

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061224\
 Data File : BN031967.D
 Acq On : 13 Jun 2024 08:24
 Operator : MA/JU
 Sample : P2648-17
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BHC48

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 06/13/2024
 Supervised By :mohammad ahmed 06/14/2024

Quant Time: Jun 13 08:57:47 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jun 11 22:28:10 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.657	152	348075	20.000	ng/u1	0.00
20) Naphthalene-d8	10.440	136	1331110	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.304	164	729889	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.051	188	1314844	20.000	ng/u1	0.00
79) Chrysene-d12	21.292	240	1185669	20.000	ng/u1	0.00
88) Perylene-d12	24.221	264	1377446	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.181	96	30645	3.642	ng/uL	0.00
4) Pyridine-d5	3.593	84	73561	3.106	ng/u1	0.01
7) Phenol-d5	6.840	99	598855	20.069	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.999	67	368482	21.112	ng/u1	0.00
11) 2-Chlorophenol-d4	7.193	132	506473	22.245	ng/u1	0.00
15) 4-Methylphenol-d8	8.369	113	307846	12.656	ng/u1	0.00
21) Nitrobenzene-d5	8.816	128	247165	24.285	ng/u1	0.00
24) 2-Nitrophenol-d4	9.534	143	255843	24.335	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.069	165	411768	20.979	ng/u1	0.00
31) 4-Chloroaniline-d4	10.587	131	471654	16.185	ng/u1	0.00
46) Dimethylphthalate-d6	13.722	166	1178448	23.176	ng/u1	0.00
49) Acenaphthylene-d8	13.998	160	1374820	23.514	ng/u1	0.00
54) 4-Nitrophenol-d4	14.528	143	175451	17.233	ng/u1	0.00
60) Fluorene-d10	15.298	176	963202	22.388	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.433	200	91097	13.784	ng/u1	0.00
73) Anthracene-d10	17.151	188	1299004	23.076	ng/u1	0.00
81) Pyrene-d10	19.451	212	1358642	21.414	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.021	264	1084503	16.488	ng/u1	0.00
Target Compounds						
					Qvalue	
72) Phenanthrene	17.098	178	438216	6.543	ng/u1	98
74) Anthracene	17.186	178	85300	1.257	ng/u1	99
80) Fluoranthene	19.116	202	636393	8.393	ng/u1	100
82) Pyrene	19.480	202	455496	5.855	ng/u1	97
85) Benzo(a)anthracene	21.274	228	289186	3.644	ng/u1	97
87) Chrysene	21.333	228	294110	3.968	ng/u1	98
90) Benzo(b)fluoranthene	23.298	252	372632m	4.526	ng/u1	
91) Benzo(k)fluoranthene	23.351	252	107314	1.328	ng/u1	97
93) Benzo(a)pyrene	24.080	252	136534	1.771	ng/u1	94
94) Indeno(1,2,3-cd)pyrene	27.509	276	121065	1.362	ng/u1	99

