

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060624\
 Data File : BN031830.D
 Acq On : 06 Jun 2024 22:31
 Operator : MA/JU
 Sample : P2647-16
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BHBT0

Manual Integrations
 APPROVED

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

Quant Time: Jun 07 00:06:08 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	399146	20.000	ng/u1	-0.02
20) Naphthalene-d8	10.457	136	1642806	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.316	164	975730	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.063	188	1958786	20.000	ng/u1	0.00
79) Chrysene-d12	21.298	240	1227899	20.000	ng/u1	0.00
88) Perylene-d12	24.239	264	1356636	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.187	96	45270	4.692	ng/uL	0.00
4) Pyridine-d5	3.587	84	597890	22.014	ng/u1	-0.01
7) Phenol-d5	6.846	99	918491	26.842	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.010	67	505079	25.235	ng/u1	-0.02
11) 2-Chlorophenol-d4	7.205	132	721186	27.622	ng/u1	-0.01
15) 4-Methylphenol-d8	8.375	113	687482	24.647	ng/u1	-0.01
21) Nitrobenzene-d5	8.828	128	357744	28.481	ng/u1	-0.01
24) 2-Nitrophenol-d4	9.546	143	378996	29.209	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.081	165	652726	26.946	ng/u1	0.00
31) 4-Chloroaniline-d4	10.598	131	865258	24.058	ng/u1	-0.01
46) Dimethylphthalate-d6	13.734	166	1834980	26.995	ng/u1	-0.01
49) Acenaphthylene-d8	14.010	160	2268530	29.024	ng/u1	0.00
54) 4-Nitrophenol-d4	14.528	143	353236	25.954	ng/u1	0.00
60) Fluorene-d10	15.310	176	1591572	27.672	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.439	200	175828	17.858	ng/u1	0.00
73) Anthracene-d10	17.163	188	2395866	28.570	ng/u1	0.00
81) Pyrene-d10	19.463	212	2386344	36.318	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.033	264	1784267	27.544	ng/u1	0.00
Target Compounds					Qvalue	
37) 1-Methylnaphthalene	12.345	142	63151	1.083	ng/u1	99
72) Phenanthrene	17.110	178	337642	3.384	ng/u1	99
80) Fluoranthene	19.127	202	485089	6.177	ng/u1	100
82) Pyrene	19.492	202	446212	5.538	ng/u1	98
85) Benzo(a)anthracene	21.280	228	183518	2.233	ng/u1	97
86) Bis(2-ethylhexyl)phtha...	21.210	149	519302	9.362	ng/u1	99
87) Chrysene	21.339	228	214005m	2.788	ng/u1	
90) Benzo(b)fluoranthene	23.304	252	254833	3.143	ng/u1#	96
93) Benzo(a)pyrene	24.098	252	170881	2.250	ng/u1#	93
94) Indeno(1,2,3-cd)pyrene	27.533	276	131838m	1.506	ng/u1	
96) Benzo(g,h,i)perylene	28.574	276	131968m	1.897	ng/u1	

