

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN053024\
 Data File : BN031731.D
 Acq On : 31 May 2024 00:52
 Operator : MA/JU
 Sample : P2549-20
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BHBM8

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 05/31/2024
 Supervised By :mohammad ahmed 06/01/2024

Quant Time: May 31 01:51:58 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	7.687	152	440286	20.000	ng/u1	0.00
20) Naphthalene-d8	10.469	136	1998290	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.328	164	1302534	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.075	188	2563795	20.000	ng/u1	0.00
79) Chrysene-d12	21.310	240	1577316	20.000	ng/u1	0.00
88) Perylene-d12	24.251	264	1533502	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.193	96	40183	3.776	ng/uL	0.00
4) Pyridine-d5	3.599	84	279455	9.328	ng/u1	0.00
7) Phenol-d5	6.852	99	894055	23.687	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.022	67	509096	23.059	ng/u1	0.00
11) 2-Chlorophenol-d4	7.216	132	719321	24.976	ng/u1	0.00
15) 4-Methylphenol-d8	8.387	113	679897	22.098	ng/u1	0.00
21) Nitrobenzene-d5	8.840	128	375373	24.568	ng/u1	0.00
24) 2-Nitrophenol-d4	9.558	143	393989	24.963	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.087	165	719124	24.406	ng/u1	0.00
31) 4-Chloroaniline-d4	10.610	131	584652	13.364	ng/u1	0.00
46) Dimethylphthalate-d6	13.740	166	2288784	25.223	ng/u1	0.00
49) Acenaphthylene-d8	14.016	160	2592441	24.846	ng/u1	0.00
54) 4-Nitrophenol-d4	14.534	143	318691	17.541	ng/u1	0.00
60) Fluorene-d10	15.322	176	1937132	25.230	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.445	200	250490m	19.438	ng/u1	0.00
73) Anthracene-d10	17.175	188	2877417	26.215	ng/u1	0.00
81) Pyrene-d10	19.475	212	3007733	35.634	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.051	264	1956784	26.723	ng/u1	0.01
Target Compounds						
					Qvalue	
6) Benzaldehyde	6.834	77	159057	8.984	ng/u1	98
50) Acenaphthylene	14.046	152	220574	1.871	ng/u1	99
52) Acenaphthene	14.387	153	111592	1.430	ng/u1	97
61) Fluorene	15.375	166	109168	1.279	ng/u1	93
72) Phenanthrene	17.116	178	3334511	25.532	ng/u1	99
74) Anthracene	17.204	178	589470	4.454	ng/u1	98
77) Carbazole	17.475	167	347375	3.078	ng/u1	98
78) Di-n-butylphthalate	18.045	149	201198	1.296	ng/u1	99
80) Fluoranthene	19.139	202	7485136	74.204	ng/u1	100
82) Pyrene	19.504	202	6670965	64.457	ng/u1	98
83) Butylbenzylphthalate	20.410	149	166668	3.410	ng/u1	95
85) Benzo(a)anthracene	21.292	228	2878034	27.260	ng/u1	99
86) Bis(2-ethylhexyl)phtha...	21.222	149	1208540	16.960	ng/u1	99
87) Chrysene	21.351	228	3161563	32.059	ng/u1	97
90) Benzo(b)fluoranthene	23.327	252	3632214	39.627	ng/u1	99
91) Benzo(k)fluoranthene	23.380	252	1298927	14.442	ng/u1	95
93) Benzo(a)pyrene	24.116	252	2501193	29.135	ng/u1	98
94) Indeno(1,2,3-cd)pyrene	27.568	276	1790818m	18.103	ng/u1	
95) Dibenzo(a,h)anthracene	27.592	278	458479m	5.677	ng/u1	
96) Benzo(g,h,i)perylene	28.592	276	1732329	22.029	ng/u1	97

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

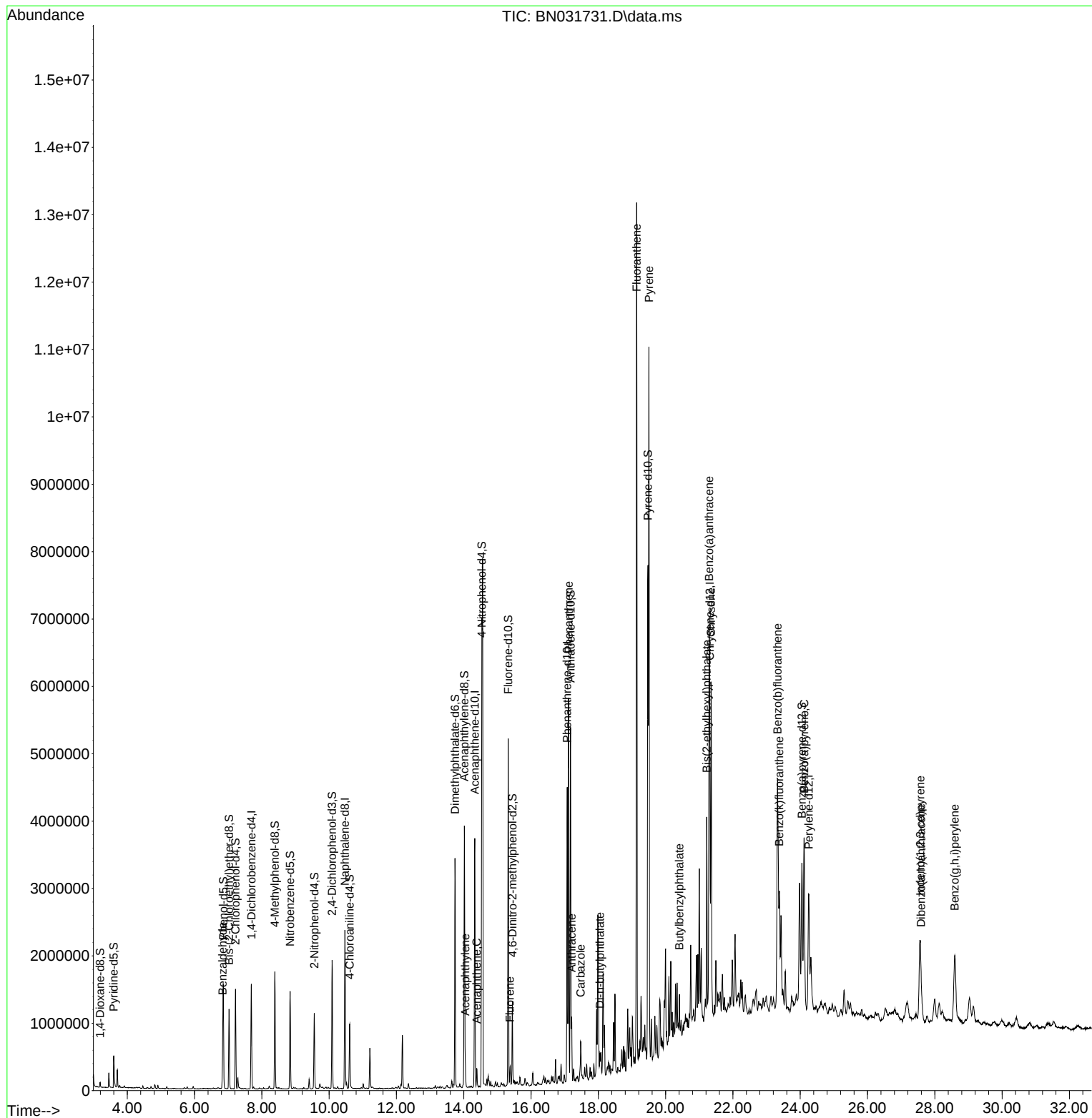
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN053024\
 Data File : BN031731.D
 Acq On : 31 May 2024 00:52
 Operator : MA/JU
 Sample : P2549-20
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