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

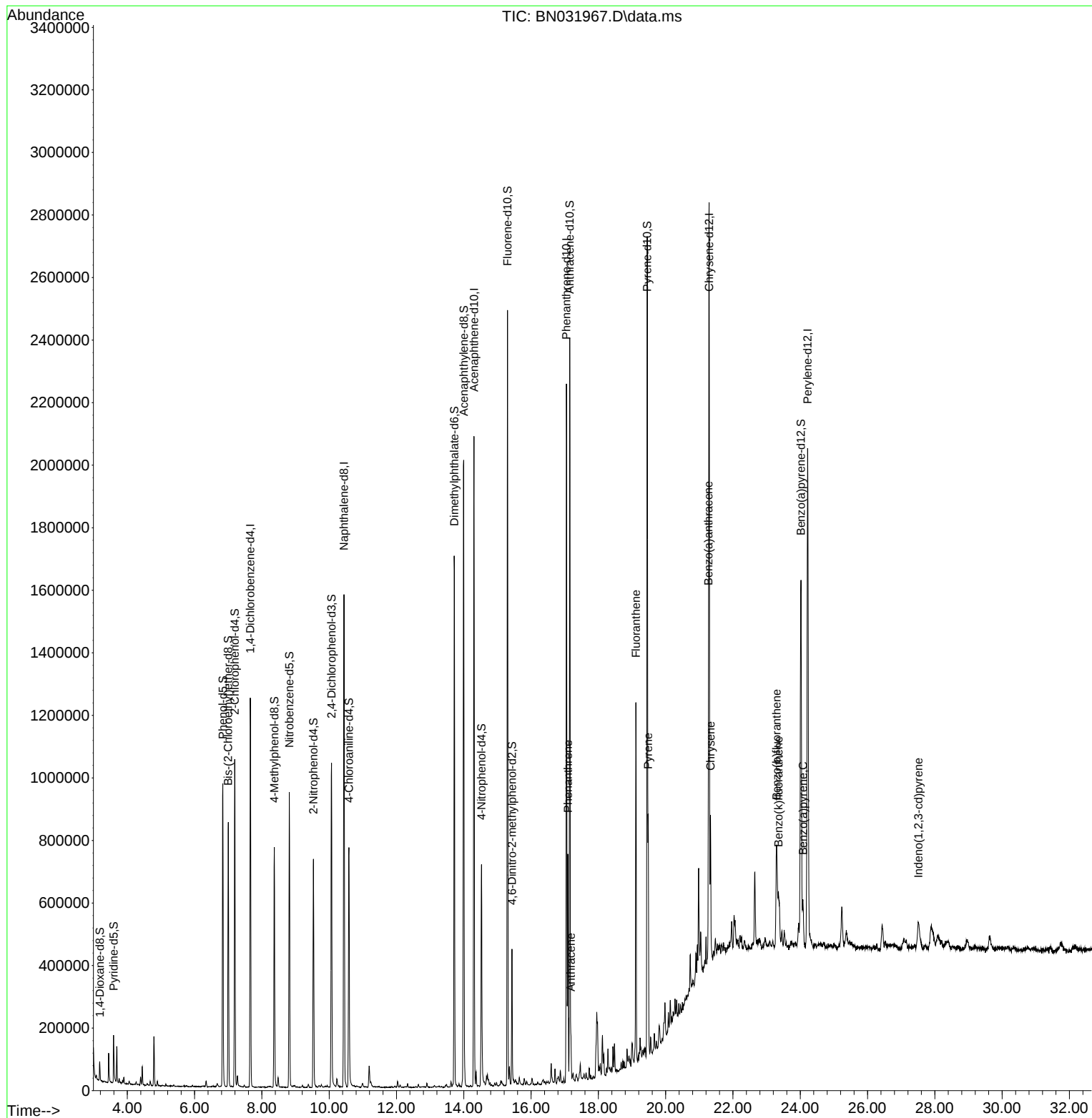
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061224\
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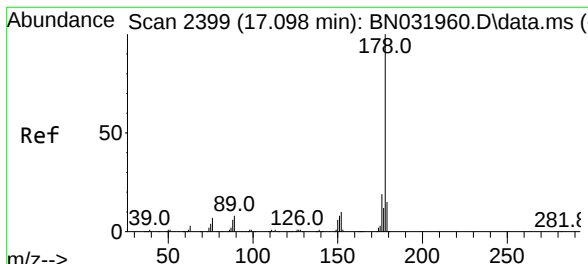
Instrument :
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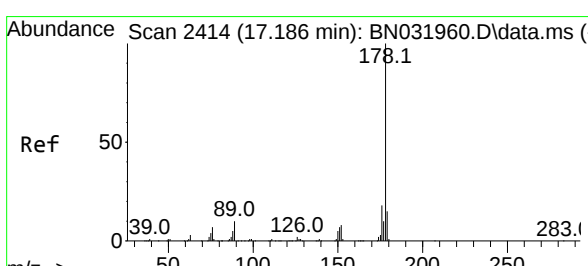
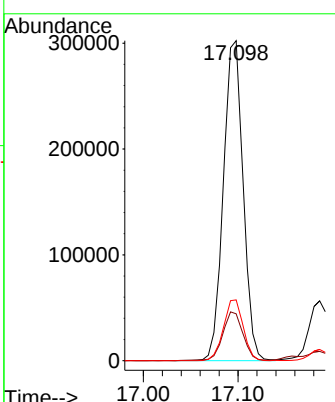
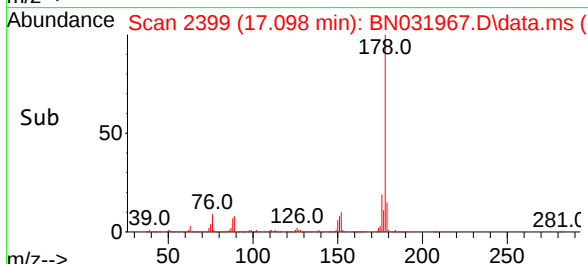
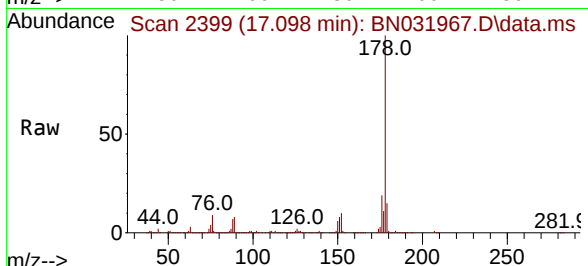
#72
 Phenanthrene
 Concen: 6.543 ng/ul
 RT: 17.098 min Scan# 2399
 Delta R.T. -0.000 min
 Lab File: BN031967.D
 Acq: 13 Jun 2024 08:24