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

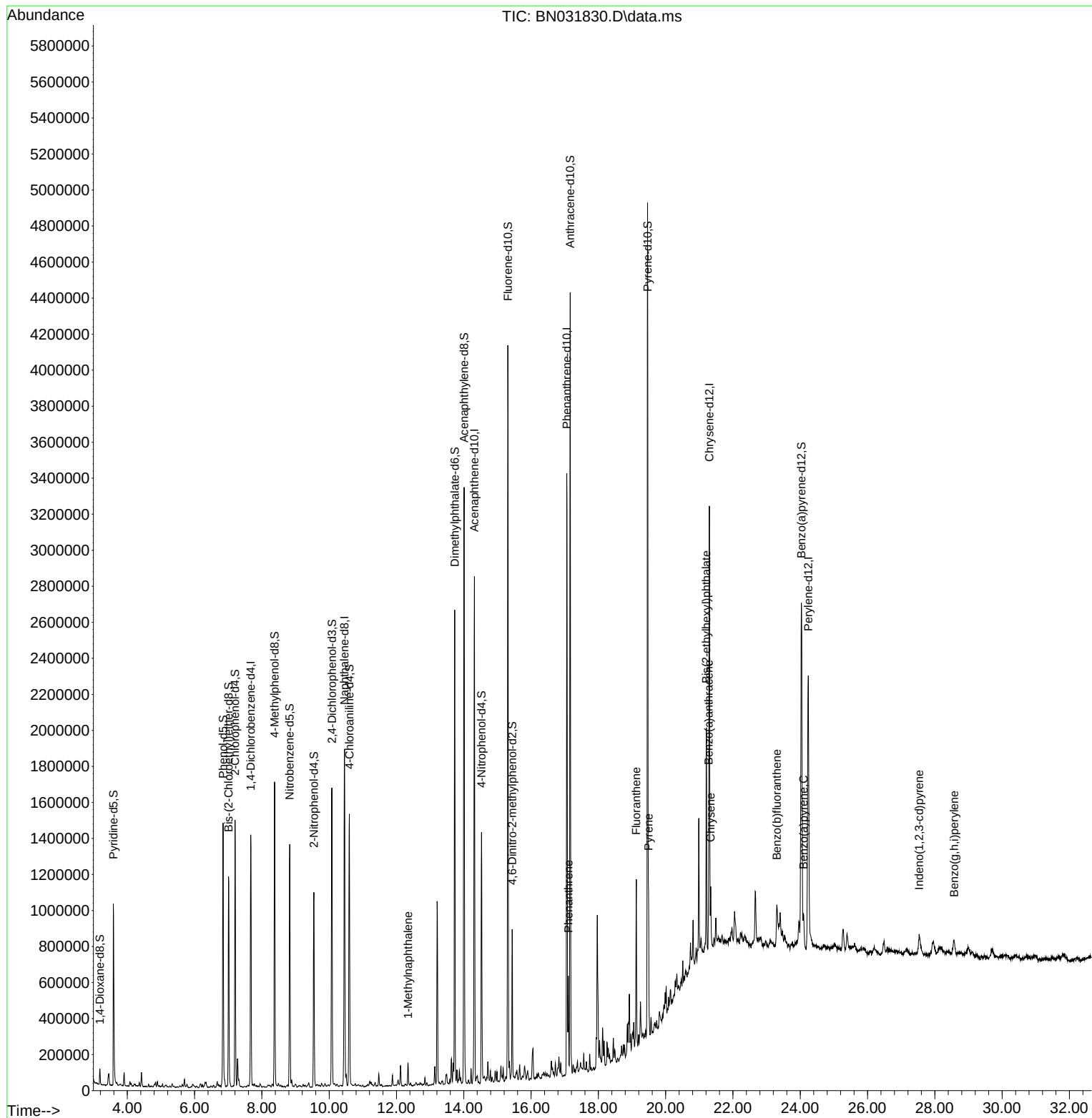
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060624\
 Data File : BN031830.D
 Acq On : 06 Jun 2024 22:31
 Operator : MA/JU
 Sample : P2647-16
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 ALS Vial : 18 Sample Multiplier: 1

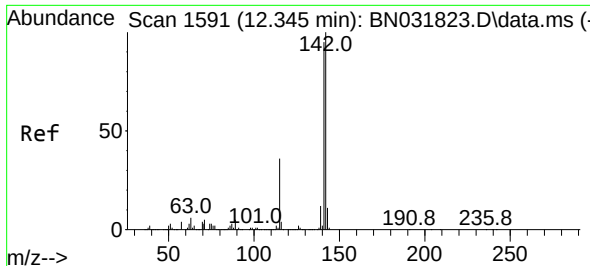
Instrument :
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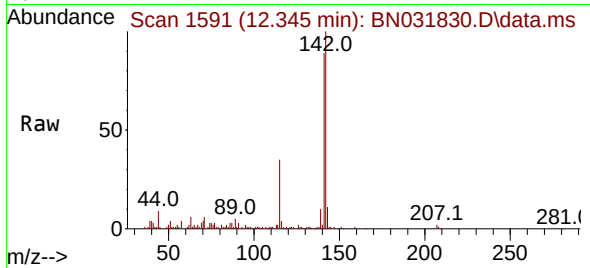
Quant Time: Jun 07 00:06:08 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
 Quant Title : SVOA CALIBRATION
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#37
1-Methylnaphthalene
Concen: 1.083 ng/ul
RT: 12.345 min Scan# 11
Delta R.T. -0.012 min
Lab File: BN031830.D
Acq: 06 Jun 2024 22:31

