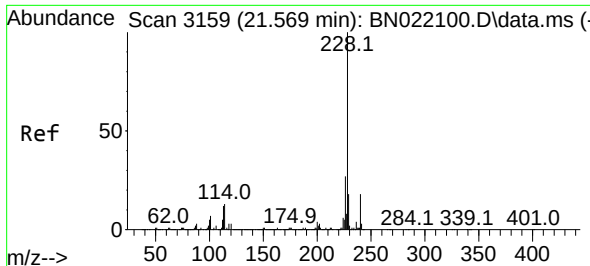
Reviewed By :Yogesh Patel 10/15/2022
Supervised By :mohammad ahmed 10/16/2022



#82
Pyrene
Concen: 6.357 ng/u1
RT: 19.810 min Scan# 2860
Delta R.T. -0.006 min
Lab File: BN022117.D
Acq: 14 Oct 2022 09:52

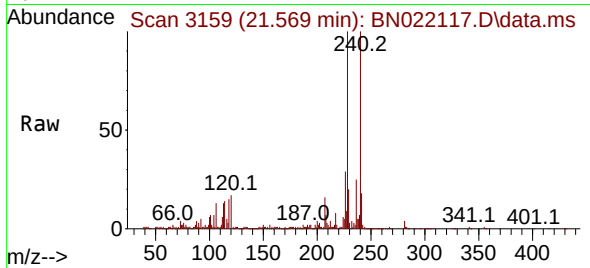
Tgt Ion:202 Resp: 448288
Ion Ratio Lower Upper
202 100
101 16.4 13.4 20.0
100 13.3 10.9 16.3





#85
Benzo(a)anthracene
Concen: 5.004 ng/u1
RT: 21.569 min Scan# 3159
Delta R.T. -0.006 min
Lab File: BN022117.D
Acq: 14 Oct 2022 09:52

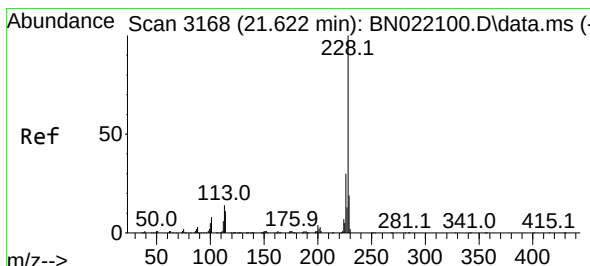
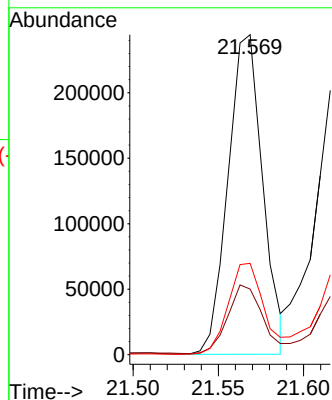
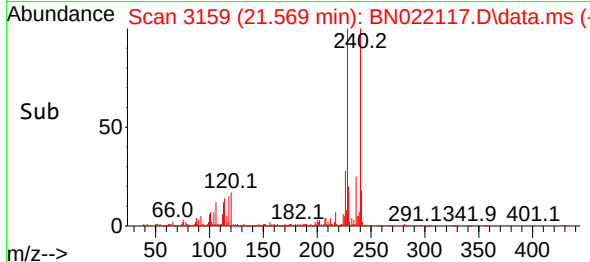
Instrument :
BNA_N
ClientSampleId :
COBM4



Tgt Ion:228 Resp: 344844
Ion Ratio Lower Upper
228 100
229 20.5 13.5 20.3
226 28.6 21.0 31.6

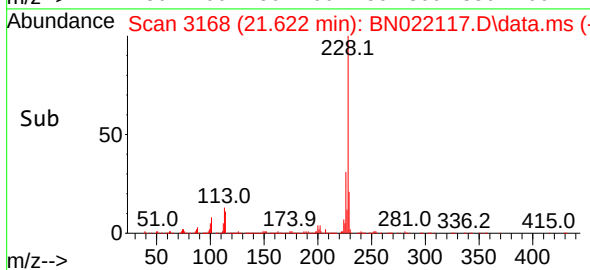
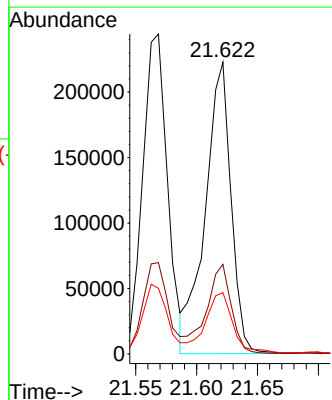
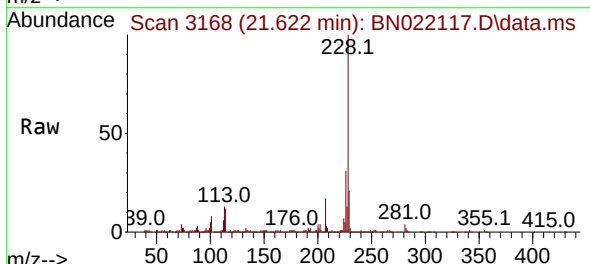
Manual Integrations
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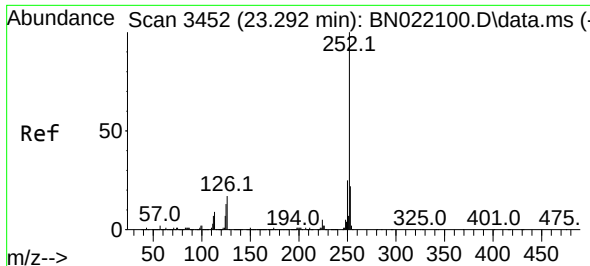
Reviewed By :Yogesh Patel 10/15/2022
Supervised By :mohammad ahmed 10/16/2022



