

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062024\
 Data File : BN032101.D
 Acq On : 20 Jun 2024 18:00
 Operator : MA/JU
 Sample : P2710-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4B20

Manual Integrations
 APPROVED

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

Supervised By :mohammad
 ahmed
 06/21/2024

Quant Time: Jun 20 18:31:06 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	7.640	152	347689	20.000	ng/u1	0.00
20) Naphthalene-d8	10.416	136	1640533	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.281	164	1133631	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.034	188	2259544	20.000	ng/u1	0.00
79) Chrysene-d12	21.263	240	1580791	20.000	ng/u1	0.00
88) Perylene-d12	24.174	264	1469301	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.164	96	29610	3.523	ng/uL	0.00
4) Pyridine-d5	3.581	84	26956	1.139	ng/u1	0.01
7) Phenol-d5	6.816	99	703271	23.594	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.981	67	392224	22.497	ng/u1	0.00
11) 2-Chlorophenol-d4	7.169	132	595017	26.163	ng/u1	0.00
15) 4-Methylphenol-d8	8.346	113	616066	25.356	ng/u1	0.00
21) Nitrobenzene-d5	8.799	128	318350	25.380	ng/u1	0.00
24) 2-Nitrophenol-d4	9.510	143	349748	26.992	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.046	165	639061	26.419	ng/u1	0.00
31) 4-Chloroaniline-d4	10.563	131	746177	20.776	ng/u1	0.00
46) Dimethylphthalate-d6	13.698	166	2121840	26.867	ng/u1	0.00
49) Acenaphthylene-d8	13.975	160	2352716	25.908	ng/u1	0.00
54) 4-Nitrophenol-d4	14.504	143	311076	19.673	ng/u1	0.00
60) Fluorene-d10	15.281	176	1772580	26.527	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.410	200	280037	24.656	ng/u1	0.00
73) Anthracene-d10	17.128	188	2502188	25.866	ng/u1	0.00
81) Pyrene-d10	19.433	212	2418305	28.588	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.980	264	1239164	17.662	ng/u1	0.00
Target Compounds					Qvalue	
6) Benzaldehyde	6.793	77	265890	19.019	ng/u1	92
8) Phenol	6.840	94	57809	1.906	ng/u1#	90
16) Acetophenone	8.463	105	41031	1.114	ng/u1	96
72) Phenanthrene	17.075	178	868739	7.547	ng/u1	99
74) Anthracene	17.163	178	151542	1.299	ng/u1	99
80) Fluoranthene	19.092	202	1543490	15.268	ng/u1	98
82) Pyrene	19.457	202	1013883	9.775	ng/u1	97
85) Benzo(a)anthracene	21.245	228	539985	5.103	ng/u1	98
87) Chrysene	21.310	228	554469	5.610	ng/u1	96
90) Benzo(b)fluoranthene	23.257	252	557071	6.343	ng/u1	98
91) Benzo(k)fluoranthene	23.316	252	228934m	2.657	ng/u1	
93) Benzo(a)pyrene	24.033	252	195208	2.373	ng/u1	96
94) Indeno(1,2,3-cd)pyrene	27.445	276	160670	1.695	ng/u1	98

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

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Operator : MA/JU
Sample : P2710-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

