

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052924\
 Data File : BN031699.D
 Acq On : 29 May 2024 20:38
 Operator : MA/JU
 Sample : P2569-12
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BH697

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 05/30/2024
 Supervised By :mohammad ahmed 05/31/2024

Quant Time: May 29 23:36:47 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	396001	20.000	ng/u1	0.00
20) Naphthalene-d8	10.469	136	1774868	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.322	164	1153527	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.069	188	2415934	20.000	ng/u1	0.00
79) Chrysene-d12	21.298	240	2076231	20.000	ng/u1	0.00
88) Perylene-d12	24.239	264	1934774	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.193	96	35840	3.744	ng/uL	0.00
4) Pyridine-d5	3.599	84	438355	16.268	ng/u1	0.00
7) Phenol-d5	6.852	99	789322	23.251	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.022	67	451191	22.722	ng/u1	0.00
11) 2-Chlorophenol-d4	7.216	132	622949	24.049	ng/u1	0.00
15) 4-Methylphenol-d8	8.387	113	594198	21.472	ng/u1	0.00
21) Nitrobenzene-d5	8.840	128	306255	22.567	ng/u1	0.00
24) 2-Nitrophenol-d4	9.557	143	308309	21.993	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.087	165	611150	23.353	ng/u1	0.00
31) 4-Chloroaniline-d4	10.604	131	414004	10.655	ng/u1	0.00
46) Dimethylphthalate-d6	13.740	166	1905035	23.706	ng/u1	0.00
49) Acenaphthylene-d8	14.016	160	2233136	24.167	ng/u1	0.00
54) 4-Nitrophenol-d4	14.522	143	289634	18.001	ng/u1	0.00
60) Fluorene-d10	15.316	176	1669139	24.548	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.434	200	196062	16.145	ng/u1	0.00
73) Anthracene-d10	17.169	188	2566898	24.817	ng/u1	0.00
81) Pyrene-d10	19.463	212	3123901	28.117	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.039	264	2409701	26.083	ng/u1	0.00
Target Compounds						
					Qvalue	
50) Acenaphthylene	14.045	152	200833	1.923	ng/u1	99
72) Phenanthrene	17.110	178	1215383	9.875	ng/u1	99
74) Anthracene	17.204	178	195819	1.570	ng/u1	98
77) Carbazole	17.475	167	119625	1.125	ng/u1	99
78) Di-n-butylphthalate	18.045	149	248511	1.699	ng/u1	99
80) Fluoranthene	19.128	202	2754658	20.746	ng/u1	99
82) Pyrene	19.492	202	2616226	19.204	ng/u1	99
83) Butylbenzylphthalate	20.404	149	215831	3.354	ng/u1	98
85) Benzo(a)anthracene	21.286	228	1298469	9.343	ng/u1	96
86) Bis(2-ethylhexyl)phtha...	21.222	149	1219407	13.001	ng/u1	96
87) Chrysene	21.345	228	1565736m	12.062	ng/u1	
90) Benzo(b)fluoranthene	23.310	252	1844127	15.946	ng/u1	96
91) Benzo(k)fluoranthene	23.369	252	633831m	5.585	ng/u1	
93) Benzo(a)pyrene	24.098	252	1171234	10.813	ng/u1	95
94) Indeno(1,2,3-cd)pyrene	27.527	276	746162m	5.978	ng/u1	
95) Dibenzo(a,h)anthracene	27.586	278	190855	1.873	ng/u1#	86
96) Benzo(g,h,i)perylene	28.556	276	707384	7.130	ng/u1	95