Instrument : BNA_N
 ClientSampleId : BHC48

Tgt Ion:178 Resp: 438210

Ion	Ratio	Lower	Upper
178	100		
179	14.7	12.6	19.0
176	19.0	15.8	23.6

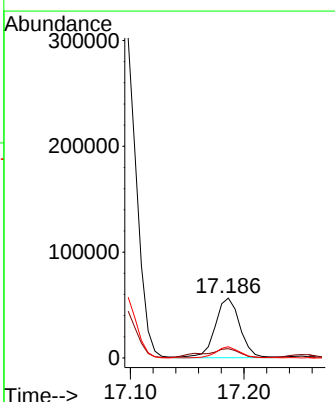
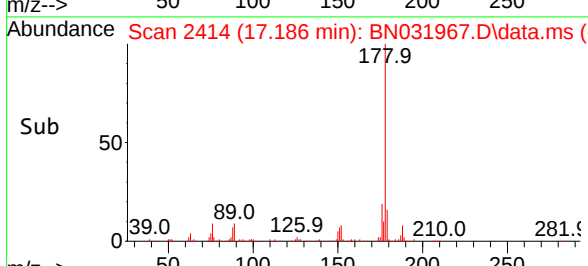
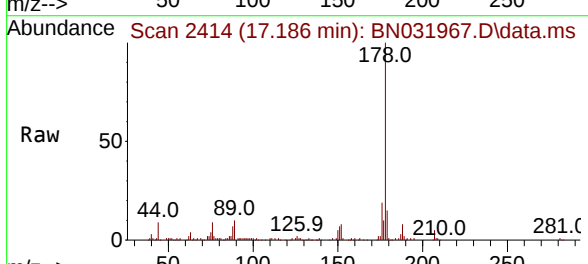
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 Supervised By :mohammad ahmed 06/14/2024

