

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101422\
 Data File : BN022121.D
 Acq On : 14 Oct 2022 13:04
 Operator : CG/JU
 Sample : N5049-14
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0BS0

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/15/2022
 Supervised By :mohammad ahmed 10/16/2022

Quant Time: Oct 15 00:25:38 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN101222.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 13 03:08:08 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.957	152	220160	20.000	ng/u1	0.00
20) Naphthalene-d8	10.787	136	1037725	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.634	164	637386	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.386	188	1272680	20.000	ng/u1	0.00
79) Chrysene-d12	21.592	240	861857	20.000	ng/u1	0.00
88) Perylene-d12	24.074	264	831755	20.000	ng/u1	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.258	96	17716	3.050	ng/uL	0.00
4) Pyridine-d5	3.717	84	16226	0.898	ng/u1	0.02
7) Phenol-d5	7.116	99	419504	19.491	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.281	67	253339	18.784	ng/u1	0.00
11) 2-Chlorophenol-d4	7.481	132	317545	21.279	ng/u1	0.00
15) 4-Methylphenol-d8	8.675	113	335239	19.602	ng/u1	0.00
21) Nitrobenzene-d5	9.134	128	168437	22.136	ng/u1	0.00
24) 2-Nitrophenol-d4	9.863	143	185717	23.812	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.404	165	312293	21.332	ng/u1	0.00
31) 4-Chloroaniline-d4	10.934	131	211659	8.843	ng/u1	0.00
46) Dimethylphthalate-d6	14.045	166	905244	20.374	ng/u1	0.00
49) Acenaphthylene-d8	14.322	160	1113217	22.437	ng/u1	0.00
54) 4-Nitrophenol-d4	14.834	143	144903	15.279	ng/u1	0.00
60) Fluorene-d10	15.622	176	809040	21.588	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.751	200	104676	14.417	ng/u1	0.00
73) Anthracene-d10	17.486	188	1186967	21.462	ng/u1	0.00
81) Pyrene-d10	19.786	212	1184849	27.612	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.915	264	866386	21.240	ng/u1	0.02
Target Compounds					Qvalue	
6) Benzaldehyde	7.087	77	90451	8.510	ng/u1	98
8) Phenol	7.140	94	27075	1.185	ng/u1	93
16) Acetophenone	8.799	105	34373	1.258	ng/u1	89
30) Naphthalene	10.834	128	60332	1.085	ng/u1	97
36) 2-Methylnaphthalene	12.451	142	38801	1.011	ng/u1	94
50) Acenaphthylene	14.351	152	417649	7.371	ng/u1	97
72) Phenanthrene	17.428	178	157284	2.291	ng/u1	98
74) Anthracene	17.522	178	769945	11.291	ng/u1	96
77) Carbazole	17.792	167	173343	2.748	ng/u1	99
80) Fluoranthene	19.451	202	1097962	20.384	ng/u1	96
82) Pyrene	19.816	202	1493879	26.510	ng/u1	99
85) Benzo(a)anthracene	21.574	228	1147469	20.836	ng/u1#	92
87) Chrysene	21.633	228	1737797	32.836	ng/u1	98
90) Benzo(b)fluoranthene	23.321	252	3373563	64.308	ng/u1	98
91) Benzo(k)fluoranthene	23.357	252	946734m	18.267	ng/u1	
93) Benzo(a)pyrene	23.962	252	1783777	38.045	ng/u1	99
94) Indeno(1,2,3-cd)pyrene	26.686	276	2249426	38.385	ng/u1	94
95) Dibenzo(a,h)anthracene	26.692	278	619584	11.817	ng/u1#	75
96) Benzo(g,h,i)perylene	27.498	276	1904050	36.115	ng/u1	97

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

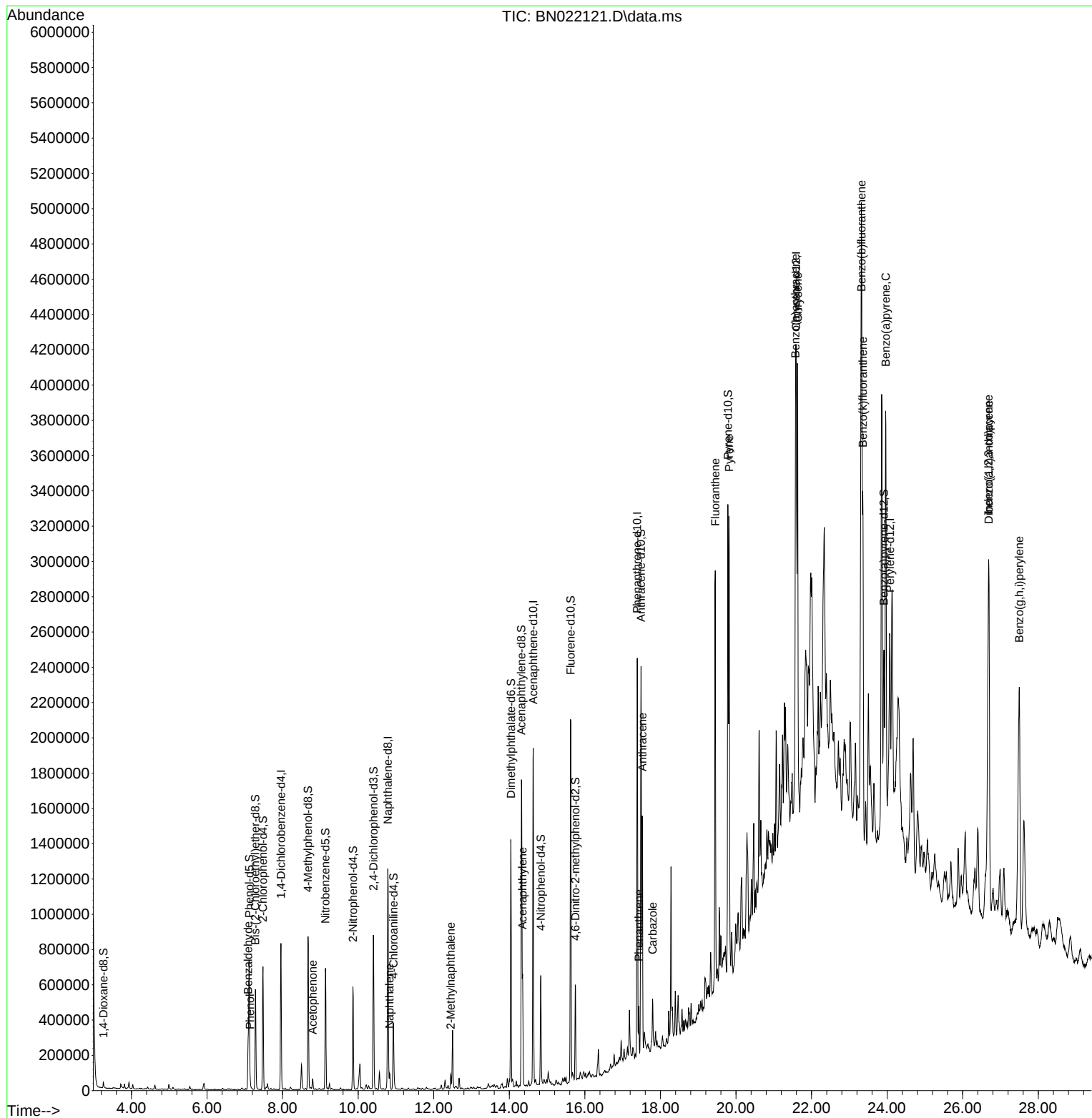
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101422\
Data File : BN022121.D
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ALS Vial : 39 Sample Multiplier: 1

