

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062024\
 Data File : BN032122.D
 Acq On : 21 Jun 2024 08:24
 Operator : MA/JU
 Sample : P2710-03
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4B23

Manual Integrations
 APPROVED

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

Quant Time: Jun 21 08:57:08 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	7.634	152	470994	20.000	ng/u1	0.00
20) Naphthalene-d8	10.416	136	2185173	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.281	164	1429612	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.033	188	2600537	20.000	ng/u1	0.00
79) Chrysene-d12	21.269	240	1552165	20.000	ng/u1	0.00
88) Perylene-d12	24.186	264	1810963	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.164	96	44729	3.929	ng/uL	0.00
4) Pyridine-d5	3.575	84	110525	3.449	ng/u1	0.00
7) Phenol-d5	6.816	99	1110542	27.504	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.981	67	587865	24.891	ng/u1	0.00
11) 2-Chlorophenol-d4	7.169	132	960874	31.188	ng/u1	0.00
15) 4-Methylphenol-d8	8.346	113	962948	29.257	ng/u1	0.00
21) Nitrobenzene-d5	8.793	128	500311	29.945	ng/u1	0.00
24) 2-Nitrophenol-d4	9.510	143	565683	32.776	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.046	165	999139	31.009	ng/u1	0.00
31) 4-Chloroaniline-d4	10.563	131	736332	15.392	ng/u1	0.00
46) Dimethylphthalate-d6	13.698	166	3020031	30.323	ng/u1	0.00
49) Acenaphthylene-d8	13.975	160	3397382	29.666	ng/u1	0.00
54) 4-Nitrophenol-d4	14.510	143	478997	24.020	ng/u1	0.00
60) Fluorene-d10	15.281	176	2494452	29.601	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.416	200	389018	29.761	ng/u1	0.00
73) Anthracene-d10	17.133	188	3446604	30.957	ng/u1	0.00
81) Pyrene-d10	19.439	212	2686319	32.342	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.992	264	1836942	21.243	ng/u1	0.01
Target Compounds						
					Qvalue	
8) Phenol	6.846	94	51645	1.257	ng/u1#	92
16) Acetophenone	8.463	105	110788	2.221	ng/u1	97
30) Naphthalene	10.463	128	233115	2.061	ng/u1	98
36) 2-Methylnaphthalene	12.081	142	167422	2.166	ng/u1	99
37) 1-Methylnaphthalene	12.304	142	134339	1.732	ng/u1	96
52) Acenaphthene	14.345	153	536500	6.265	ng/u1	99
56) Dibenzofuran	14.681	168	408756	3.513	ng/u1	99
61) Fluorene	15.334	166	392992	4.195	ng/u1	91
72) Phenanthrene	17.080	178	6968041	52.599	ng/u1	100
74) Anthracene	17.169	178	1054592	7.856	ng/u1	100
77) Carbazole	17.439	167	659385	5.761	ng/u1	99
80) Fluoranthene	19.104	202	7528306	75.841	ng/u1	95
82) Pyrene	19.469	202	5668224	55.655	ng/u1	94
85) Benzo(a)anthracene	21.251	228	2826130	27.202	ng/u1	99
86) Bis(2-ethylhexyl)phtha...	21.174	149	272039	3.880	ng/u1	97
87) Chrysene	21.316	228	3317624	34.187	ng/u1	97
90) Benzo(b)fluoranthene	23.268	252	3707356	34.250	ng/u1	97
91) Benzo(k)fluoranthene	23.321	252	1164875	10.967	ng/u1	98
93) Benzo(a)pyrene	24.051	252	1385890	13.670	ng/u1	98
94) Indeno(1,2,3-cd)pyrene	27.468	276	1175074	10.058	ng/u1	96
95) Dibenzo(a,h)anthracene	27.503	278	437794m	4.590	ng/u1	
96) Benzo(g,h,i)perylene	28.492	276	166399m	1.792	ng/u1	

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062024\
Data File : BN032122.D
Acq On : 21 Jun 2024 08:24
Operator : MA/JU
Sample : P2710-03
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B23

Manual Integrations
APPROVED

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

Quant Time: Jun 21 08:57:08 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)

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

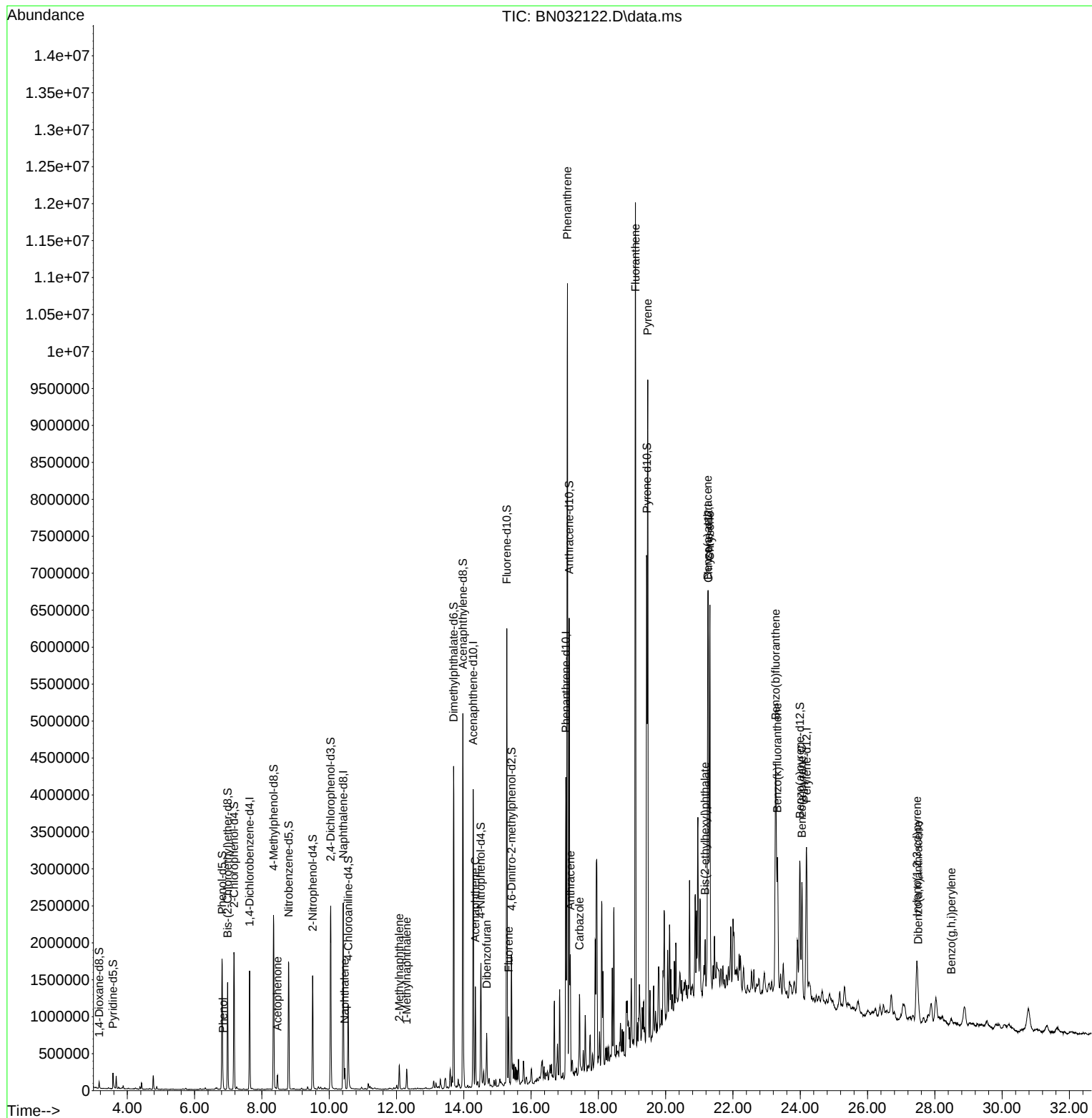
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062024\
Data File : BN032122.D
Acq On : 21 Jun 2024 08:24
Operator : MA/JU
Sample : P2710-03
Misc :
ALS Vial : 31 Sample Multiplier: 1

