

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052324\
 Data File : BN031646.D
 Acq On : 24 May 2024 00:10
 Operator : MA/JU
 Sample : P2547-06
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BH5P9

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/24/2024
 Supervised By :mohammad ahmed 05/25/2024

Quant Time: May 24 01:48:45 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue May 21 23:42:49 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.687	152	514814	20.000	ng/u1	0.00
20) Naphthalene-d8	10.469	136	2182769	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.328	164	1228360	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.069	188	2012551	20.000	ng/u1	0.00
79) Chrysene-d12	21.298	240	1287274	20.000	ng/u1	0.00
88) Perylene-d12	24.239	264	1579951	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.205	96	18748	1.443	ng/uL	0.00
4) Pyridine-d5	3.605	84	147748	4.076	ng/u1	0.00
7) Phenol-d5	6.852	99	365503	8.625	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.028	67	228908	9.006	ng/u1	0.00
11) 2-Chlorophenol-d4	7.222	132	293974	9.002	ng/u1	0.00
15) 4-Methylphenol-d8	8.387	113	194798	5.938	ng/u1	0.00
21) Nitrobenzene-d5	8.840	128	141517	8.567	ng/u1	0.00
24) 2-Nitrophenol-d4	9.558	143	129136	8.186	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.093	165	249119	8.077	ng/u1	0.00
31) 4-Chloroaniline-d4	10.610	131	293947	6.611	ng/u1	0.00
46) Dimethylphthalate-d6	13.740	166	756110	9.767	ng/u1	0.00
49) Acenaphthylene-d8	14.016	160	902907	9.306	ng/u1	0.00
54) 4-Nitrophenol-d4	14.522	143	62177	4.245	ng/u1	0.00
60) Fluorene-d10	15.322	176	628981	9.376	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.434	200	36558	4.202	ng/u1	0.00
73) Anthracene-d10	17.169	188	794649	9.327	ng/u1	0.00
81) Pyrene-d10	19.463	212	754532	9.345	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.033	264	719786	9.678	ng/u1	0.00
Target Compounds						
					Qvalue	
72) Phenanthrene	17.110	178	205099	2.008	ng/u1	99
80) Fluoranthene	19.128	202	439363	4.402	ng/u1	99
82) Pyrene	19.492	202	410593	4.012	ng/u1	99
85) Benzo(a)anthracene	21.280	228	229713	2.654	ng/u1	100
86) Bis(2-ethylhexyl)phtha...	21.222	149	65723	1.382	ng/u1	98
87) Chrysene	21.339	228	262248	3.280	ng/u1	99
90) Benzo(b)fluoranthene	23.310	252	361030	3.916	ng/u1	95
91) Benzo(k)fluoranthene	23.369	252	138203m	1.470	ng/u1	
93) Benzo(a)pyrene	24.092	252	251710	2.842	ng/u1	95
94) Indeno(1,2,3-cd)pyrene	27.521	276	190773	1.795	ng/u1	99
96) Benzo(g,h,i)perylene	28.557	276	187776	2.138	ng/u1	96