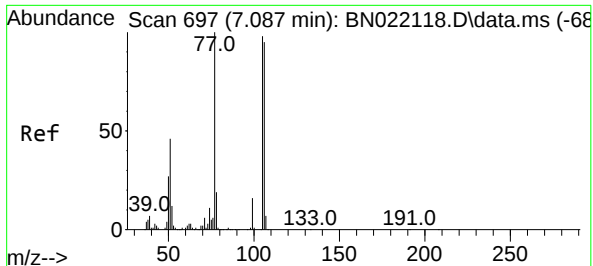
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Supervised By :mohammad ahmed 10/16/2022

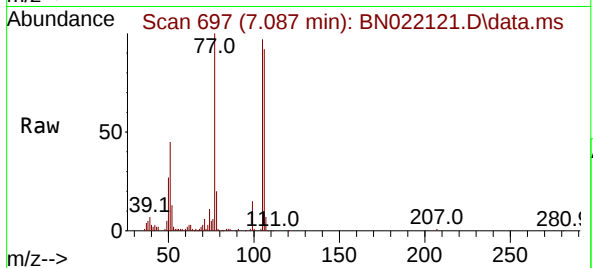
Quant Time: Oct 15 00:25:38 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN101222.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 13 03:08:08 2022
Response via : Initial Calibration





#6
Benzaldehyde
Concen: 8.510 ng/ul
RT: 7.087 min Scan# 697
Delta R.T. -0.006 min
Lab File: BN022121.D
Acq: 14 Oct 2022 13:04

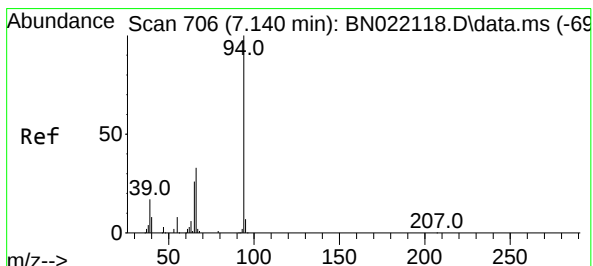
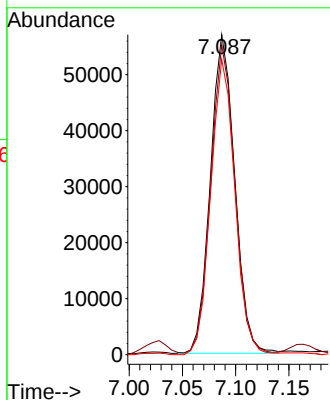
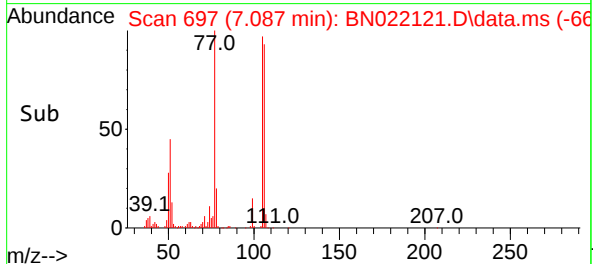
Instrument :
BNA_N
ClientSampleId :
C0BS0



Tgt Ion: 77 Resp: 9045
Ion Ratio Lower Upper
77 100
105 96.9 78.6 118.0
106 92.2 75.4 113.2

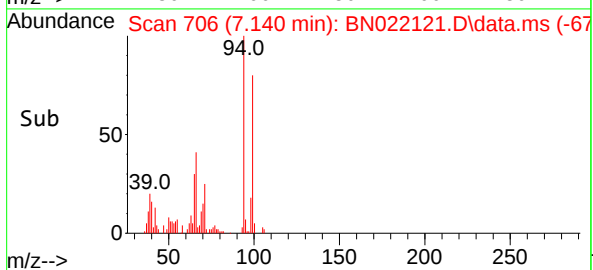
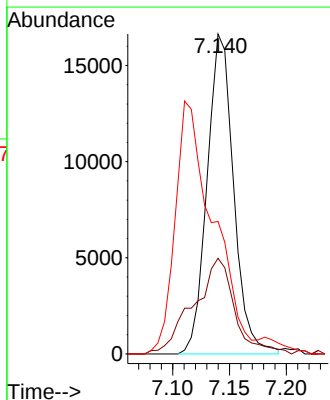
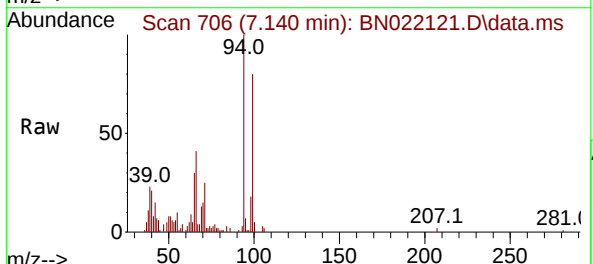
Manual Integrations
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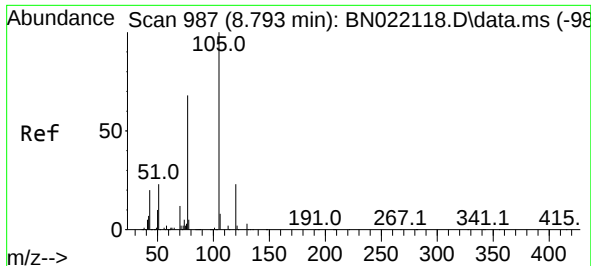
Reviewed By :Yogesh Patel 10/15/2022
Supervised By :mohammad ahmed 10/16/2022



#8
Phenol
Concen: 1.185 ng/ul
RT: 7.140 min Scan# 706
Delta R.T. -0.000 min
Lab File: BN022121.D
Acq: 14 Oct 2022 13:04

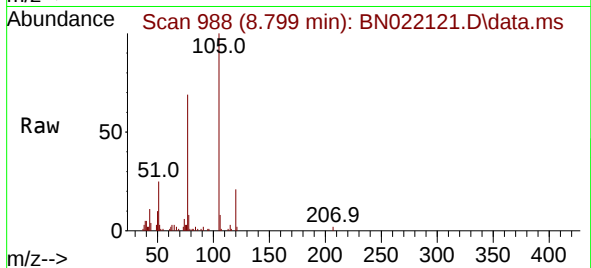
Tgt Ion: 94 Resp: 27075
Ion Ratio Lower Upper
94 100
65 29.9 22.1 33.1
66 41.4 29.0 43.6