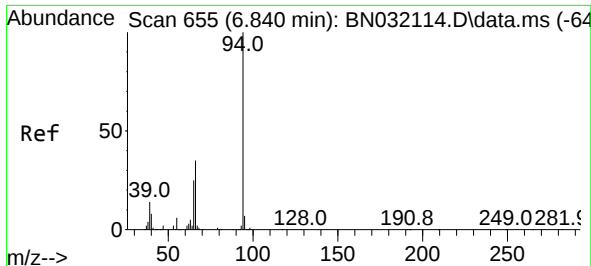
Instrument :
BNA_N
ClientSampleId :
A4B23

Manual Integrations
APPROVED

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

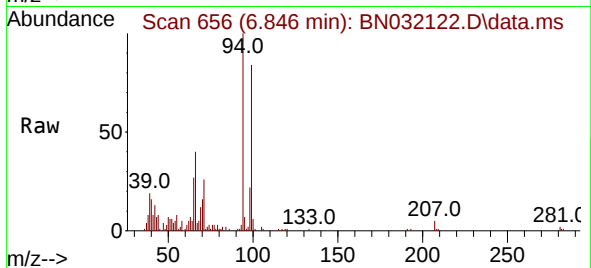
Quant Time: Jun 21 08:57:08 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 20 10:49:40 2024
Response via : Initial Calibration





#8
Phenol
Concen: 1.257 ng/ul
RT: 6.846 min Scan# 616
Delta R.T. 0.006 min
Lab File: BN032122.D
Acq: 21 Jun 2024 08:24

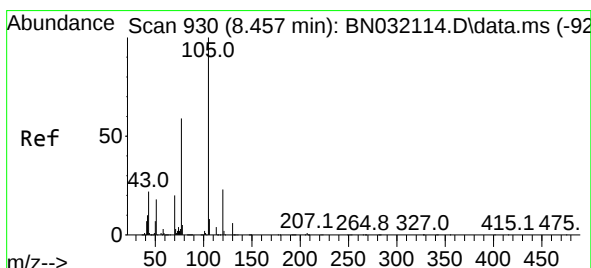
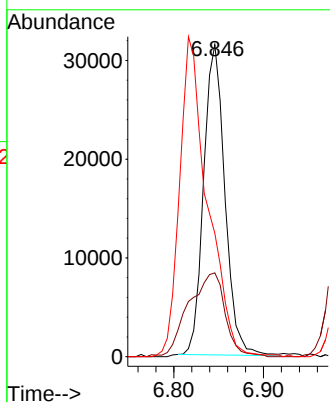
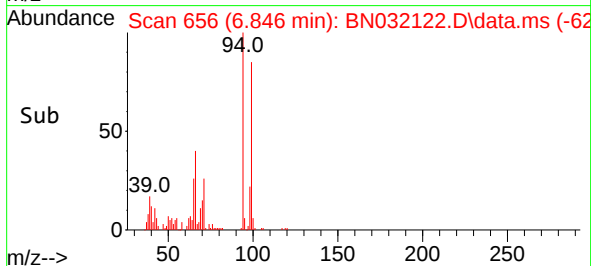
Instrument :
BNA_N
ClientSampleId :
A4B23



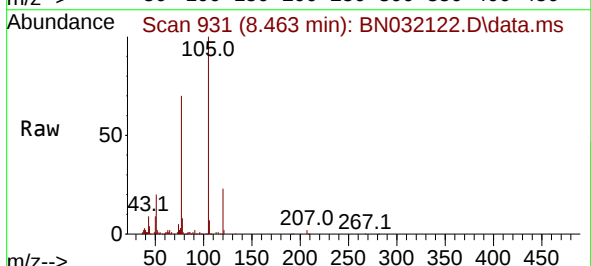
Tgt Ion: 94 Resp: 51649
Ion Ratio Lower Upper
94 100
65 26.9 20.3 30.5
66 39.5 25.8 38.8

Manual Integrations
APPROVED

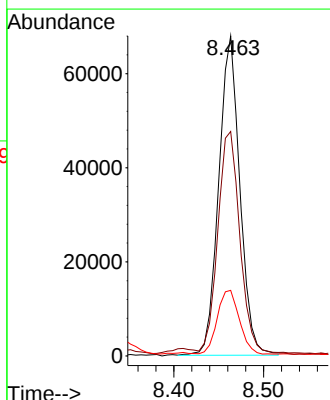
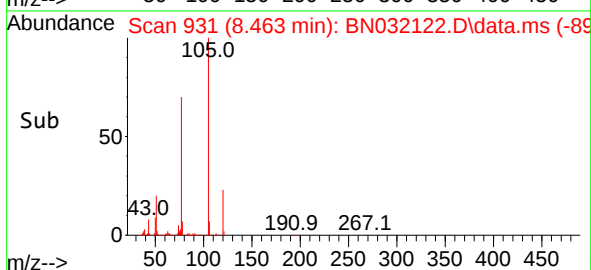
Reviewed By :Jagrut Upadhyay 06/21/2024
Supervised By :mohammad ahmed 06/21/2024

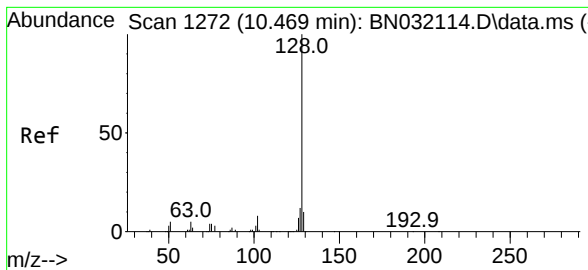


#16
Acetophenone
Concen: 2.221 ng/ul
RT: 8.463 min Scan# 931
Delta R.T. 0.000 min
Lab File: BN032122.D
Acq: 21 Jun 2024 08:24



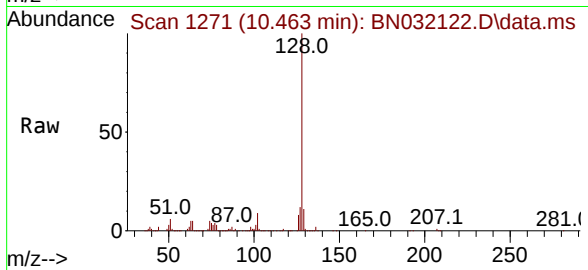
Tgt Ion:105 Resp: 110788
Ion Ratio Lower Upper
105 100
77 70.1 58.6 87.8
51 20.5 17.2 25.8





#30
Naphthalene
Concen: 2.061 ng/ul
RT: 10.463 min Scan# 1271
Delta R.T. -0.006 min
Lab File: BN032122.D
Acq: 21 Jun 2024 08:24

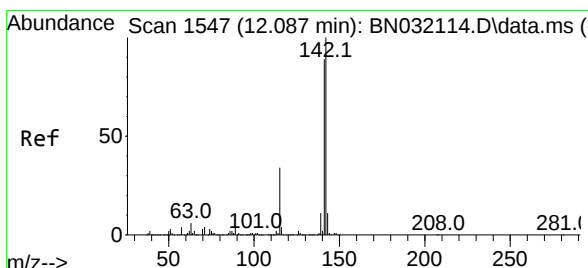
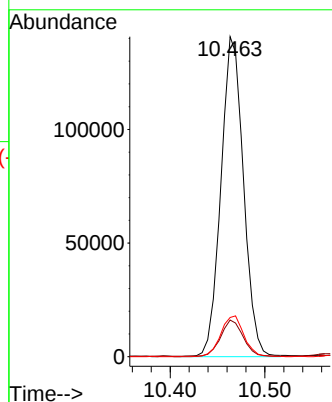
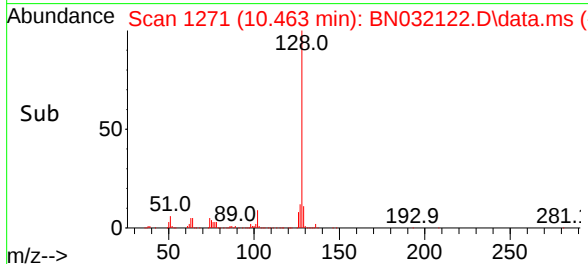
Instrument :
BNA_N
ClientSampleId :
A4B23



