

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062024\
 Data File : BN032109.D
 Acq On : 20 Jun 2024 23:17
 Operator : MA/JU
 Sample : P2710-08
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4BL7

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 06/21/2024
 Supervised By :mohammad ahmed 06/21/2024

Quant Time: Jun 21 02:30:15 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jun 20 10:49:40 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.634	152	350254	20.000	ng/u1	0.00
20) Naphthalene-d8	10.416	136	1625334	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.281	164	1103860	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.028	188	2237533	20.000	ng/u1	0.00
79) Chrysene-d12	21.263	240	1545448	20.000	ng/u1	0.00
88) Perylene-d12	24.174	264	1472800	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.164	96	32008	3.781	ng/uL	0.00
4) Pyridine-d5	3.575	84	50100	2.102	ng/u1	0.00
7) Phenol-d5	6.816	99	730235	24.320	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.981	67	397574	22.637	ng/u1	0.00
11) 2-Chlorophenol-d4	7.169	132	625849	27.317	ng/u1	0.00
15) 4-Methylphenol-d8	8.346	113	594723	24.298	ng/u1	0.00
21) Nitrobenzene-d5	8.793	128	327367	26.342	ng/u1	0.00
24) 2-Nitrophenol-d4	9.510	143	361304	28.145	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.046	165	640701	26.734	ng/u1	0.00
31) 4-Chloroaniline-d4	10.563	131	498828	14.019	ng/u1	0.00
46) Dimethylphthalate-d6	13.698	166	2111774	27.461	ng/u1	0.00
49) Acenaphthylene-d8	13.969	160	2341942	26.485	ng/u1	0.00
54) 4-Nitrophenol-d4	14.504	143	333035	21.629	ng/u1	0.00
60) Fluorene-d10	15.281	176	1787584	27.473	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.410	200	269847	23.993	ng/u1	0.00
73) Anthracene-d10	17.128	188	2627549	27.429	ng/u1	0.00
81) Pyrene-d10	19.433	212	2532995	30.629	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.968	264	1340040	19.055	ng/u1	-0.01
Target Compounds						
					Qvalue	
72) Phenanthrene	17.075	178	572348	5.021	ng/u1	98
80) Fluoranthene	19.092	202	1481703	14.992	ng/u1	97
82) Pyrene	19.457	202	982118	9.685	ng/u1	95
85) Benzo(a)anthracene	21.245	228	554638	5.362	ng/u1	96
86) Bis(2-ethylhexyl)phtha...	21.169	149	187259	2.682	ng/u1	96
87) Chrysene	21.304	228	594105	6.149	ng/u1	97
90) Benzo(b)fluoranthene	23.251	252	652610	7.413	ng/u1	96
91) Benzo(k)fluoranthene	23.310	252	262681m	3.041	ng/u1	
93) Benzo(a)pyrene	24.033	252	225219	2.732	ng/u1#	93
94) Indeno(1,2,3-cd)pyrene	27.439	276	201722	2.123	ng/u1	95