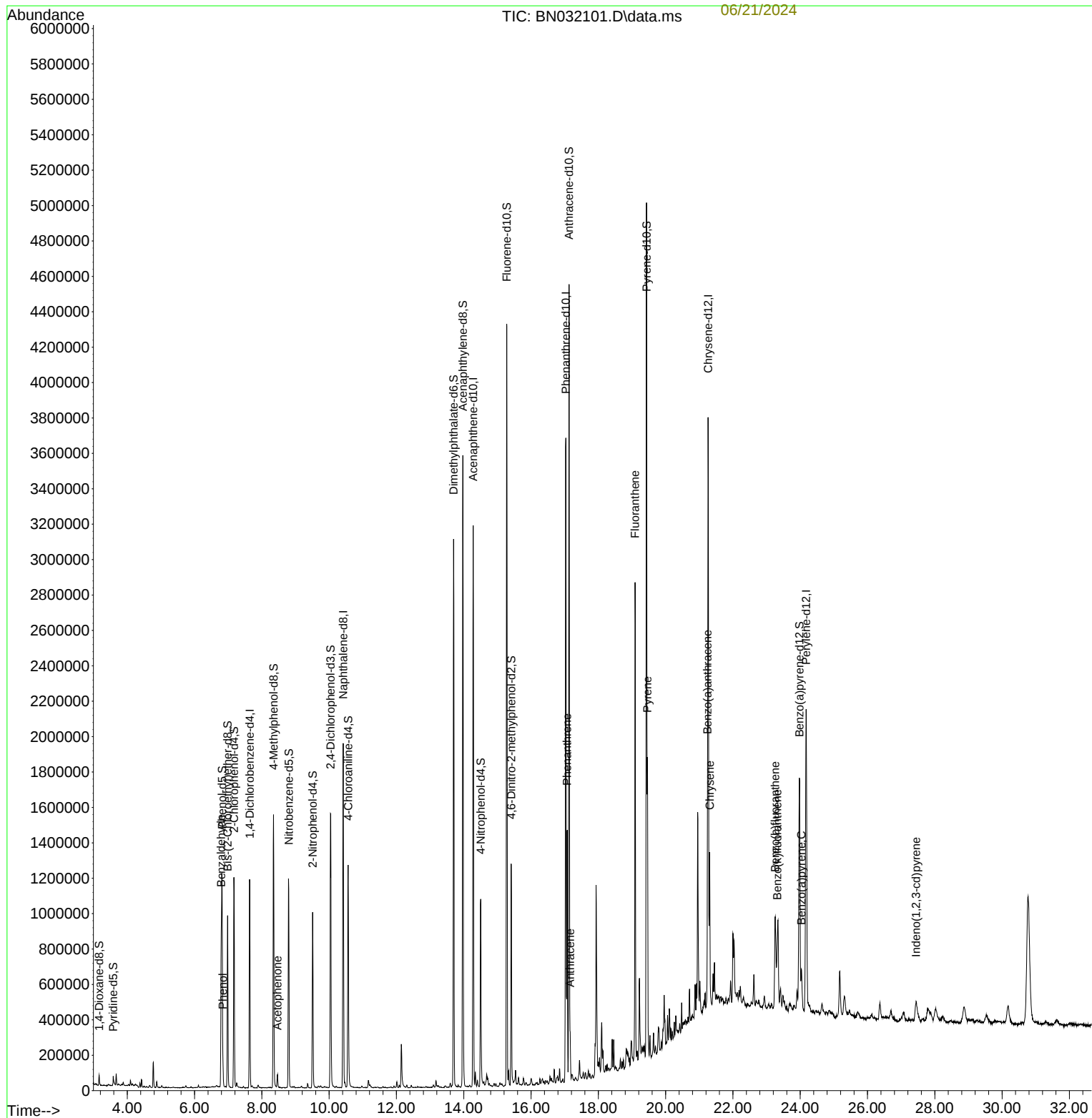
Instrument :
BNA_N
ClientSampleId :
A4B20

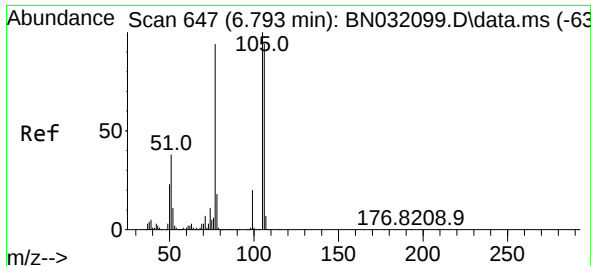
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Supervised By :mohammad ahmed 06/21/2024

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ahmed
06/21/2024

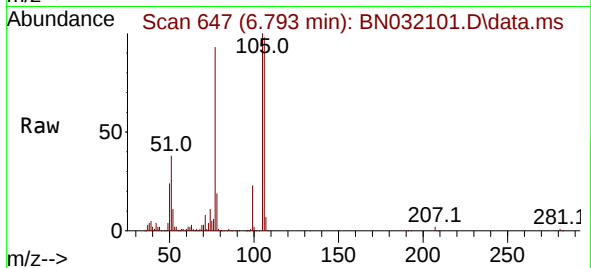
Quant Time: Jun 20 18:31:06 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 20 10:49:40 2024
Response via : Initial Calibration





#6
Benzaldehyde
Concen: 19.019 ng/ul
RT: 6.793 min Scan# 647
Delta R.T. 0.000 min
Lab File: BN032101.D
Acq: 20 Jun 2024 18:00

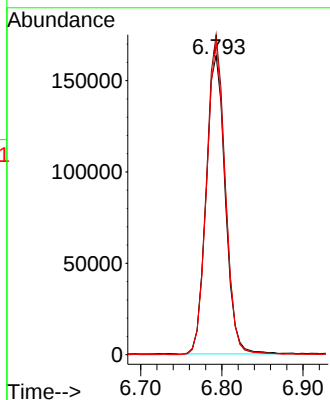
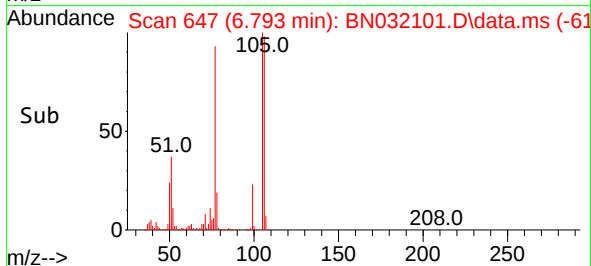
Instrument :
BNA_N
ClientSampleId :
A4B20



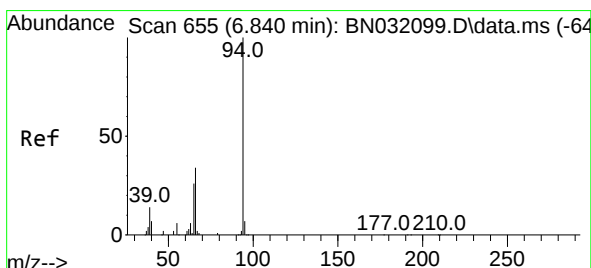
Tgt Ion: 77 Resp: 265890
Ion Ratio Lower Upper
77 100
105 107.0 80.2 120.4
106 104.8 76.8 115.2