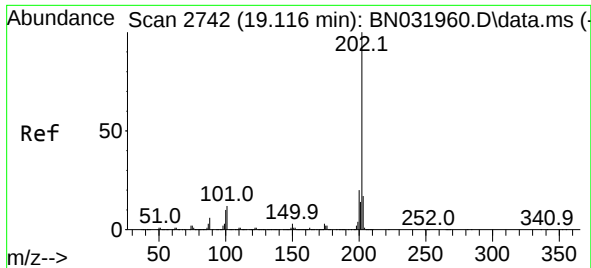


#74
 Anthracene
 Concen: 1.257 ng/ul
 RT: 17.186 min Scan# 2414
 Delta R.T. -0.000 min
 Lab File: BN031967.D
 Acq: 13 Jun 2024 08:24

Tgt Ion:178 Resp: 85300

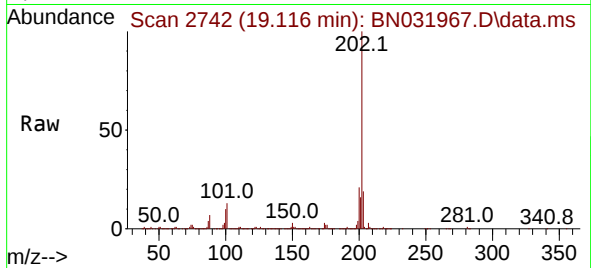
Ion	Ratio	Lower	Upper
178	100		
179	15.5	11.8	17.6
176	18.7	14.8	22.2





#80
Fluoranthene
Concen: 8.393 ng/u1
RT: 19.116 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN031967.D
Acq: 13 Jun 2024 08:24

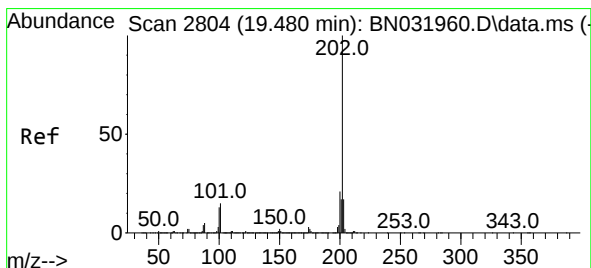
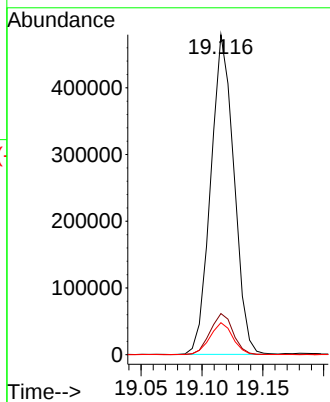
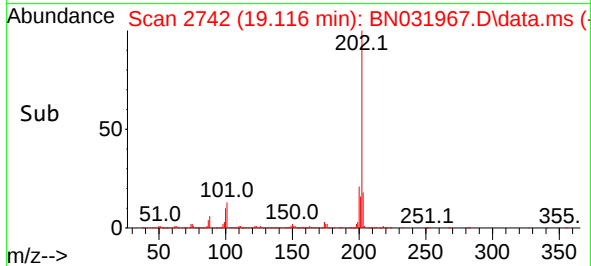
Instrument :
BNA_N
ClientSampleId :
BHC48



Tgt Ion:202 Resp: 63639
Ion Ratio Lower Upper
202 100
101 12.8 10.3 15.5
100 10.0 8.0 12.0