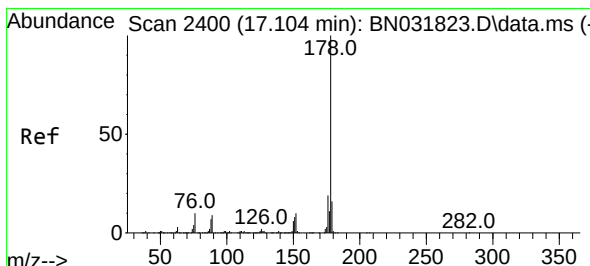
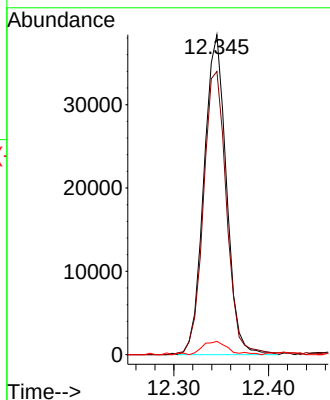
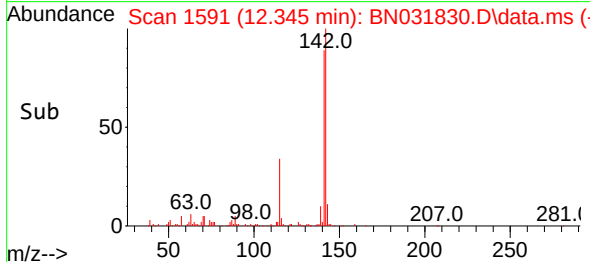
Instrument :
BNA_N
ClientSampleId :
BHBT0



Tgt Ion:142 Resp: 6315
Ion Ratio Lower Upper
142 100
141 88.5 71.7 107.5
116 4.2 3.0 4.4

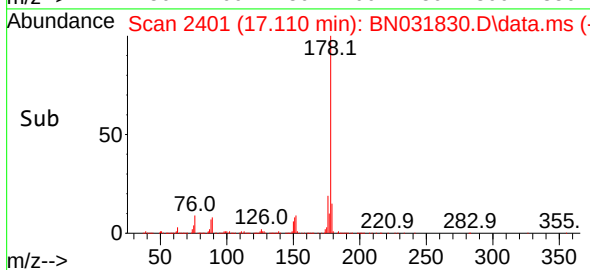
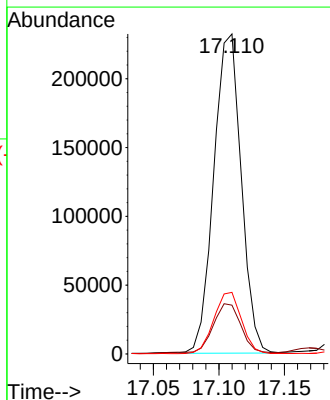
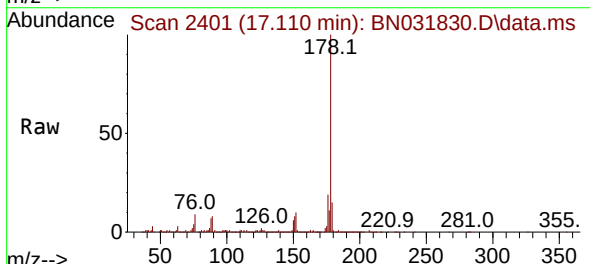
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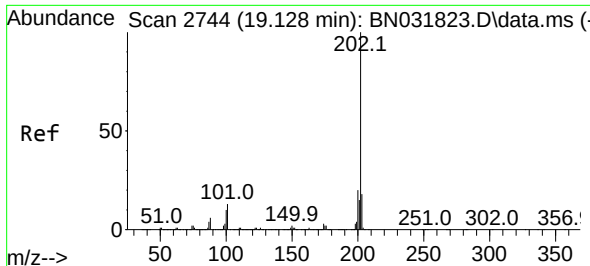
Reviewed By :Jagrut Upadhyay 06/07/2024
Supervised By :mohammad ahmed 06/08/2024



#72
Phenanthrene
Concen: 3.384 ng/ul
RT: 17.110 min Scan# 2401
Delta R.T. -0.006 min
Lab File: BN031830.D
Acq: 06 Jun 2024 22:31

