

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060624\
 Data File : BN031832.D
 Acq On : 06 Jun 2024 23:50
 Operator : MA/JU
 Sample : P2647-20
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BHBT4

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 06/07/2024
 Supervised By :mohammad ahmed 06/08/2024

Quant Time: Jun 07 00:44:22 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 29 15:13:07 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.669	152	423221	20.000	ng/u1	-0.02
20) Naphthalene-d8	10.451	136	1745861	20.000	ng/u1	-0.02
38) Acenaphthene-d10	14.316	164	1065586	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.063	188	2107628	20.000	ng/u1	0.00
79) Chrysene-d12	21.298	240	1287644	20.000	ng/u1	0.00
88) Perylene-d12	24.233	264	1433674	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.187	96	44288	4.329	ng/uL	0.00
4) Pyridine-d5	3.593	84	426238	14.801	ng/u1	0.00
7) Phenol-d5	6.846	99	918076	25.304	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.010	67	501317	23.622	ng/u1	-0.02
11) 2-Chlorophenol-d4	7.205	132	724571	26.173	ng/u1	-0.01
15) 4-Methylphenol-d8	8.375	113	704041	23.805	ng/u1	-0.01
21) Nitrobenzene-d5	8.828	128	355268	26.614	ng/u1	-0.01
24) 2-Nitrophenol-d4	9.546	143	378995	27.485	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.081	165	652830	25.360	ng/u1	0.00
31) 4-Chloroaniline-d4	10.599	131	810477	21.205	ng/u1	-0.01
46) Dimethylphthalate-d6	13.728	166	1803105	24.289	ng/u1	-0.02
49) Acenaphthylene-d8	14.010	160	2202731	25.805	ng/u1	0.00
54) 4-Nitrophenol-d4	14.528	143	343899	23.137	ng/u1	0.00
60) Fluorene-d10	15.310	176	1658184	26.399	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.439	200	186475	17.602	ng/u1	0.00
73) Anthracene-d10	17.163	188	2361416	26.170	ng/u1	0.00
81) Pyrene-d10	19.463	212	2254548	32.720	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.033	264	1754722	25.632	ng/u1	0.00
Target Compounds					Qvalue	
72) Phenanthrene	17.104	178	228334	2.127	ng/u1	99
80) Fluoranthene	19.128	202	405974	4.930	ng/u1	100
82) Pyrene	19.492	202	392995	4.651	ng/u1	97
85) Benzo(a)anthracene	21.280	228	157129	1.823	ng/u1	92
86) Bis(2-ethylhexyl)phtha...	21.210	149	64819	1.114	ng/u1	100
87) Chrysene	21.339	228	181372	2.253	ng/u1#	94
90) Benzo(b)fluoranthene	23.304	252	234192	2.733	ng/u1#	95
93) Benzo(a)pyrene	24.098	252	158795	1.979	ng/u1#	93
94) Indeno(1,2,3-cd)pyrene	27.539	276	119669m	1.294	ng/u1	
96) Benzo(g,h,i)perylene	28.574	276	120498m	1.639	ng/u1	