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

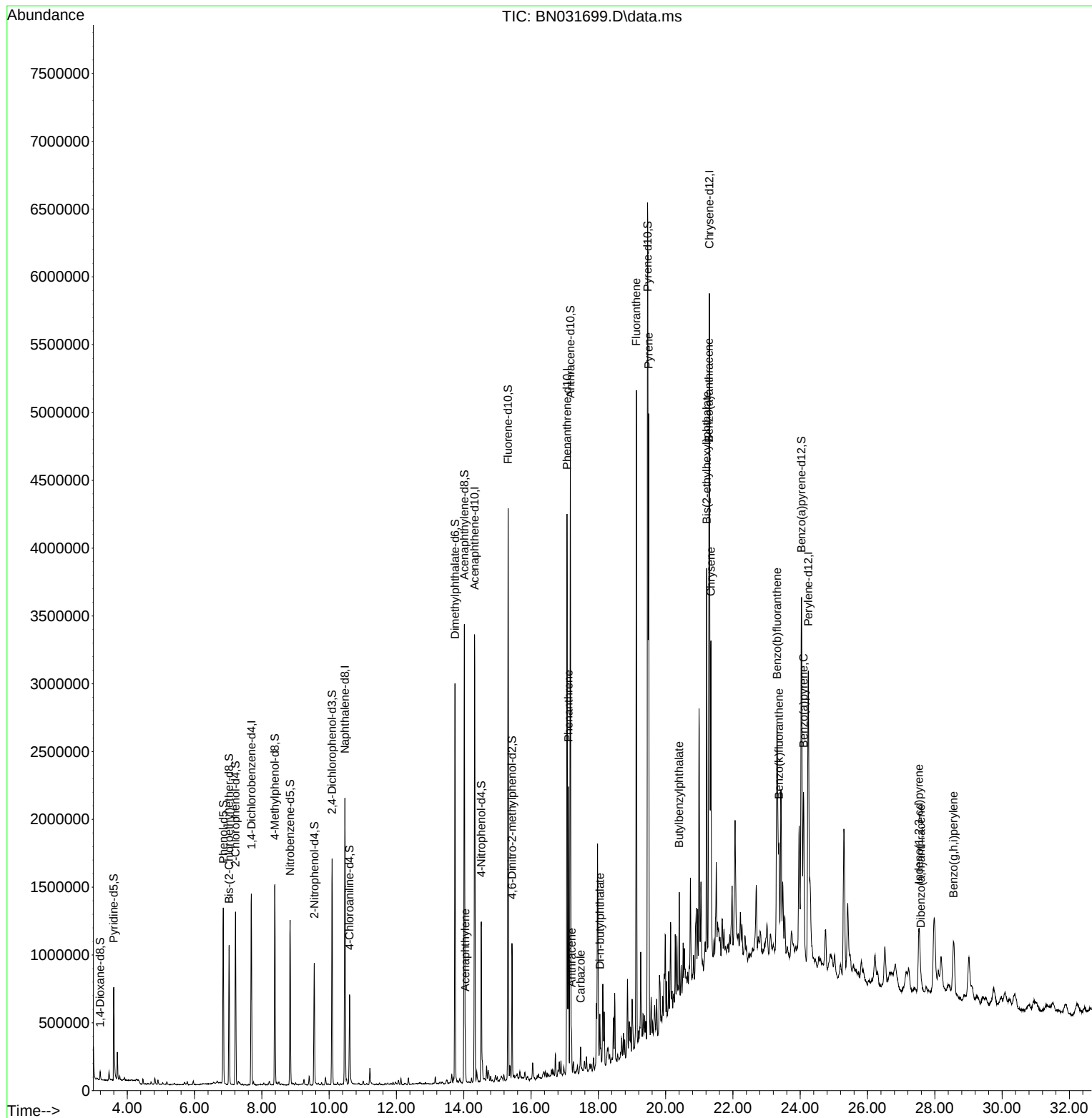
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052924\
 Data File : BN031699.D
 Acq On : 29 May 2024 20:38
 Operator : MA/JU
 Sample : P2569-12
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

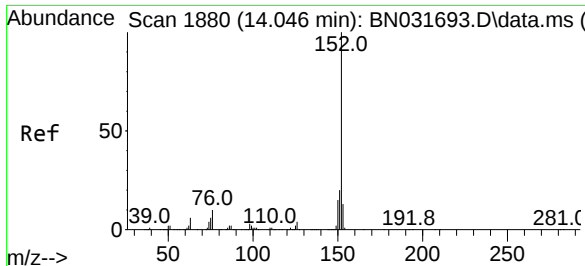
Instrument :
 BNA_N
 ClientSampleId :
 BH697

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 05/30/2024
 Supervised By :mohammad ahmed 05/31/2024

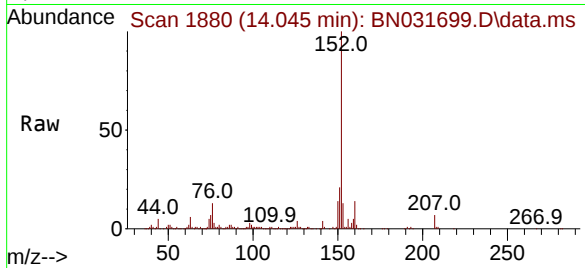
Quant Time: May 29 23:36:47 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 29 15:13:07 2024
 Response via : Initial Calibration





#50
Acenaphthylene
Concen: 1.923 ng/ul
RT: 14.045 min Scan# 1880
Delta R.T. -0.000 min
Lab File: BN031699.D
Acq: 29 May 2024 20:38

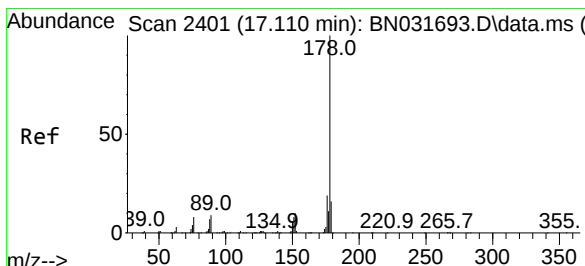
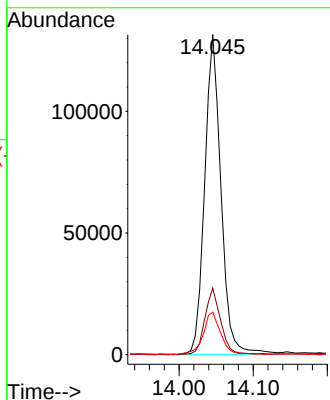
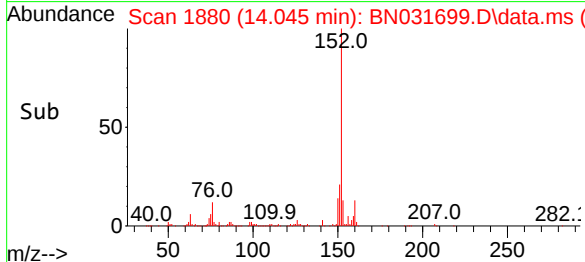
Instrument : BNA_N
ClientSampleId : BH697