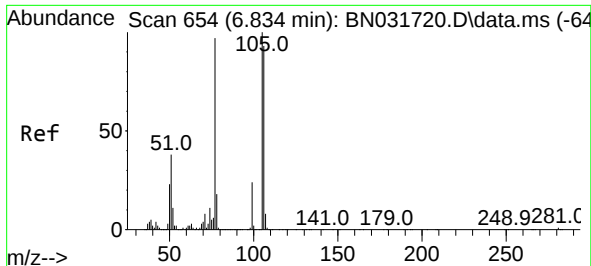
Instrument :
 BNA_N
 ClientSampleId :
 BHBM8

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 05/31/2024
 Supervised By :mohammad ahmed 06/01/2024

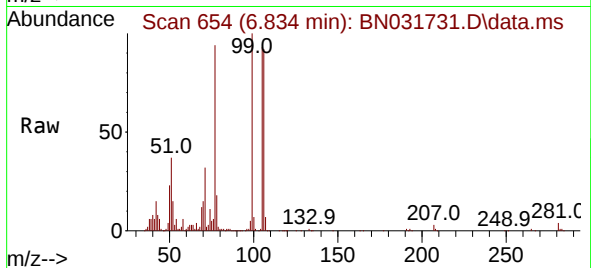
Quant Time: May 31 01:51:58 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 29 15:13:07 2024
 Response via : Initial Calibration





#6
Benzaldehyde
Concen: 8.984 ng/ul
RT: 6.834 min Scan# 61
Delta R.T. 0.000 min
Lab File: BN031731.D
Acq: 31 May 2024 00:52

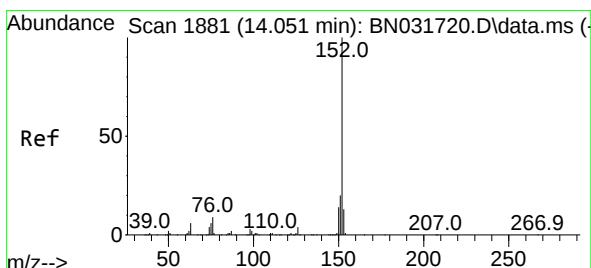
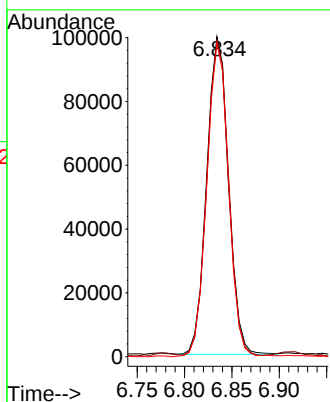
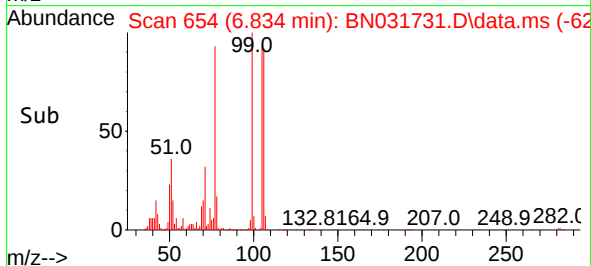
Instrument :
BNA_N
ClientSampleId :
BHBM8



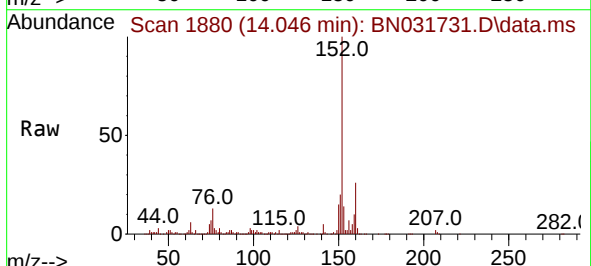
Tgt Ion: 77 Resp: 15905
Ion Ratio Lower Upper
77 100
105 98.8 80.2 120.4
106 98.0 76.8 115.2

Manual Integrations
APPROVED

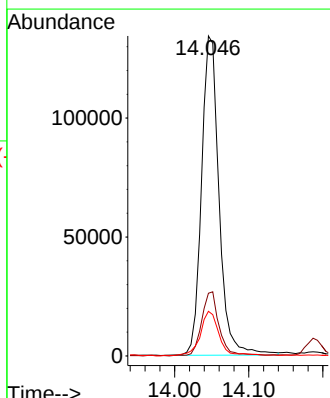
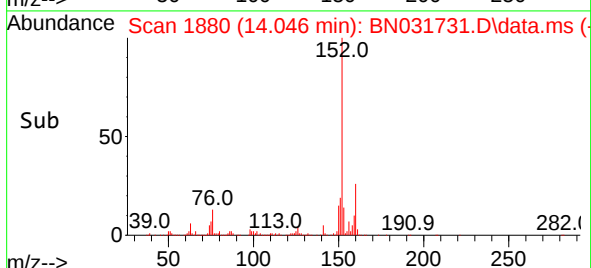
Reviewed By :Jagrut Upadhyay 05/31/2024
Supervised By :mohammad ahmed 06/01/2024

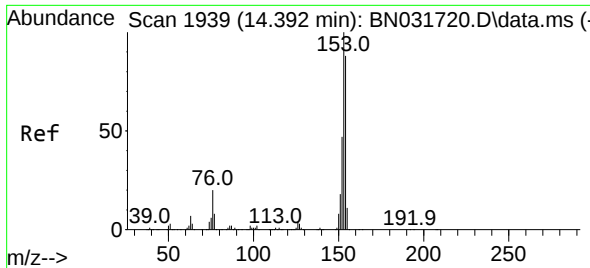


#50
Acenaphthylene
Concen: 1.871 ng/ul
RT: 14.046 min Scan# 1880
Delta R.T. 0.000 min
Lab File: BN031731.D
Acq: 31 May 2024 00:52



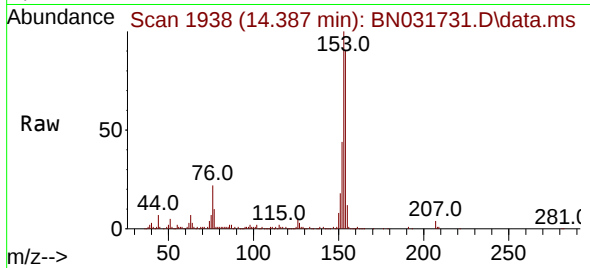
Tgt Ion:152 Resp: 220574
Ion Ratio Lower Upper
152 100
151 19.6 15.9 23.9
153 14.0 10.4 15.6





#52
Acenaphthene
Concen: 1.430 ng/ul
RT: 14.387 min Scan# 1938
Delta R.T. 0.000 min
Lab File: BN031731.D
Acq: 31 May 2024 00:52