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

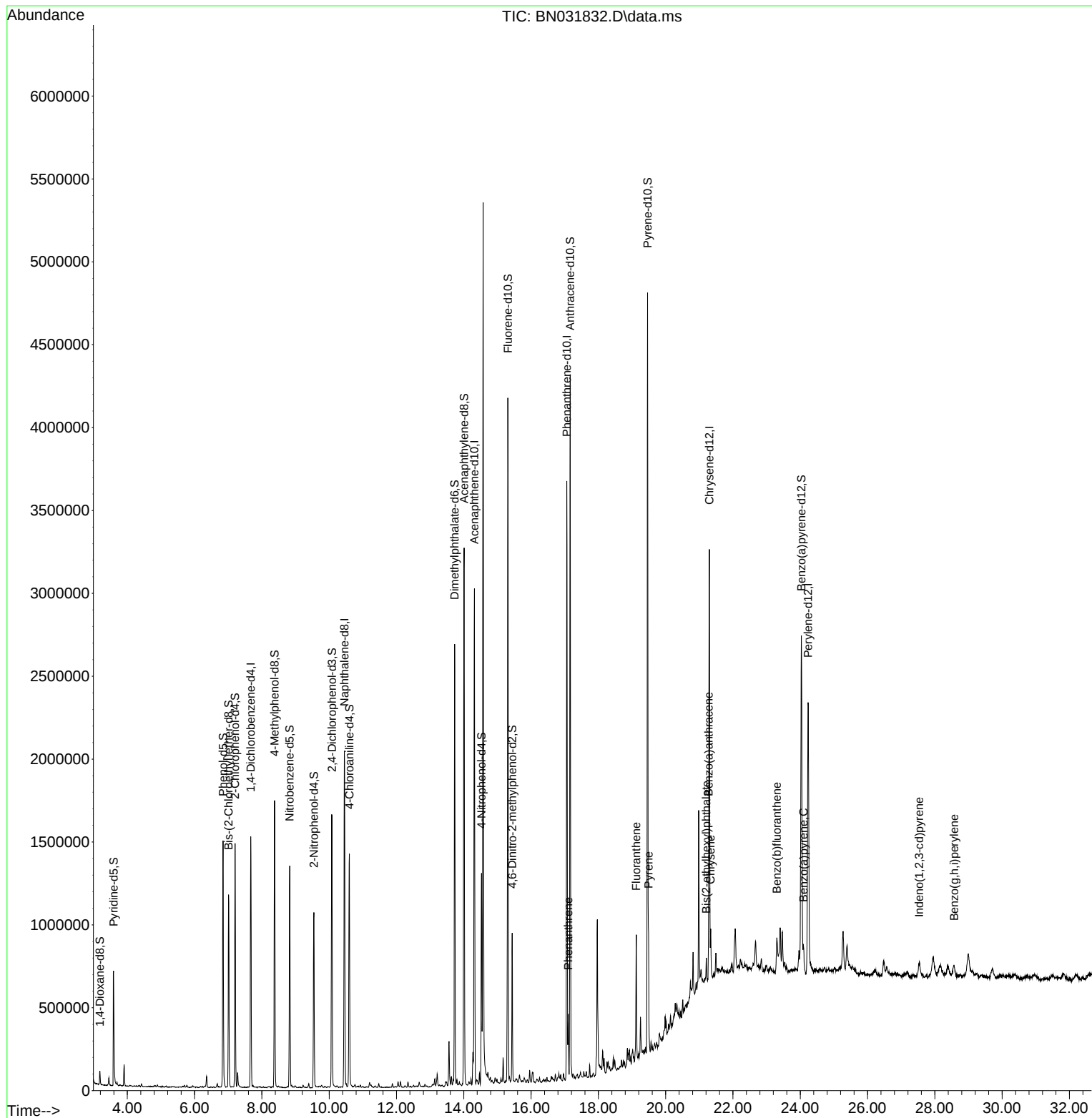
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060624\
Data File : BN031832.D
Acq On : 06 Jun 2024 23:50
Operator : MA/JU
Sample : P2647-20
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ALS Vial : 20 Sample Multiplier: 1