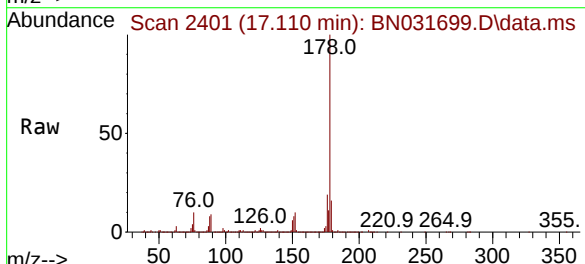
Tgt Ion:152 Resp: 200833
Ion Ratio Lower Upper
152 100
151 20.8 15.9 23.9
153 13.3 10.4 15.6

Manual Integrations
APPROVED

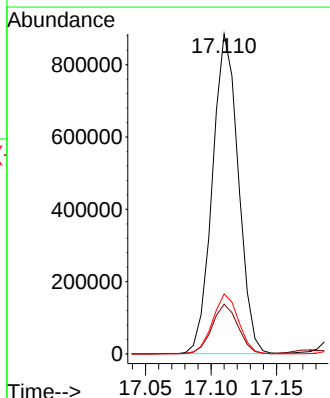
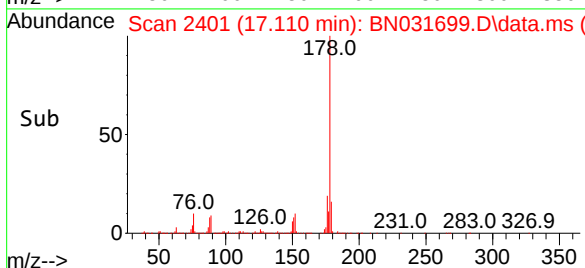
Reviewed By :Jagrut Upadhyay 05/30/2024
Supervised By :mohammad ahmed 05/31/2024

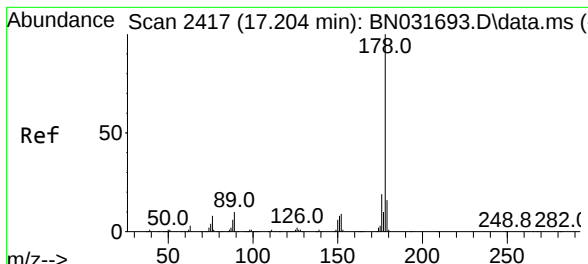


#72
Phenanthrene
Concen: 9.875 ng/ul
RT: 17.110 min Scan# 2401
Delta R.T. -0.006 min
Lab File: BN031699.D
Acq: 29 May 2024 20:38



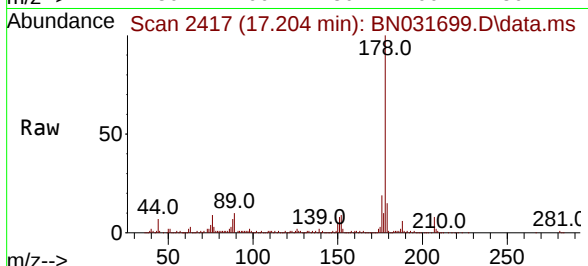
Tgt Ion:178 Resp: 1215383
Ion Ratio Lower Upper
178 100
179 15.6 12.6 19.0
176 18.8 15.8 23.6





#74
 Anthracene
 Concen: 1.570 ng/ul
 RT: 17.204 min Scan# 2417
 Delta R.T. -0.000 min
 Lab File: BN031699.D
 Acq: 29 May 2024 20:38

Instrument : BNA_N
 ClientSampleId : BH697

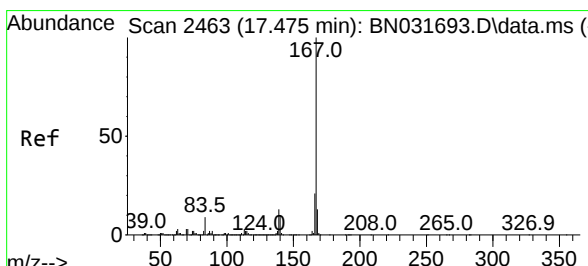
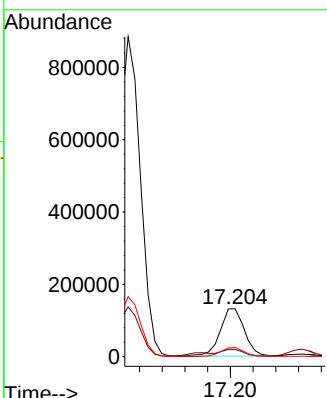
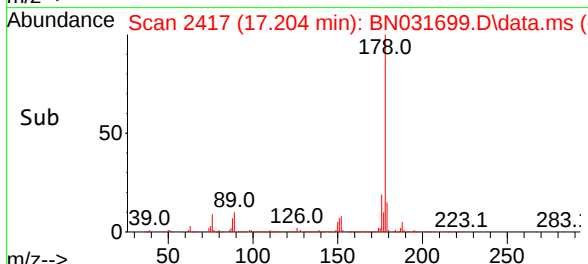