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

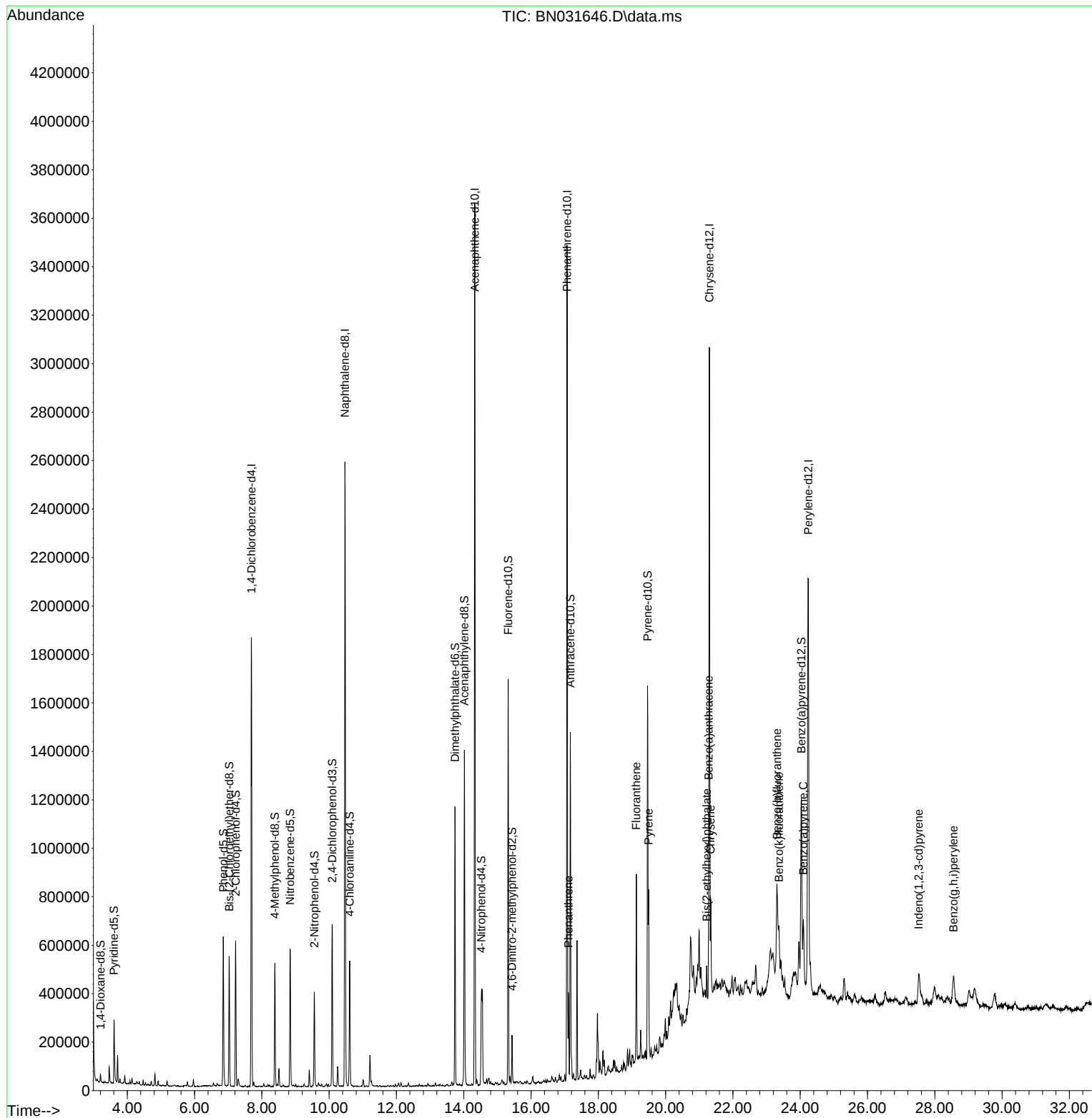
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052324\
Data File : BN031646.D
Acq On : 24 May 2024 00:10
Operator : MA/JU
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ALS Vial : 23 Sample Multiplier: 1

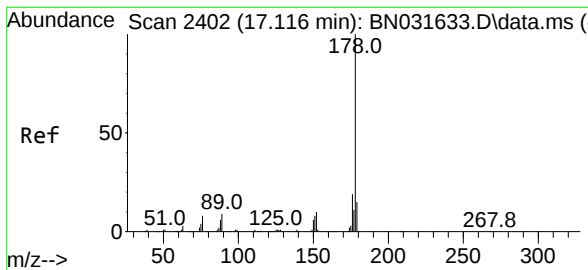
Instrument :
BNA_N
ClientSampleId :
BH5P9