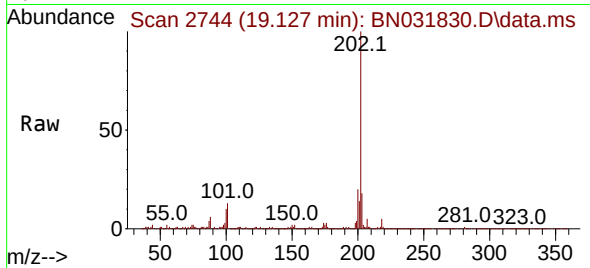
Tgt Ion:178 Resp: 337642
Ion Ratio Lower Upper
178 100
179 15.2 12.6 19.0
176 19.3 15.8 23.6





#80
Fluoranthene
Concen: 6.177 ng/u1
RT: 19.127 min Scan# 21
Delta R.T. -0.006 min
Lab File: BN031830.D
Acq: 06 Jun 2024 22:31

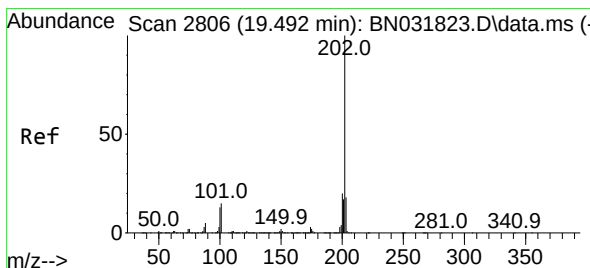
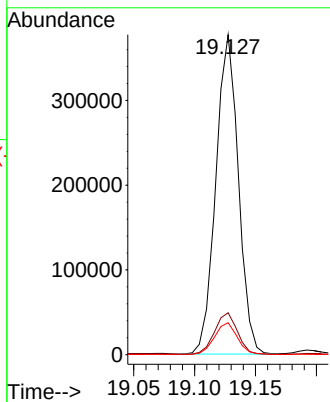
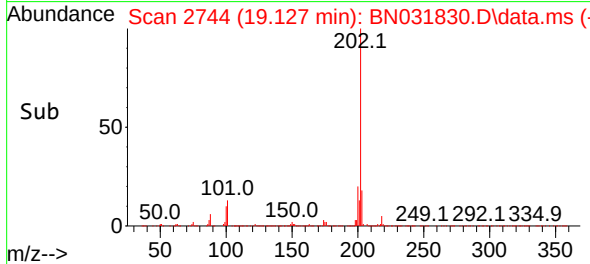
Instrument :
BNA_N
ClientSampleId :
BHBT0



Tgt Ion:202 Resp: 485089
Ion Ratio Lower Upper
202 100
101 13.1 10.3 15.5
100 10.0 8.0 12.0

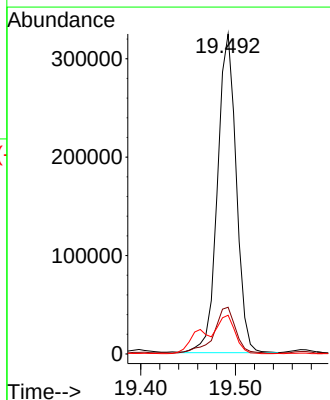
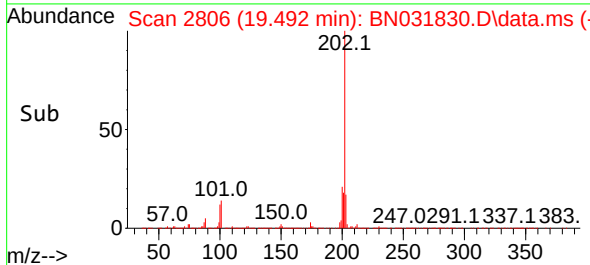
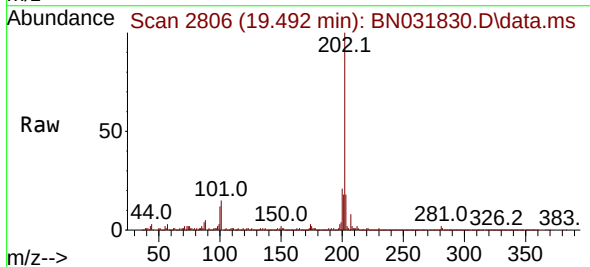
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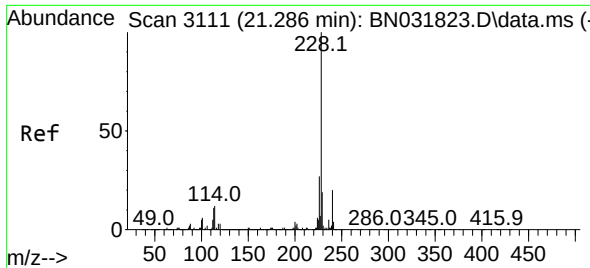
Reviewed By :Jagrut Upadhyay 06/07/2024
Supervised By :mohammad ahmed 06/08/2024