Tgt Ion:128 Resp: 233115
Ion Ratio Lower Upper
128 100
129 11.5 8.5 12.7
127 12.3 10.3 15.5

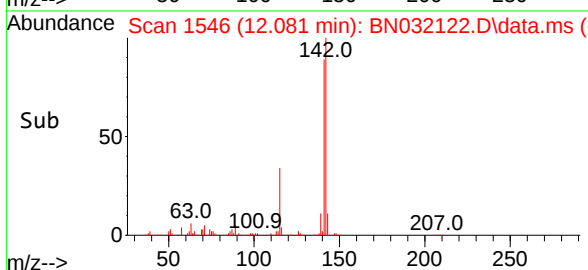
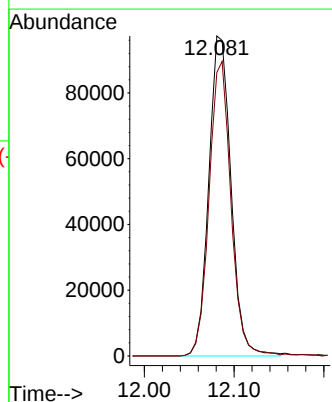
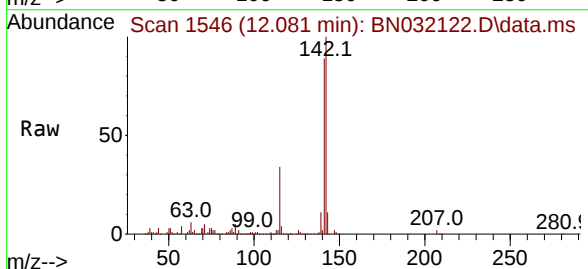
Manual Integrations
APPROVED

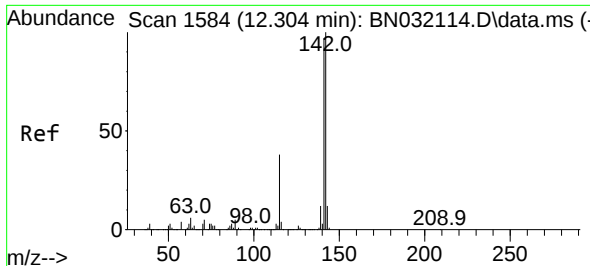
Reviewed By :Jagrut Upadhyay 06/21/2024
Supervised By :mohammad ahmed 06/21/2024



#36
2-Methylnaphthalene
Concen: 2.166 ng/ul
RT: 12.081 min Scan# 1546
Delta R.T. -0.006 min
Lab File: BN032122.D
Acq: 21 Jun 2024 08:24

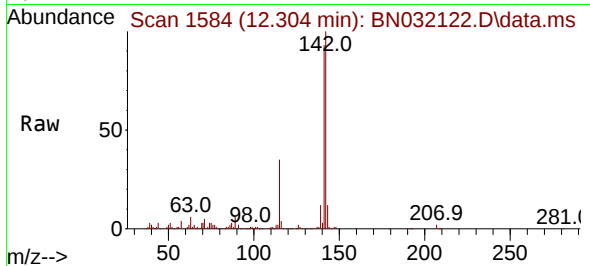
Tgt Ion:142 Resp: 167422
Ion Ratio Lower Upper
142 100
141 88.6 70.1 105.1





#37
1-Methylnaphthalene
Concen: 1.732 ng/ul
RT: 12.304 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN032122.D
Acq: 21 Jun 2024 08:24

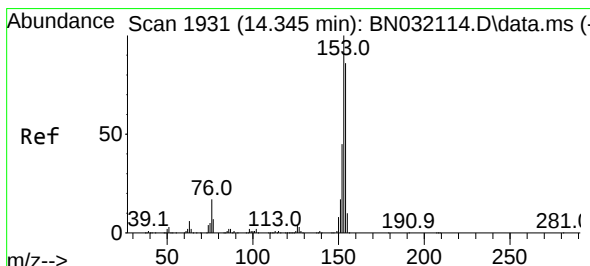
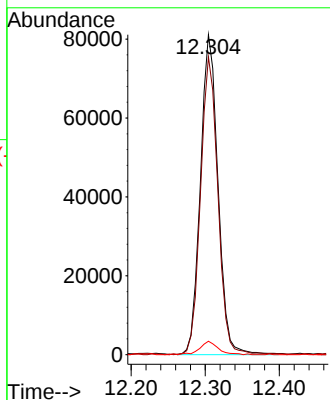
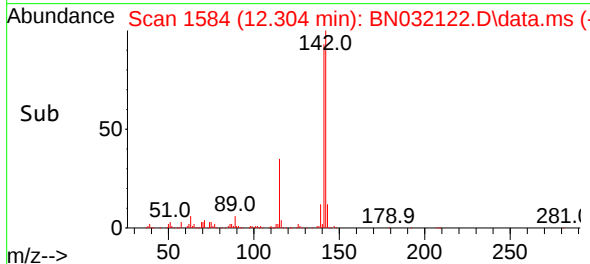
Instrument :
BNA_N
ClientSampleId :
A4B23



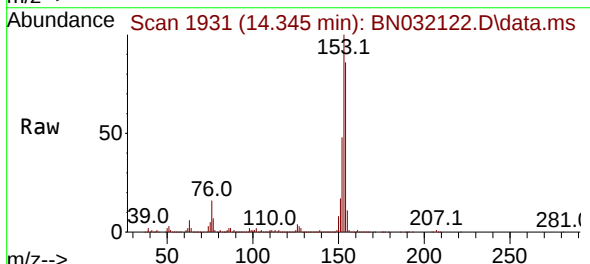
Tgt Ion:142 Resp: 134339
Ion Ratio Lower Upper
142 100
141 93.1 71.7 107.5
116 4.2 3.0 4.4

Manual Integrations
APPROVED

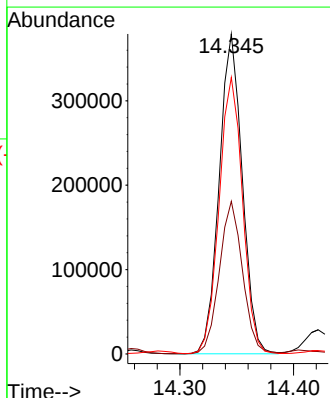
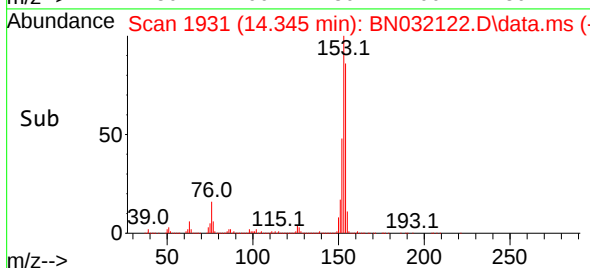
Reviewed By :Jagrut Upadhyay 06/21/2024
Supervised By :mohammad ahmed 06/21/2024