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Quant Title : SVOA CALIBRATION
QLast Update : Tue May 21 23:42:49 2024
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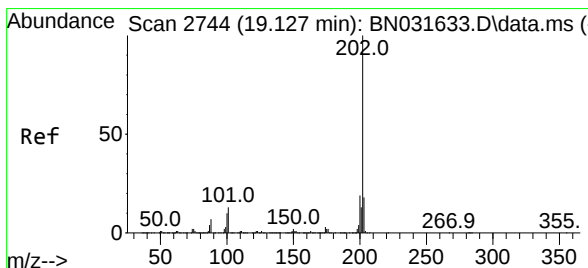
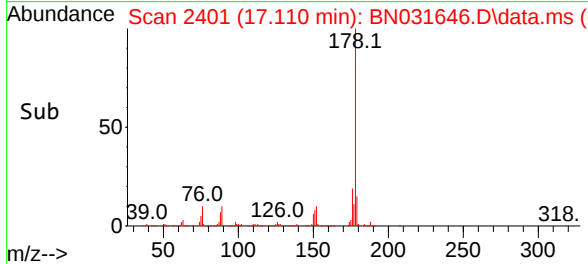
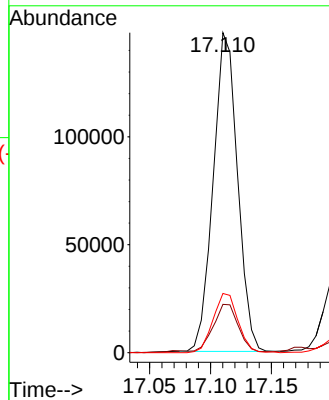
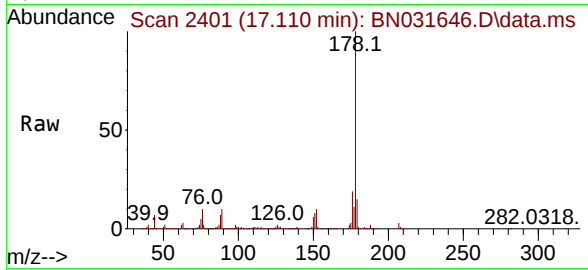
#72
Phenanthrene
Concen: 2.008 ng/ul
RT: 17.110 min Scan# 2402
Delta R.T. -0.006 min
Lab File: BN031646.D
Acq: 24 May 2024 00:10

Instrument :
BNA_N
ClientSampleId :
BH5P9

Tgt Ion:178 Resp: 205099
Ion Ratio Lower Upper
178 100
179 15.1 12.6 18.8
176 18.5 15.2 22.8

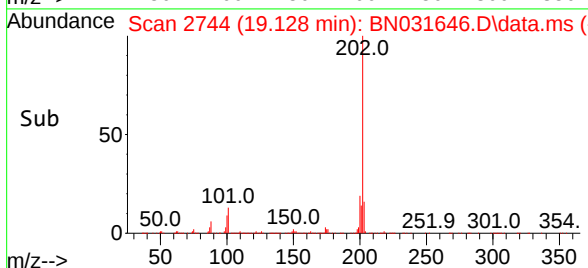
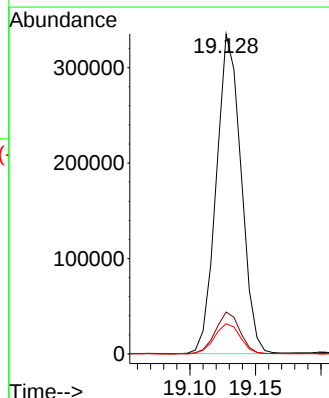
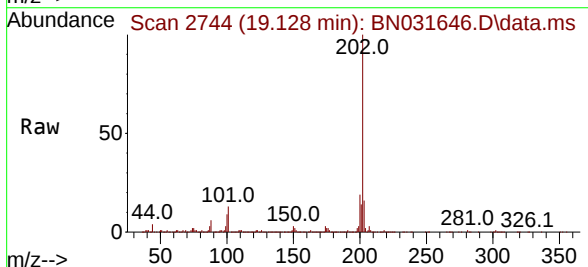
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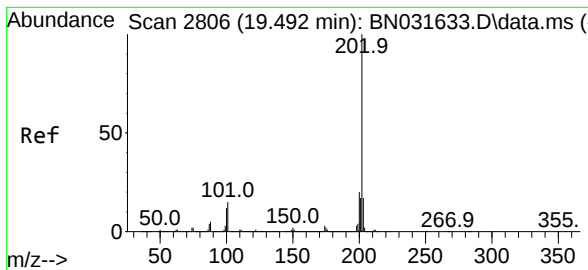
Reviewed By :Yogesh Patel 05/24/2024
Supervised By :mohammad ahmed 05/25/2024



#80
Fluoranthene
Concen: 4.402 ng/ul
RT: 19.128 min Scan# 2744
Delta R.T. -0.006 min
Lab File: BN031646.D
Acq: 24 May 2024 00:10