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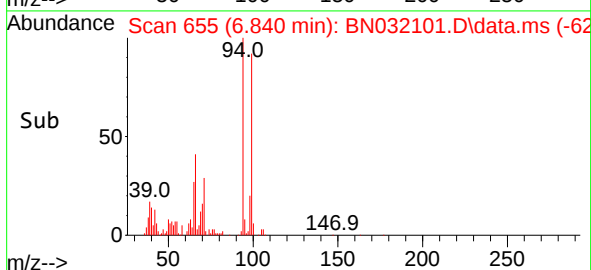
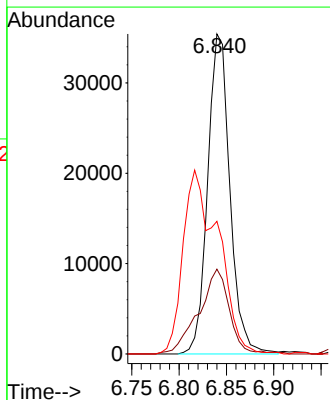
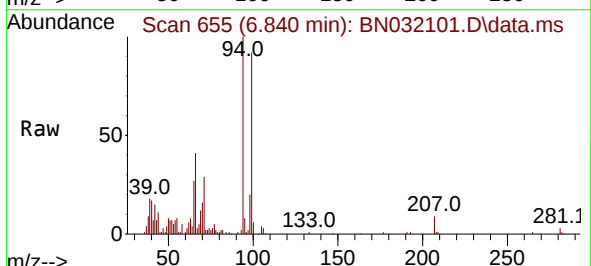


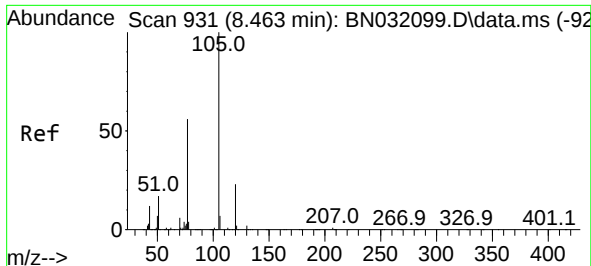
Supervised By :mohammad
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06/21/2024



#8
Phenol
Concen: 1.906 ng/ul
RT: 6.840 min Scan# 655
Delta R.T. 0.000 min
Lab File: BN032101.D
Acq: 20 Jun 2024 18:00

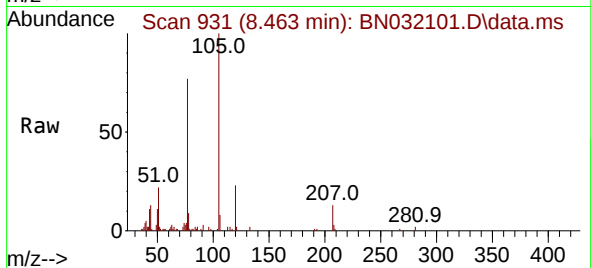
Tgt Ion: 94 Resp: 57809
Ion Ratio Lower Upper
94 100
65 26.5 20.3 30.5
66 41.5 25.8 38.8#





#16
Acetophenone
Concen: 1.114 ng/ul
RT: 8.463 min Scan# 91
Delta R.T. 0.000 min
Lab File: BN032101.D
Acq: 20 Jun 2024 18:00

Instrument :
BNA_N
ClientSampleId :
A4B20

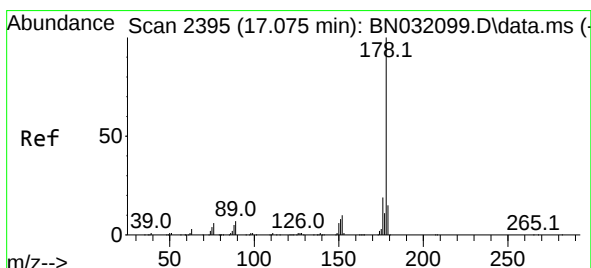
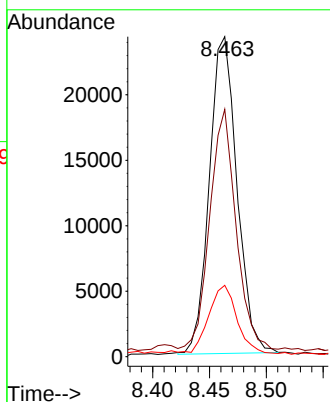
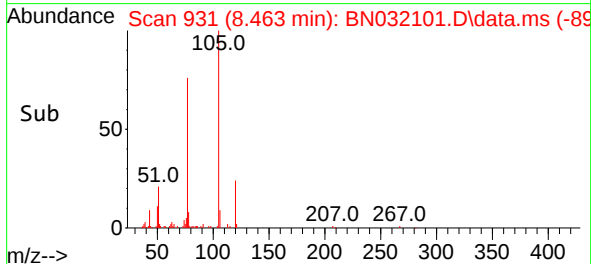