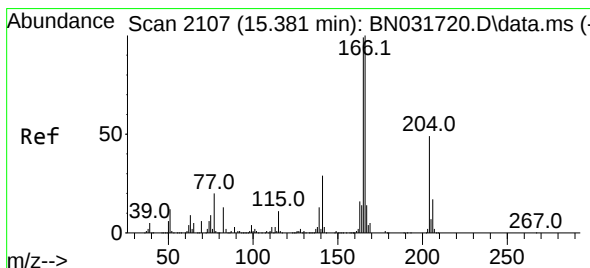
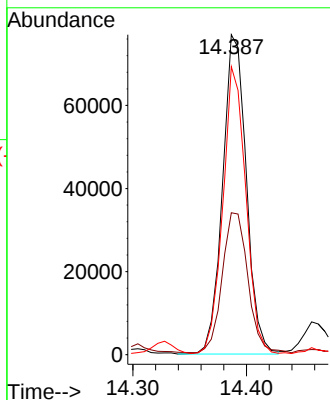
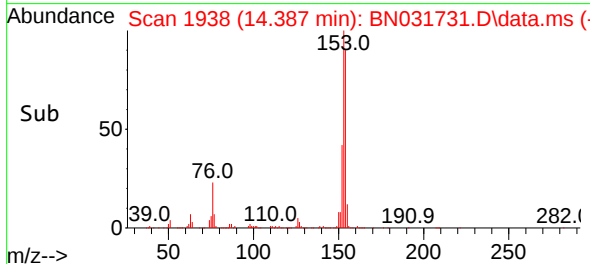
Instrument :
BNA_N
ClientSampleId :
BHBM8



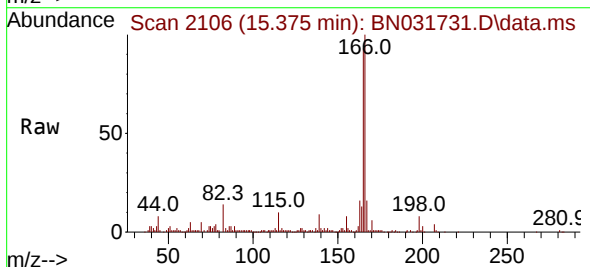
Tgt Ion:153 Resp: 111592
Ion Ratio Lower Upper
153 100
152 44.4 37.8 56.6
154 90.0 69.8 104.8

Manual Integrations
APPROVED

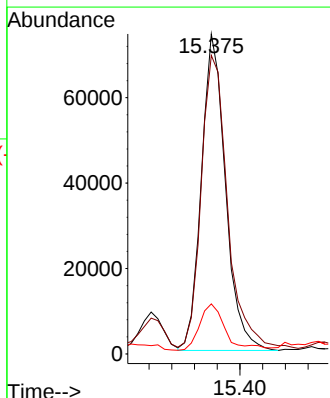
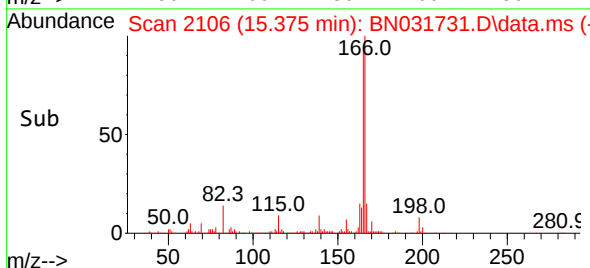
Reviewed By :Jagrut Upadhyay 05/31/2024
Supervised By :mohammad ahmed 06/01/2024

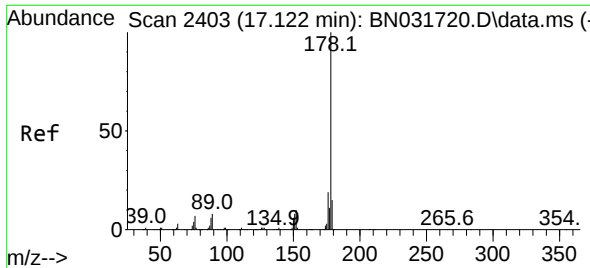


#61
Fluorene
Concen: 1.279 ng/ul
RT: 15.375 min Scan# 2106
Delta R.T. 0.000 min
Lab File: BN031731.D
Acq: 31 May 2024 00:52



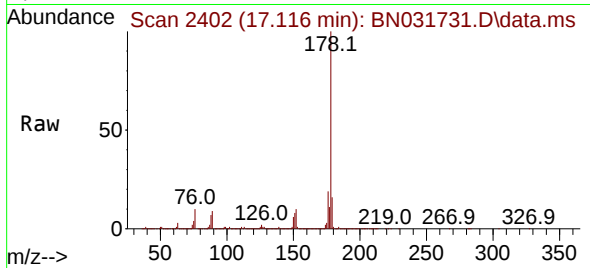
Tgt Ion:166 Resp: 109168
Ion Ratio Lower Upper
166 100
165 93.3 80.3 120.5
167 15.6 11.3 16.9





#72
Phenanthrene
Concen: 25.532 ng/ul
RT: 17.116 min Scan# 2402
Delta R.T. -0.000 min
Lab File: BN031731.D
Acq: 31 May 2024 00:52

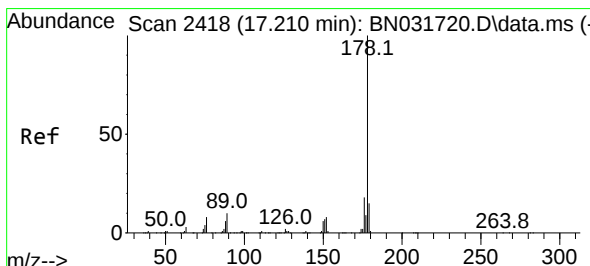
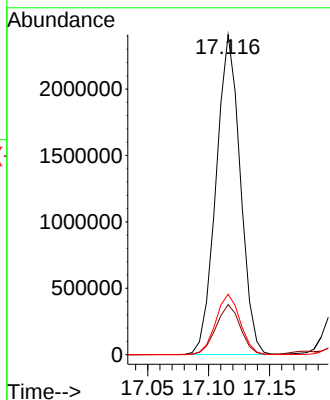
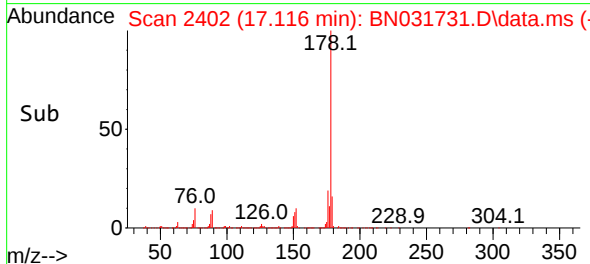
Instrument :
BNA_N
ClientSampleId :
BHBM8



Tgt Ion:178 Resp: 333451
Ion Ratio Lower Upper
178 100
179 15.6 12.6 19.0
176 18.9 15.8 23.6