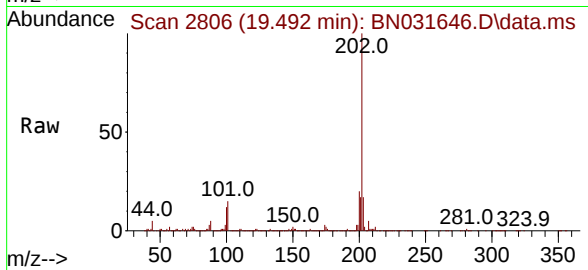
Tgt Ion:202 Resp: 439363
Ion Ratio Lower Upper
202 100
101 13.1 10.1 15.1
100 9.5 8.0 12.0





#82
 Pyrene
 Concen: 4.012 ng/ul
 RT: 19.492 min Scan# 210
 Delta R.T. -0.006 min
 Lab File: BN031646.D
 Acq: 24 May 2024 00:10

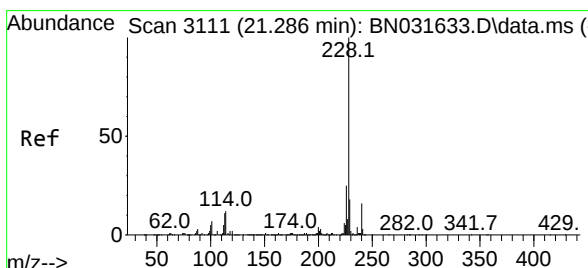
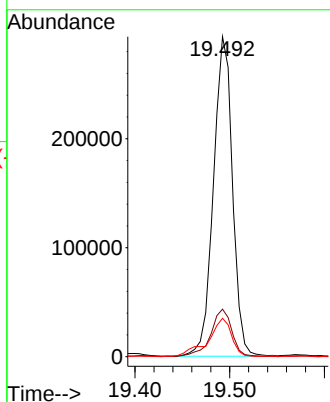
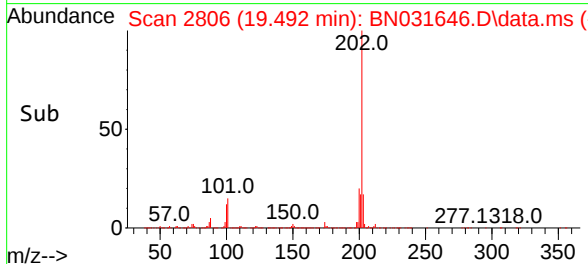
Instrument : BNA_N
 ClientSampleId : BH5P9



Tgt Ion: 202 Resp: 41059
 Ion Ratio Lower Upper
 202 100
 101 14.9 11.4 17.2
 100 12.0 9.3 13.9

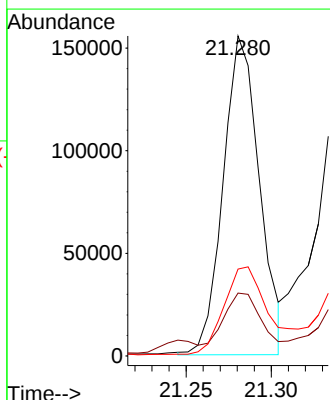
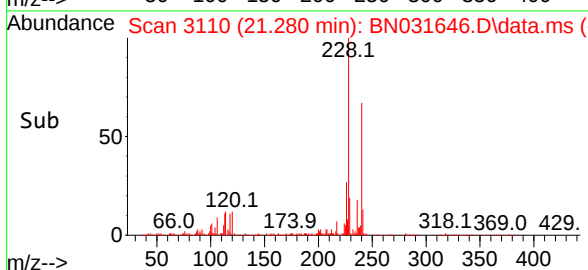
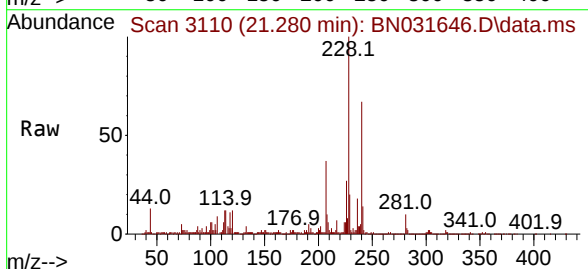
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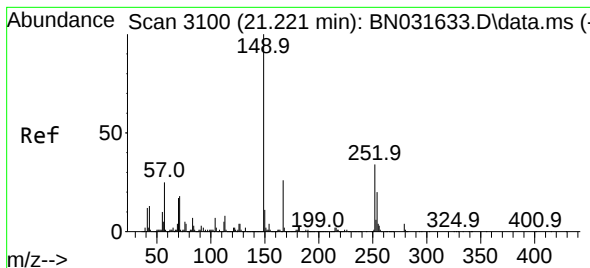
Reviewed By : Yogesh Patel 05/24/2024
 Supervised By : mohammad ahmed 05/25/2024