#82
Pyrene
Concen: 5.538 ng/u1
RT: 19.492 min Scan# 2806
Delta R.T. -0.000 min
Lab File: BN031830.D
Acq: 06 Jun 2024 22:31

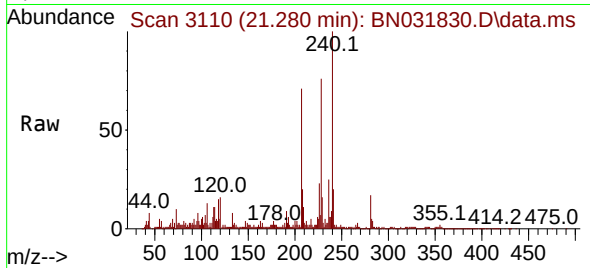
Tgt Ion:202 Resp: 446212
Ion Ratio Lower Upper
202 100
101 14.6 12.6 18.8
100 12.1 10.2 15.2





#85
Benzo(a)anthracene
Concen: 2.233 ng/ul
RT: 21.280 min Scan# 3111
Delta R.T. -0.006 min
Lab File: BN031830.D
Acq: 06 Jun 2024 22:31

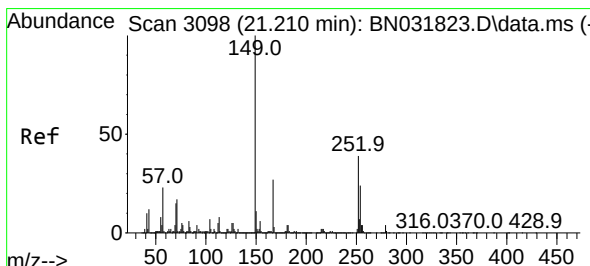
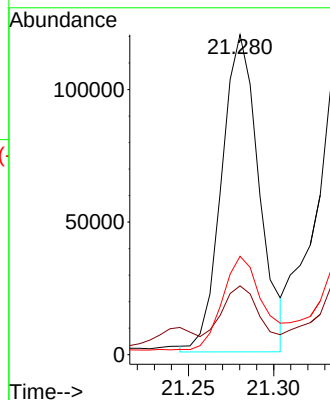
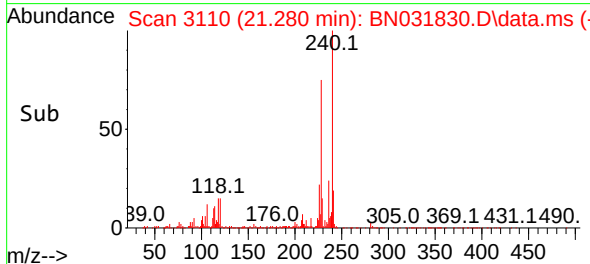
Instrument : BNA_N
ClientSampleId : BHBT0



Tgt Ion:228 Resp: 183518
Ion Ratio Lower Upper
228 100
229 21.5 16.7 25.1
226 30.8 22.8 34.2