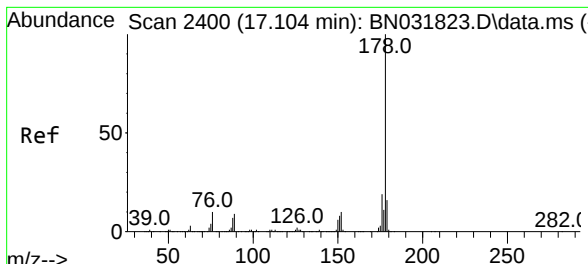
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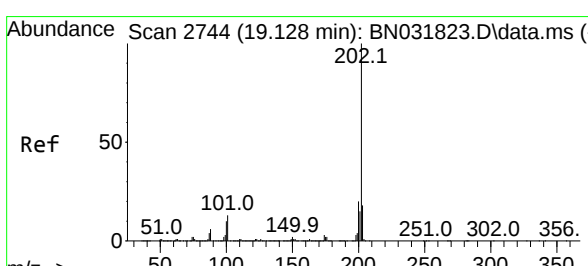
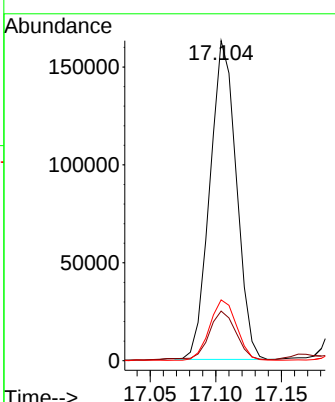
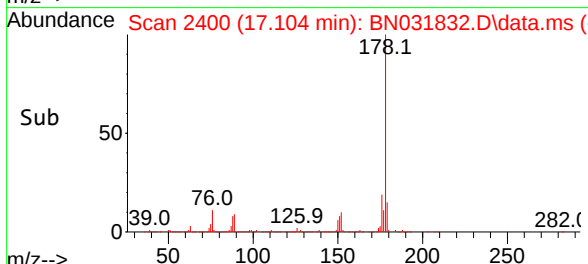
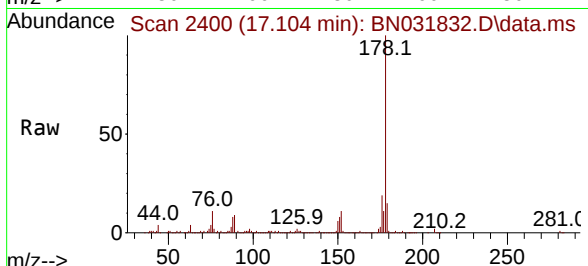
#72
 Phenanthrene
 Concen: 2.127 ng/ul
 RT: 17.104 min Scan# 2400
 Delta R.T. -0.012 min
 Lab File: BN031832.D
 Acq: 06 Jun 2024 23:50

Instrument : BNA_N
 ClientSampleId : BHBT4

Tgt Ion:178 Resp: 228334

Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.6	19.0
176	19.0	15.8	23.6

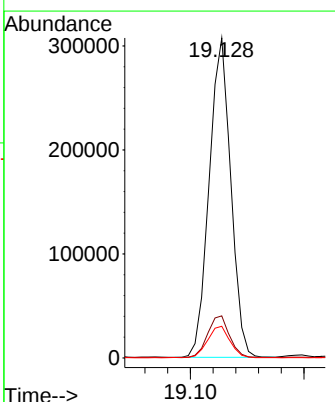
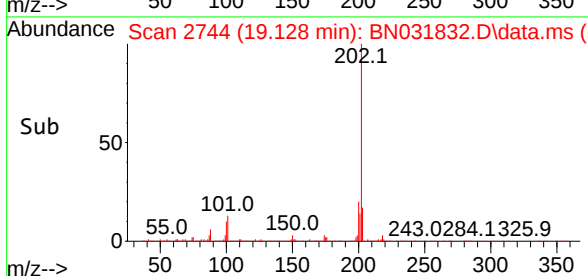
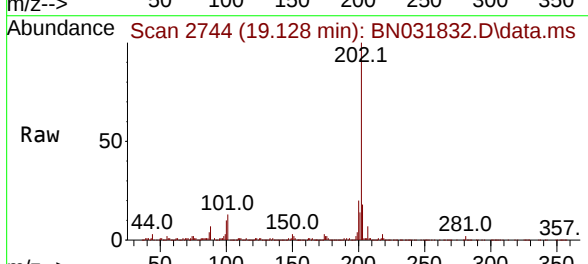
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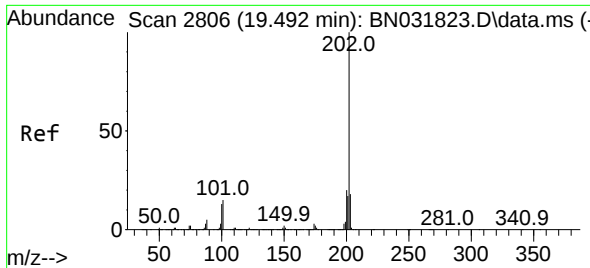