#16
Acetophenone
Concen: 1.258 ng/ul
RT: 8.799 min Scan# 91
Delta R.T. -0.000 min
Lab File: BN022121.D
Acq: 14 Oct 2022 13:04

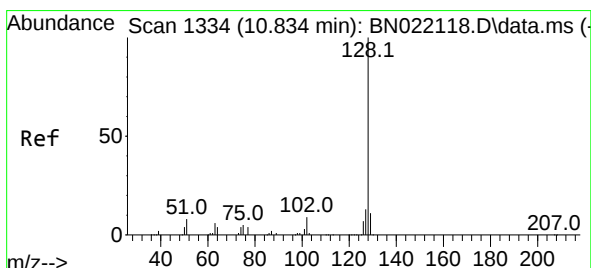
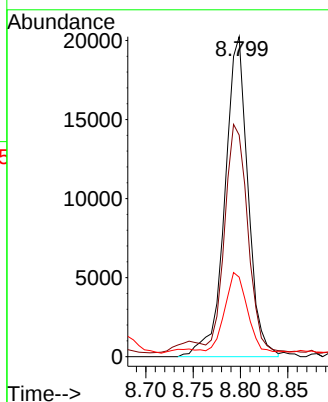
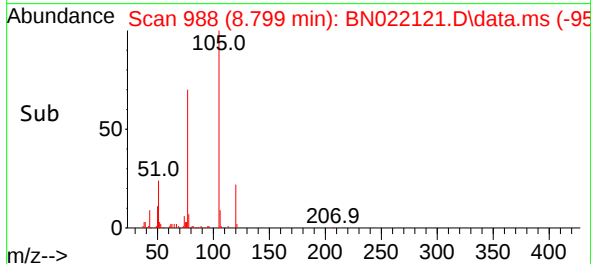
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:105 Resp: 3437
Ion Ratio Lower Upper
105 100
77 69.2 64.9 97.3
51 24.9 21.8 32.6

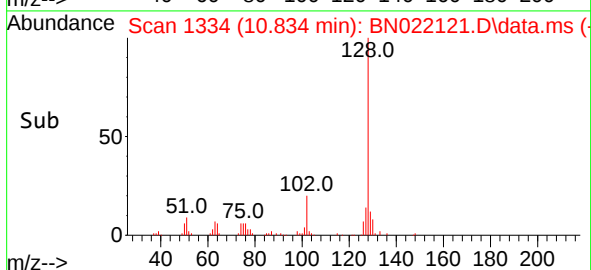
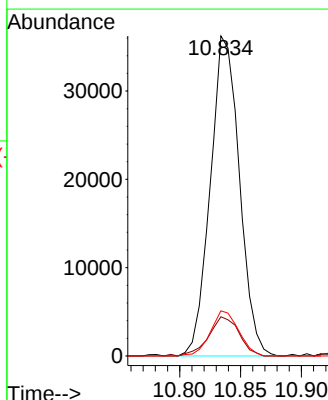
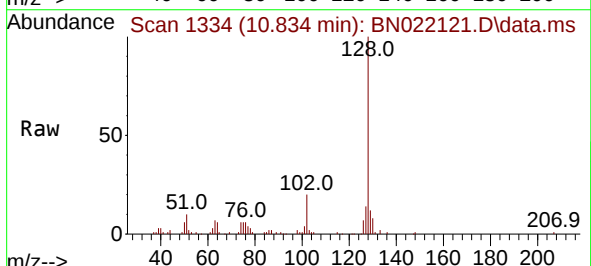
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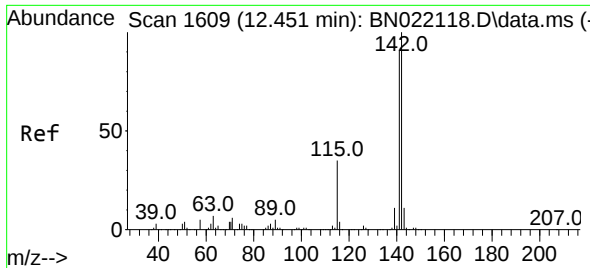
Reviewed By :Yogesh Patel 10/15/2022
Supervised By :mohammad ahmed 10/16/2022



#30
Naphthalene
Concen: 1.085 ng/ul
RT: 10.834 min Scan# 1334
Delta R.T. -0.006 min
Lab File: BN022121.D
Acq: 14 Oct 2022 13:04

Tgt Ion:128 Resp: 60332
Ion Ratio Lower Upper
128 100
129 12.3 8.5 12.7
127 14.1 10.8 16.2





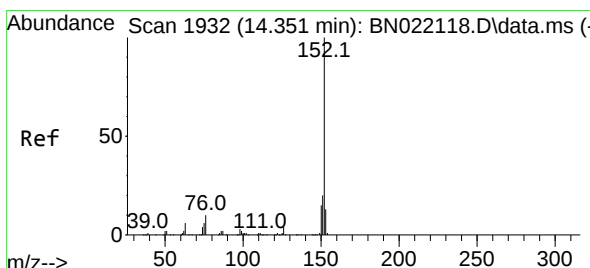
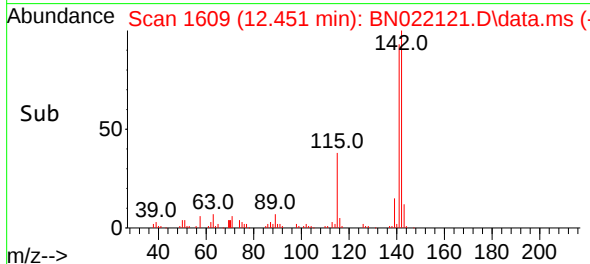
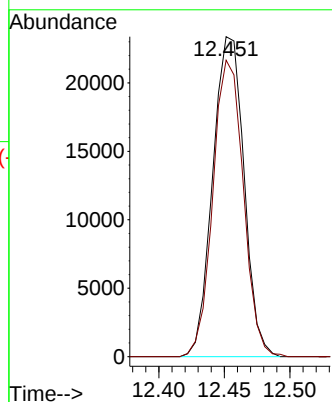
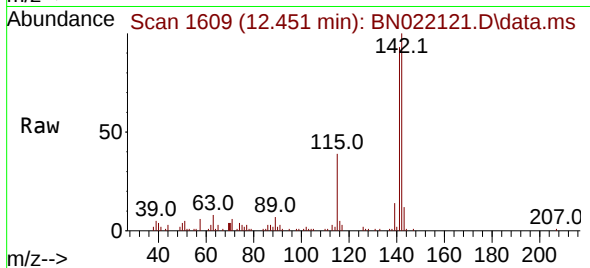
#36
2-Methylnaphthalene
Concen: 1.011 ng/ul
RT: 12.451 min Scan# 1609
Delta R.T. -0.006 min
Lab File: BN022121.D
Acq: 14 Oct 2022 13:04