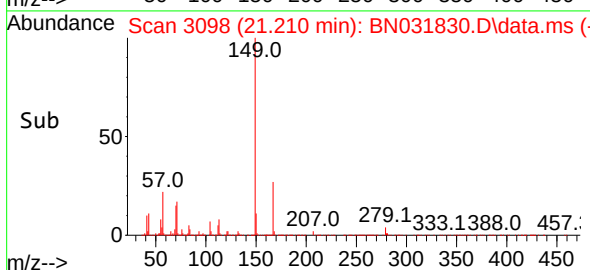
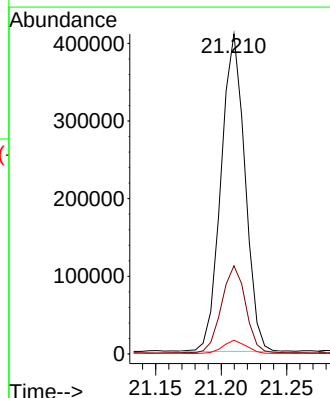
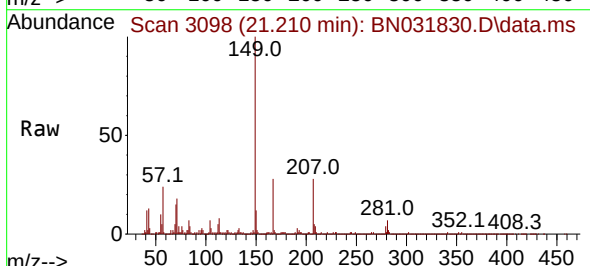
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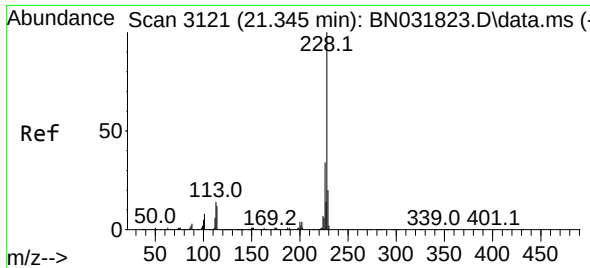
Reviewed By :Jagrut Upadhyay 06/07/2024
Supervised By :mohammad ahmed 06/08/2024



#86
Bis(2-ethylhexyl)phthalate
Concen: 9.362 ng/ul
RT: 21.210 min Scan# 3098
Delta R.T. -0.012 min
Lab File: BN031830.D
Acq: 06 Jun 2024 22:31

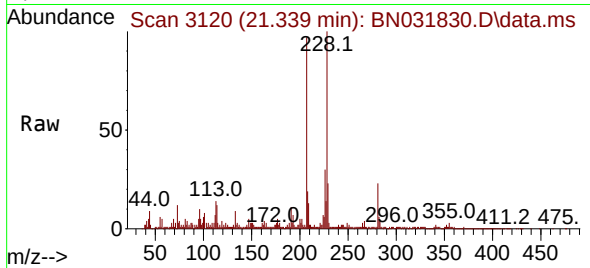
Tgt Ion:149 Resp: 519302
Ion Ratio Lower Upper
149 100
167 27.5 21.4 32.0
279 4.3 3.3 4.9





#87
Chrysene
Concen: 2.788 ng/ul m
RT: 21.339 min Scan# 3121
Delta R.T. -0.012 min
Lab File: BN031830.D
Acq: 06 Jun 2024 22:31

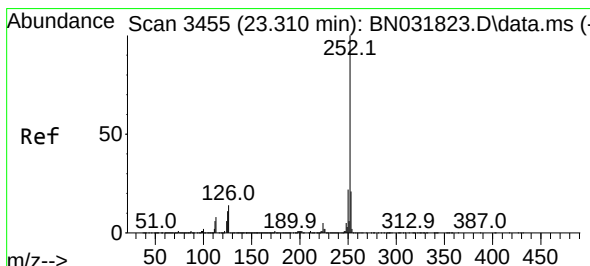
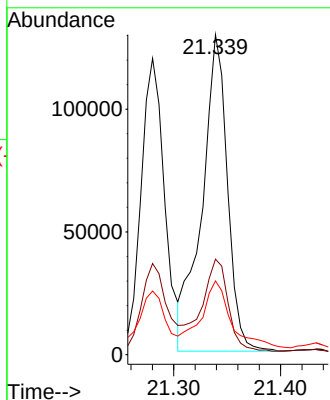
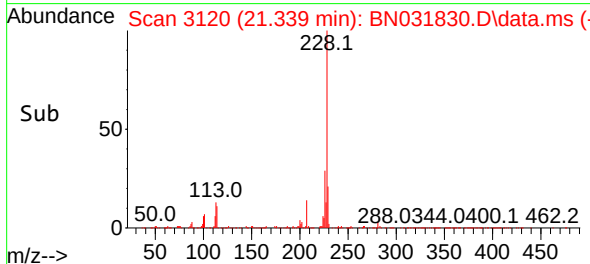
Instrument :
BNA_N
ClientSampleId :
BHBT0



Tgt Ion:228 Resp: 214000
Ion Ratio Lower Upper
228 100
226 29.8 23.7 35.5
229 23.1 15.1 22.7