#87
Chrysene
Concen: 4.965 ng/u1
RT: 21.622 min Scan# 3168
Delta R.T. -0.006 min
Lab File: BN022117.D
Acq: 14 Oct 2022 09:52

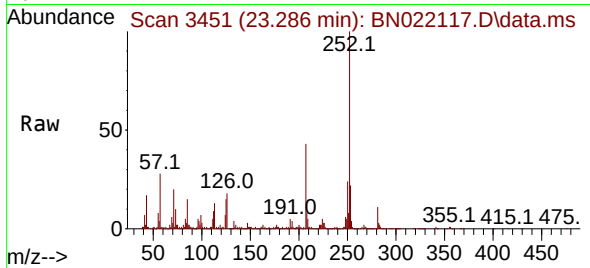
Tgt Ion:228 Resp: 328813
Ion Ratio Lower Upper
228 100
226 30.7 23.8 35.8
229 21.0 16.5 24.7





#90
Benzo(b)fluoranthene
Concen: 5.369 ng/ul
RT: 23.286 min Scan# 3451
Delta R.T. -0.012 min
Lab File: BN022117.D
Acq: 14 Oct 2022 09:52

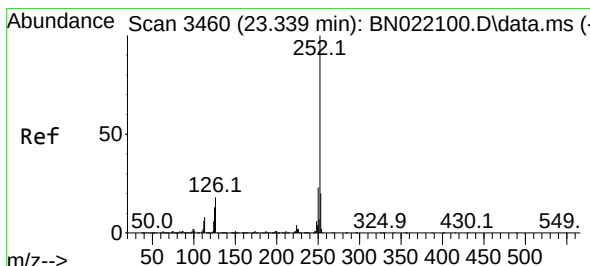
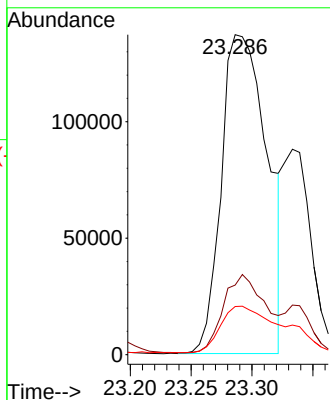
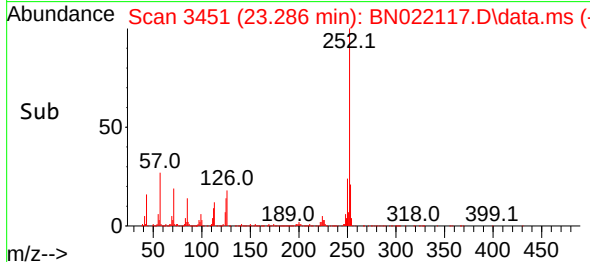
Instrument :
BNA_N
ClientSampleId :
C0BM4



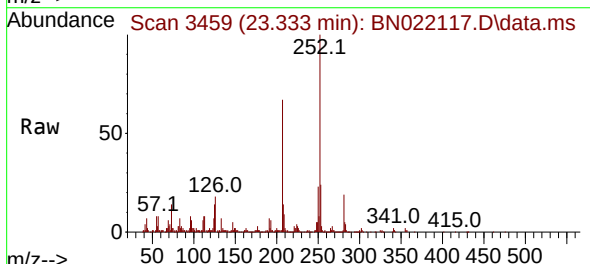
Tgt Ion:252 Resp: 357959
Ion Ratio Lower Upper
252 100
253 21.8 17.6 26.4
125 15.0 10.7 16.1

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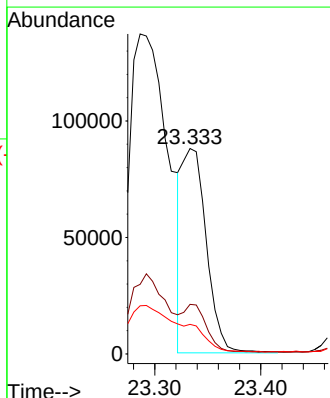
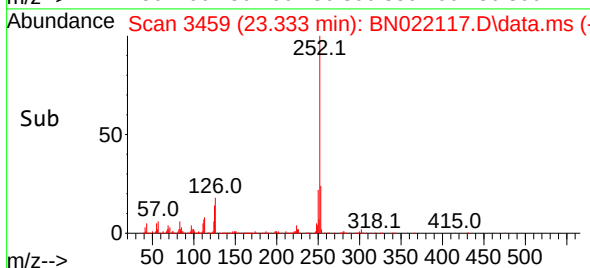
Reviewed By :Yogesh Patel 10/15/2022
Supervised By :mohammad ahmed 10/16/2022