Tgt Ion: 178 Resp: 195819

Ion	Ratio	Lower	Upper
178	100		
179	15.1	11.8	17.6
176	19.4	14.8	22.2

Manual Integrations
 APPROVED

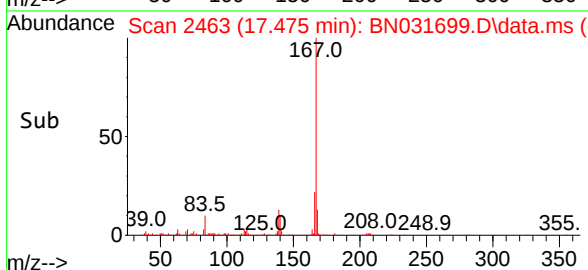
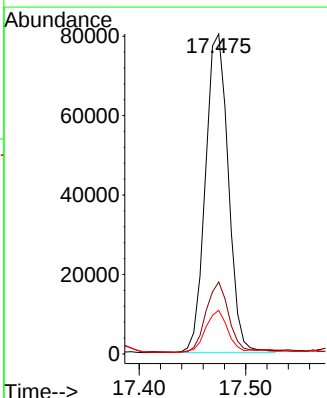
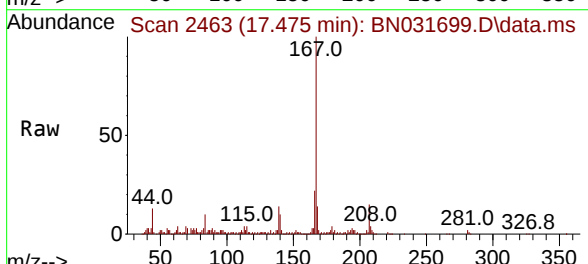
Reviewed By :Jagrut Upadhyay 05/30/2024
 Supervised By :mohammad ahmed 05/31/2024

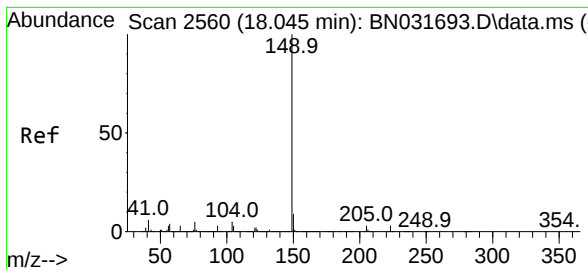


#77
 Carbazole
 Concen: 1.125 ng/ul
 RT: 17.475 min Scan# 2463
 Delta R.T. -0.000 min
 Lab File: BN031699.D
 Acq: 29 May 2024 20:38

Tgt Ion: 167 Resp: 119625

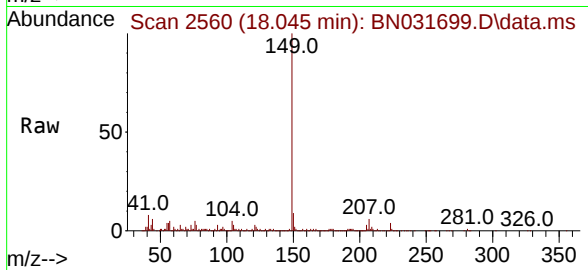
Ion	Ratio	Lower	Upper
167	100		
166	22.5	17.9	26.9
139	13.6	10.5	15.7





#78
Di-n-butylphthalate
Concen: 1.699 ng/ul
RT: 18.045 min Scan# 2560
Delta R.T. -0.000 min
Lab File: BN031699.D
Acq: 29 May 2024 20:38

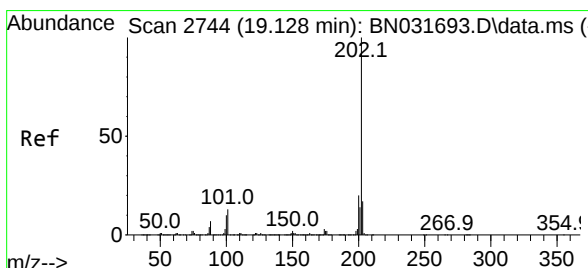
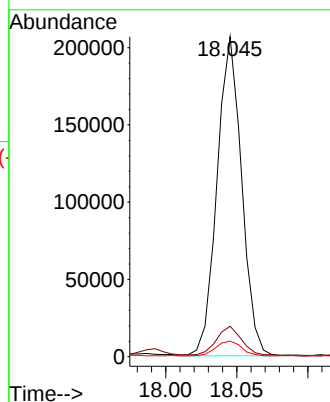
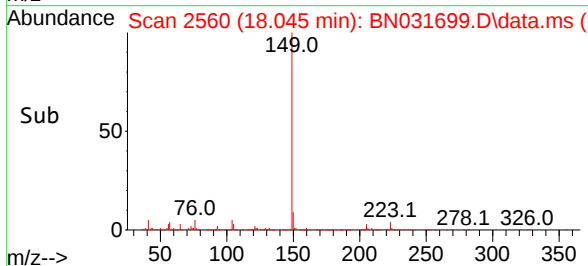
Instrument :
BNA_N
ClientSampleId :
BH697