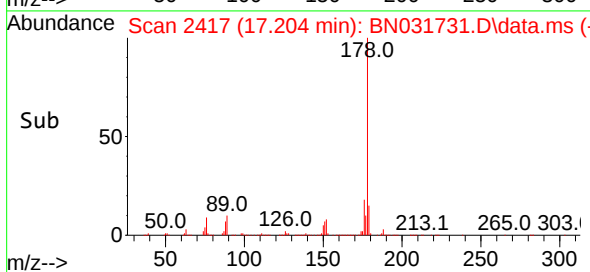
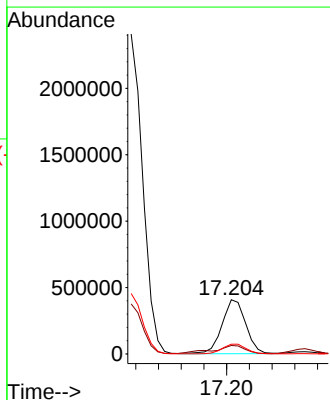
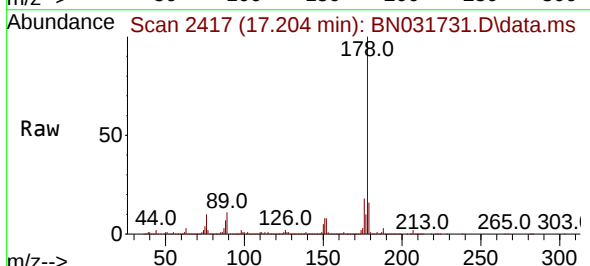
Manual Integrations
APPROVED

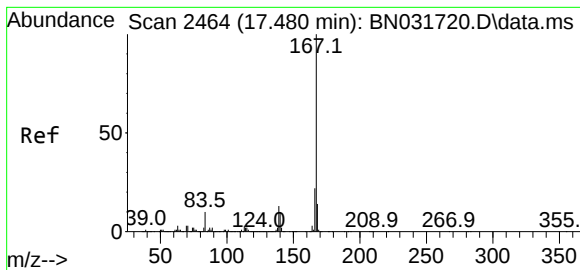
Reviewed By :Jagrut Upadhyay 05/31/2024
Supervised By :mohammad ahmed 06/01/2024



#74
Anthracene
Concen: 4.454 ng/ul
RT: 17.204 min Scan# 2417
Delta R.T. 0.000 min
Lab File: BN031731.D
Acq: 31 May 2024 00:52

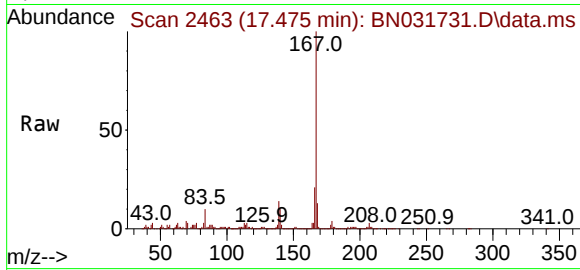
Tgt Ion:178 Resp: 589470
Ion Ratio Lower Upper
178 100
179 15.6 11.8 17.6
176 18.0 14.8 22.2





#77
 Carbazole
 Concen: 3.078 ng/ul
 RT: 17.475 min Scan# 2463
 Delta R.T. 0.000 min
 Lab File: BN031731.D
 Acq: 31 May 2024 00:52

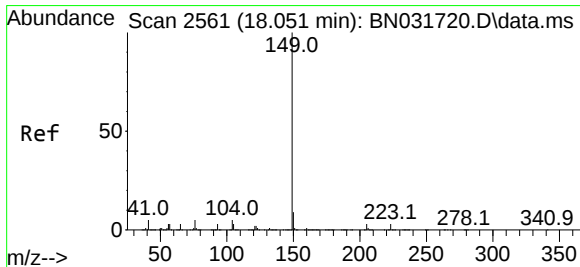
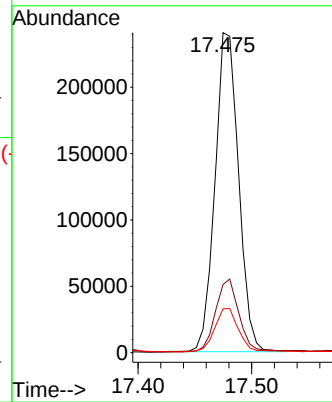
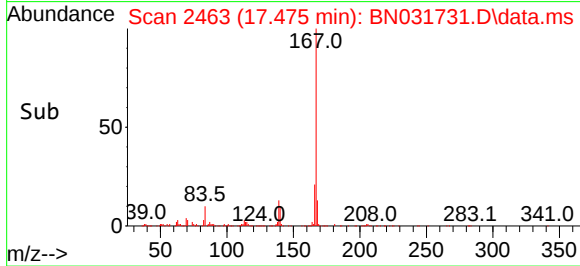
Instrument :
 BNA_N
 ClientSampleId :
 BHBM8



Tgt Ion:167 Resp: 347375
 Ion Ratio Lower Upper
 167 100
 166 21.3 17.9 26.9
 139 13.7 10.5 15.7

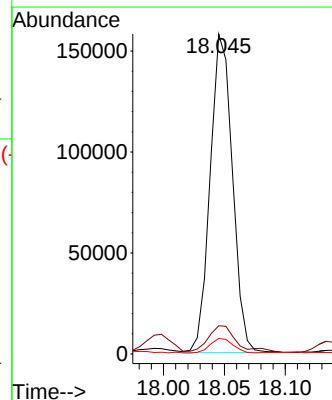
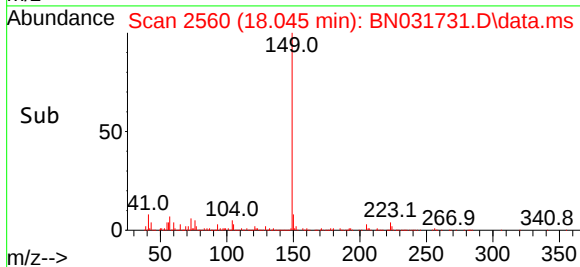
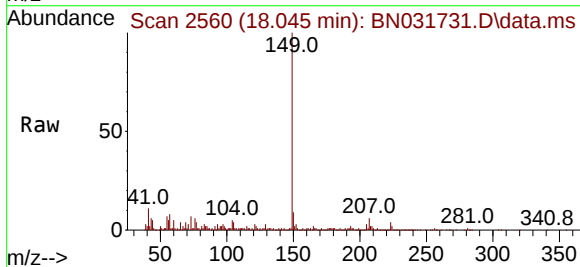
Manual Integrations
 APPROVED

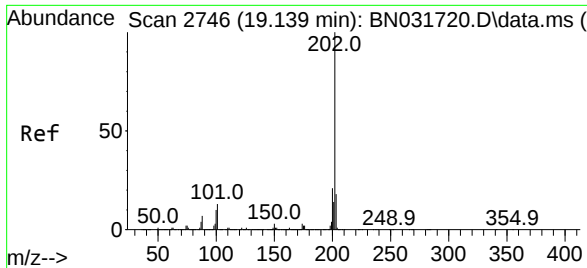
Reviewed By :Jagrut Upadhyay 05/31/2024
 Supervised By :mohammad ahmed 06/01/2024