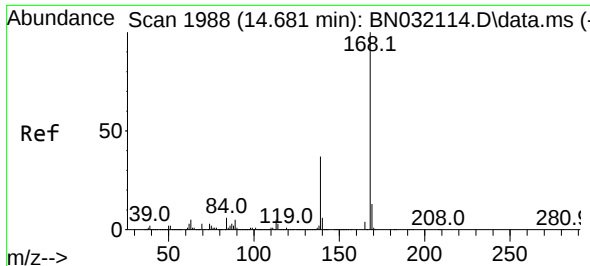


#52
Acenaphthene
Concen: 6.265 ng/ul
RT: 14.345 min Scan# 1931
Delta R.T. 0.000 min
Lab File: BN032122.D
Acq: 21 Jun 2024 08:24



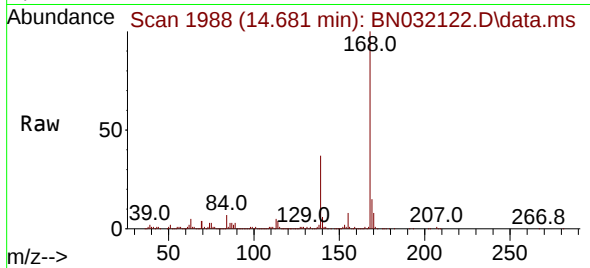
Tgt Ion:153 Resp: 536500
Ion Ratio Lower Upper
153 100
152 47.7 37.8 56.6
154 86.4 69.8 104.8





#56
Dibenzenofuran
Concen: 3.513 ng/u1
RT: 14.681 min Scan# 1988
Delta R.T. 0.000 min
Lab File: BN032122.D
Acq: 21 Jun 2024 08:24

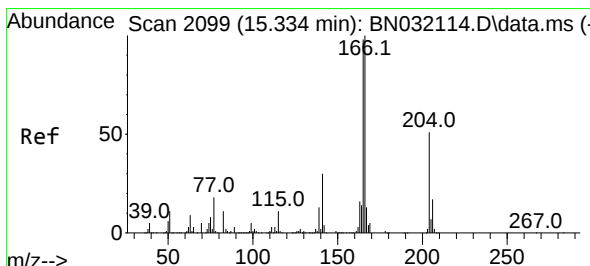
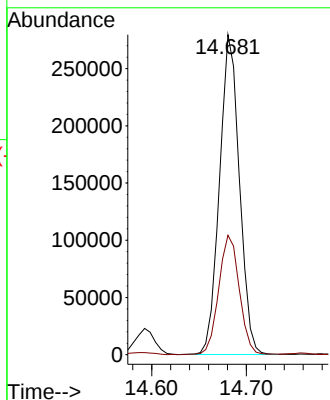
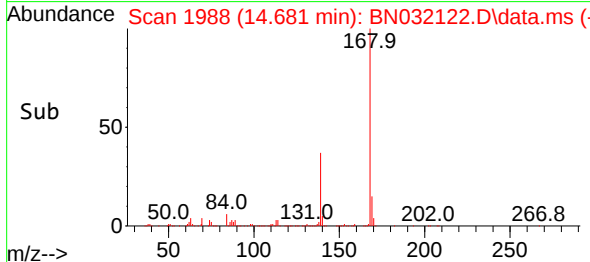
Instrument :
BNA_N
ClientSampleId :
A4B23



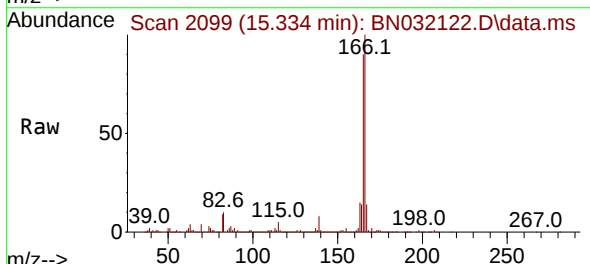
Tgt Ion:168 Resp: 408750
Ion Ratio Lower Upper
168 100
139 37.3 29.4 44.0

Manual Integrations
APPROVED

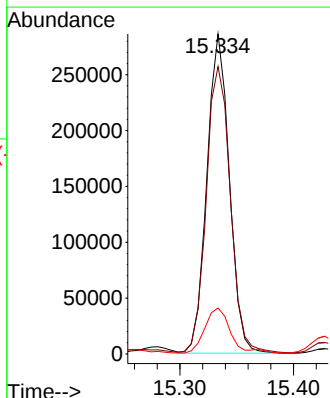
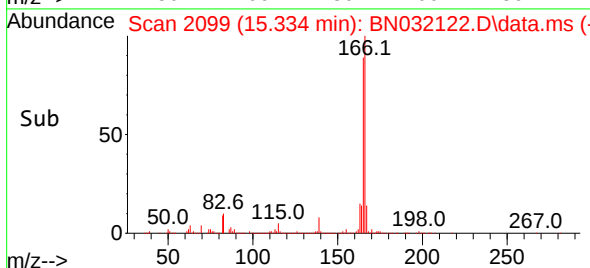
Reviewed By :Jagrut Upadhyay 06/21/2024
Supervised By :mohammad ahmed 06/21/2024

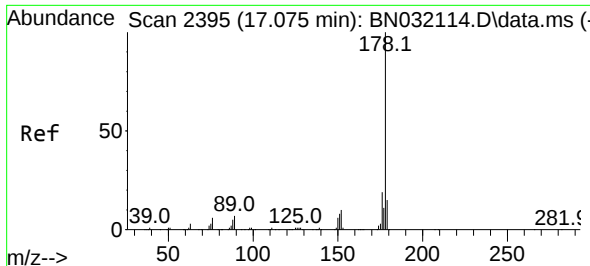


#61
Fluorene
Concen: 4.195 ng/u1
RT: 15.334 min Scan# 2099
Delta R.T. 0.000 min
Lab File: BN032122.D
Acq: 21 Jun 2024 08:24



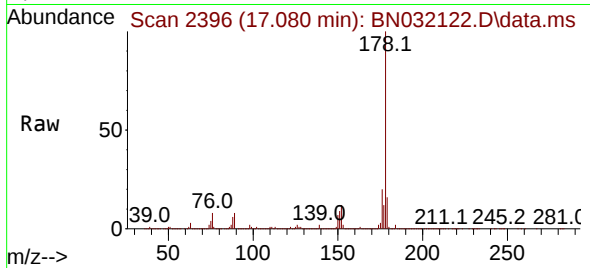
Tgt Ion:166 Resp: 392992
Ion Ratio Lower Upper
166 100
165 89.8 80.3 120.5
167 14.3 11.3 16.9





#72
Phenanthrene
Concen: 52.599 ng/ul
RT: 17.080 min Scan# 21
Delta R.T. 0.006 min
Lab File: BN032122.D
Acq: 21 Jun 2024 08:24

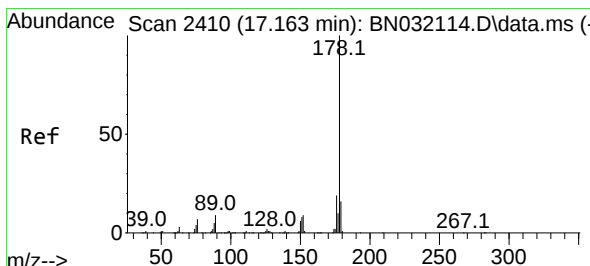
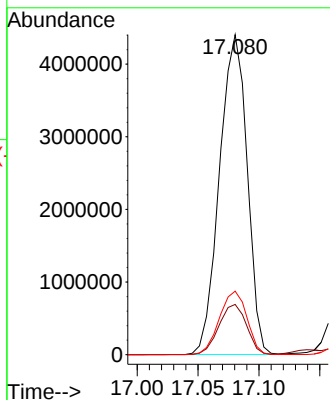
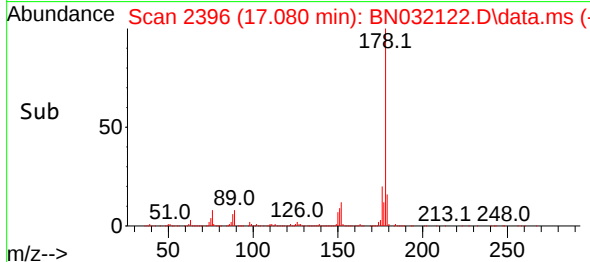
Instrument :
BNA_N
ClientSampleId :
A4B23