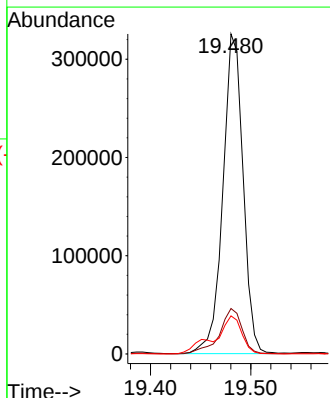
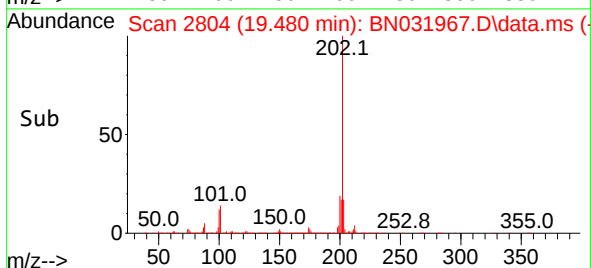
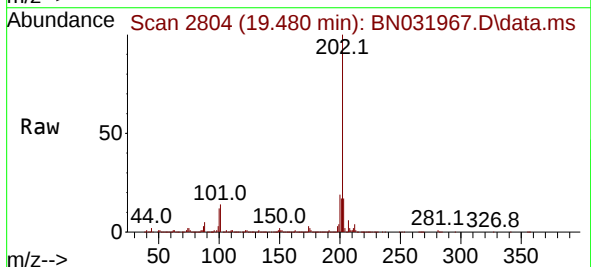
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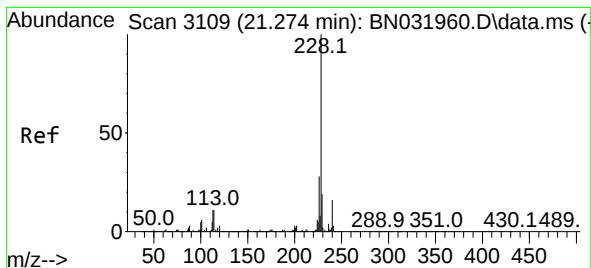
Reviewed By :Jagrut Upadhyay 06/13/2024
Supervised By :mohammad ahmed 06/14/2024



#82
Pyrene
Concen: 5.855 ng/u1
RT: 19.480 min Scan# 2804
Delta R.T. -0.006 min
Lab File: BN031967.D
Acq: 13 Jun 2024 08:24

Tgt Ion:202 Resp: 455496
Ion Ratio Lower Upper
202 100
101 14.2 12.6 18.8
100 11.9 10.2 15.2





#85

Benzo(a)anthracene

Concen: 3.644 ng/ul

RT: 21.274 min Scan# 3109

Delta R.T. -0.000 min

Lab File: BN031967.D

Acq: 13 Jun 2024 08:24

Instrument :

BNA_N

ClientSampleId :

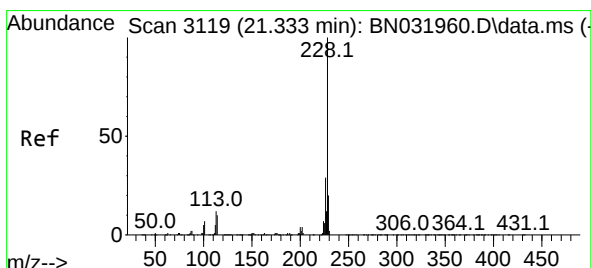
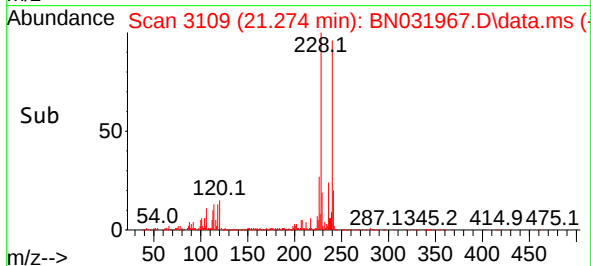
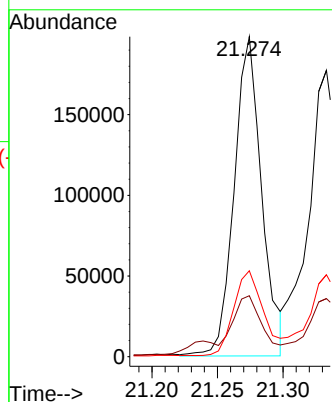
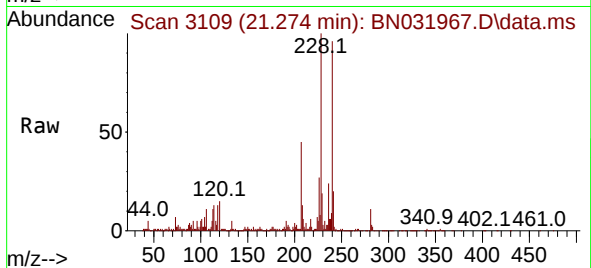
BHC48