#78
 Di-n-butylphthalate
 Concen: 1.296 ng/ul
 RT: 18.045 min Scan# 2560
 Delta R.T. 0.000 min
 Lab File: BN031731.D
 Acq: 31 May 2024 00:52

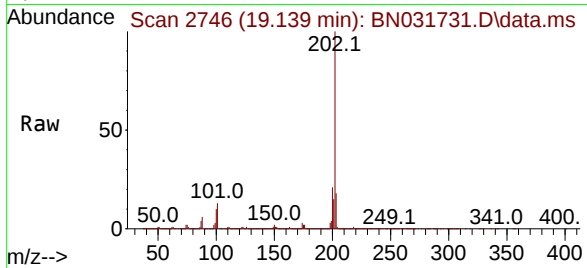
Tgt Ion:149 Resp: 201198
 Ion Ratio Lower Upper
 149 100
 150 8.8 7.4 11.0
 104 4.9 4.1 6.1





#80
Fluoranthene
Concen: 74.204 ng/u1
RT: 19.139 min Scan# 21
Delta R.T. 0.006 min
Lab File: BN031731.D
Acq: 31 May 2024 00:52

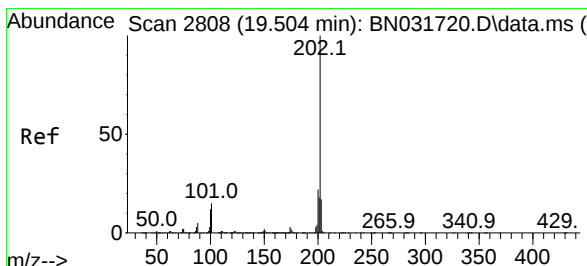
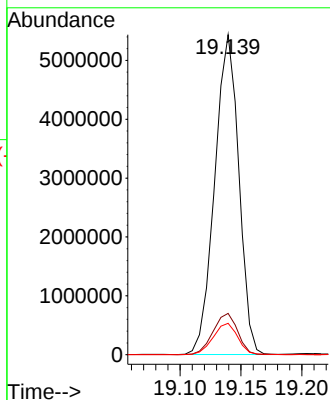
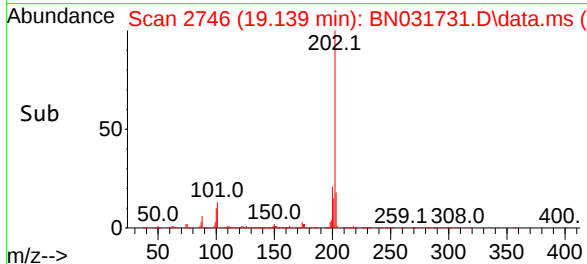
Instrument :
BNA_N
ClientSampleId :
BHBM8



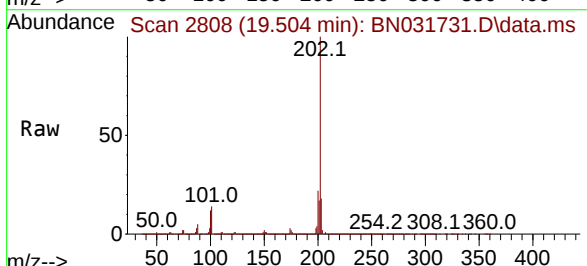
Tgt Ion:202 Resp: 7485130
Ion Ratio Lower Upper
202 100
101 12.9 10.3 15.5
100 9.8 8.0 12.0

Manual Integrations
APPROVED

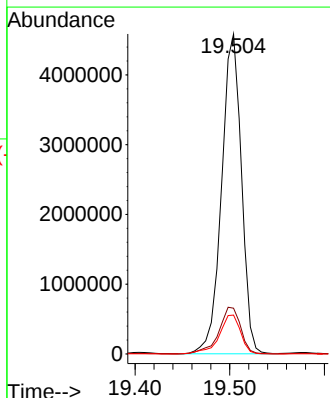
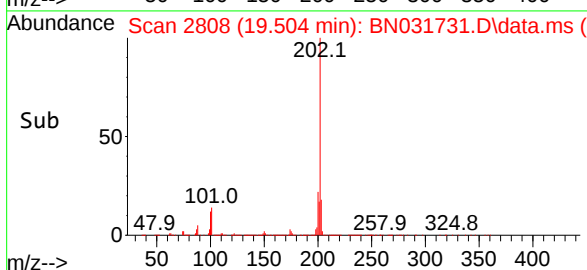
Reviewed By :Jagrut Upadhyay 05/31/2024
Supervised By :mohammad ahmed 06/01/2024

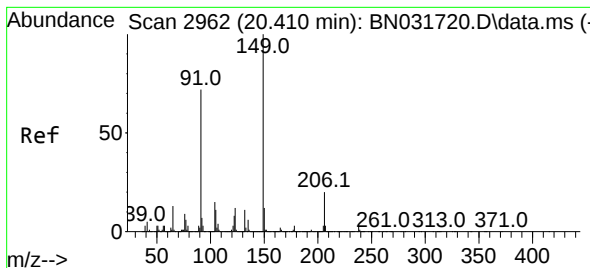


#82
Pyrene
Concen: 64.457 ng/u1
RT: 19.504 min Scan# 2808
Delta R.T. 0.012 min
Lab File: BN031731.D
Acq: 31 May 2024 00:52



Tgt Ion:202 Resp: 6670965
Ion Ratio Lower Upper
202 100
101 14.3 12.6 18.8
100 12.2 10.2 15.2





#83

Butylbenzylphthalate

Concen: 3.410 ng/ul

RT: 20.410 min Scan# 2962

Delta R.T. 0.006 min

Lab File: BN031731.D

Acq: 31 May 2024 00:52

Instrument :

BNA_N

ClientSampleId :

BHBM8

Tgt Ion:149 Resp: 166668

Ion Ratio Lower Upper

149 100

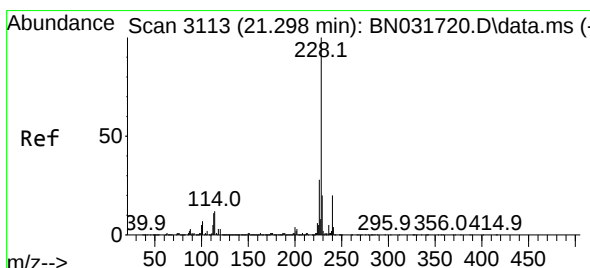
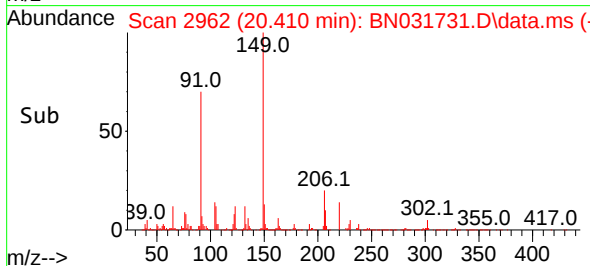
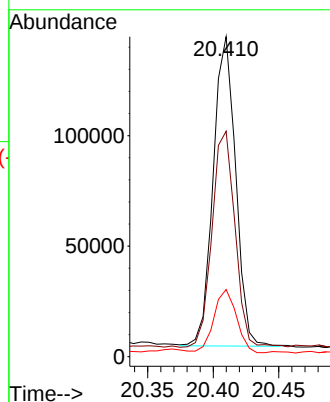
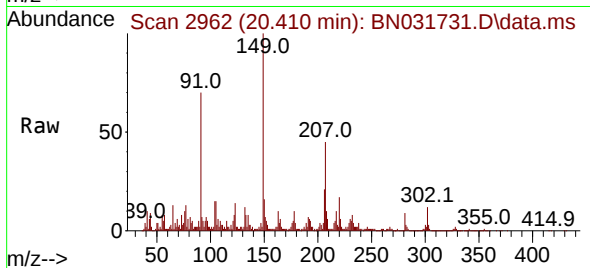
91 70.5 61.0 91.4