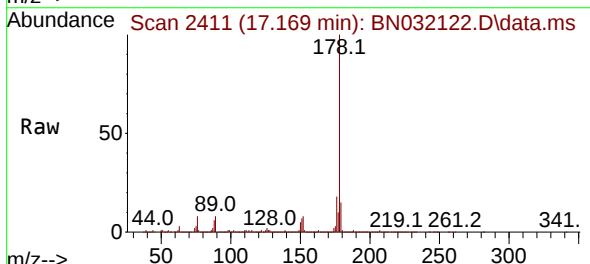
Tgt Ion:178 Resp: 696804
Ion Ratio Lower Upper
178 100
179 15.7 12.6 19.0
176 19.9 15.8 23.6

Manual Integrations
APPROVED

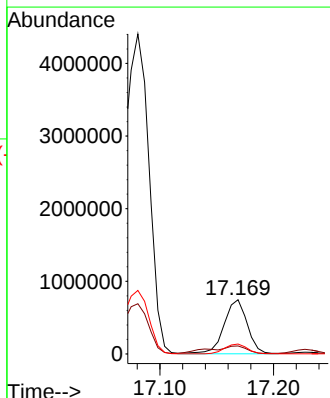
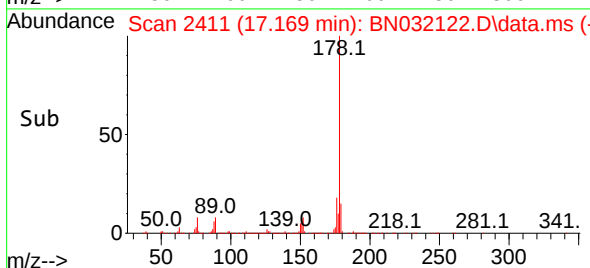
Reviewed By :Jagrut Upadhyay 06/21/2024
Supervised By :mohammad ahmed 06/21/2024

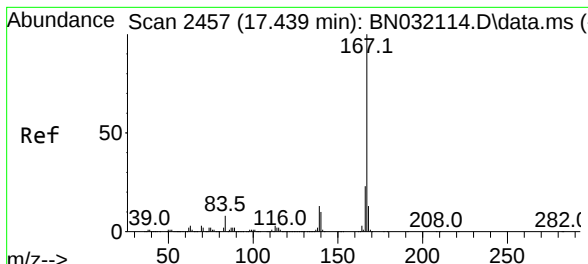


#74
Anthracene
Concen: 7.856 ng/ul
RT: 17.169 min Scan# 2411
Delta R.T. 0.006 min
Lab File: BN032122.D
Acq: 21 Jun 2024 08:24



Tgt Ion:178 Resp: 1054592
Ion Ratio Lower Upper
178 100
179 14.7 11.8 17.6
176 18.2 14.8 22.2





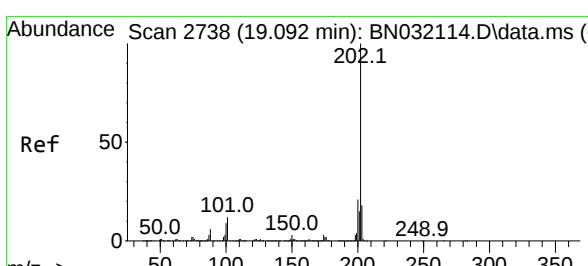
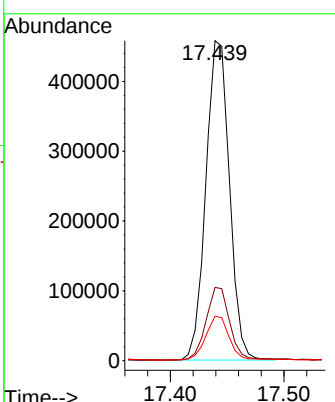
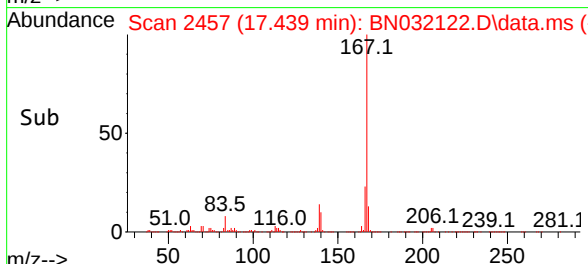
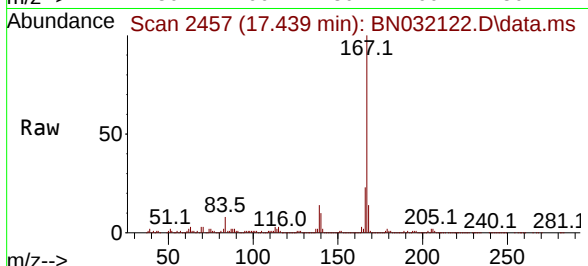
#77
 Carbazole
 Concen: 5.761 ng/ul
 RT: 17.439 min Scan# 2457
 Delta R.T. 0.000 min
 Lab File: BN032122.D
 Acq: 21 Jun 2024 08:24

Instrument : BNA_N
 ClientSampleId : A4B23

Tgt Ion:167 Resp: 65938

Ion	Ratio	Lower	Upper
167	100		
166	22.9	17.9	26.9
139	13.9	10.5	15.7

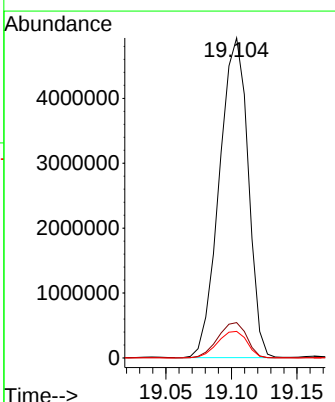
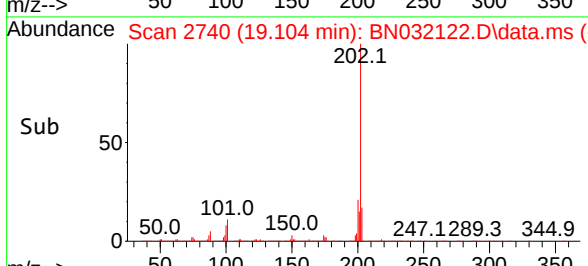
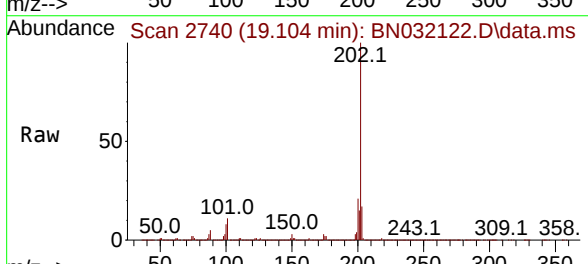
Manual Integrations
APPROVED
 Reviewed By :Jagrut Upadhyay 06/21/2024
 Supervised By :mohammad ahmed 06/21/2024

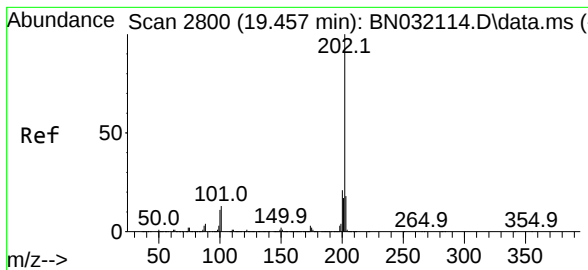


#80
 Fluoranthene
 Concen: 75.841 ng/ul
 RT: 19.104 min Scan# 2740
 Delta R.T. 0.006 min
 Lab File: BN032122.D
 Acq: 21 Jun 2024 08:24