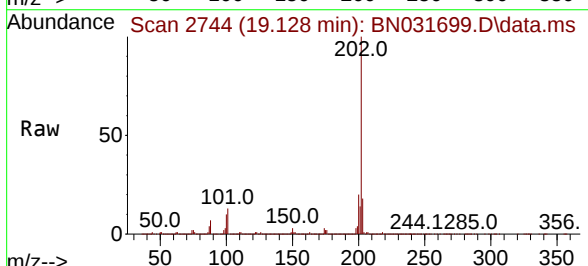
Tgt Ion:149 Resp: 248511
Ion Ratio Lower Upper
149 100
150 9.5 7.4 11.0
104 4.9 4.1 6.1

Manual Integrations
APPROVED

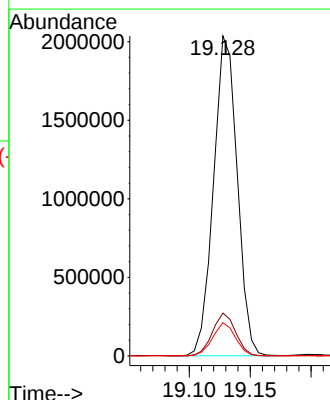
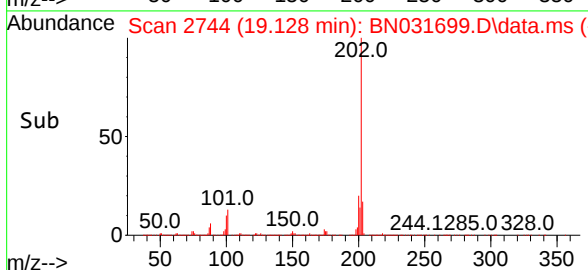
Reviewed By :Jagrut Upadhyay 05/30/2024
Supervised By :mohammad ahmed 05/31/2024

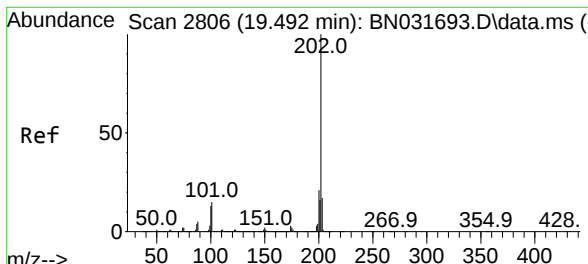


#80
Fluoranthene
Concen: 20.746 ng/ul
RT: 19.128 min Scan# 2744
Delta R.T. -0.006 min
Lab File: BN031699.D
Acq: 29 May 2024 20:38



Tgt Ion:202 Resp: 2754658
Ion Ratio Lower Upper
202 100
101 13.4 10.3 15.5
100 10.4 8.0 12.0





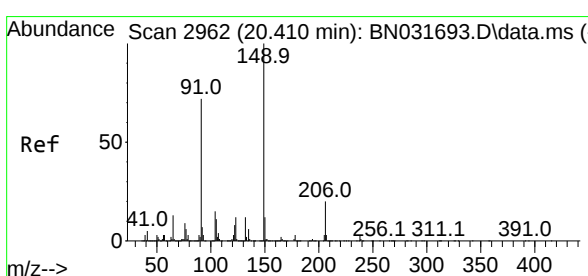
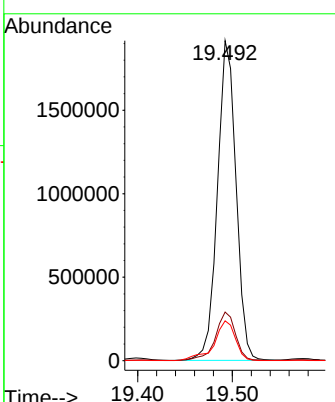
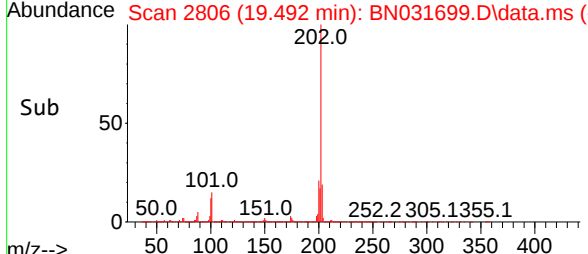
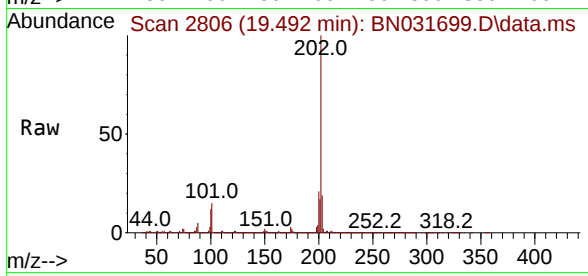
#82
 Pyrene
 Concen: 19.204 ng/ul
 RT: 19.492 min Scan# 2806
 Delta R.T. -0.000 min
 Lab File: BN031699.D
 Acq: 29 May 2024 20:38