#85
 Benzo(a)anthracene
 Concen: 2.654 ng/ul
 RT: 21.280 min Scan# 3110
 Delta R.T. -0.006 min
 Lab File: BN031646.D
 Acq: 24 May 2024 00:10

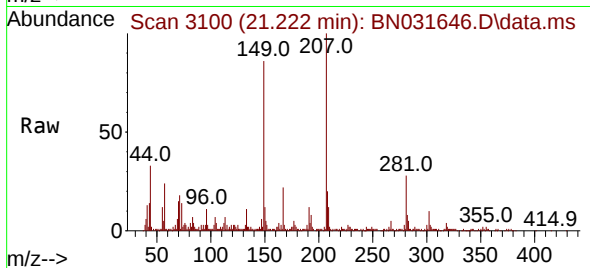
Tgt Ion: 228 Resp: 229713
 Ion Ratio Lower Upper
 228 100
 229 19.6 15.7 23.5
 226 27.2 21.9 32.9





#86
 Bis(2-ethylhexyl)phthalate
 Concen: 1.382 ng/ul
 RT: 21.222 min Scan# 3100
 Delta R.T. 0.000 min
 Lab File: BN031646.D
 Acq: 24 May 2024 00:10

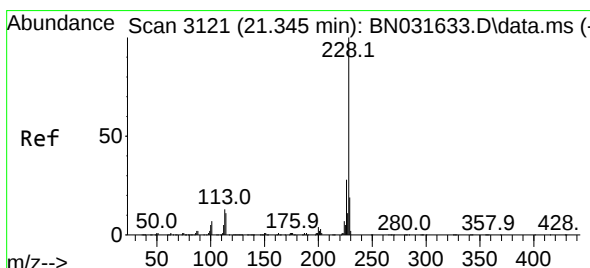
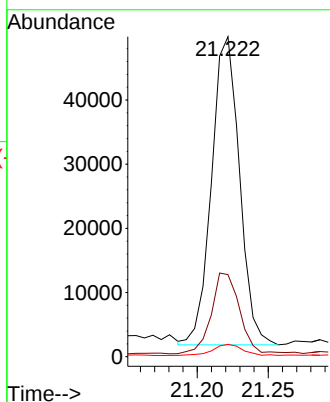
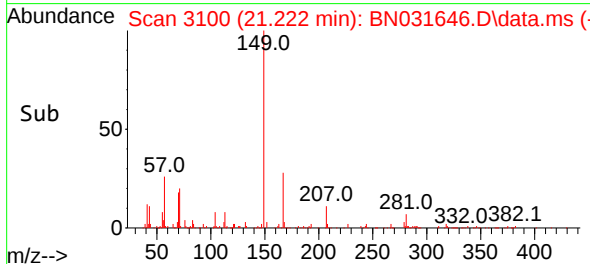
Instrument :
 BNA_N
 ClientSampleId :
 BH5P9



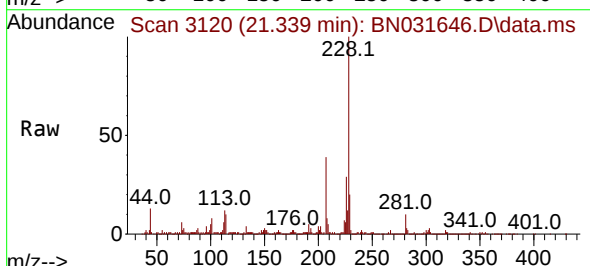
Tgt Ion:149 Resp: 65720
 Ion Ratio Lower Upper
 149 100
 167 25.6 21.6 32.4
 279 3.8 2.8 4.2