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

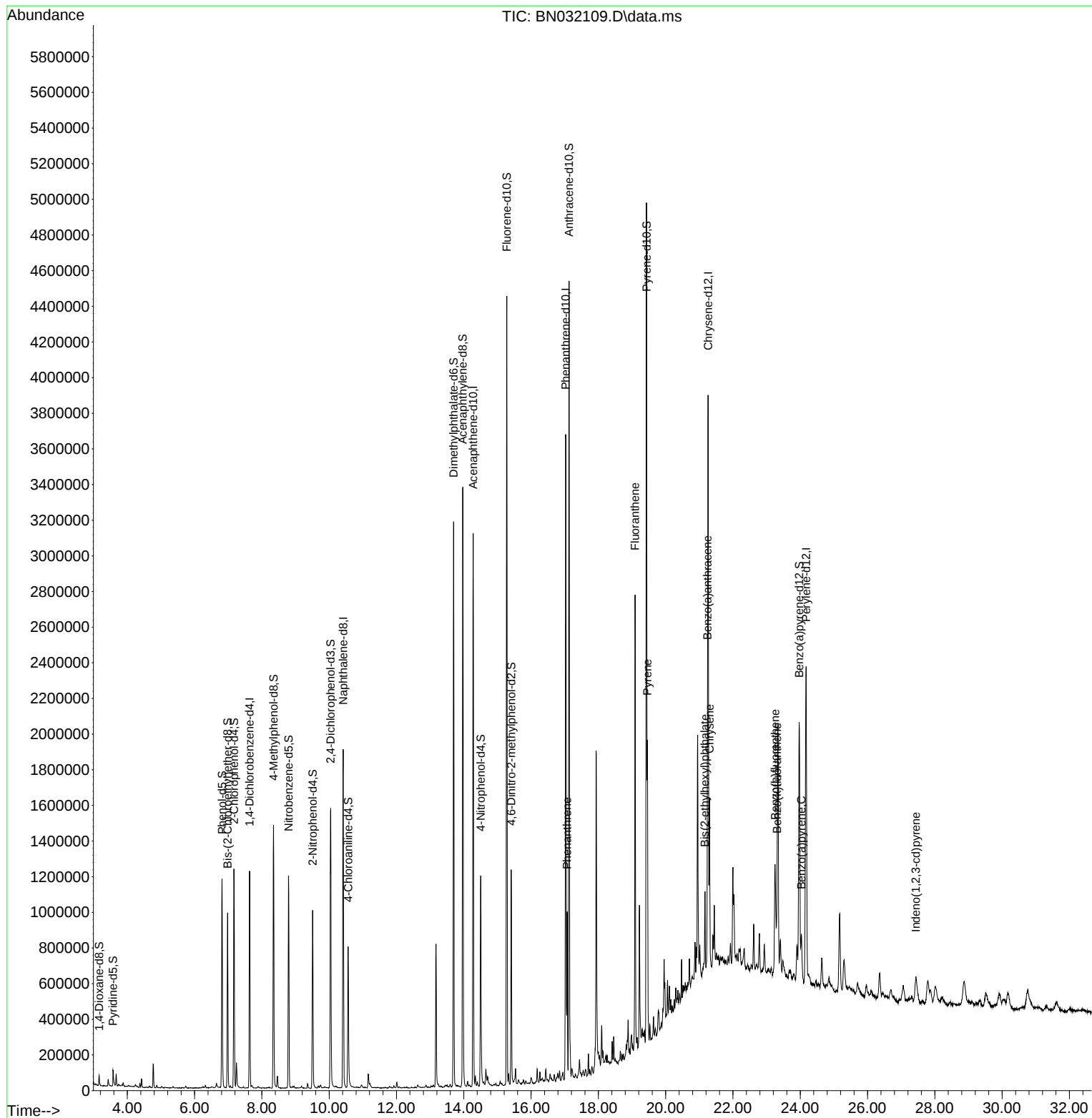
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062024\
Data File : BN032109.D
Acq On : 20 Jun 2024 23:17
Operator : MA/JU
Sample : P2710-08
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ALS Vial : 17 Sample Multiplier: 1

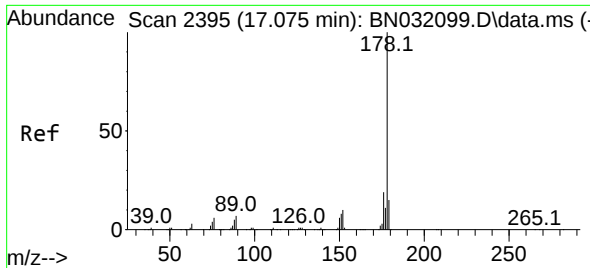
Instrument :
BNA_N
ClientSampleId :
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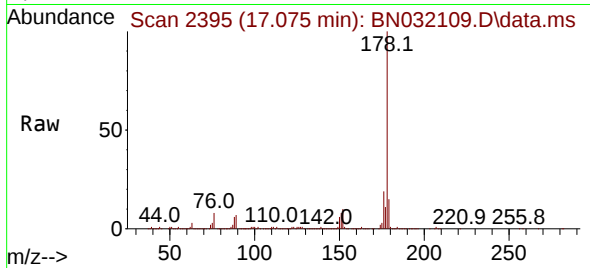
Quant Time: Jun 21 02:30:15 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 20 10:49:40 2024
Response via : Initial Calibration