Instrument : BNA_N
 ClientSampleId : BH697

Tgt Ion: 202 Resp: 2616220

Ion	Ratio	Lower	Upper
202	100		
101	15.2	12.6	18.8
100	12.4	10.2	15.2

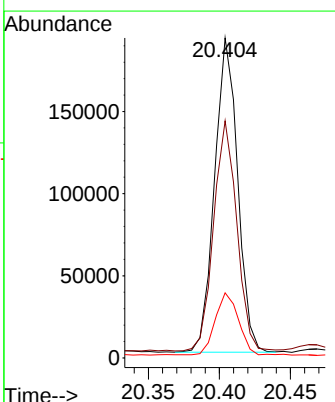
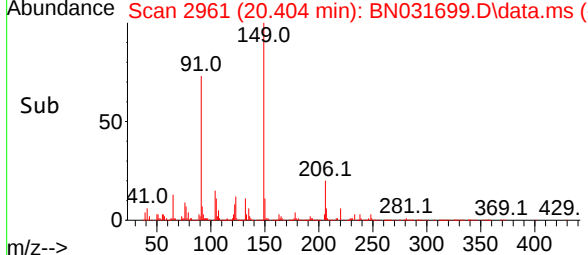
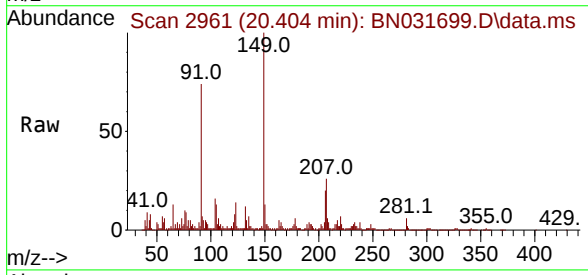
Manual Integrations
APPROVED
 Reviewed By : Jagrut Upadhyay 05/30/2024
 Supervised By : mohammad ahmed 05/31/2024

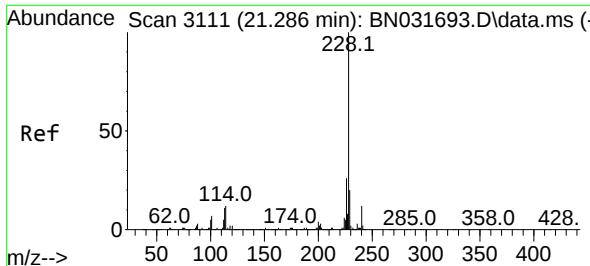


#83
 Butylbenzylphthalate
 Concen: 3.354 ng/ul
 RT: 20.404 min Scan# 2961
 Delta R.T. -0.000 min
 Lab File: BN031699.D
 Acq: 29 May 2024 20:38

Tgt Ion: 149 Resp: 215831

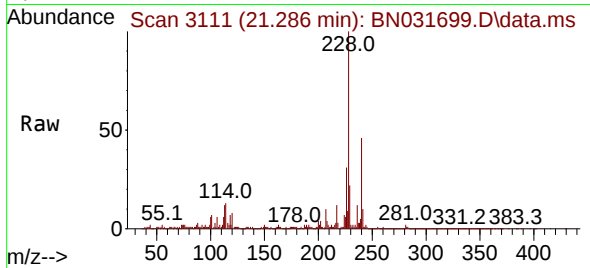
Ion	Ratio	Lower	Upper
149	100		
91	74.1	61.0	91.4
206	20.4	16.5	24.7





#85
Benzo(a)anthracene
Concen: 9.343 ng/ul
RT: 21.286 min Scan# 3111
Delta R.T. -0.000 min
Lab File: BN031699.D
Acq: 29 May 2024 20:38

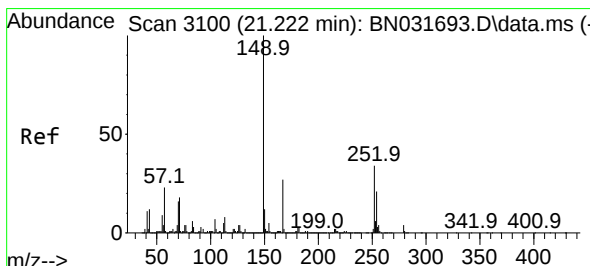
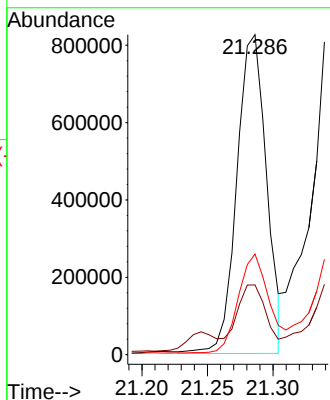
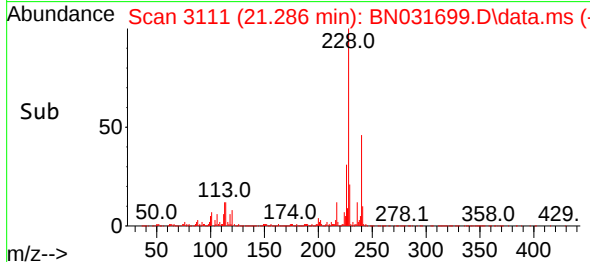
Instrument :
BNA_N
ClientSampleId :
BH697