Tgt Ion:228 Resp: 289180
 Ion Ratio Lower Upper
 228 100
 229 19.1 16.7 25.1
 226 26.9 22.8 34.2

Manual Integrations

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#87

Chrysene

Concen: 3.968 ng/ul

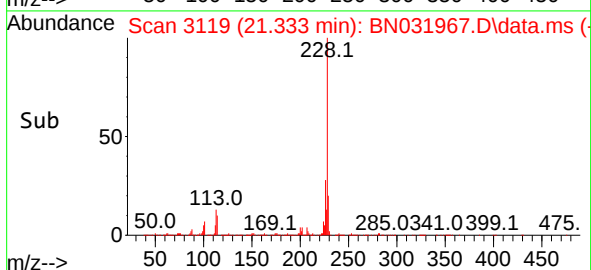
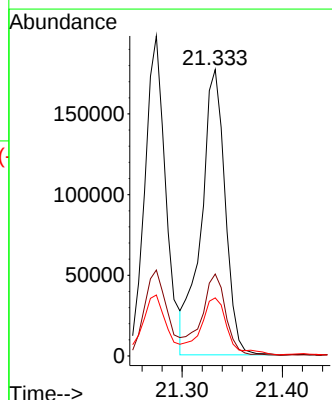
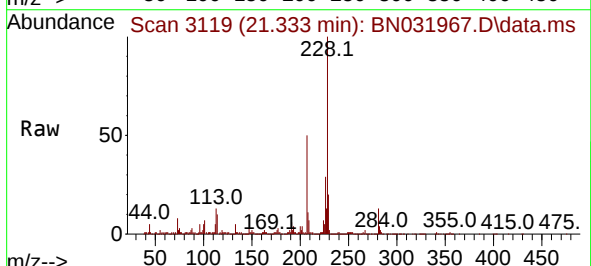
RT: 21.333 min Scan# 3119

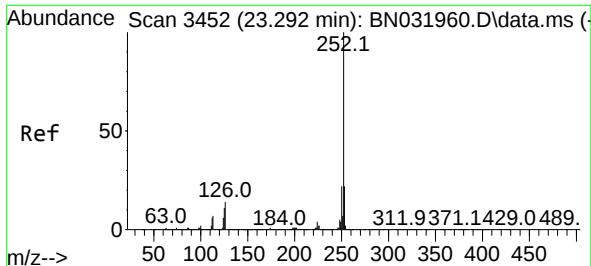
Delta R.T. -0.000 min

Lab File: BN031967.D

Acq: 13 Jun 2024 08:24

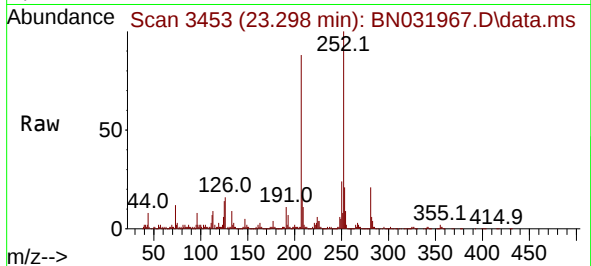
Tgt Ion:228 Resp: 294110
 Ion Ratio Lower Upper
 228 100
 226 28.6 23.7 35.5
 229 20.3 15.1 22.7