Instrument :
BNA_N
ClientSampleId :
C0BS0

Tgt Ion:142 Resp: 3880
Ion Ratio Lower Upper
142 100
141 92.7 69.7 104.5

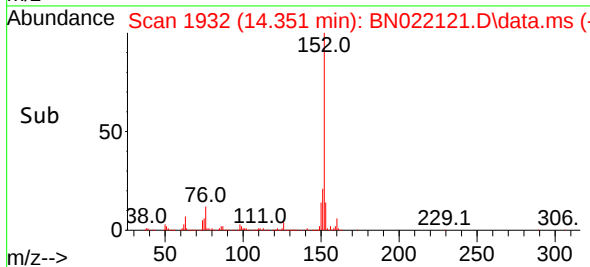
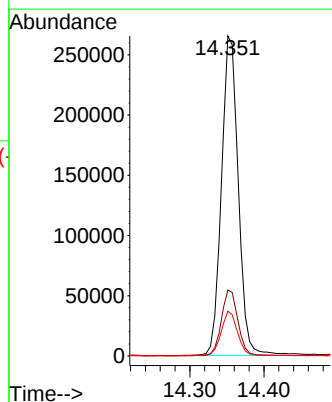
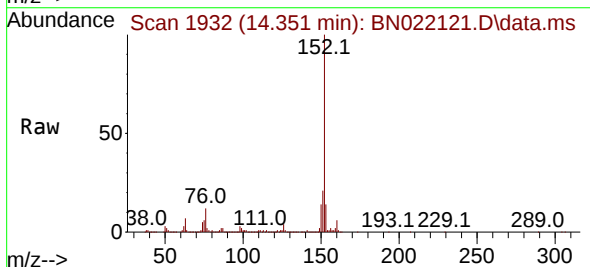
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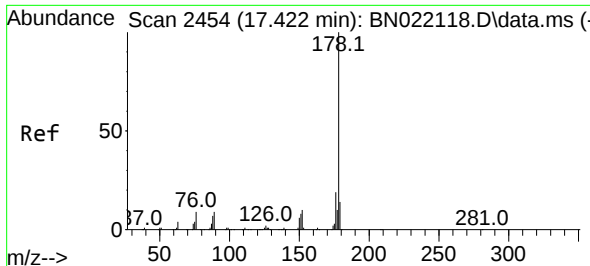
Reviewed By :Yogesh Patel 10/15/2022
Supervised By :mohammad ahmed 10/16/2022



#50
Acenaphthylene
Concen: 7.371 ng/ul
RT: 14.351 min Scan# 1932
Delta R.T. -0.006 min
Lab File: BN022121.D
Acq: 14 Oct 2022 13:04

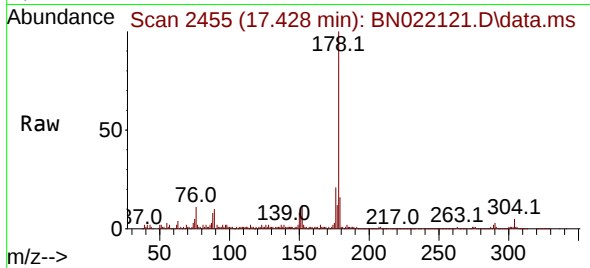
Tgt Ion:152 Resp: 417649
Ion Ratio Lower Upper
152 100
151 20.6 15.5 23.3
153 14.0 9.8 14.8





#72
Phenanthrene
Concen: 2.291 ng/ul
RT: 17.428 min Scan# 2454
Delta R.T. -0.006 min
Lab File: BN022121.D
Acq: 14 Oct 2022 13:04

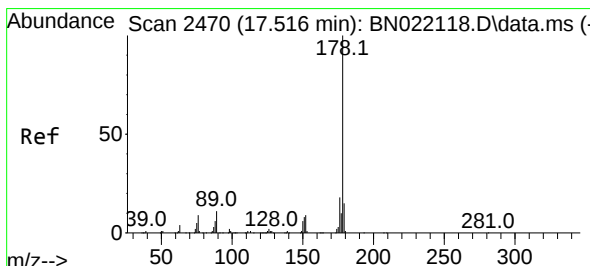
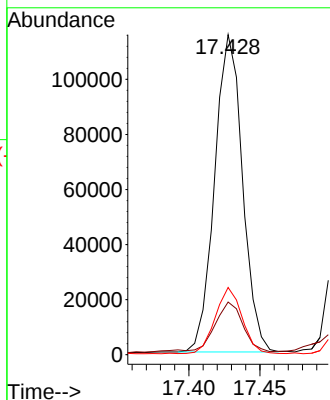
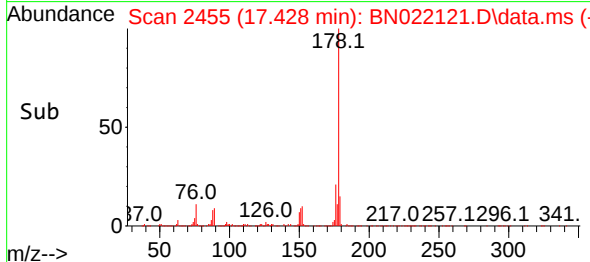
Instrument :
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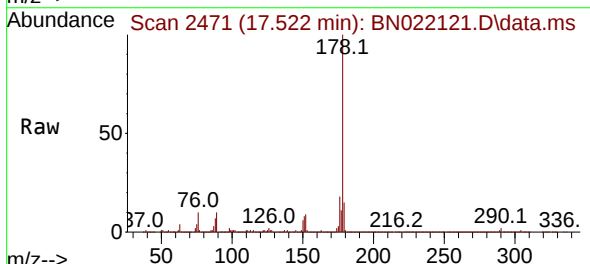
Tgt Ion:178 Resp: 157284
Ion Ratio Lower Upper
178 100
179 16.5 12.3 18.5
176 21.0 16.5 24.7

Manual Integrations
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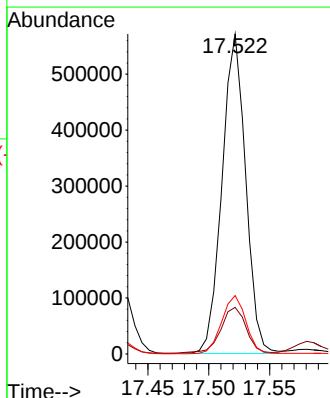
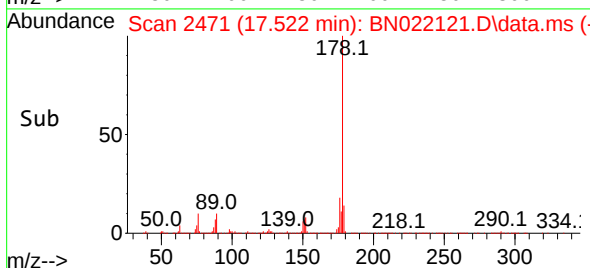
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Supervised By :mohammad ahmed 10/16/2022