206 21.0 16.5 24.7

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 05/31/2024
Supervised By :mohammad ahmed 06/01/2024



#85

Benzo(a)anthracene

Concen: 27.260 ng/ul

RT: 21.292 min Scan# 3112

Delta R.T. 0.006 min

Lab File: BN031731.D

Acq: 31 May 2024 00:52

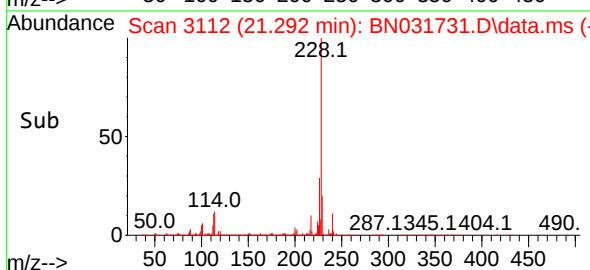
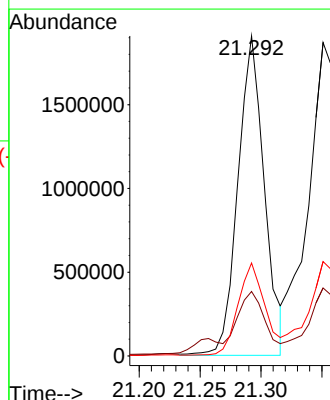
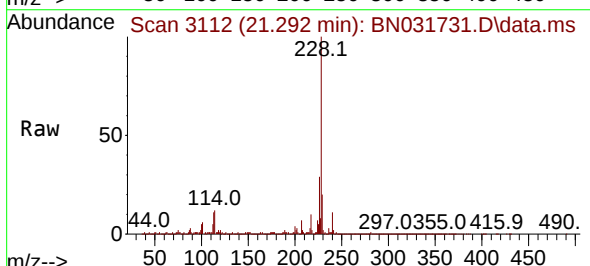
Tgt Ion:228 Resp: 2878034

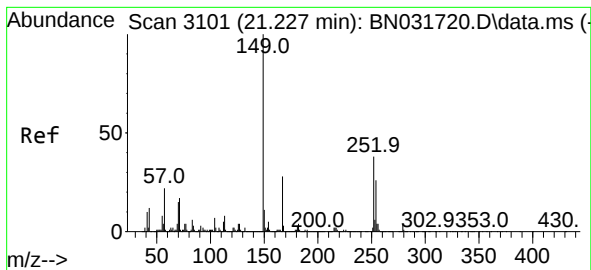
Ion Ratio Lower Upper

228 100

229 20.2 16.7 25.1

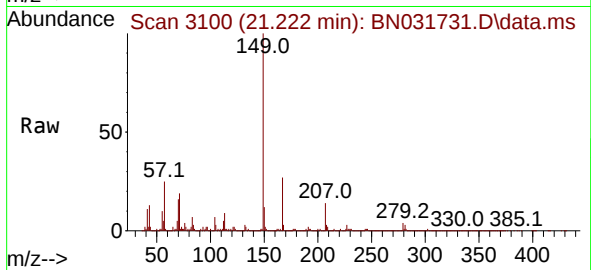
226 29.1 22.8 34.2





#86
Bis(2-ethylhexyl)phthalate
Concen: 16.960 ng/ul
RT: 21.222 min Scan# 3101
Delta R.T. 0.000 min
Lab File: BN031731.D
Acq: 31 May 2024 00:52

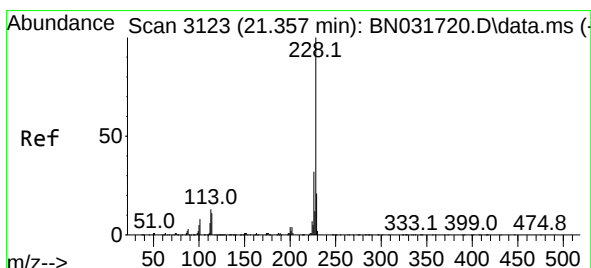
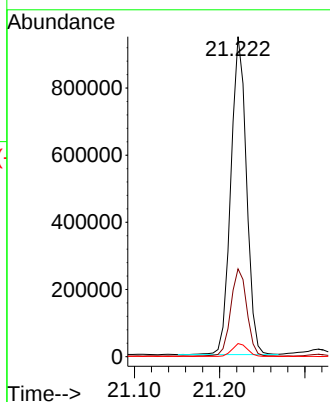
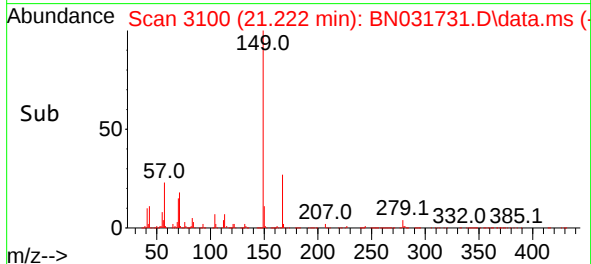
Instrument :
BNA_N
ClientSampleId :
BHBM8



Tgt Ion:149 Resp: 1208540
Ion Ratio Lower Upper
149 100
167 27.5 21.4 32.0
279 4.1 3.3 4.9

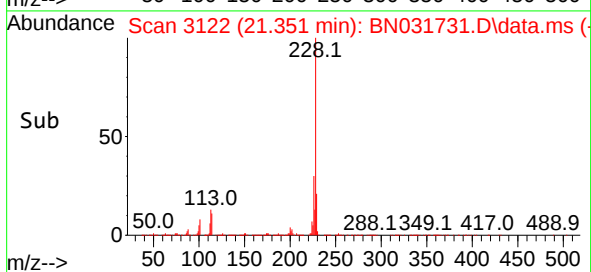
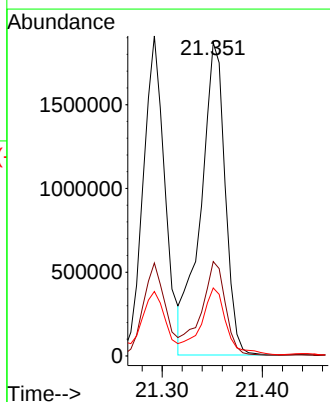
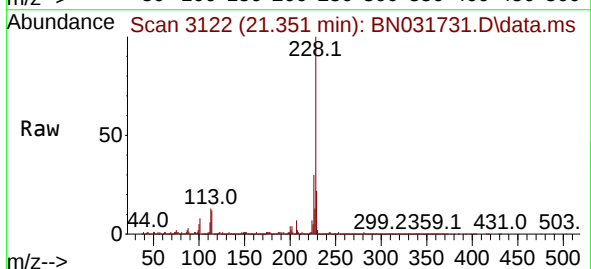
Manual Integrations
APPROVED