Tgt Ion:105 Resp: 4103
Ion Ratio Lower Upper
105 100
77 77.3 58.6 87.8
51 22.3 17.2 25.8

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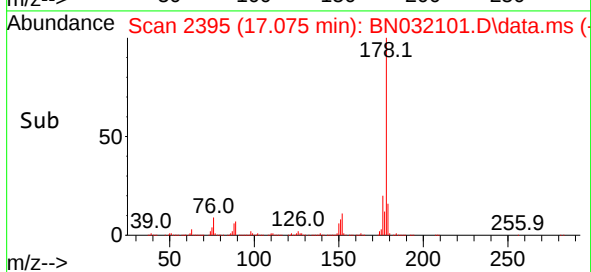
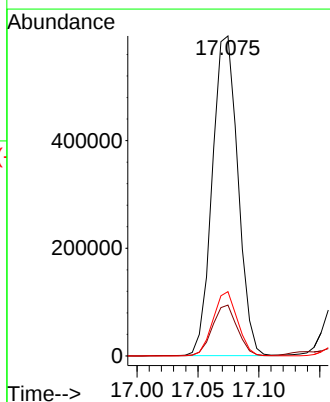
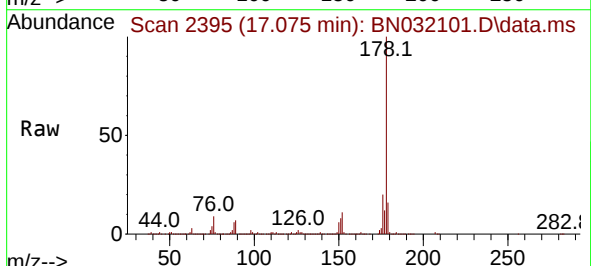
Reviewed By :Jagrut Upadhyay 06/21/2024
Supervised By :mohammad ahmed 06/21/2024

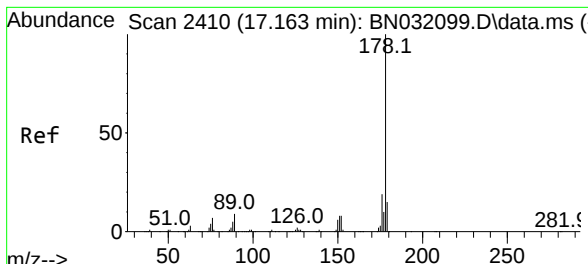
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#72
Phenanthrene
Concen: 7.547 ng/ul
RT: 17.075 min Scan# 2395
Delta R.T. 0.000 min
Lab File: BN032101.D
Acq: 20 Jun 2024 18:00

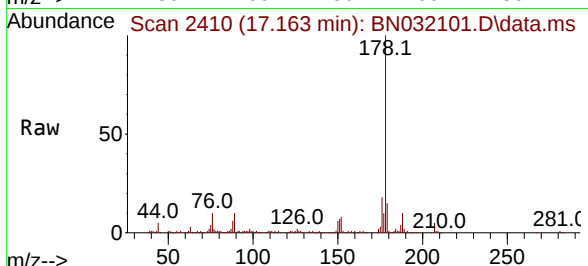
Tgt Ion:178 Resp: 868739
Ion Ratio Lower Upper
178 100
179 15.9 12.6 19.0
176 20.1 15.8 23.6





#74
 Anthracene
 Concen: 1.299 ng/ul
 RT: 17.163 min Scan# 2410
 Delta R.T. 0.000 min
 Lab File: BN032101.D
 Acq: 20 Jun 2024 18:00

Instrument :
 BNA_N
 ClientSampleId :
 A4B20



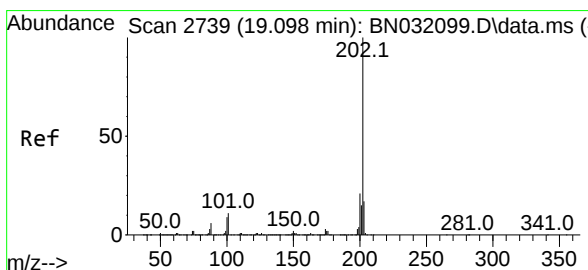
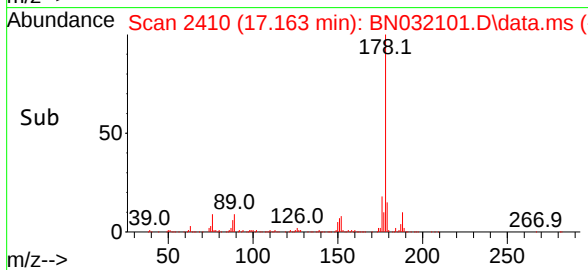
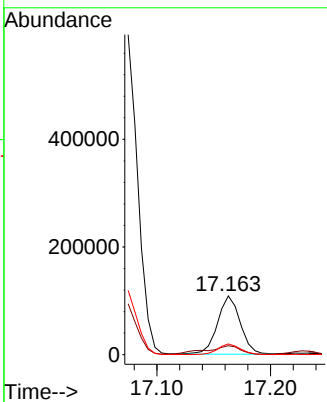
Tgt Ion:178 Resp: 15154