#80
 Fluoranthene
 Concen: 4.930 ng/ul
 RT: 19.128 min Scan# 2744
 Delta R.T. -0.006 min
 Lab File: BN031832.D
 Acq: 06 Jun 2024 23:50

Tgt Ion:202 Resp: 405974

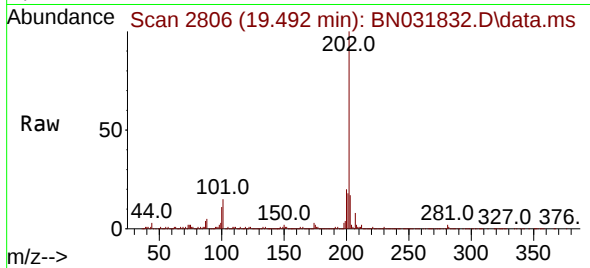
Ion	Ratio	Lower	Upper
202	100		
101	13.1	10.3	15.5
100	9.9	8.0	12.0





#82
 Pyrene
 Concen: 4.651 ng/ul
 RT: 19.492 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BN031832.D
 Acq: 06 Jun 2024 23:50

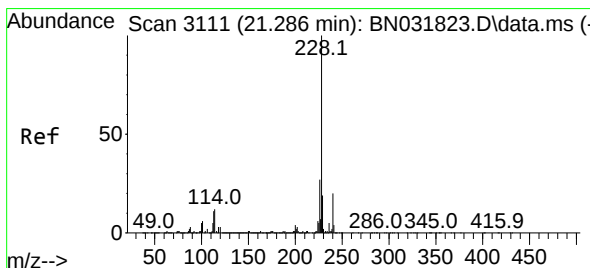
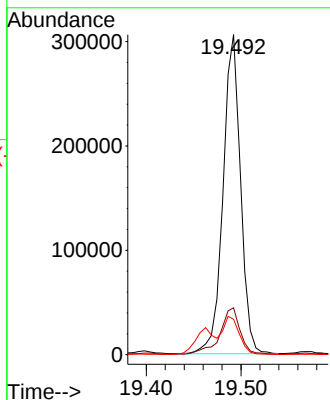
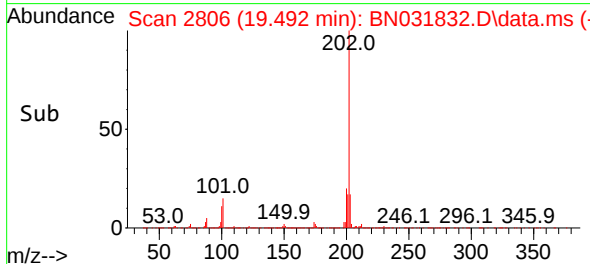
Instrument :
 BNA_N
 ClientSampleId :
 BHBT4



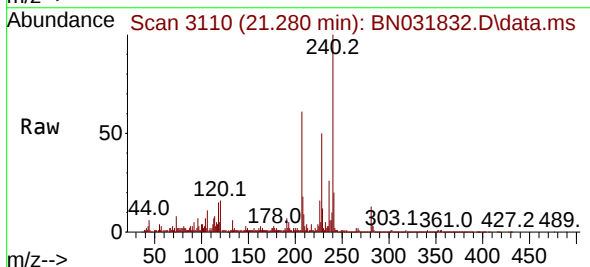
Tgt Ion:202 Resp: 392998
 Ion Ratio Lower Upper
 202 100
 101 14.7 12.6 18.8
 100 11.0 10.2 15.2