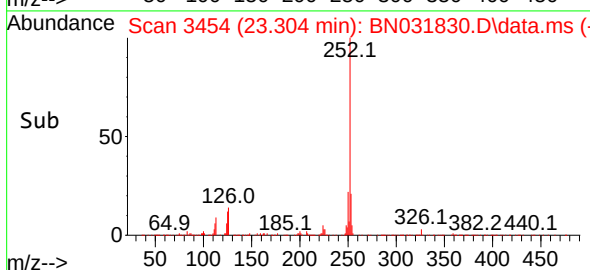
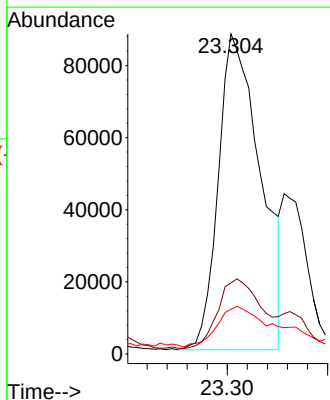
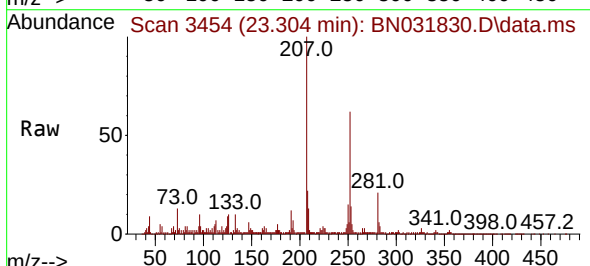
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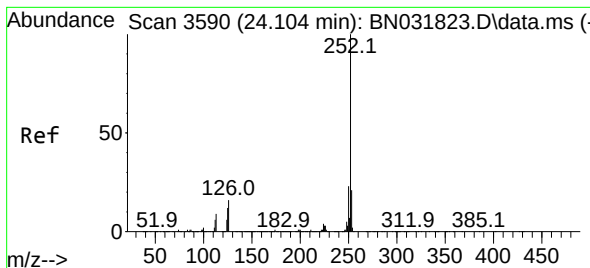
Reviewed By :Jagrut Upadhyay 06/07/2024
Supervised By :mohammad ahmed 06/08/2024



#90
Benzo(b)fluoranthene
Concen: 3.143 ng/ul
RT: 23.304 min Scan# 3454
Delta R.T. -0.006 min
Lab File: BN031830.D
Acq: 06 Jun 2024 22:31

Tgt Ion:252 Resp: 254833
Ion Ratio Lower Upper
252 100
253 22.2 17.0 25.6
125 14.0 9.2 13.8





#93

Benzo(a)pyrene

Concen: 2.250 ng/ul

RT: 24.098 min Scan# 3589

Delta R.T. -0.006 min

Lab File: BN031830.D

Acq: 06 Jun 2024 22:31

Instrument :

BNA_N

ClientSampleId :

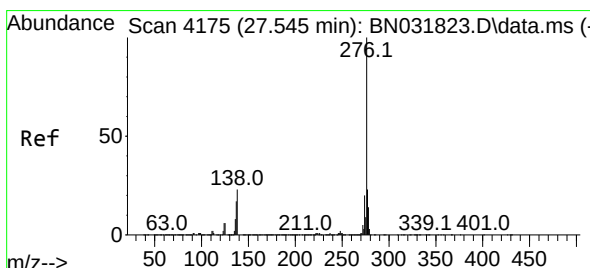
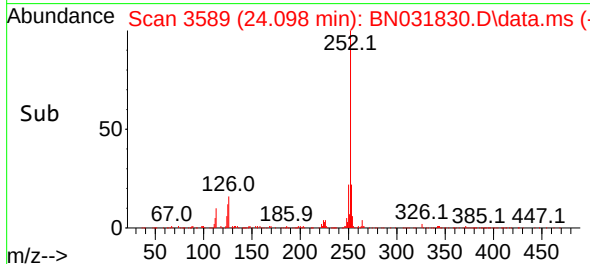
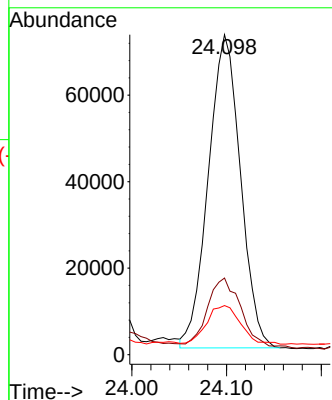
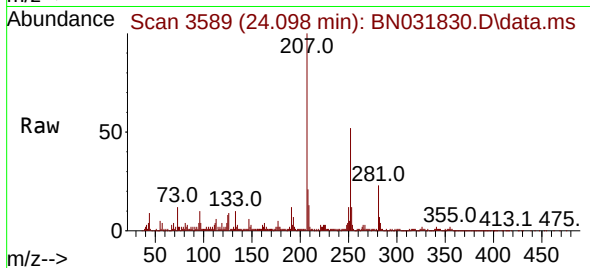
BHBT0