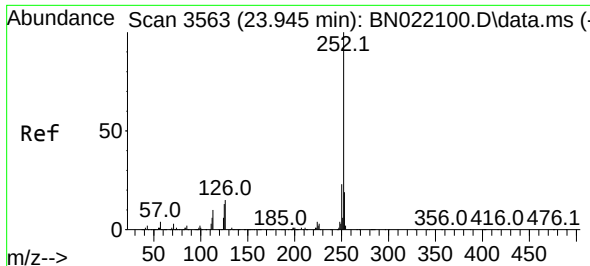


#91
Benzo(k)fluoranthene
Concen: 2.116 ng/ul m
RT: 23.333 min Scan# 3459
Delta R.T. -0.018 min
Lab File: BN022117.D
Acq: 14 Oct 2022 09:52



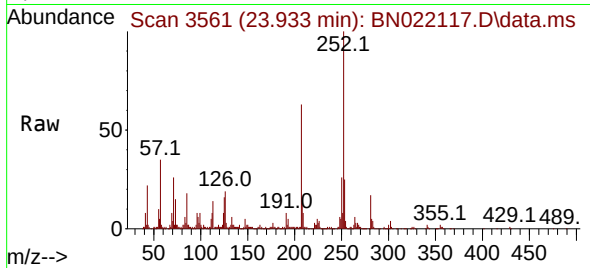
Tgt Ion:252 Resp: 139348
Ion Ratio Lower Upper
252 100
253 24.1 17.7 26.5
125 14.4 10.6 15.8





#93
Benzo(a)pyrene
Concen: 3.115 ng/ul
RT: 23.933 min Scan# 3563
Delta R.T. -0.018 min
Lab File: BN022117.D
Acq: 14 Oct 2022 09:52

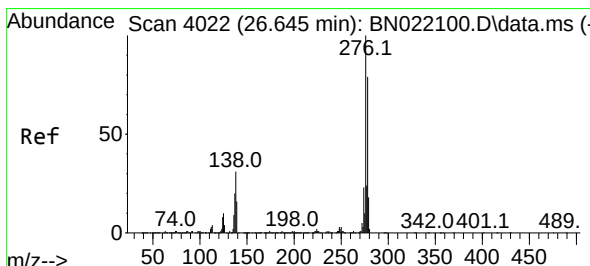
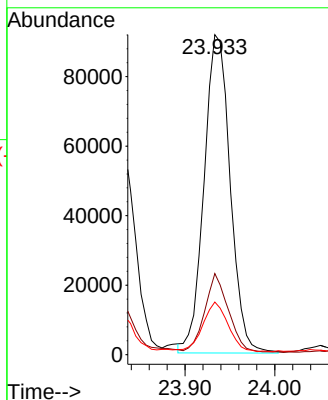
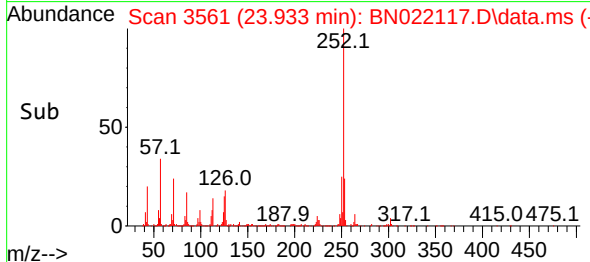
Instrument :
BNA_N
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COBM4



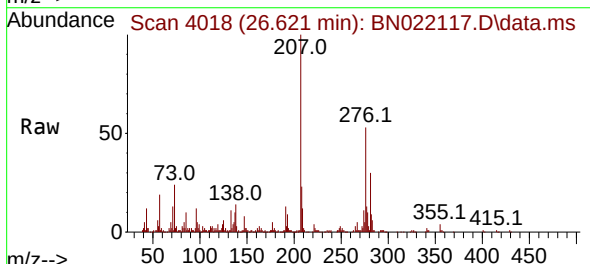
Tgt Ion:252 Resp: 185620
Ion Ratio Lower Upper
252 100
253 25.3 17.2 25.8
125 16.5 10.8 16.2

Manual Integrations
APPROVED

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



#94
Indeno(1,2,3-cd)pyrene
Concen: 1.275 ng/ul
RT: 26.621 min Scan# 4018
Delta R.T. -0.041 min
Lab File: BN022117.D
Acq: 14 Oct 2022 09:52



Tgt Ion:276 Resp: 94956
Ion Ratio Lower Upper
276 100
138 26.8 24.6 36.8
277 25.5 18.4 27.6