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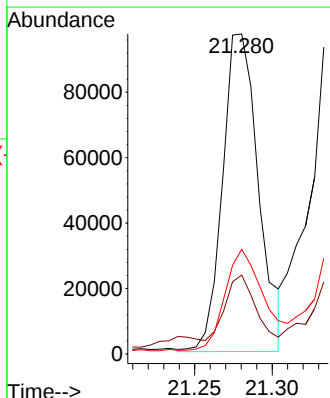
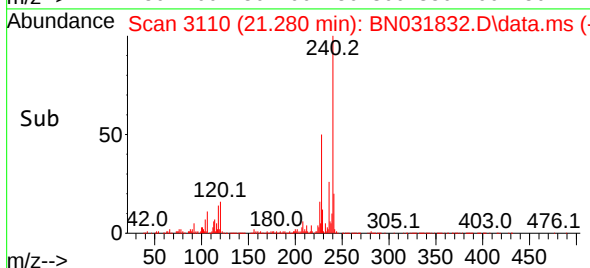
Reviewed By :Jagrut Upadhyay 06/07/2024
 Supervised By :mohammad ahmed 06/08/2024

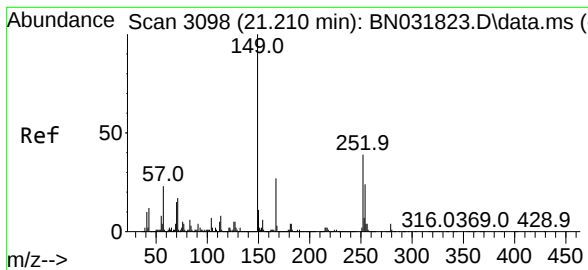


#85
 Benzo(a)anthracene
 Concen: 1.823 ng/ul
 RT: 21.280 min Scan# 3110
 Delta R.T. -0.006 min
 Lab File: BN031832.D
 Acq: 06 Jun 2024 23:50



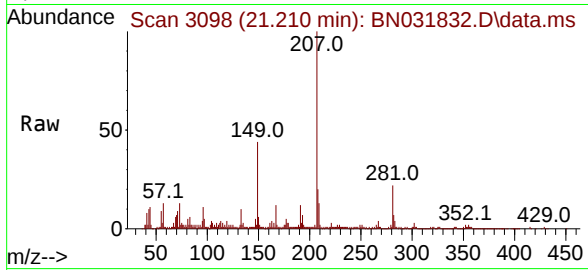
Tgt Ion:228 Resp: 157129
 Ion Ratio Lower Upper
 228 100
 229 24.6 16.7 25.1
 226 32.7 22.8 34.2





#86
Bis(2-ethylhexyl)phthalate
Concen: 1.114 ng/ul
RT: 21.210 min Scan# 3098
Delta R.T. -0.012 min
Lab File: BN031832.D
Acq: 06 Jun 2024 23:50

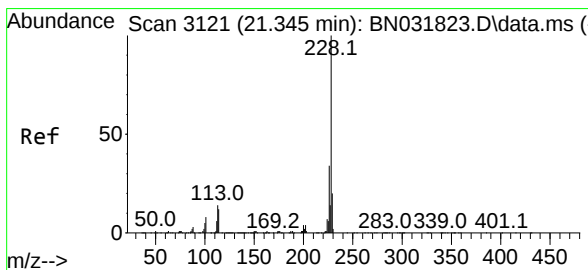
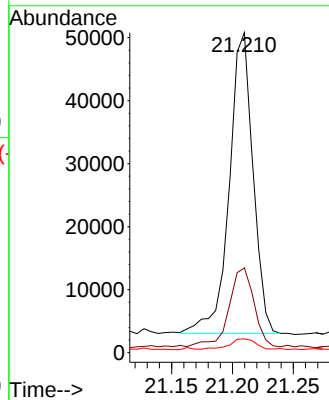
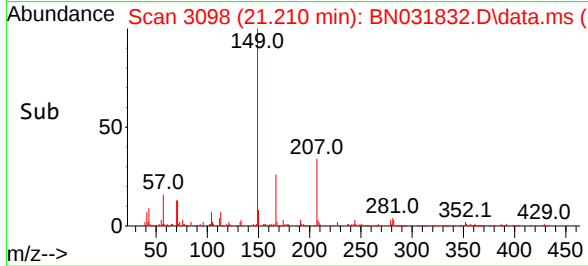
Instrument : BNA_N
ClientSampleId : BHBT4