Ion	Ratio	Lower	Upper
178	100		
179	15.4	11.8	17.6
176	18.2	14.8	22.2

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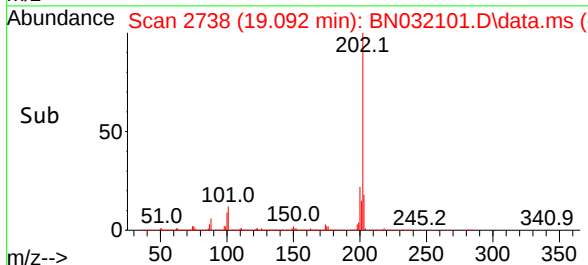
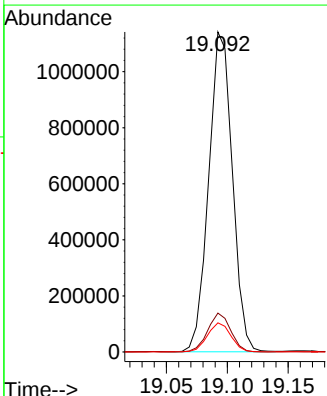
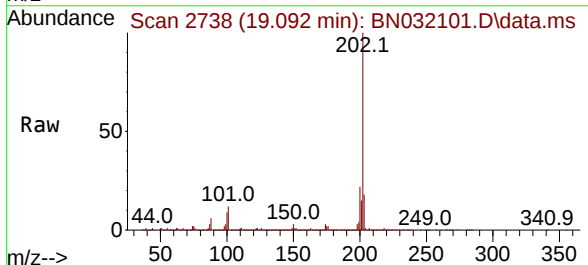
Supervised By :mohammad
 ahmed
 06/21/2024

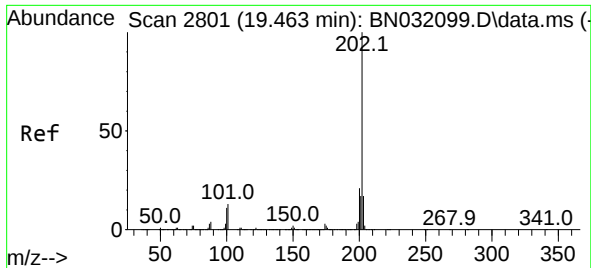


#80
 Fluoranthene
 Concen: 15.268 ng/ul
 RT: 19.092 min Scan# 2738
 Delta R.T. -0.006 min
 Lab File: BN032101.D
 Acq: 20 Jun 2024 18:00

Tgt Ion:202 Resp: 1543490

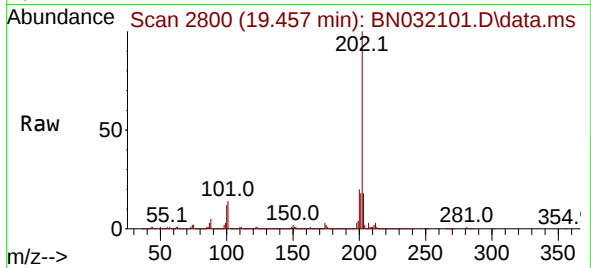
Ion	Ratio	Lower	Upper
202	100		
101	12.2	10.3	15.5
100	9.1	8.0	12.0





#82
Pyrene
Concen: 9.775 ng/ul
RT: 19.457 min Scan# 2103
Delta R.T. -0.006 min
Lab File: BN032101.D
Acq: 20 Jun 2024 18:00

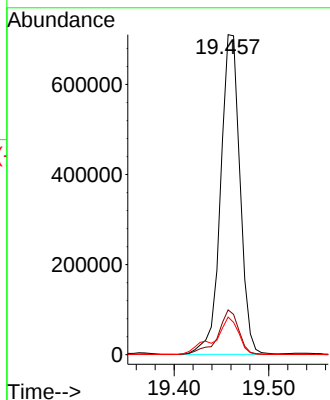
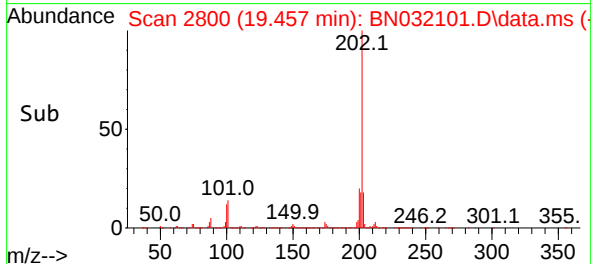
Instrument :
BNA_N
ClientSampleId :
A4B20



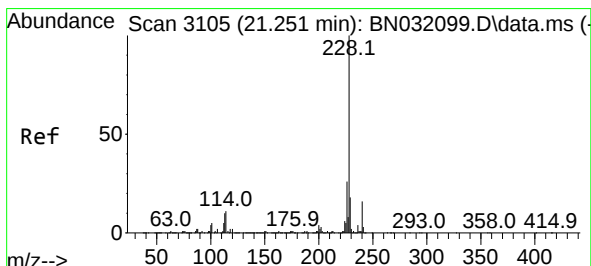
Tgt Ion:202 Resp: 101388
Ion Ratio Lower Upper
202 100
101 14.0 12.6 18.8
100 11.8 10.2 15.2