#72
Phenanthrene
Concen: 5.021 ng/u1
RT: 17.075 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN032109.D
Acq: 20 Jun 2024 23:17

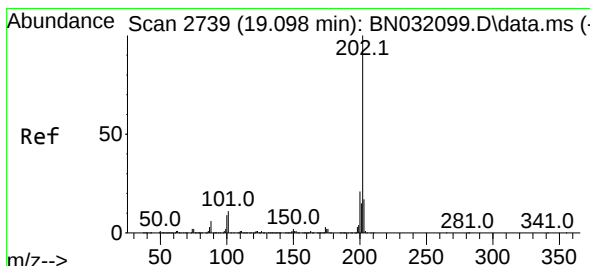
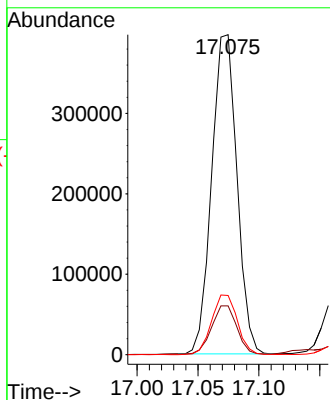
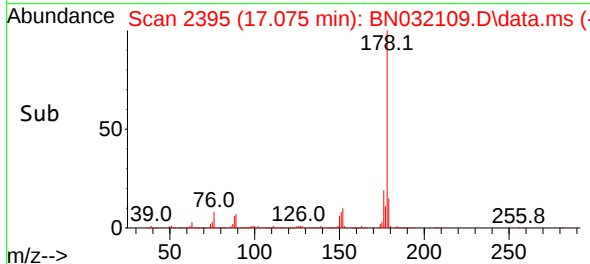
Instrument :
BNA_N
ClientSampleId :
A4BL7



Tgt Ion:178 Resp: 572348
Ion Ratio Lower Upper
178 100
179 15.2 12.6 19.0
176 18.5 15.8 23.6

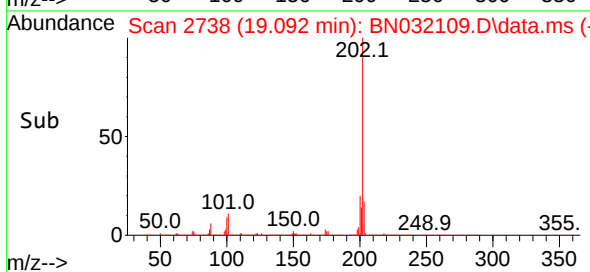
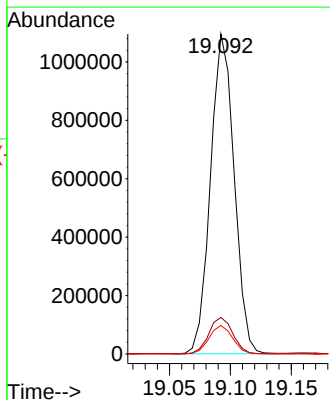
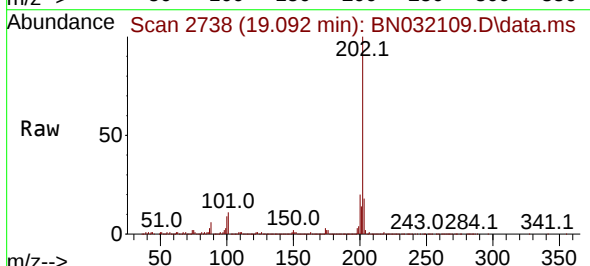
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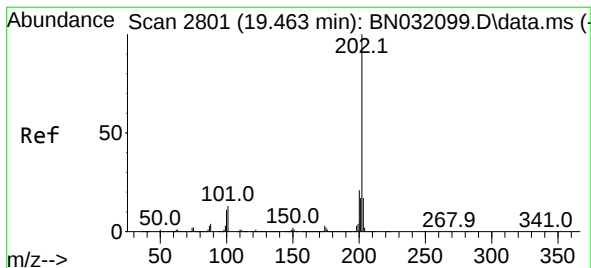
Reviewed By :Jagrut Upadhyay 06/21/2024
Supervised By :mohammad ahmed 06/21/2024