Tgt Ion:	252	Resp:	17088
Ion Ratio	Lower	Upper	
252	100		
253	24.0	16.6	24.8
125	15.3	9.8	14.8

Manual Integrations

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#94

Indeno(1,2,3-cd)pyrene

Concen: 1.506 ng/ul m

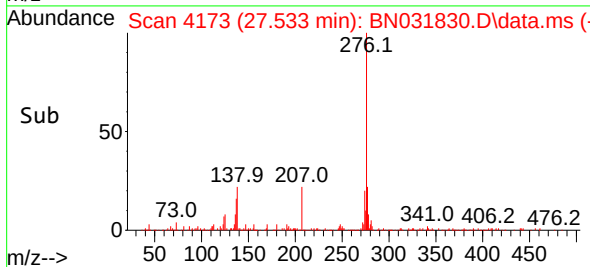
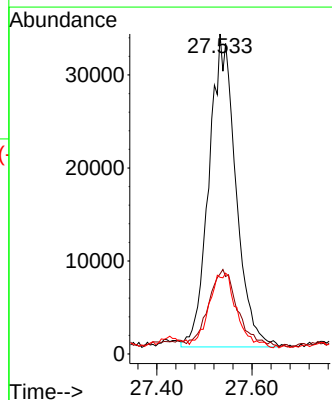
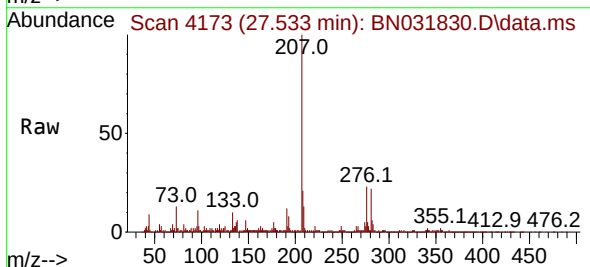
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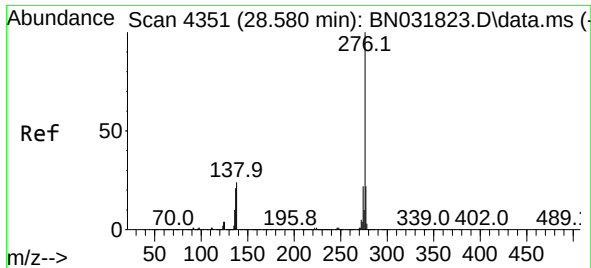
Delta R.T. -0.000 min

Lab File: BN031830.D

Acq: 06 Jun 2024 22:31

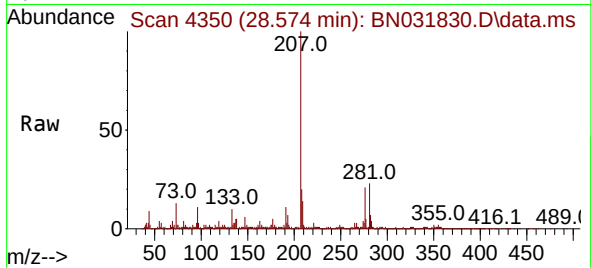
Tgt Ion:	276	Resp:	131838
Ion Ratio	Lower	Upper	
276	100		
138	25.0	18.1	27.1
277	24.0	18.2	27.2





#96
 Benzo(g,h,i)perylene
 Concen: 1.897 ng/ul m
 RT: 28.574 min Scan# 4350
 Delta R.T. 0.006 min
 Lab File: BN031830.D
 Acq: 06 Jun 2024 22:31

Instrument :
 BNA_N
 ClientSampleId :
 BHBT0



Tgt Ion: 276 Resp: 131968
 Ion Ratio Lower Upper
 276 100
 138 23.3 20.9 31.3
 277 24.4 18.0 27.0

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