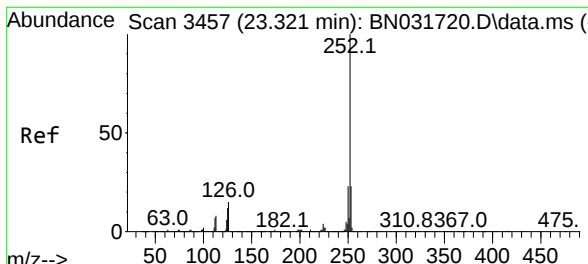
Reviewed By :Jagrut Upadhyay 05/31/2024
Supervised By :mohammad ahmed 06/01/2024



#87
Chrysene
Concen: 32.059 ng/ul
RT: 21.351 min Scan# 3122
Delta R.T. 0.000 min
Lab File: BN031731.D
Acq: 31 May 2024 00:52

Tgt Ion:228 Resp: 3161563
Ion Ratio Lower Upper
228 100
226 30.1 23.7 35.5
229 21.7 15.1 22.7





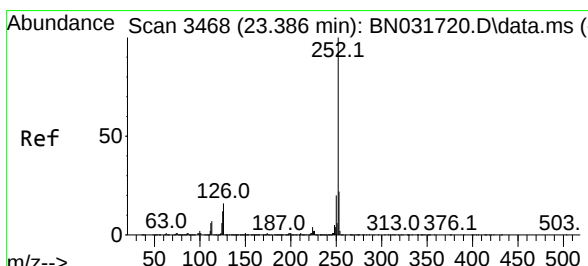
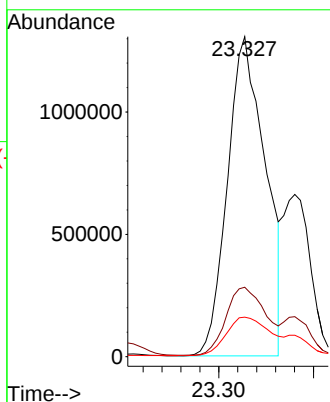
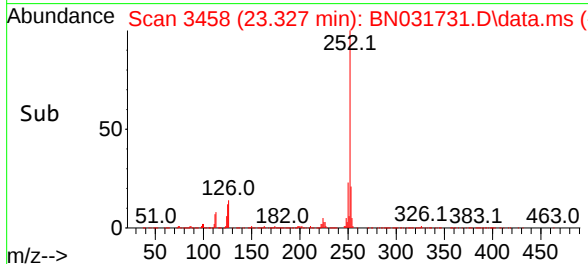
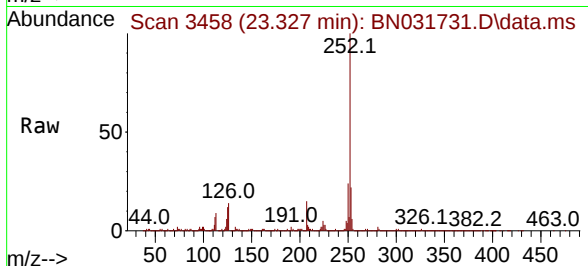
#90
Benzo(b)fluoranthene
Concen: 39.627 ng/ul
RT: 23.327 min Scan# 3457
Delta R.T. 0.018 min
Lab File: BN031731.D
Acq: 31 May 2024 00:52

Instrument : BNA_N
ClientSampleId : BHBM8

Tgt Ion:252 Resp: 3632214
Ion Ratio Lower Upper
252 100
253 21.7 17.0 25.6
125 12.4 9.2 13.8

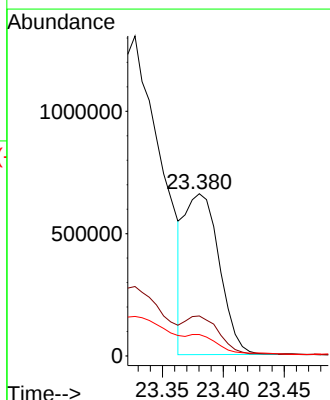
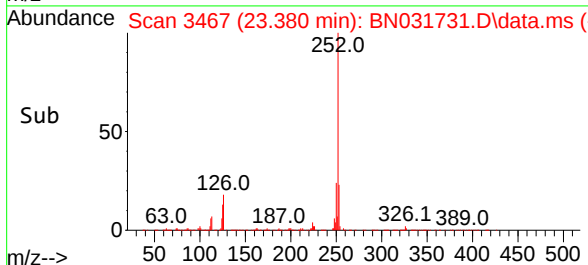
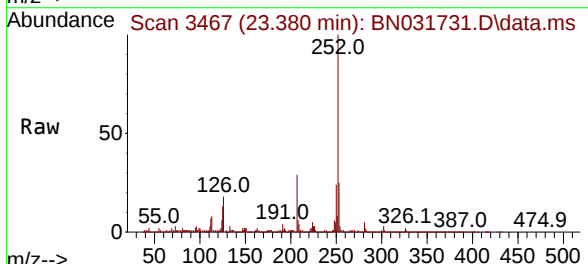
Manual Integrations
APPROVED

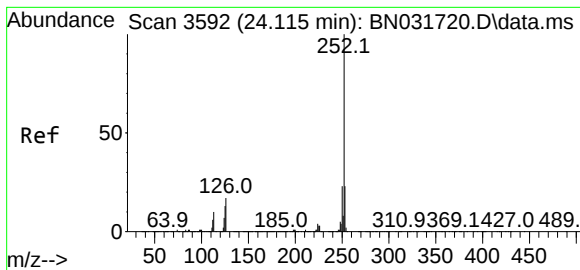
Reviewed By :Jagrut Upadhyay 05/31/2024
Supervised By :mohammad ahmed 06/01/2024



#91
Benzo(k)fluoranthene
Concen: 14.442 ng/ul
RT: 23.380 min Scan# 3467
Delta R.T. 0.006 min
Lab File: BN031731.D
Acq: 31 May 2024 00:52

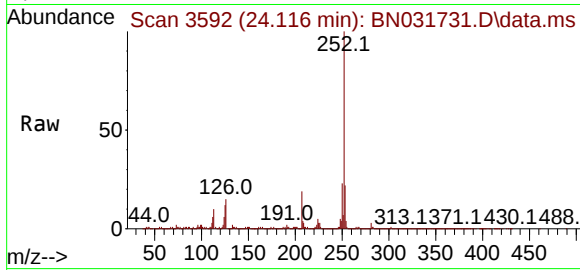
Tgt Ion:252 Resp: 1298927
Ion Ratio Lower Upper
252 100
253 24.6 17.6 26.4
125 13.2 9.4 14.2





#93
Benzo(a)pyrene
Concen: 29.135 ng/ul
RT: 24.116 min Scan# 3592
Delta R.T. 0.012 min
Lab File: BN031731.D
Acq: 31 May 2024 00:52