#80
Fluoranthene
Concen: 14.992 ng/u1
RT: 19.092 min Scan# 2738
Delta R.T. -0.006 min
Lab File: BN032109.D
Acq: 20 Jun 2024 23:17

Tgt Ion:202 Resp: 1481703
Ion Ratio Lower Upper
202 100
101 11.4 10.3 15.5
100 8.9 8.0 12.0





#82

Pyrene

Concen: 9.685 ng/ul

RT: 19.457 min Scan# 21

Delta R.T. -0.006 min

Lab File: BN032109.D

Acq: 20 Jun 2024 23:17

Instrument :

BNA_N

ClientSampleId :

A4BL7

Tgt Ion:202 Resp: 982118

Ion Ratio Lower Upper

202 100

101 13.5 12.6 18.8

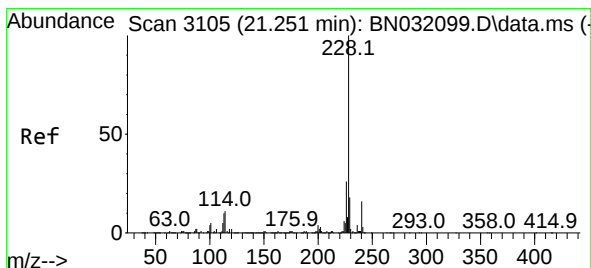
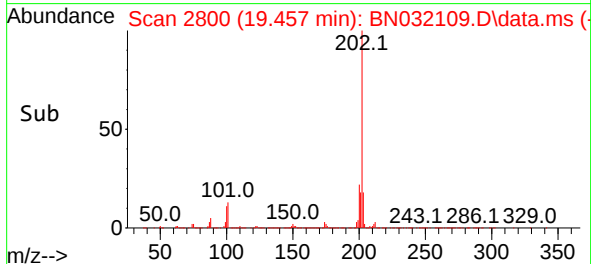
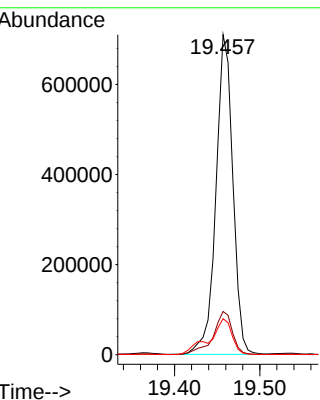
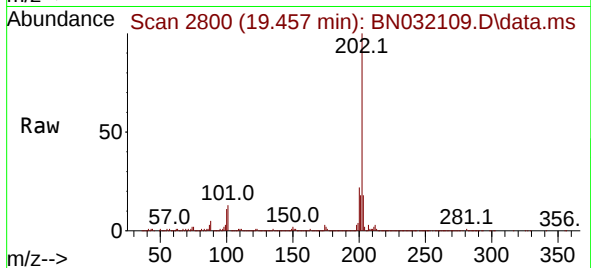
100 11.2 10.2 15.2