#90
Benzo(b)fluoranthene
Concen: 4.526 ng/ul m
RT: 23.298 min Scan# 3452
Delta R.T. 0.006 min
Lab File: BN031967.D
Acq: 13 Jun 2024 08:24

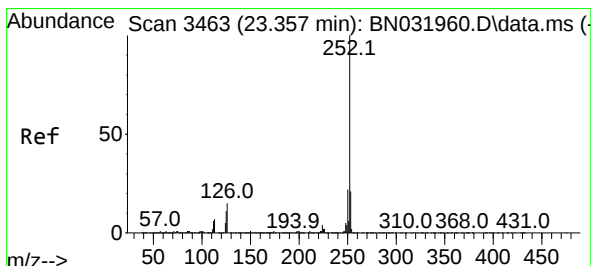
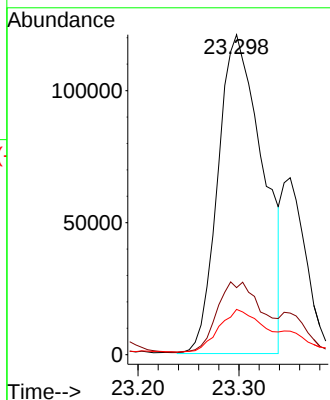
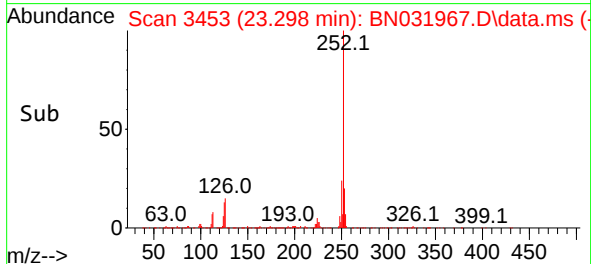
Instrument :
BNA_N
ClientSampleId :
BHC48



Tgt Ion:252 Resp: 372632
Ion Ratio Lower Upper
252 100
253 21.0 17.0 25.6
125 14.1 9.2 13.8

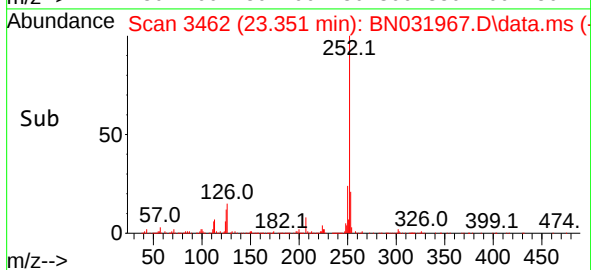
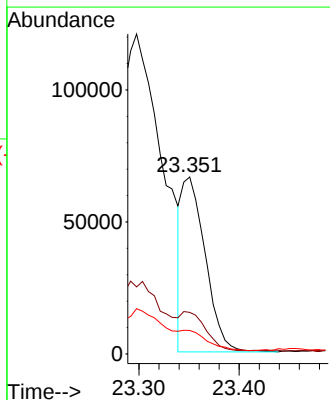
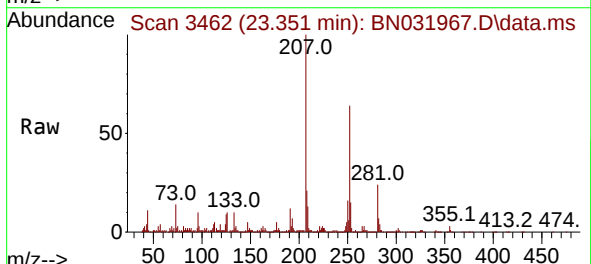
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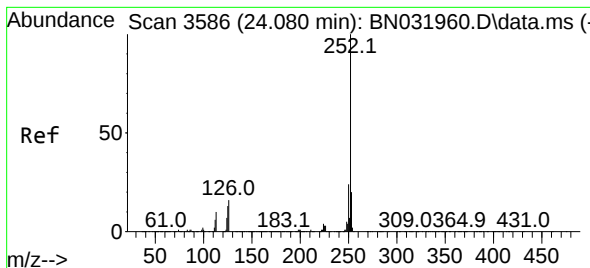
Reviewed By :Jagrut Upadhyay 06/13/2024
Supervised By :mohammad ahmed 06/14/2024