Manual Integrations
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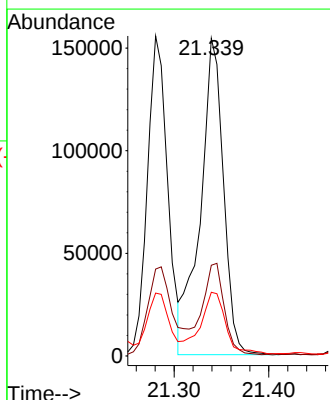
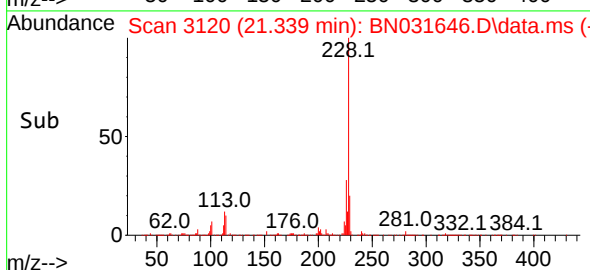
Reviewed By :Yogesh Patel 05/24/2024
 Supervised By :mohammad ahmed 05/25/2024

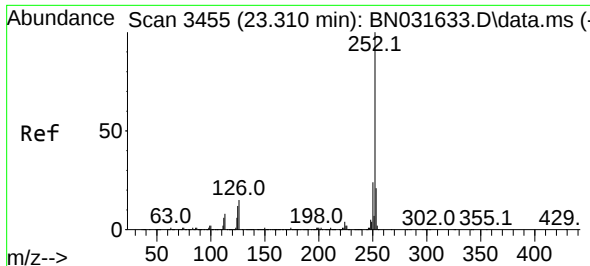


#87
 Chrysene
 Concen: 3.280 ng/ul
 RT: 21.339 min Scan# 3120
 Delta R.T. -0.006 min
 Lab File: BN031646.D
 Acq: 24 May 2024 00:10



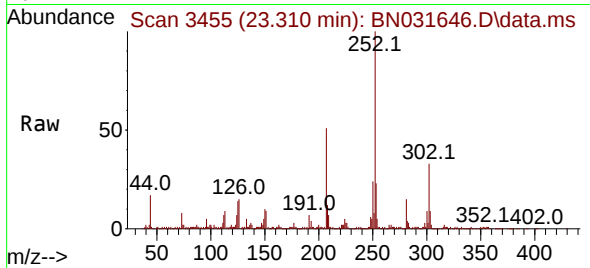
Tgt Ion:228 Resp: 262248
 Ion Ratio Lower Upper
 228 100
 226 28.6 22.9 34.3
 229 20.1 15.2 22.8





#90
Benzo(b)fluoranthene
Concen: 3.916 ng/ul
RT: 23.310 min Scan# 3455
Delta R.T. 0.000 min
Lab File: BN031646.D
Acq: 24 May 2024 00:10

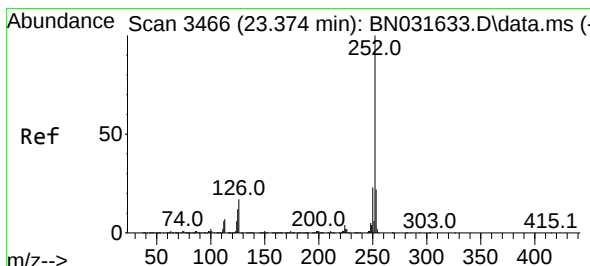
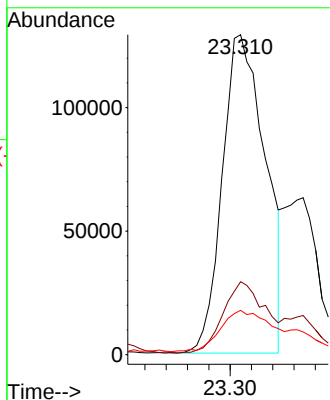
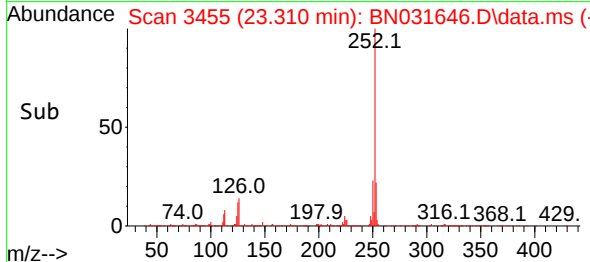
Instrument :
BNA_N
ClientSampleId :
BH5P9