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#85

Benzo(a)anthracene

Concen: 5.362 ng/ul

RT: 21.245 min Scan# 3104

Delta R.T. -0.006 min

Lab File: BN032109.D

Acq: 20 Jun 2024 23:17

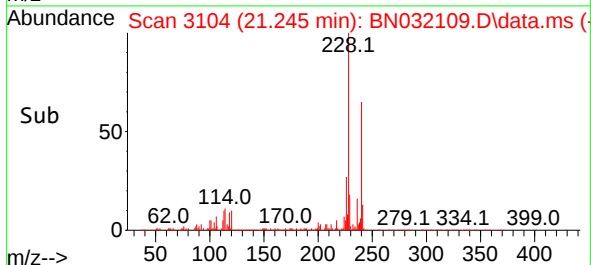
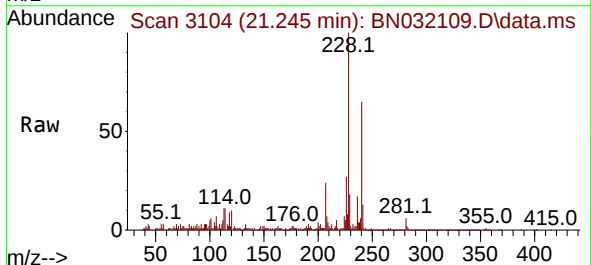
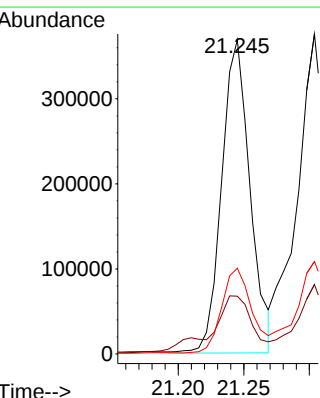
Tgt Ion:228 Resp: 554638

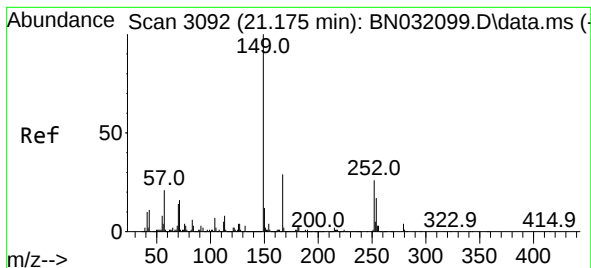
Ion Ratio Lower Upper

228 100

229 18.4 16.7 25.1

226 27.3 22.8 34.2





#86

Bis(2-ethylhexyl)phthalate

Concen: 2.682 ng/ul

RT: 21.169 min Scan# 3091

Delta R.T. -0.006 min

Lab File: BN032109.D

Acq: 20 Jun 2024 23:17

Instrument :

BNA_N

ClientSampleId :

A4BL7

Tgt Ion:149 Resp: 18725

Ion Ratio Lower Upper

149 100

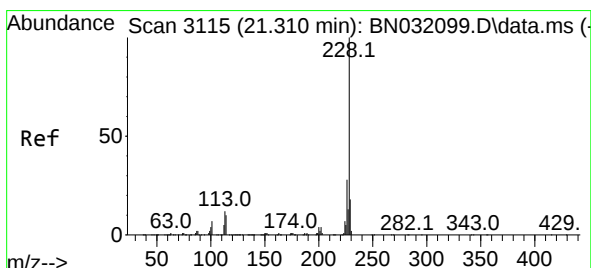
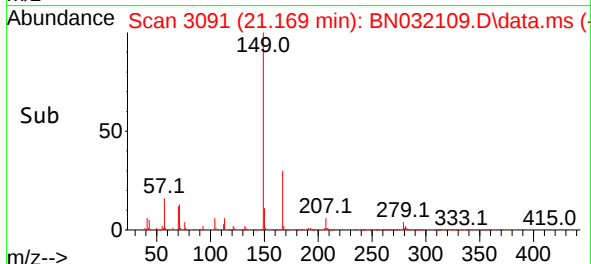
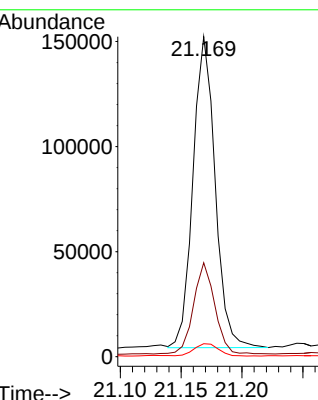
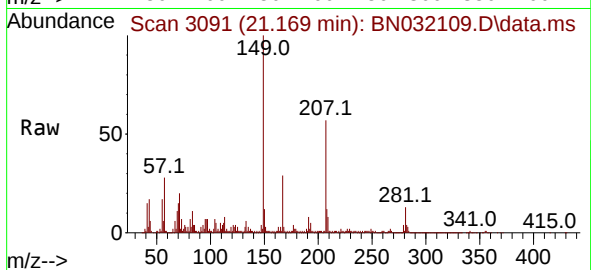
167 29.3 21.4 32.0