#91
Benzo(k)fluoranthene
Concen: 1.328 ng/ul
RT: 23.351 min Scan# 3462
Delta R.T. -0.000 min
Lab File: BN031967.D
Acq: 13 Jun 2024 08:24

Tgt Ion:252 Resp: 107314
Ion Ratio Lower Upper
252 100
253 23.5 17.6 26.4
125 13.3 9.4 14.2





#93

Benzo(a)pyrene

Concen: 1.771 ng/ul

RT: 24.080 min Scan# 31

Delta R.T. -0.000 min

Lab File: BN031967.D

Acq: 13 Jun 2024 08:24

Instrument :

BNA_N

ClientSampleId :

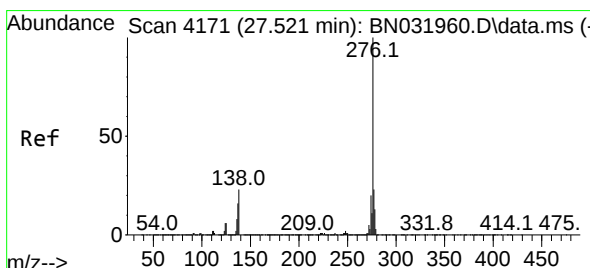
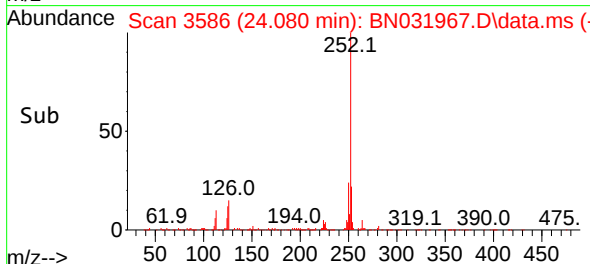
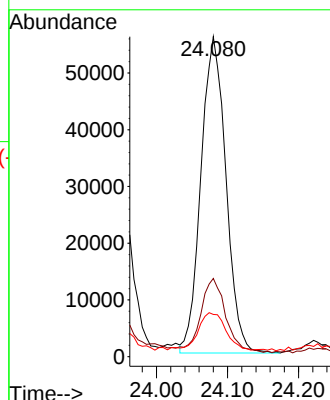
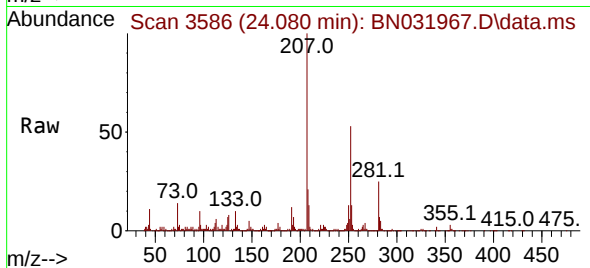
BHC48

Tgt Ion:	252	Resp:	136534
Ion Ratio	Lower	Upper	
252	100		
253	24.4	16.6	24.8
125	13.2	9.8	14.8

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#94

Indeno(1,2,3-cd)pyrene

Concen: 1.362 ng/ul

RT: 27.509 min Scan# 4169

Delta R.T. -0.006 min

Lab File: BN031967.D

Acq: 13 Jun 2024 08:24

Tgt Ion:	276	Resp:	121065
Ion Ratio	Lower	Upper	
276	100		
138	22.8	18.1	27.1
277	22.1	18.2	27.2