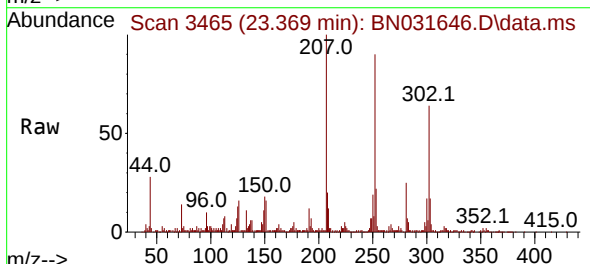
Tgt Ion:252 Resp: 361030
Ion Ratio Lower Upper
252 100
253 22.8 16.8 25.2
125 13.8 9.3 13.9

Manual Integrations
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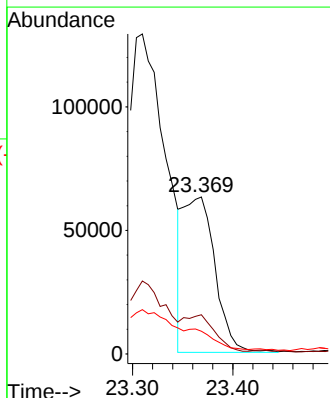
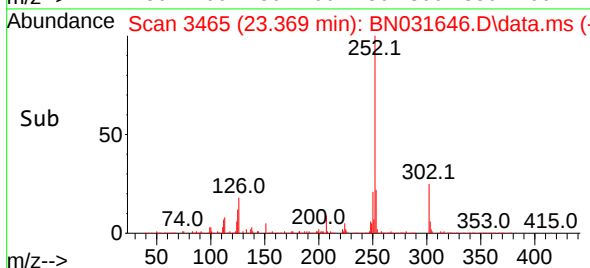
Reviewed By :Yogesh Patel 05/24/2024
Supervised By :mohammad ahmed 05/25/2024

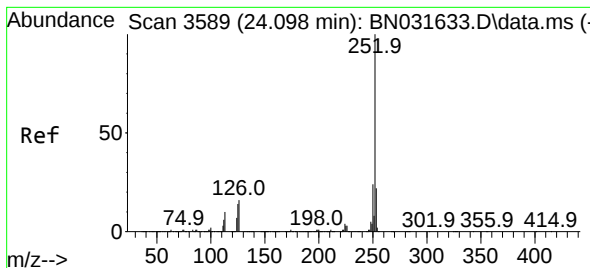


#91
Benzo(k)fluoranthene
Concen: 1.470 ng/ul m
RT: 23.369 min Scan# 3465
Delta R.T. 0.000 min
Lab File: BN031646.D
Acq: 24 May 2024 00:10



Tgt Ion:252 Resp: 138203
Ion Ratio Lower Upper
252 100
253 24.9 17.4 26.0
125 14.5 9.3 13.9





#93

Benzo(a)pyrene

Concen: 2.842 ng/ul

RT: 24.092 min Scan# 3589

Delta R.T. -0.012 min

Lab File: BN031646.D

Acq: 24 May 2024 00:10

Instrument :

BNA_N

ClientSampleId :

BH5P9

Tgt Ion:252 Resp: 251710

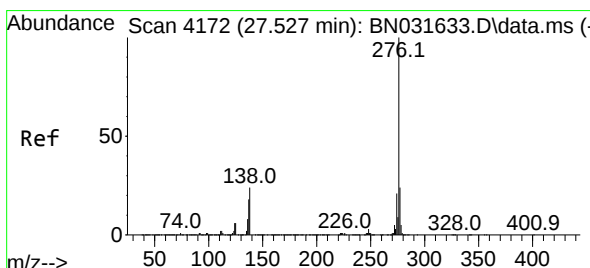
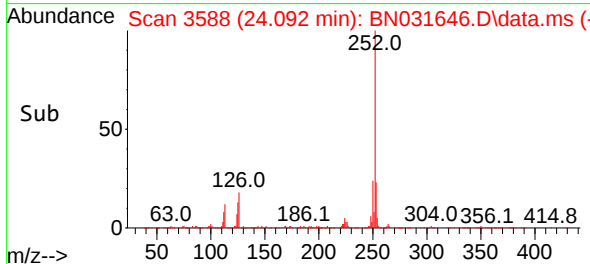
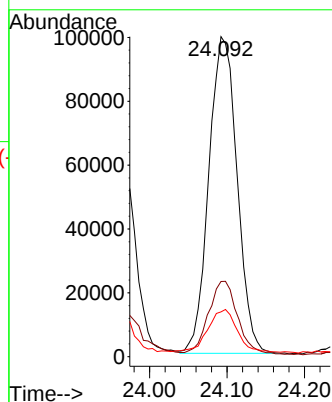
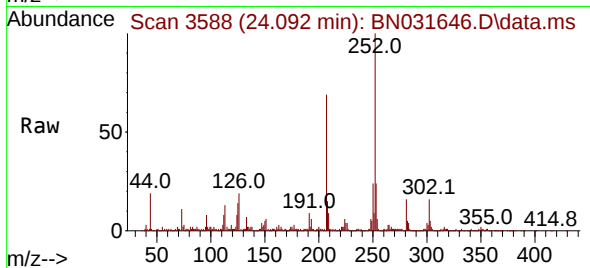
Ion	Ratio	Lower	Upper
252	100		
253	23.5	16.6	24.8
125	14.0	9.8	14.8