279 4.1 3.3 4.9

Manual Integrations

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Supervised By :mohammad ahmed 06/21/2024



#87

Chrysene

Concen: 6.149 ng/ul

RT: 21.304 min Scan# 3114

Delta R.T. -0.006 min

Lab File: BN032109.D

Acq: 20 Jun 2024 23:17

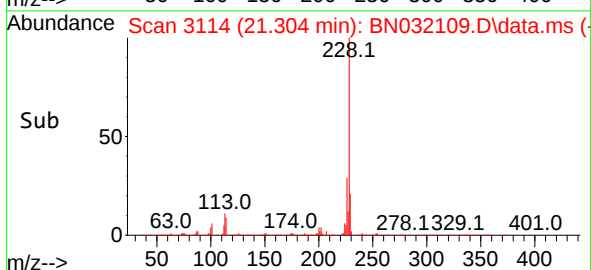
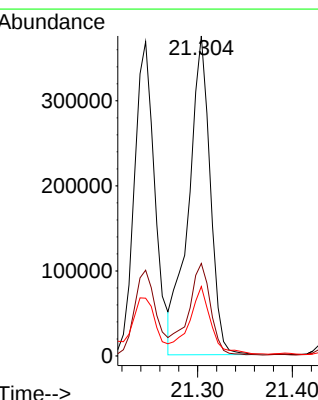
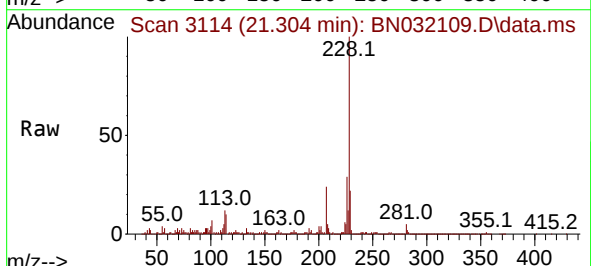
Tgt Ion:228 Resp: 594105