Tgt Ion:149 Resp: 64819
Ion Ratio Lower Upper
149 100
167 26.5 21.4 32.0
279 4.3 3.3 4.9

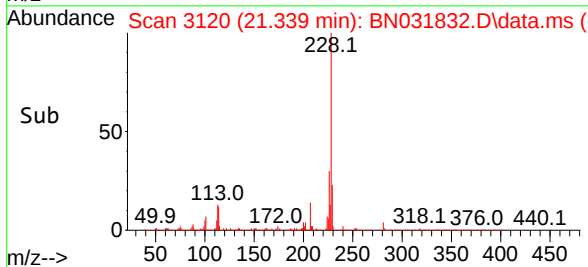
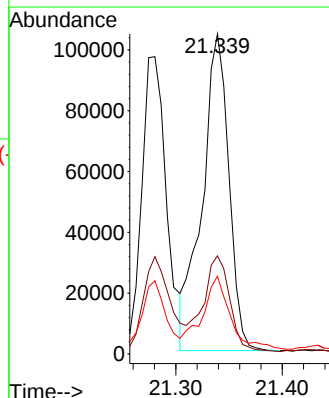
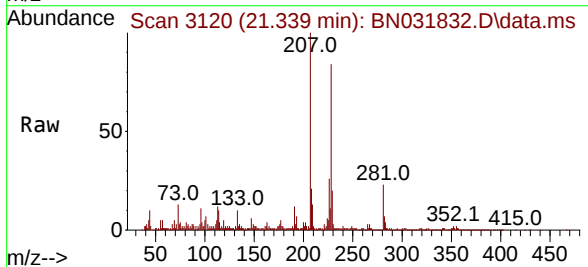
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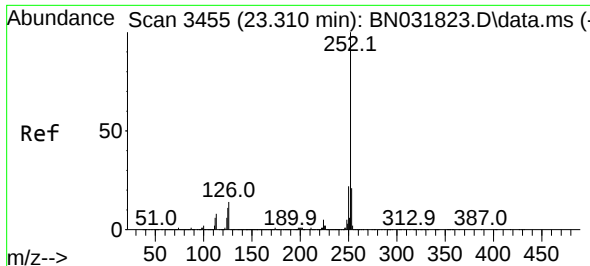
Reviewed By :Jagrut Upadhyay 06/07/2024
Supervised By :mohammad ahmed 06/08/2024



#87
Chrysene
Concen: 2.253 ng/ul
RT: 21.339 min Scan# 3120
Delta R.T. -0.012 min
Lab File: BN031832.D
Acq: 06 Jun 2024 23:50

Tgt Ion:228 Resp: 181372
Ion Ratio Lower Upper
228 100
226 30.7 23.7 35.5
229 24.3 15.1 22.7#





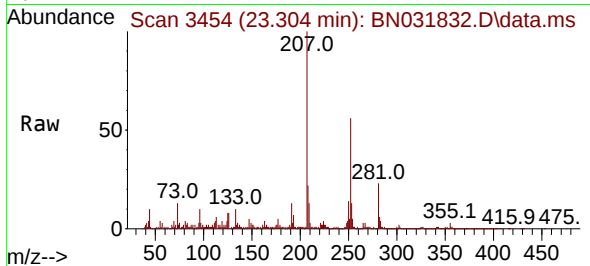
#90
Benzo(b)fluoranthene
Concen: 2.733 ng/u1
RT: 23.304 min Scan# 3455
Delta R.T. -0.006 min
Lab File: BN031832.D
Acq: 06 Jun 2024 23:50