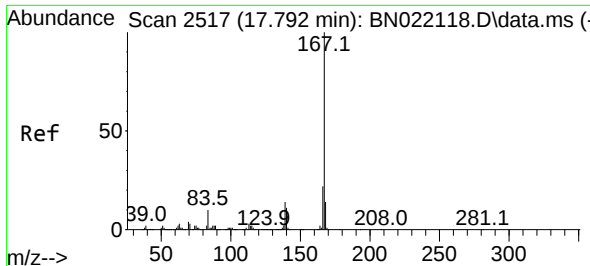


#74
Anthracene
Concen: 11.291 ng/ul
RT: 17.522 min Scan# 2471
Delta R.T. -0.000 min
Lab File: BN022121.D
Acq: 14 Oct 2022 13:04



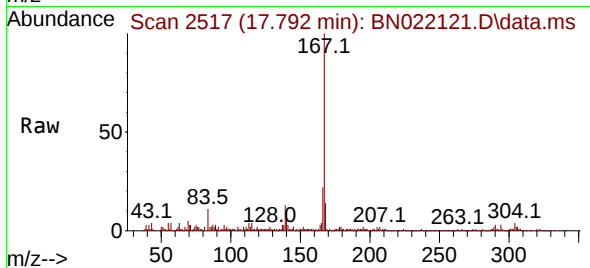
Tgt Ion:178 Resp: 769945
Ion Ratio Lower Upper
178 100
179 14.6 13.0 19.6
176 18.3 15.8 23.6





#77
 Carbazole
 Concen: 2.748 ng/ul
 RT: 17.792 min Scan# 2517
 Delta R.T. -0.006 min
 Lab File: BN022121.D
 Acq: 14 Oct 2022 13:04

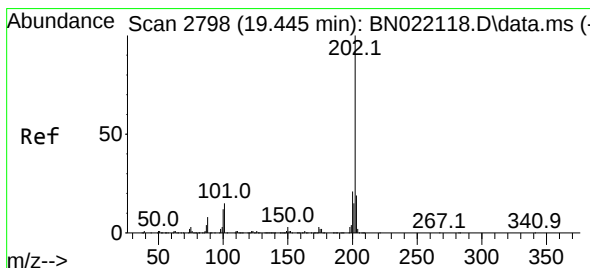
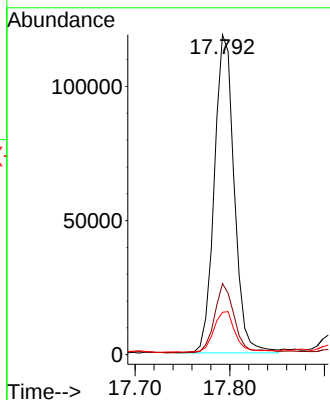
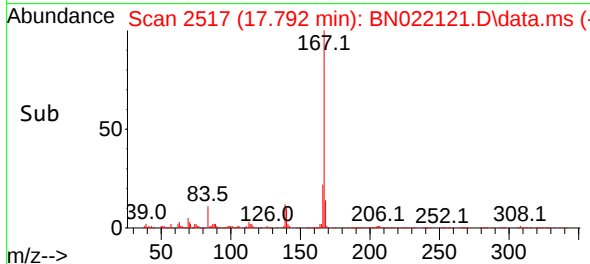
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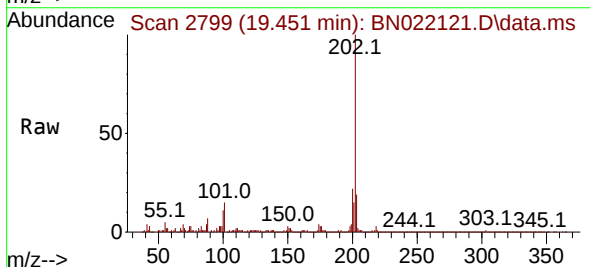
Tgt Ion:167 Resp: 17334
 Ion Ratio Lower Upper
 167 100
 166 22.2 17.3 25.9
 139 13.3 10.7 16.1

Manual Integrations
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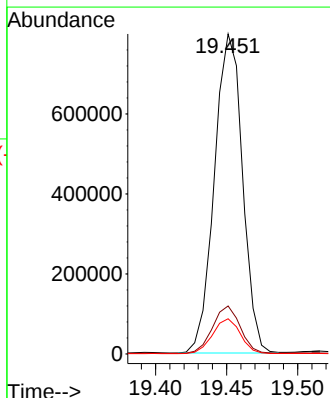
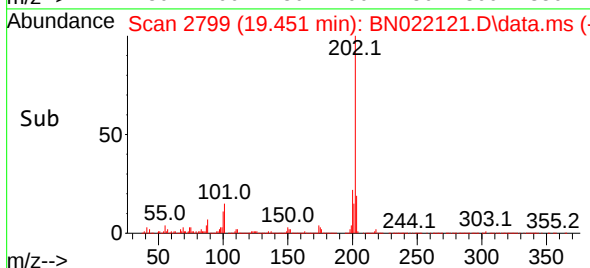
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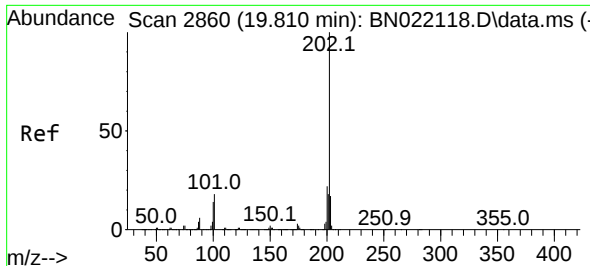


#80
 Fluoranthene
 Concen: 20.384 ng/ul
 RT: 19.451 min Scan# 2799
 Delta R.T. -0.006 min
 Lab File: BN022121.D
 Acq: 14 Oct 2022 13:04



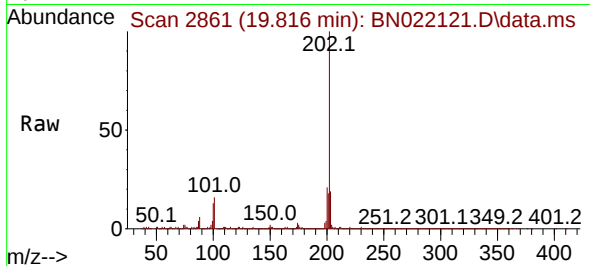
Tgt Ion:202 Resp: 1097962
 Ion Ratio Lower Upper
 202 100
 101 15.0 10.3 15.5
 100 11.0 7.8 11.8





#82
Pyrene
Concen: 26.510 ng/ul
RT: 19.816 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN022121.D
Acq: 14 Oct 2022 13:04