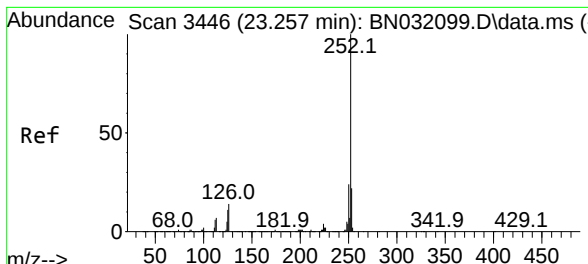
Ion Ratio Lower Upper

228 100

226 28.9 23.7 35.5

229 21.7 15.1 22.7





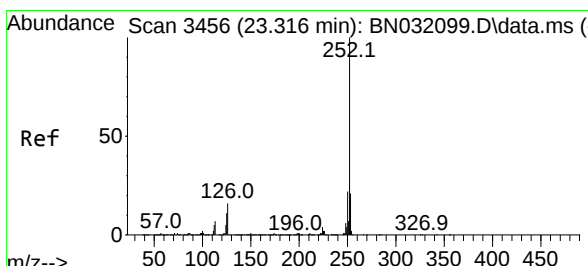
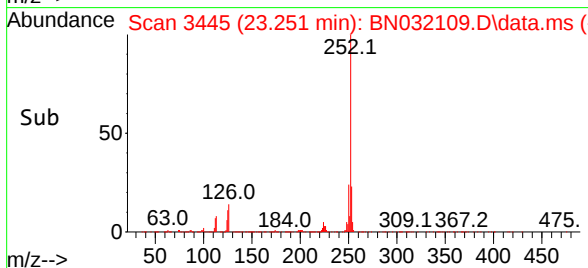
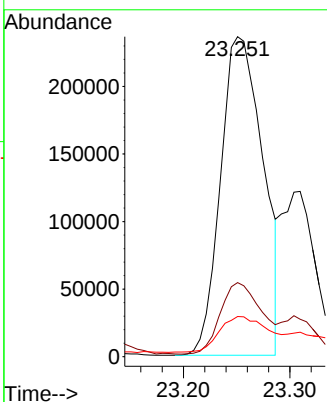
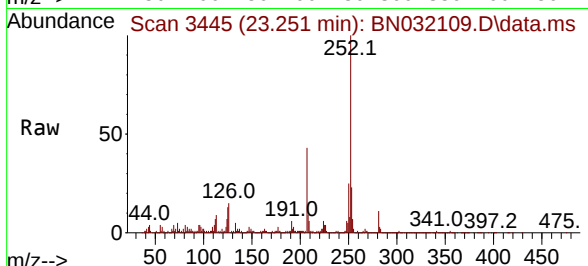
#90
Benzo(b)fluoranthene
Concen: 7.413 ng/ul
RT: 23.251 min Scan# 3445
Delta R.T. -0.012 min
Lab File: BN032109.D
Acq: 20 Jun 2024 23:17

Instrument : BNA_N
ClientSampleId : A4BL7

Tgt Ion:	252	Resp:	652610
Ion Ratio	Lower	Upper	
252	100		
253	23.2	17.0	25.6
125	12.6	9.2	13.8

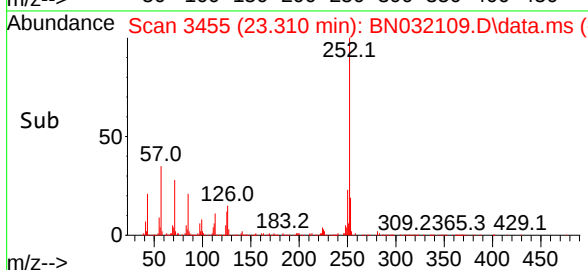
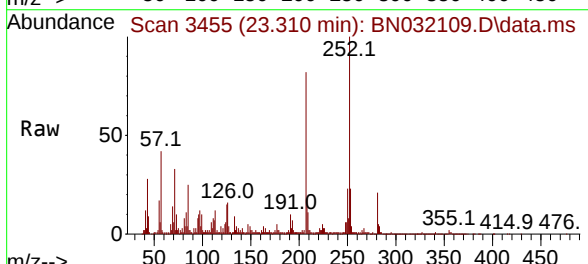
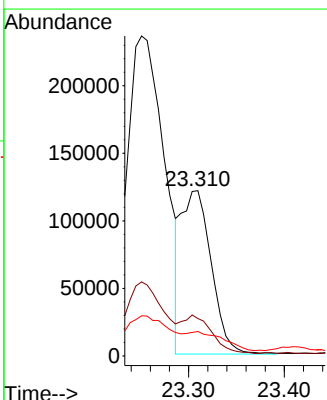
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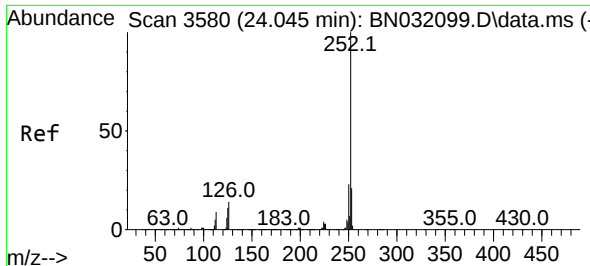
Reviewed By :Jagrut Upadhyay 06/21/2024
Supervised By :mohammad ahmed 06/21/2024