Instrument :

BNA_N

ClientSampleId :

BHBT4

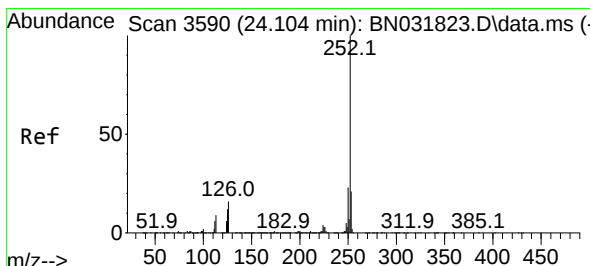
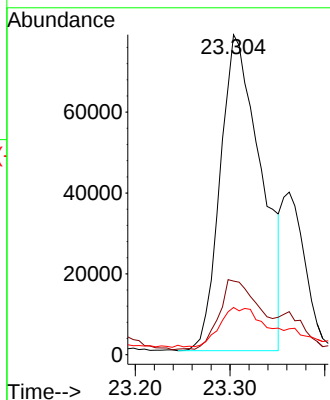
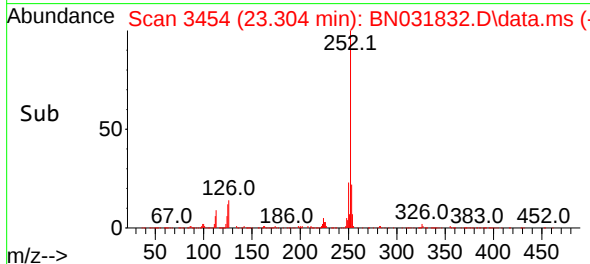


Tgt Ion:252 Resp: 234192
Ion Ratio Lower Upper
252 100
253 23.0 17.0 25.6
125 14.8 9.2 13.8

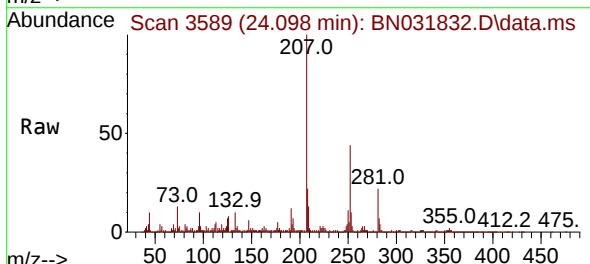
Manual Integrations

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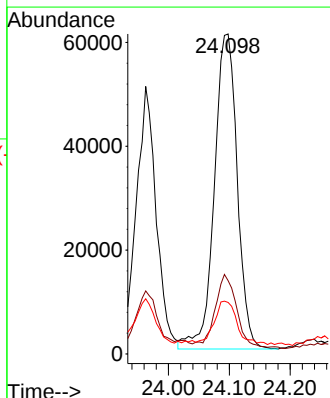
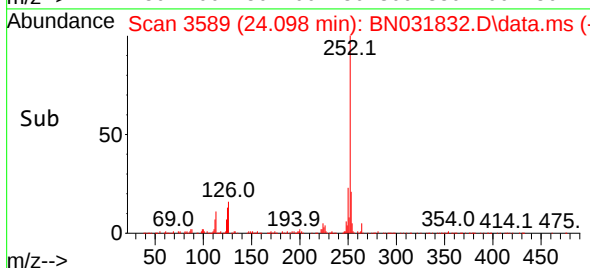
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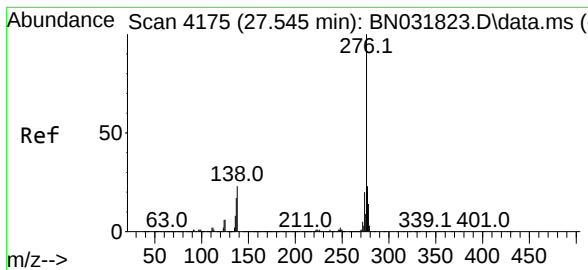