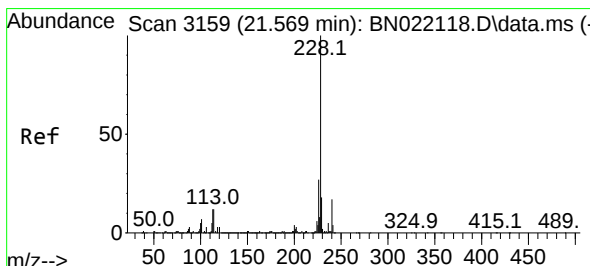
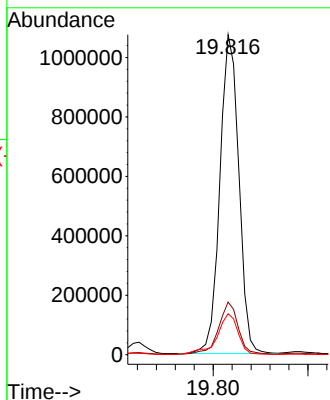
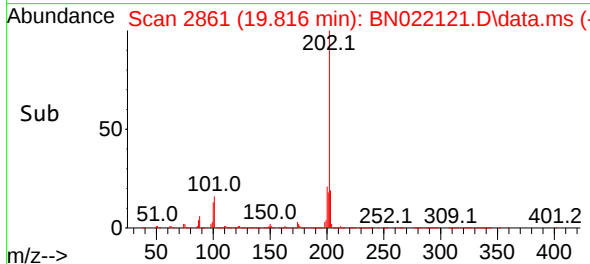
Instrument :
BNA_N
ClientSampleId :
C0BS0



Tgt Ion:202 Resp: 1493879
Ion Ratio Lower Upper
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101 16.4 13.4 20.0
100 12.8 10.9 16.3

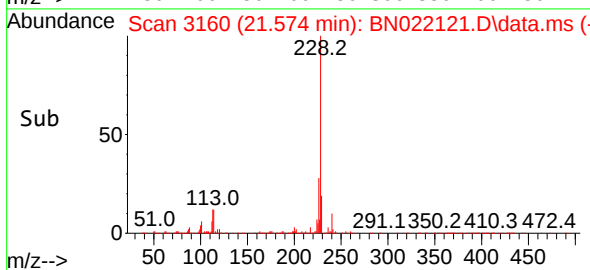
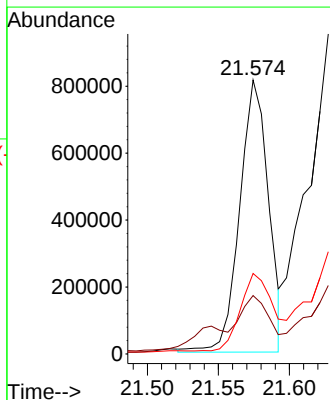
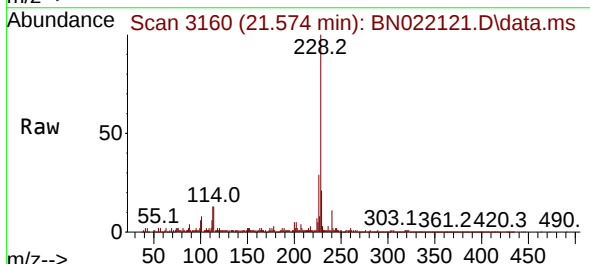
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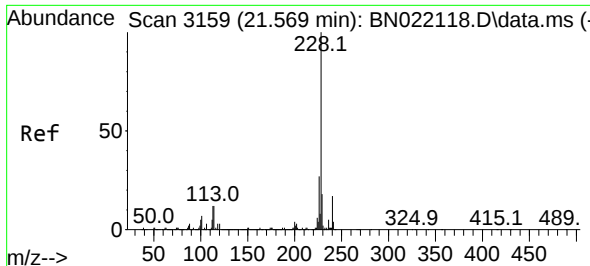
Reviewed By :Yogesh Patel 10/15/2022
Supervised By :mohammad ahmed 10/16/2022



#85
Benzo(a)anthracene
Concen: 20.836 ng/ul
RT: 21.574 min Scan# 3160
Delta R.T. -0.000 min
Lab File: BN022121.D
Acq: 14 Oct 2022 13:04

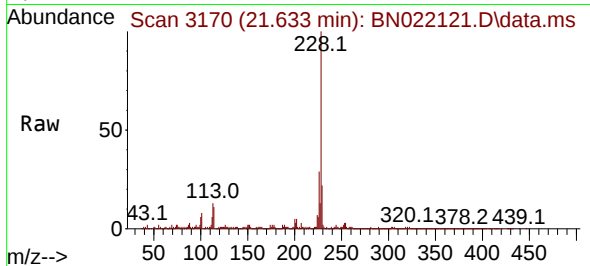
Tgt Ion:228 Resp: 1147469
Ion Ratio Lower Upper
228 100
229 21.3 13.5 20.3#
226 29.4 21.0 31.6





#87
Chrysene
Concen: 32.836 ng/u1
RT: 21.633 min Scan# 3159
Delta R.T. 0.006 min
Lab File: BN022121.D
Acq: 14 Oct 2022 13:04

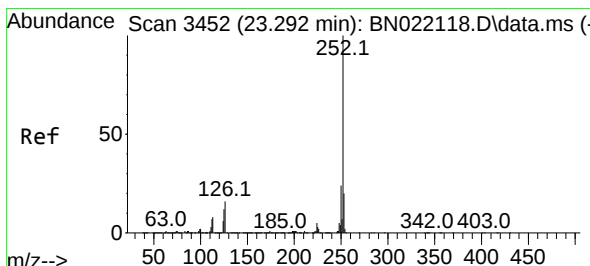
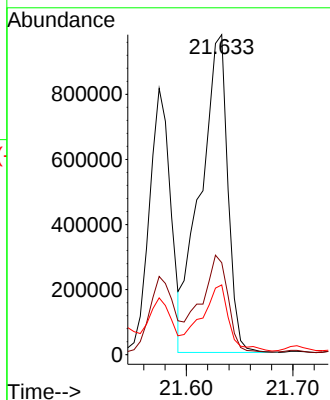
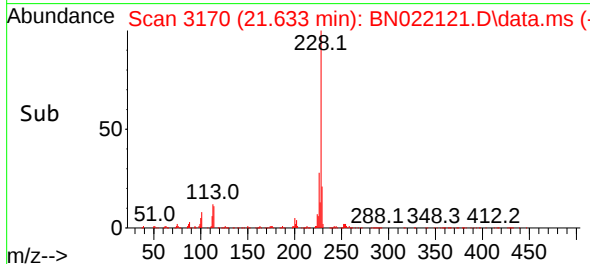
Instrument :
BNA_N
ClientSampleId :
C0BS0



Tgt Ion:228 Resp: 173779
Ion Ratio Lower Upper
228 100
226 28.8 23.8 35.8
229 21.8 16.5 24.7