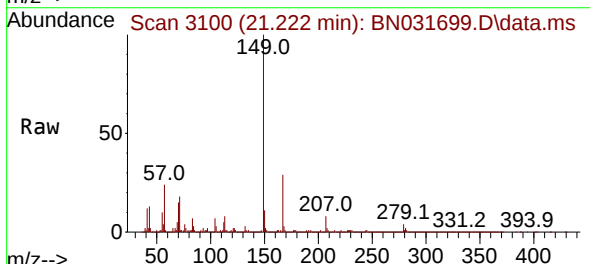
Tgt Ion:228 Resp: 1298469
Ion Ratio Lower Upper
228 100
229 21.8 16.7 25.1
226 31.4 22.8 34.2

Manual Integrations
APPROVED

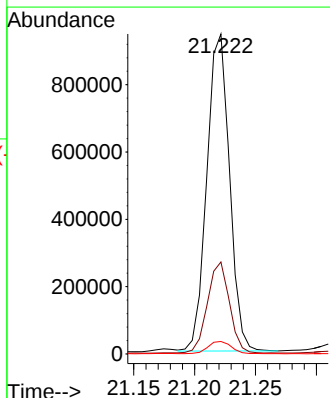
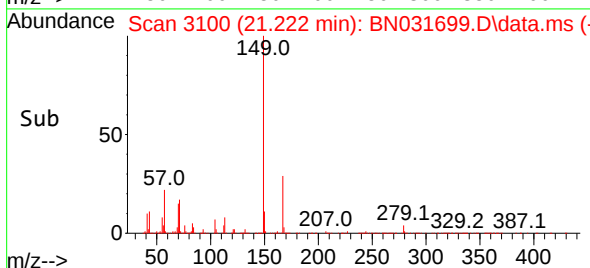
Reviewed By :Jagrut Upadhyay 05/30/2024
Supervised By :mohammad ahmed 05/31/2024

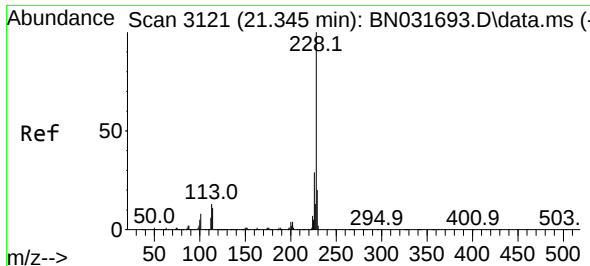


#86
Bis(2-ethylhexyl)phthalate
Concen: 13.001 ng/ul
RT: 21.222 min Scan# 3100
Delta R.T. -0.000 min
Lab File: BN031699.D
Acq: 29 May 2024 20:38



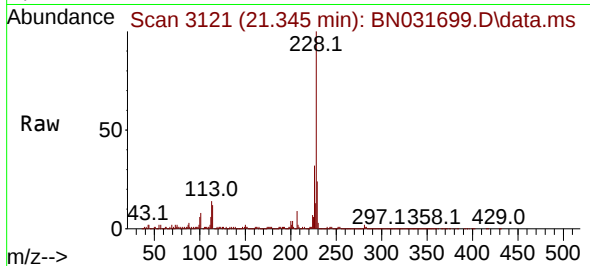
Tgt Ion:149 Resp: 1219407
Ion Ratio Lower Upper
149 100
167 28.8 21.4 32.0
279 3.9 3.3 4.9





#87
Chrysene
Concen: 12.062 ng/ul m
RT: 21.345 min Scan# 3121
Delta R.T. -0.006 min
Lab File: BN031699.D
Acq: 29 May 2024 20:38

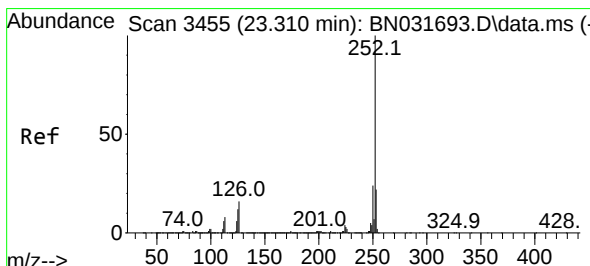
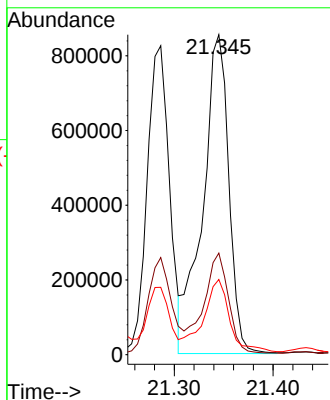
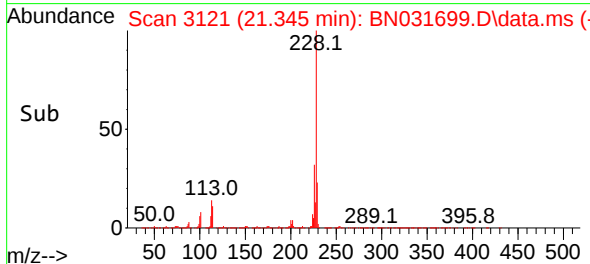
Instrument :
BNA_N
ClientSampleId :
BH697