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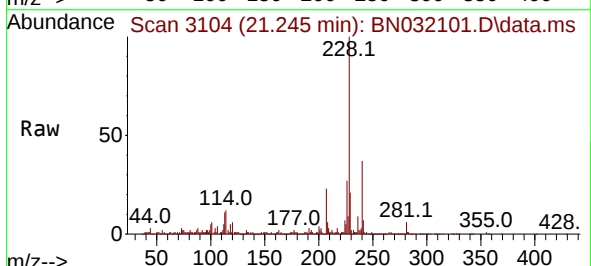
Reviewed By :Jagrut Upadhyay 06/21/2024
Supervised By :mohammad ahmed 06/21/2024



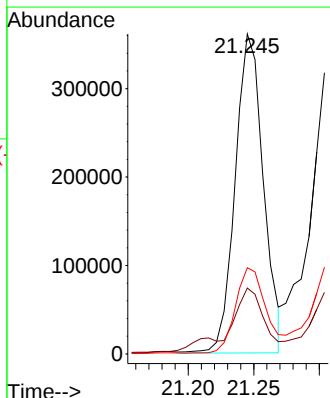
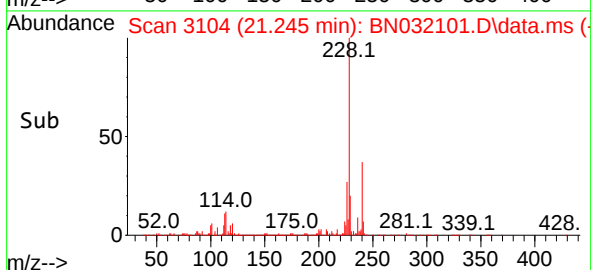
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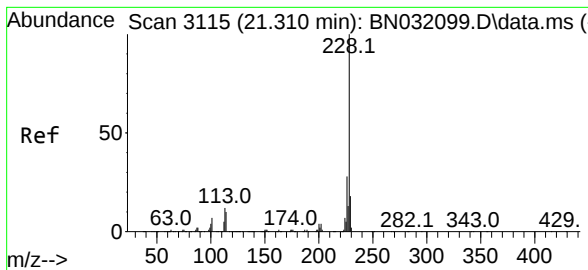


#85
Benzo(a)anthracene
Concen: 5.103 ng/ul
RT: 21.245 min Scan# 3104
Delta R.T. -0.006 min
Lab File: BN032101.D
Acq: 20 Jun 2024 18:00



Tgt Ion:228 Resp: 539985
Ion Ratio Lower Upper
228 100
229 20.6 16.7 25.1
226 26.9 22.8 34.2





#87

Chrysene

Concen: 5.610 ng/ul

RT: 21.310 min Scan# 3115

Delta R.T. 0.000 min

Lab File: BN032101.D

Acq: 20 Jun 2024 18:00

Instrument :

BNA_N

ClientSampleId :

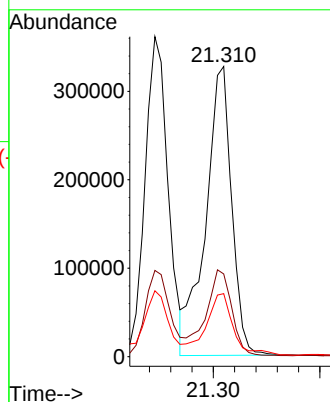
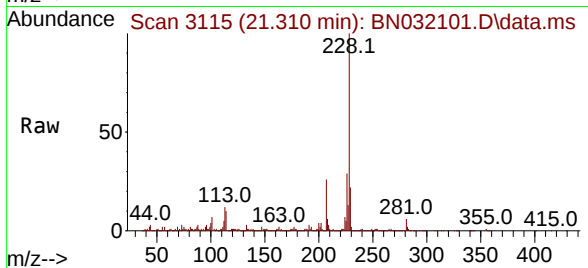
A4B20

Tgt Ion:	228	Resp:	554469
Ion Ratio	Lower	Upper	
228	100		
226	28.5	23.7	35.5
229	21.8	15.1	22.7

Manual Integrations

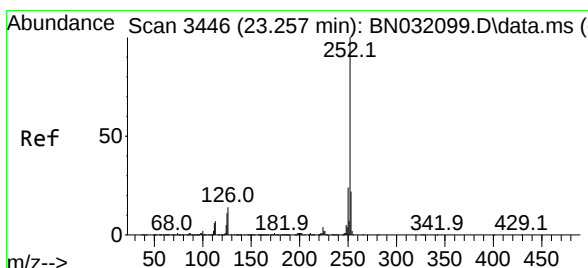
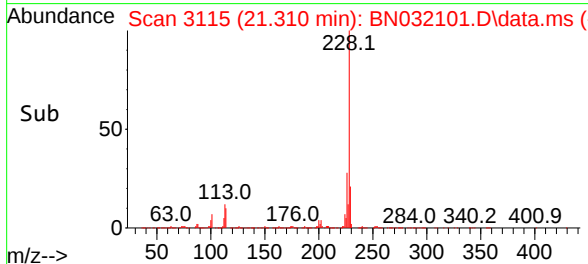
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06/21/2024
Supervised By :mohammad
ahmed