Tgt Ion:202 Resp: 7528306

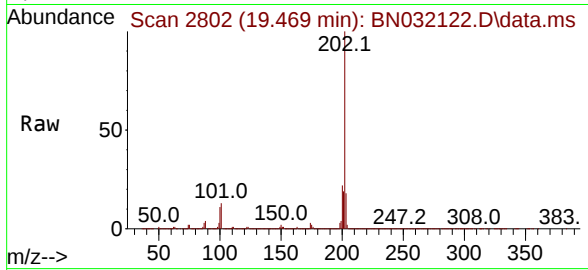
Ion	Ratio	Lower	Upper
202	100		
101	11.0	10.3	15.5
100	8.3	8.0	12.0





#82
 Pyrene
 Concen: 55.655 ng/ul
 RT: 19.469 min Scan# 2105
 Delta R.T. 0.006 min
 Lab File: BN032122.D
 Acq: 21 Jun 2024 08:24

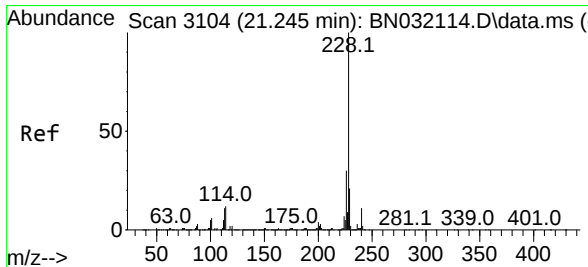
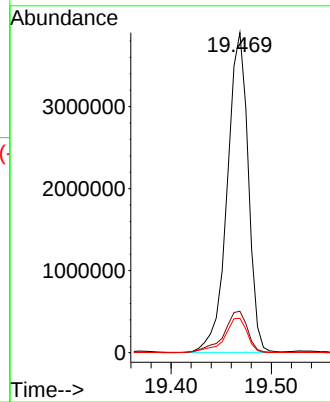
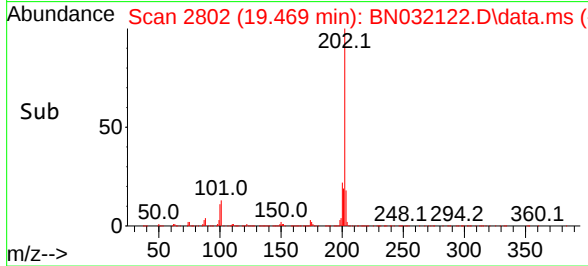
Instrument :
 BNA_N
 ClientSampleId :
 A4B23



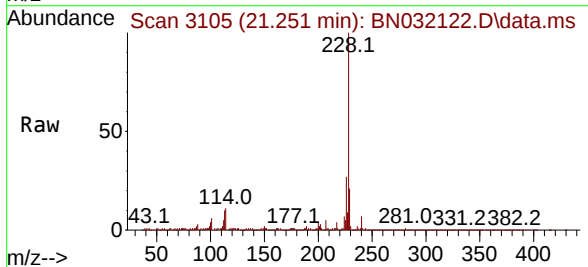
Tgt Ion:202 Resp: 5668224
 Ion Ratio Lower Upper
 202 100
 101 13.0 12.6 18.8
 100 10.8 10.2 15.2

Manual Integrations
 APPROVED

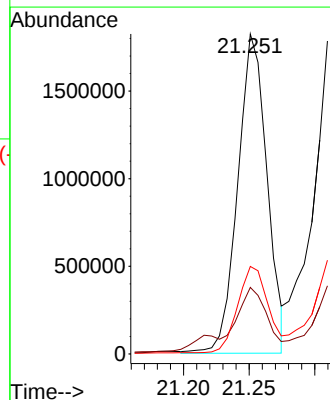
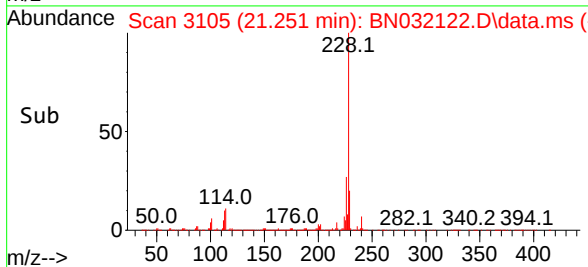
Reviewed By :Jagrut Upadhyay 06/21/2024
 Supervised By :mohammad ahmed 06/21/2024

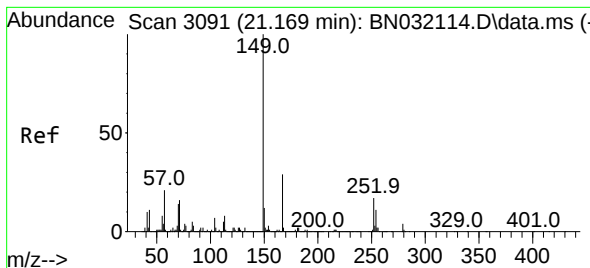


#85
 Benzo(a)anthracene
 Concen: 27.202 ng/ul
 RT: 21.251 min Scan# 3105
 Delta R.T. 0.000 min
 Lab File: BN032122.D
 Acq: 21 Jun 2024 08:24



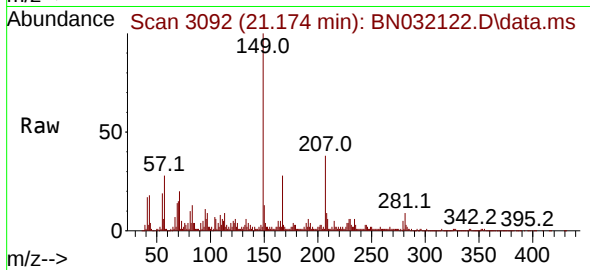
Tgt Ion:228 Resp: 2826130
 Ion Ratio Lower Upper
 228 100
 229 20.8 16.7 25.1
 226 27.4 22.8 34.2





#86
Bis(2-ethylhexyl)phthalate
Concen: 3.880 ng/ul
RT: 21.174 min Scan# 3091
Delta R.T. 0.000 min
Lab File: BN032122.D
Acq: 21 Jun 2024 08:24

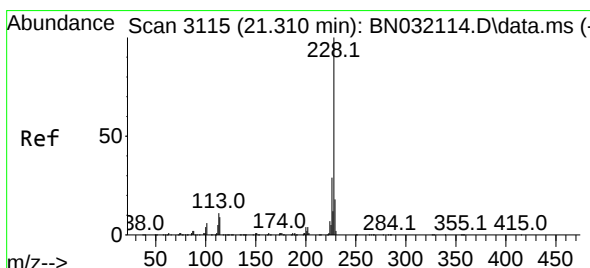
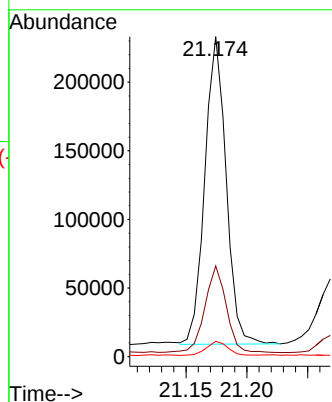
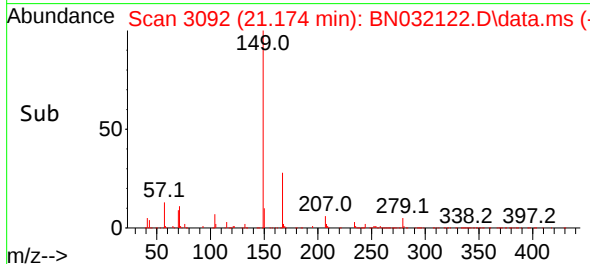
Instrument :
BNA_N
ClientSampleId :
A4B23