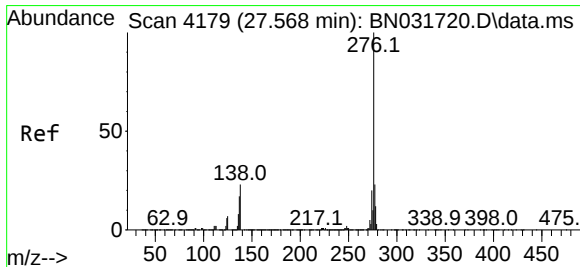
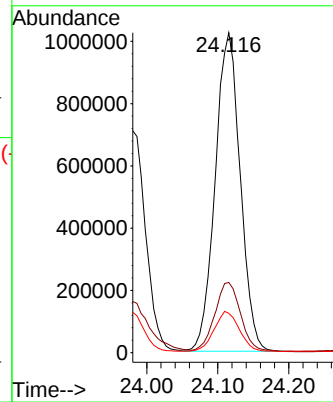
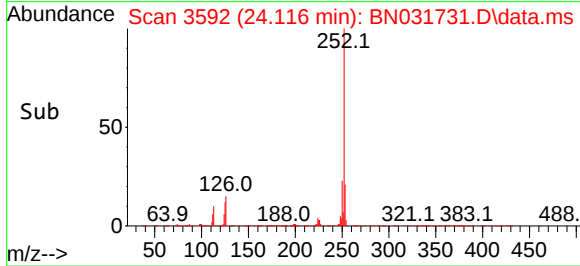
Instrument :
BNA_N
ClientSampleId :
BHBM8



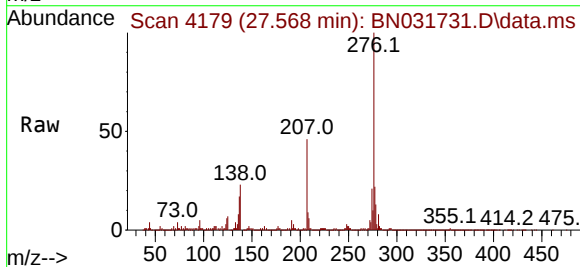
Tgt Ion:252 Resp: 250119
Ion Ratio Lower Upper
252 100
253 22.0 16.6 24.8
125 12.3 9.8 14.8

Manual Integrations
APPROVED

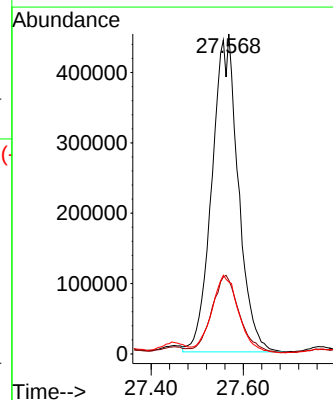
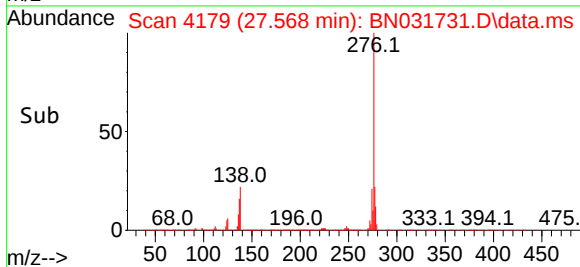
Reviewed By :Jagrut Upadhyay 05/31/2024
Supervised By :mohammad ahmed 06/01/2024

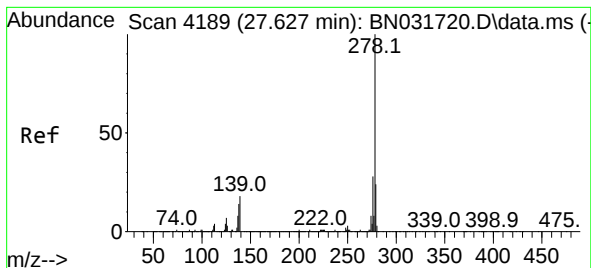


#94
Indeno(1,2,3-cd)pyrene
Concen: 18.103 ng/ul m
RT: 27.568 min Scan# 4179
Delta R.T. 0.035 min
Lab File: BN031731.D
Acq: 31 May 2024 00:52



Tgt Ion:276 Resp: 1790818
Ion Ratio Lower Upper
276 100
138 23.1 18.1 27.1
277 22.5 18.2 27.2





#95

Dibenzo(a,h)anthracene

Concen: 5.677 ng/ul m

RT: 27.592 min Scan# 4189

Delta R.T. -0.012 min

Lab File: BN031731.D

Acq: 31 May 2024 00:52

Instrument :

BNA_N

ClientSampleId :

BHBM8

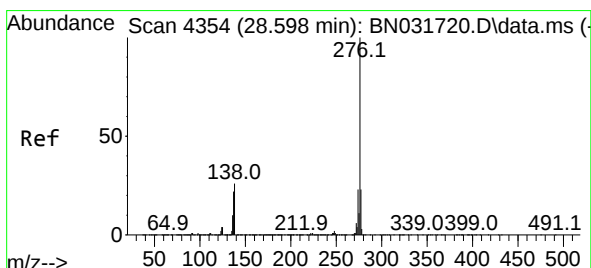
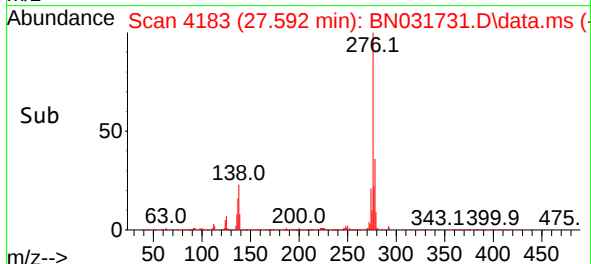
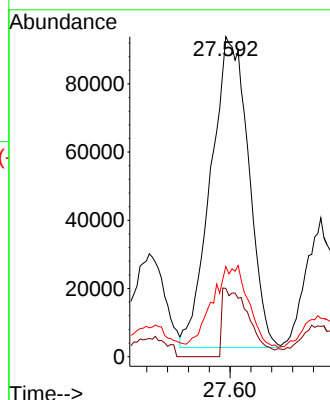
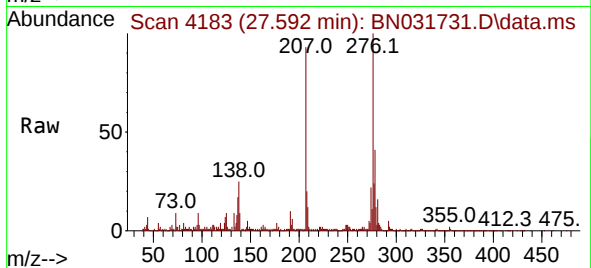
Tgt Ion:278 Resp: 458479

Ion	Ratio	Lower	Upper
278	100		
139	21.4	15.0	22.6
279	28.2	17.4	26.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 05/31/2024
Supervised By :mohammad ahmed 06/01/2024



#96

Benzo(g,h,i)perylene

Concen: 22.029 ng/ul

RT: 28.592 min Scan# 4353

Delta R.T. 0.024 min

Lab File: BN031731.D

Acq: 31 May 2024 00:52

Tgt Ion:276 Resp: 1732329

Ion	Ratio	Lower	Upper
276	100		
138	25.0	20.9	31.3
277	24.2	18.0	27.0