06/21/2024



#90

Benzo(b)fluoranthene

Concen: 6.343 ng/ul

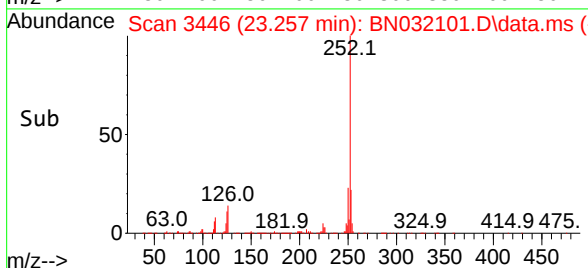
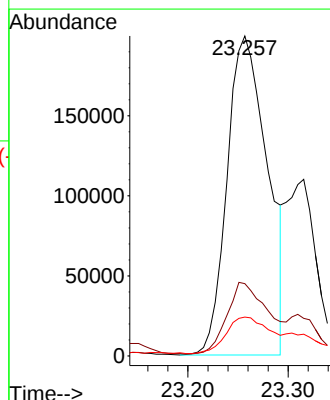
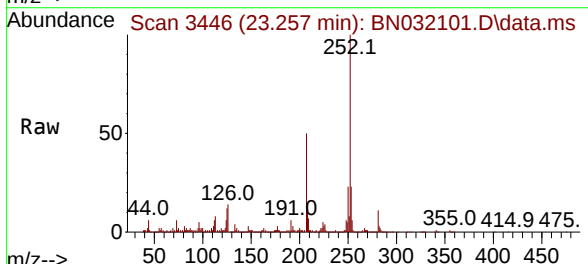
RT: 23.257 min Scan# 3446

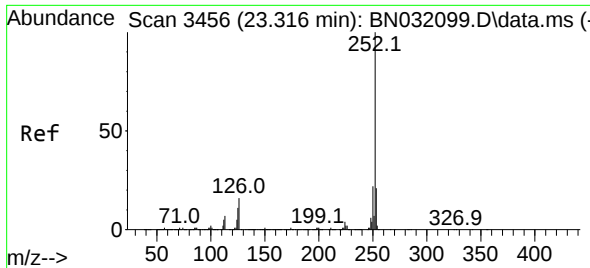
Delta R.T. -0.006 min

Lab File: BN032101.D

Acq: 20 Jun 2024 18:00

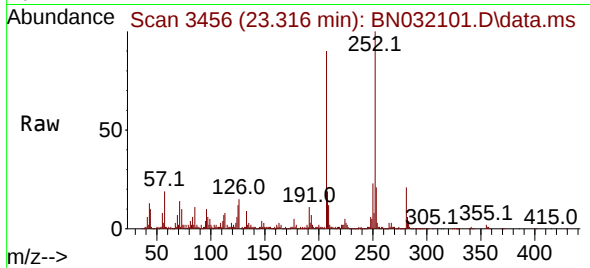
Tgt Ion:	252	Resp:	557071
Ion Ratio	Lower	Upper	
252	100		
253	22.6	17.0	25.6
125	12.1	9.2	13.8





#91
Benzo(k)fluoranthene
Concen: 2.657 ng/ul m
RT: 23.316 min Scan# 3456
Delta R.T. -0.006 min
Lab File: BN032101.D
Acq: 20 Jun 2024 18:00

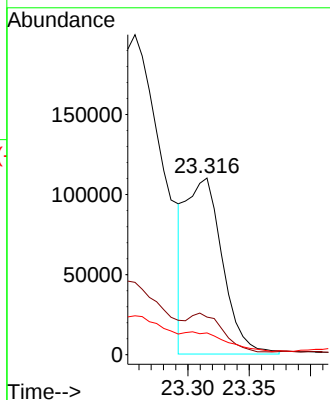
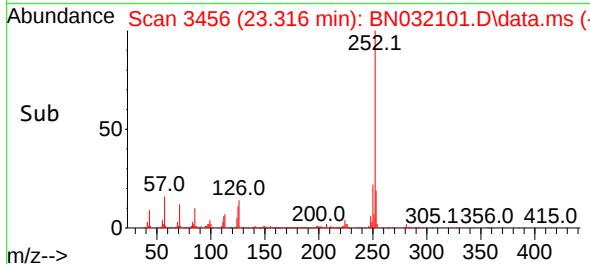
Instrument :
BNA_N
ClientSampleId :
A4B20



Tgt Ion:252 Resp: 228934
Ion Ratio Lower Upper
252 100
253 21.3 17.6 26.4
125 12.4 9.4 14.2