Tgt Ion:149 Resp: 272039
Ion Ratio Lower Upper
149 100
167 28.4 21.4 32.0
279 4.8 3.3 4.9

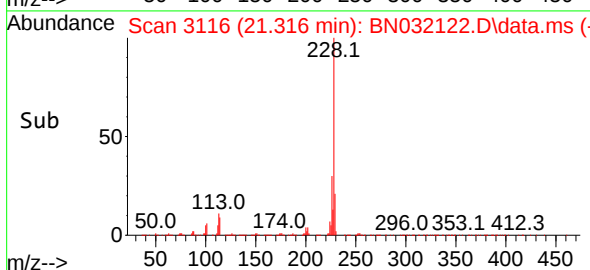
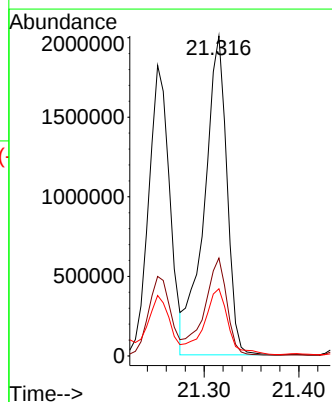
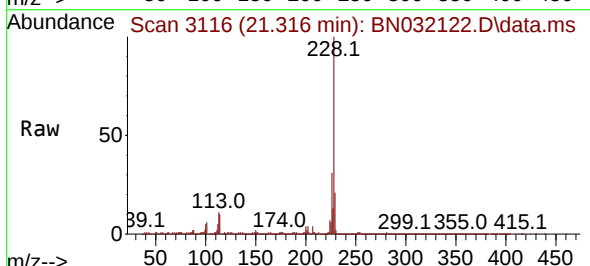
Manual Integrations
APPROVED

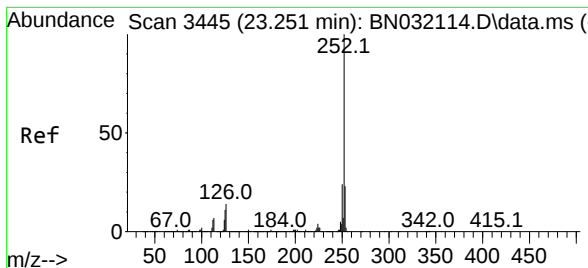
Reviewed By :Jagrut Upadhyay 06/21/2024
Supervised By :mohammad ahmed 06/21/2024



#87
Chrysene
Concen: 34.187 ng/ul
RT: 21.316 min Scan# 3116
Delta R.T. 0.006 min
Lab File: BN032122.D
Acq: 21 Jun 2024 08:24

Tgt Ion:228 Resp: 3317624
Ion Ratio Lower Upper
228 100
226 30.6 23.7 35.5
229 21.0 15.1 22.7





#90

Benzo(b)fluoranthene

Concen: 34.250 ng/ul

RT: 23.268 min Scan# 3445

Delta R.T. 0.006 min

Lab File: BN032122.D

Acq: 21 Jun 2024 08:24

Instrument :

BNA_N

ClientSampleId :

A4B23

Tgt Ion:252 Resp: 3707350

Ion Ratio Lower Upper

252 100

253 23.8 17.0 25.6

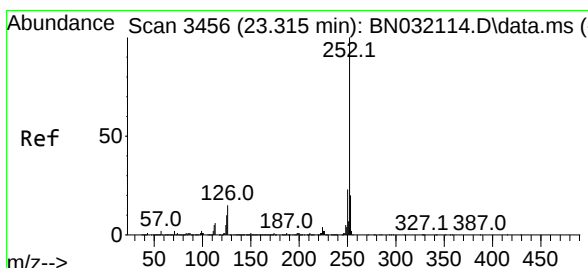
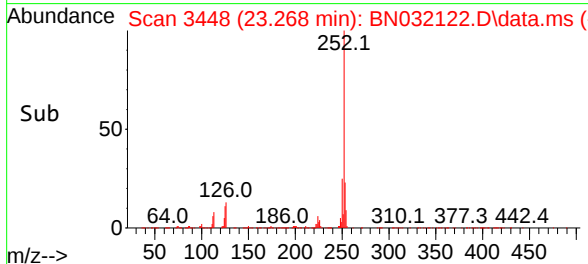
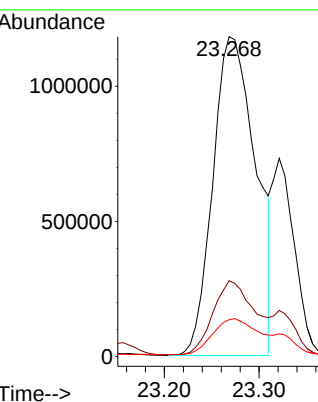
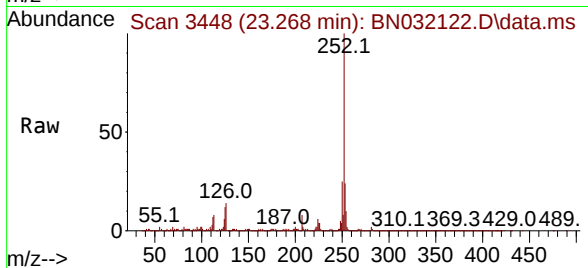
125 11.5 9.2 13.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 06/21/2024

Supervised By :mohammad ahmed 06/21/2024



#91

Benzo(k)fluoranthene

Concen: 10.967 ng/ul

RT: 23.321 min Scan# 3457

Delta R.T. 0.000 min

Lab File: BN032122.D

Acq: 21 Jun 2024 08:24

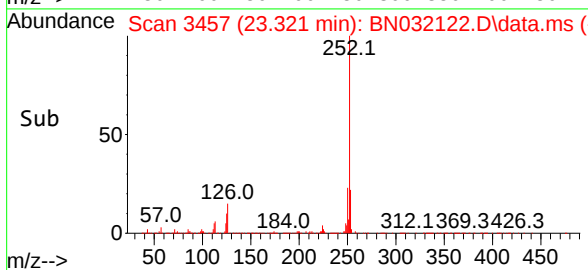
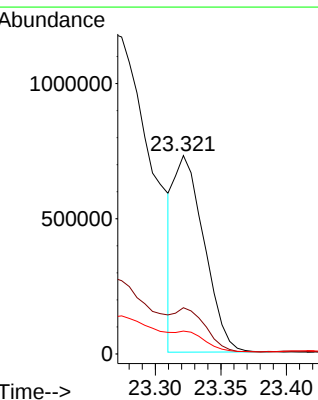
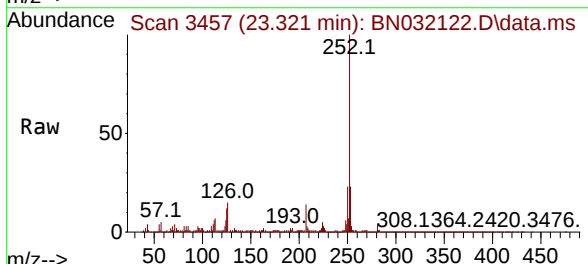
Tgt Ion:252 Resp: 1164875

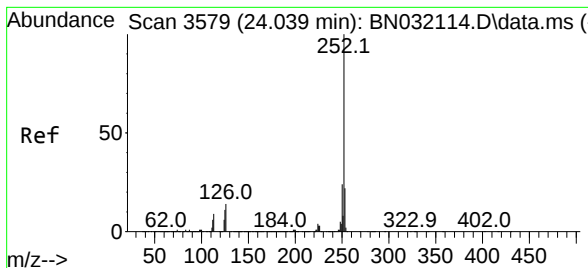
Ion Ratio Lower Upper

252 100

253 23.3 17.6 26.4

125 11.5 9.4 14.2





#93

Benzo(a)pyrene

Concen: 13.670 ng/ul

RT: 24.051 min Scan# 31

Delta R.T. 0.012 min

Lab File: BN032122.D

Acq: 21 Jun 2024 08:24

Instrument :