#93
Benzo(a)pyrene
Concen: 1.979 ng/u1
RT: 24.098 min Scan# 3589
Delta R.T. -0.006 min
Lab File: BN031832.D
Acq: 06 Jun 2024 23:50



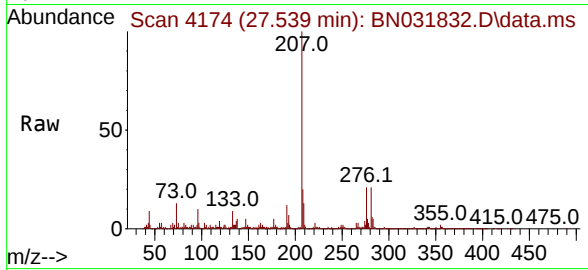
Tgt Ion:252 Resp: 158795
Ion Ratio Lower Upper
252 100
253 22.9 16.6 24.8
125 16.1 9.8 14.8





#94
Indeno(1,2,3-cd)pyrene
Concen: 1.294 ng/ul m
RT: 27.539 min Scan# 4175
Delta R.T. 0.006 min
Lab File: BN031832.D
Acq: 06 Jun 2024 23:50

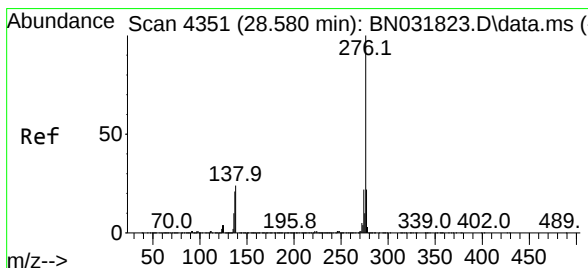
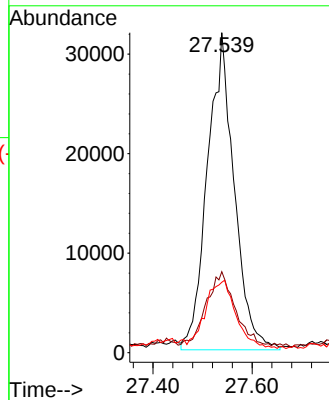
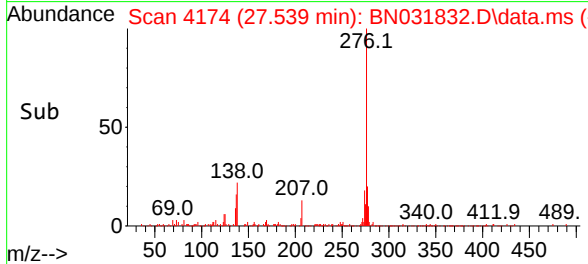
Instrument :
BNA_N
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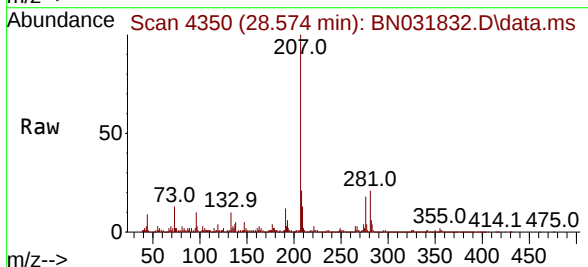
Tgt Ion:276 Resp: 119669
Ion Ratio Lower Upper
276 100
138 25.3 18.1 27.1
277 22.0 18.2 27.2

Manual Integrations
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#96
Benzo(g,h,i)perylene
Concen: 1.639 ng/ul m
RT: 28.574 min Scan# 4350
Delta R.T. 0.006 min
Lab File: BN031832.D
Acq: 06 Jun 2024 23:50



Tgt Ion:276 Resp: 120498
Ion Ratio Lower Upper
276 100
138 26.9 20.9 31.3
277 23.8 18.0 27.0