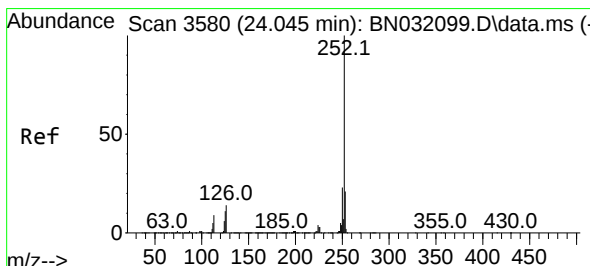
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Supervised By :mohammad ahmed 06/21/2024

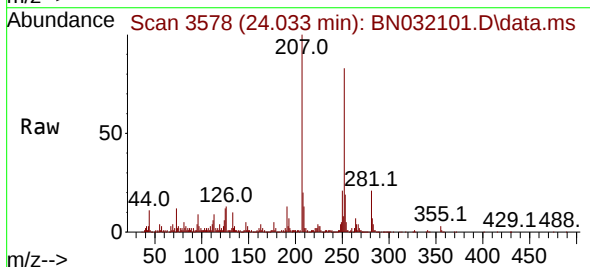


06/21/2024
Supervised By :mohammad
ahmed

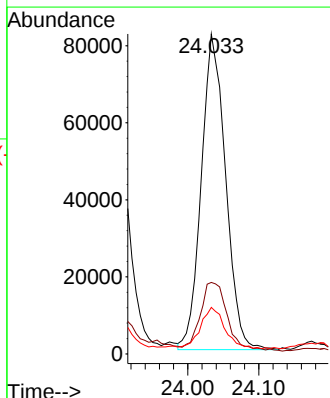
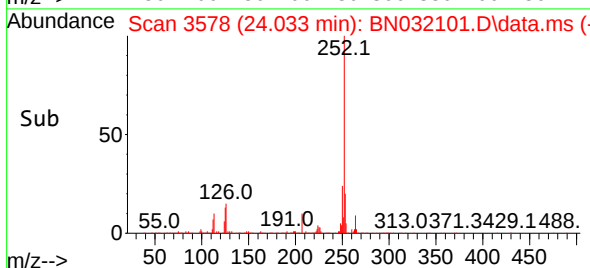
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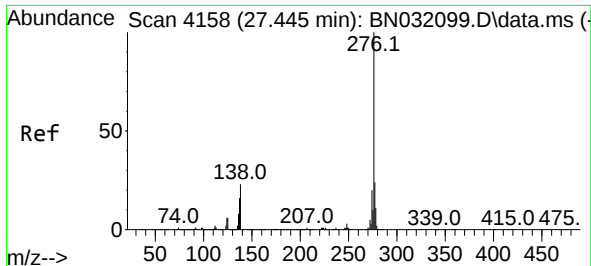


#93
Benzo(a)pyrene
Concen: 2.373 ng/ul
RT: 24.033 min Scan# 3578
Delta R.T. -0.006 min
Lab File: BN032101.D
Acq: 20 Jun 2024 18:00



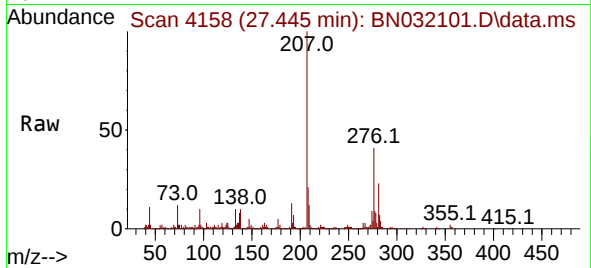
Tgt Ion:252 Resp: 195208
Ion Ratio Lower Upper
252 100
253 22.3 16.6 24.8
125 14.5 9.8 14.8





#94
 Indeno(1,2,3-cd)pyrene
 Concen: 1.695 ng/ul
 RT: 27.445 min Scan# 4158
 Delta R.T. 0.000 min
 Lab File: BN032101.D
 Acq: 20 Jun 2024 18:00

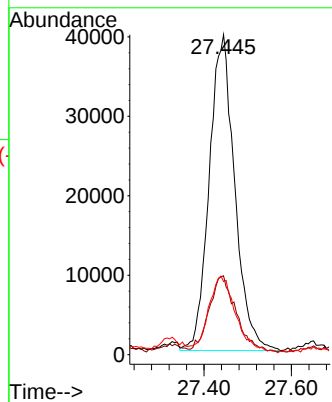
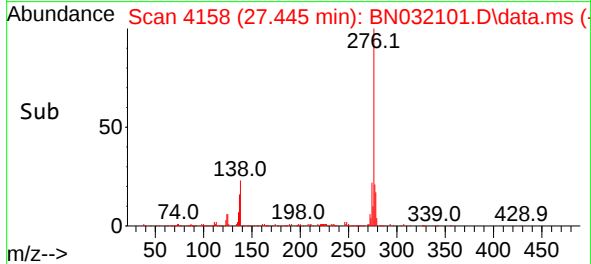
Instrument :
 BNA_N
 ClientSampleId :
 A4B20



Tgt Ion: 276 Resp: 160670
 Ion Ratio Lower Upper
 276 100
 138 24.7 18.1 27.1
 277 22.8 18.2 27.2

Manual Integrations
 APPROVED

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



06/21/2024
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 ahmed

06/21/2024