BNA_N

ClientSampleId :

A4B23

Tgt Ion:252 Resp: 1385890

Ion Ratio Lower Upper

252 100

253 22.3 16.6 24.8

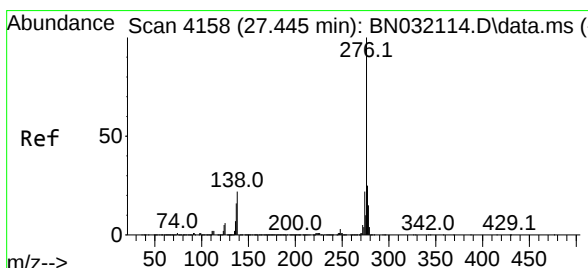
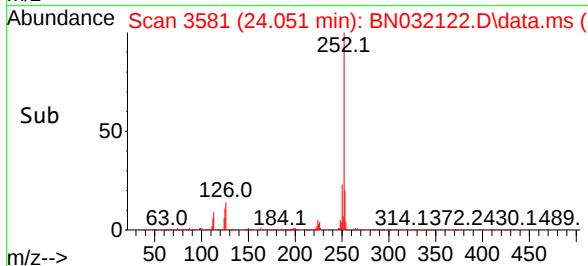
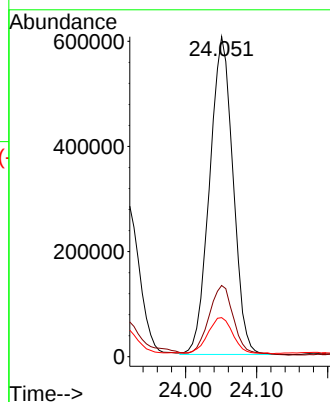
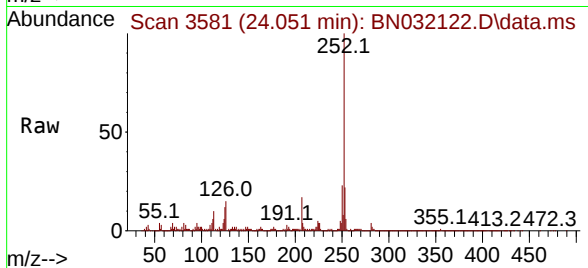
125 12.2 9.8 14.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 06/21/2024

Supervised By :mohammad ahmed 06/21/2024



#94

Indeno(1,2,3-cd)pyrene

Concen: 10.058 ng/ul

RT: 27.468 min Scan# 4162

Delta R.T. 0.024 min

Lab File: BN032122.D

Acq: 21 Jun 2024 08:24

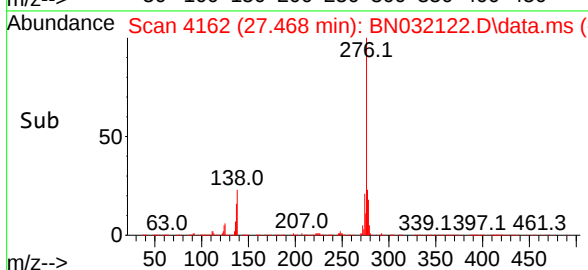
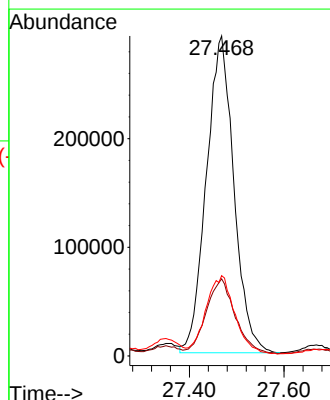
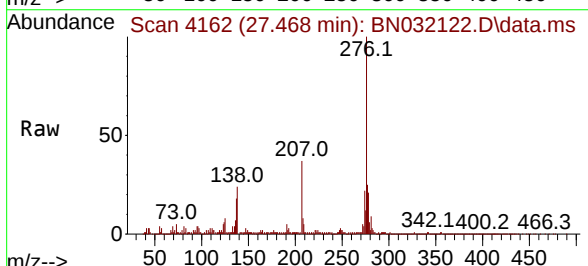
Tgt Ion:276 Resp: 1175074

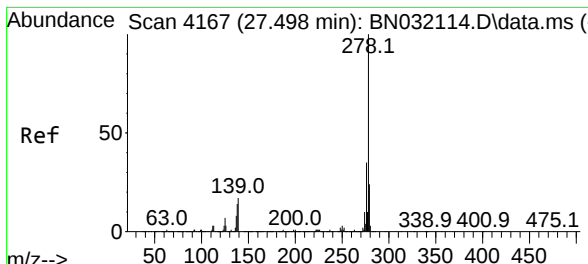
Ion Ratio Lower Upper

276 100

138 24.1 18.1 27.1

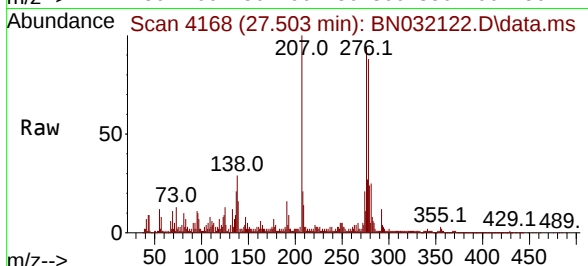
277 25.1 18.2 27.2





#95
 Dibenzo(a,h)anthracene
 Concen: 4.590 ng/ul m
 RT: 27.503 min Scan# 4167
 Delta R.T. 0.000 min
 Lab File: BN032122.D
 Acq: 21 Jun 2024 08:24

Instrument :
 BNA_N
 ClientSampleId :
 A4B23

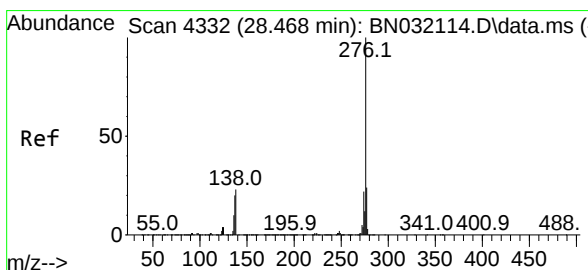
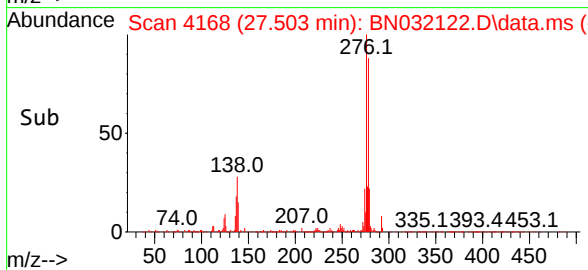
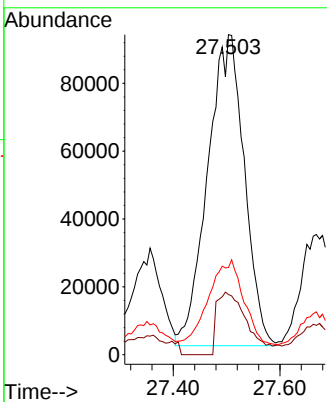


Tgt Ion: 278 Resp: 437794

Ion	Ratio	Lower	Upper
278	100		
139	18.8	15.0	22.6
279	27.3	17.4	26.0

Manual Integrations
 APPROVED

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



#96
 Benzo(g,h,i)perylene
 Concen: 1.792 ng/ul m
 RT: 28.492 min Scan# 4336
 Delta R.T. 0.024 min
 Lab File: BN032122.D
 Acq: 21 Jun 2024 08:24

Tgt Ion: 276 Resp: 166399

Ion	Ratio	Lower	Upper
276	100		
138	25.3	20.9	31.3
277	25.4	18.0	27.0