Manual Integrations

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Supervised By :mohammad ahmed 05/25/2024



#94

Indeno(1,2,3-cd)pyrene

Concen: 1.795 ng/ul

RT: 27.521 min Scan# 4171

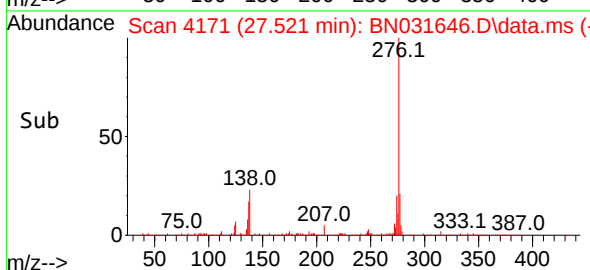
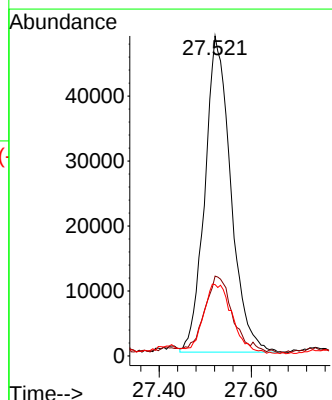
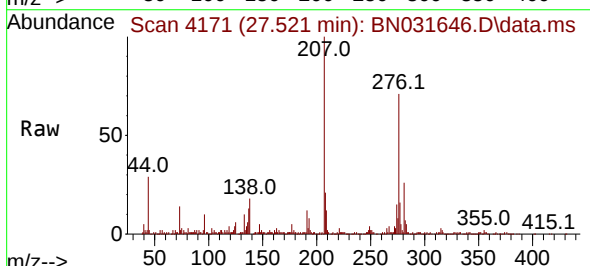
Delta R.T. -0.012 min

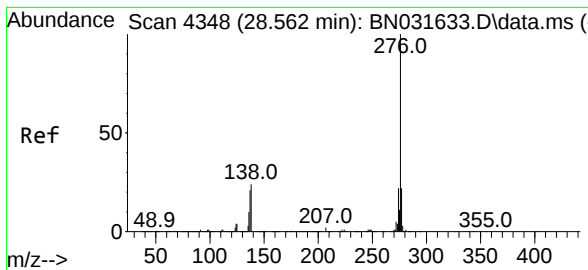
Lab File: BN031646.D

Acq: 24 May 2024 00:10

Tgt Ion:276 Resp: 190773

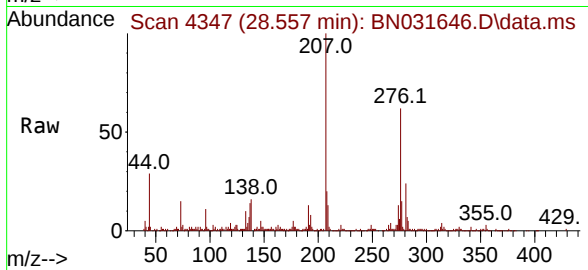
Ion	Ratio	Lower	Upper
276	100		
138	24.9	19.8	29.6
277	22.3	18.2	27.4





#96
 Benzo(g,h,i)perylene
 Concen: 2.138 ng/ul
 RT: 28.557 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: BN031646.D
 Acq: 24 May 2024 00:10

Instrument :
 BNA_N
 ClientSampleId :
 BH5P9



Tgt Ion:276 Resp: 187770
 Ion Ratio Lower Upper
 276 100
 138 26.0 19.5 29.3
 277 24.0 17.6 26.4

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