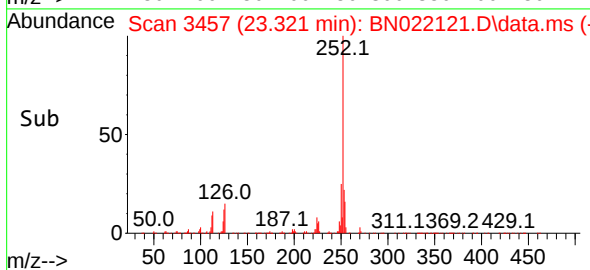
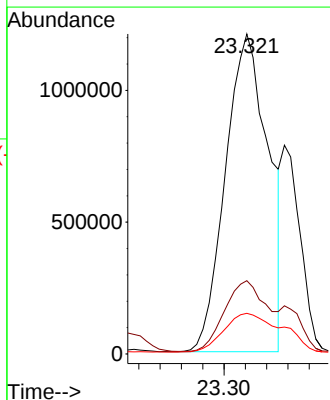
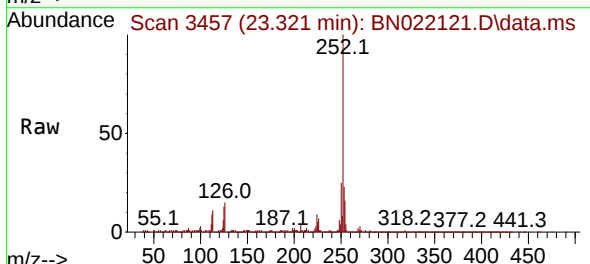
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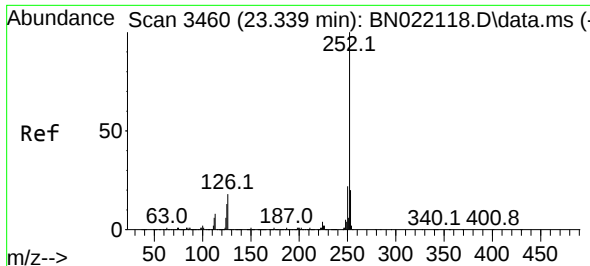
Reviewed By :Yogesh Patel 10/15/2022
Supervised By :mohammad ahmed 10/16/2022



#90
Benzo(b)fluoranthene
Concen: 64.308 ng/u1
RT: 23.321 min Scan# 3457
Delta R.T. 0.023 min
Lab File: BN022121.D
Acq: 14 Oct 2022 13:04

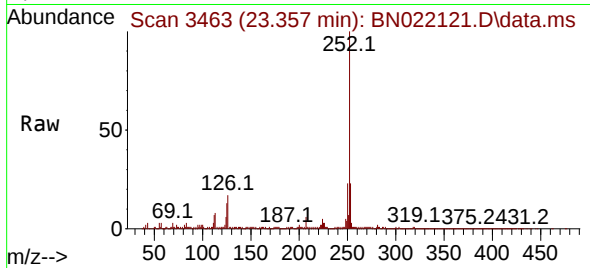
Tgt Ion:252 Resp: 3373563
Ion Ratio Lower Upper
252 100
253 22.9 17.6 26.4
125 12.7 10.7 16.1





#91
Benzo(k)fluoranthene
Concen: 18.267 ng/ul m
RT: 23.357 min Scan# 3460
Delta R.T. 0.006 min
Lab File: BN022121.D
Acq: 14 Oct 2022 13:04

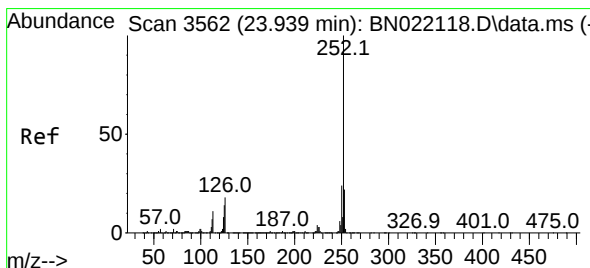
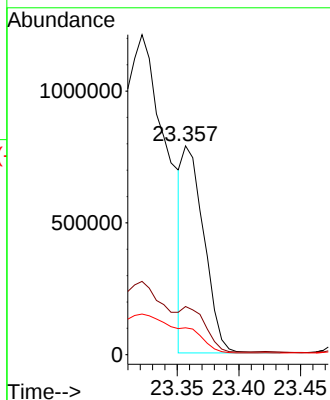
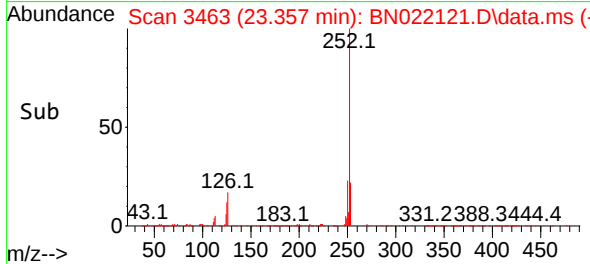
Instrument :
BNA_N
ClientSampleId :
C0BS0



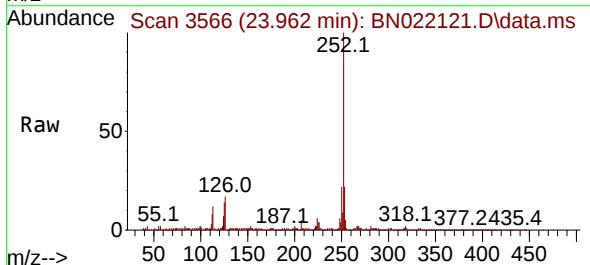
Tgt Ion:252 Resp: 946734
Ion Ratio Lower Upper
252 100
253 23.1 17.7 26.5
125 12.9 10.6 15.8

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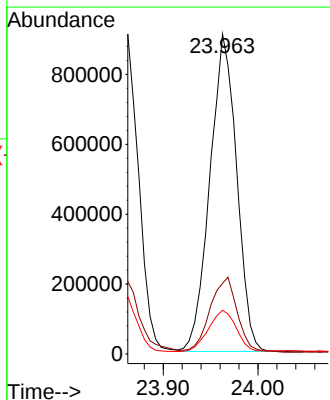
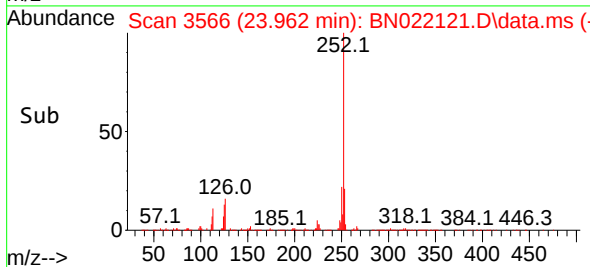
Reviewed By :Yogesh Patel 10/15/2022
Supervised By :mohammad ahmed 10/16/2022