#91
Benzo(k)fluoranthene
Concen: 3.041 ng/ul m
RT: 23.310 min Scan# 3455
Delta R.T. -0.012 min
Lab File: BN032109.D
Acq: 20 Jun 2024 23:17

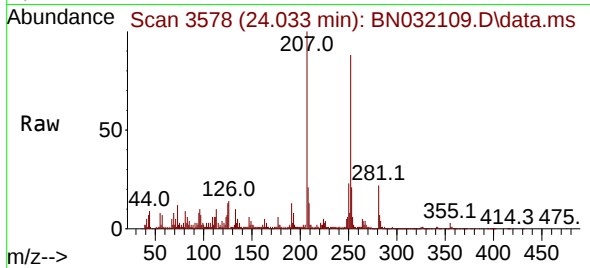
Tgt Ion:	252	Resp:	262681
Ion Ratio	Lower	Upper	
252	100		
253	22.6	17.6	26.4
125	14.8	9.4	14.2





#93
Benzo(a)pyrene
Concen: 2.732 ng/ul
RT: 24.033 min Scan# 3578
Delta R.T. -0.006 min
Lab File: BN032109.D
Acq: 20 Jun 2024 23:17

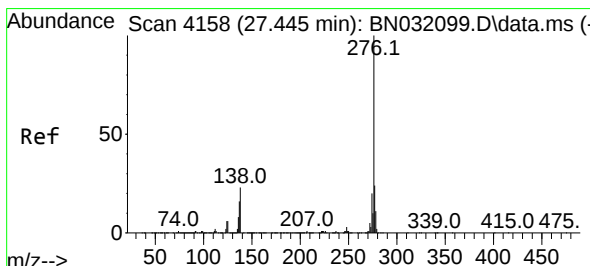
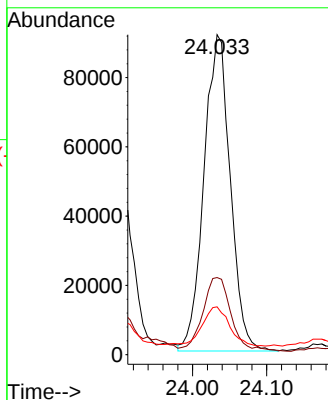
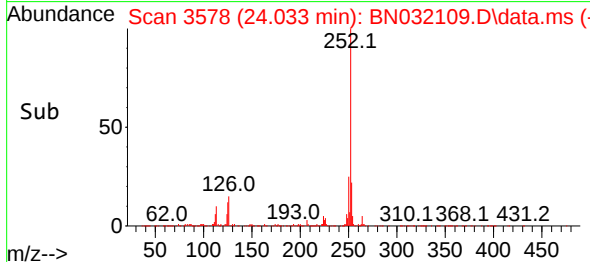
Instrument :
BNA_N
ClientSampleId :
A4BL7



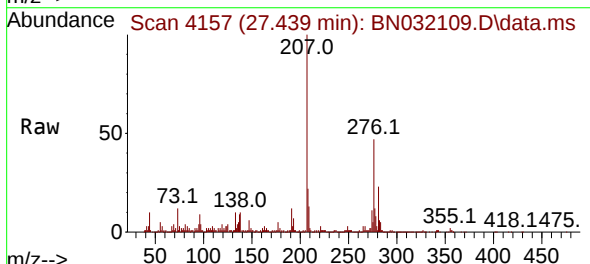
Tgt Ion:252 Resp: 225219
Ion Ratio Lower Upper
252 100
253 24.1 16.6 24.8
125 14.9 9.8 14.8

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Supervised By :mohammad ahmed 06/21/2024



#94
Indeno(1,2,3-cd)pyrene
Concen: 2.123 ng/ul
RT: 27.439 min Scan# 4157
Delta R.T. -0.006 min
Lab File: BN032109.D
Acq: 20 Jun 2024 23:17



Tgt Ion:276 Resp: 201722
Ion Ratio Lower Upper
276 100
138 20.4 18.1 27.1
277 25.8 18.2 27.2