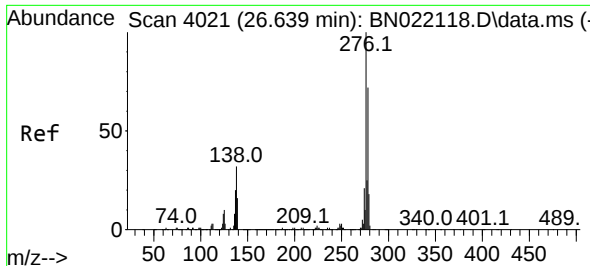


#93
Benzo(a)pyrene
Concen: 38.045 ng/ul
RT: 23.962 min Scan# 3566
Delta R.T. 0.012 min
Lab File: BN022121.D
Acq: 14 Oct 2022 13:04



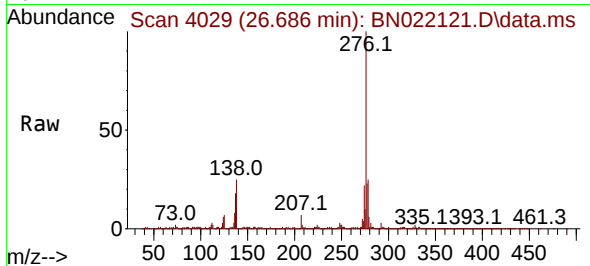
Tgt Ion:252 Resp: 1783777
Ion Ratio Lower Upper
252 100
253 22.1 17.2 25.8
125 13.6 10.8 16.2





#94
 Indeno(1,2,3-cd)pyrene
 Concen: 38.385 ng/ul
 RT: 26.686 min Scan# 4029
 Delta R.T. 0.023 min
 Lab File: BN022121.D
 Acq: 14 Oct 2022 13:04

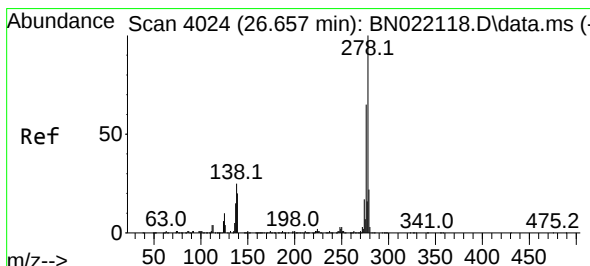
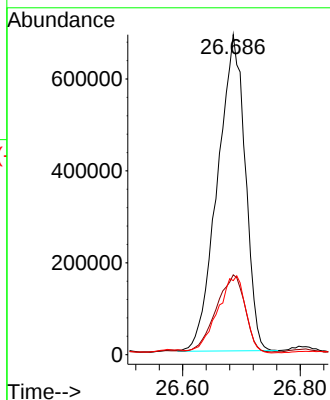
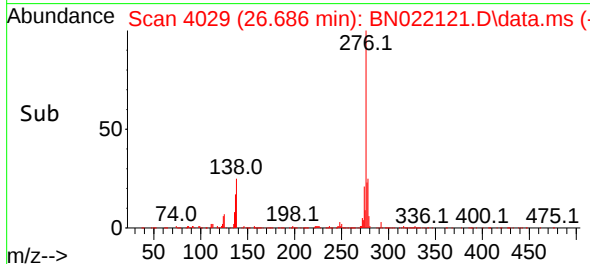
Instrument :
 BNA_N
 ClientSampleId :
 C0BS0



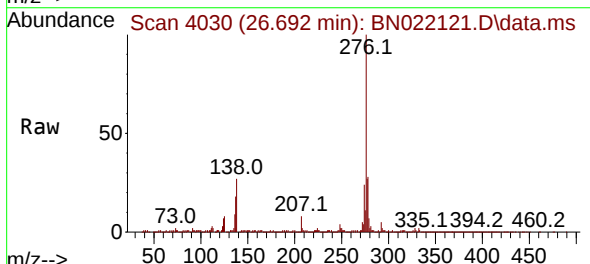
Tgt Ion:276 Resp: 2249420
 Ion Ratio Lower Upper
 276 100
 138 25.0 24.6 36.8
 277 23.1 18.4 27.6

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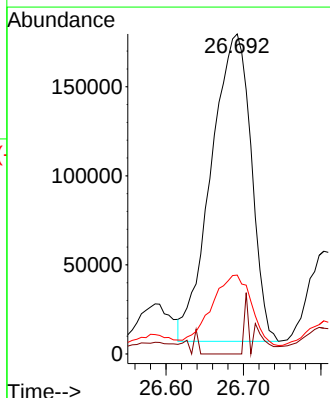
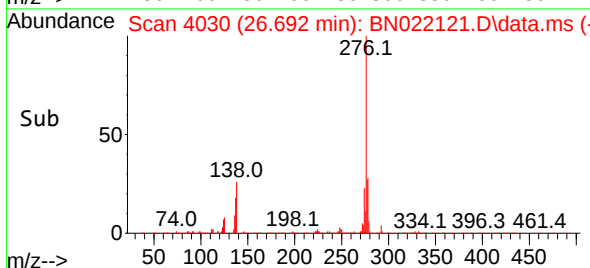
Reviewed By :Yogesh Patel 10/15/2022
 Supervised By :mohammad ahmed 10/16/2022

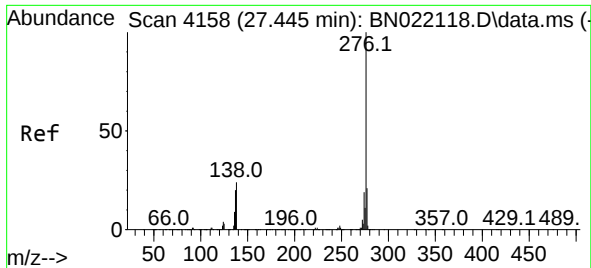


#95
 Dibenzo(a,h)anthracene
 Concen: 11.817 ng/ul
 RT: 26.692 min Scan# 4030
 Delta R.T. 0.018 min
 Lab File: BN022121.D
 Acq: 14 Oct 2022 13:04



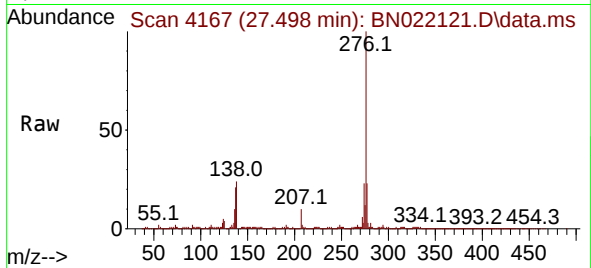
Tgt Ion:278 Resp: 619584
 Ion Ratio Lower Upper
 278 100
 139 0.0 15.7 23.5#
 279 24.6 16.5 24.7





#96
 Benzo(g,h,i)perylene
 Concen: 36.115 ng/ul
 RT: 27.498 min Scan# 4167
 Delta R.T. 0.041 min
 Lab File: BN022121.D
 Acq: 14 Oct 2022 13:04

Instrument :
 BNA_N
 ClientSampleId :
 C0BS0



Tgt Ion:276 Resp: 1904050
 Ion Ratio Lower Upper
 276 100
 138 24.1 21.2 31.8
 277 22.6 17.9 26.9

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/15/2022
 Supervised By :mohammad ahmed 10/16/2022