Tgt Ion:228 Resp: 1565730
Ion Ratio Lower Upper
228 100
226 31.7 23.7 35.5
229 23.5 15.1 22.7

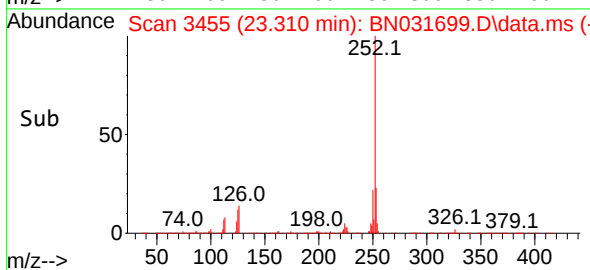
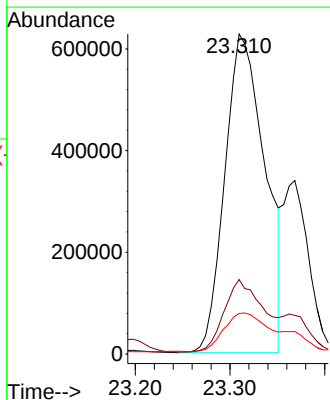
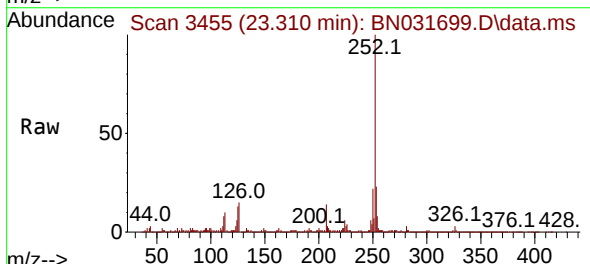
Manual Integrations
APPROVED

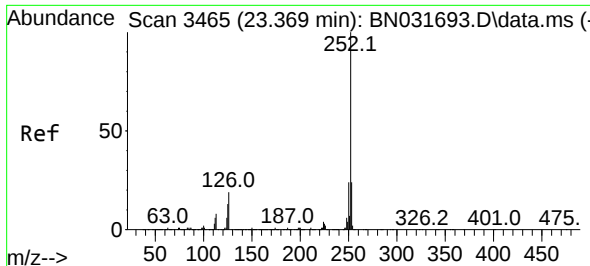
Reviewed By :Jagrut Upadhyay 05/30/2024
Supervised By :mohammad ahmed 05/31/2024



#90
Benzo(b)fluoranthene
Concen: 15.946 ng/ul
RT: 23.310 min Scan# 3455
Delta R.T. -0.000 min
Lab File: BN031699.D
Acq: 29 May 2024 20:38

Tgt Ion:252 Resp: 1844127
Ion Ratio Lower Upper
252 100
253 23.3 17.0 25.6
125 12.6 9.2 13.8





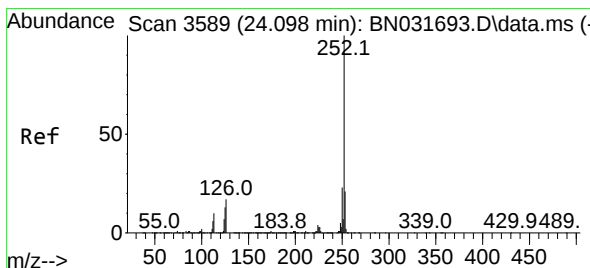
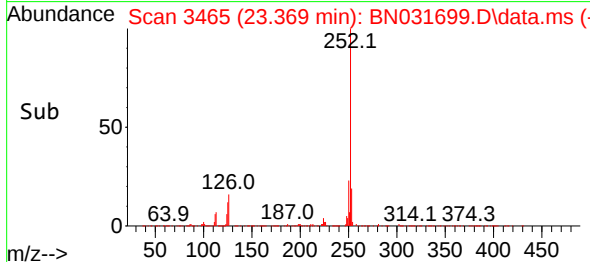
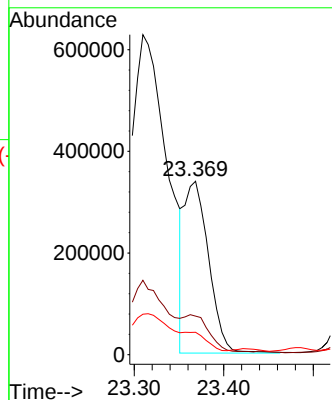
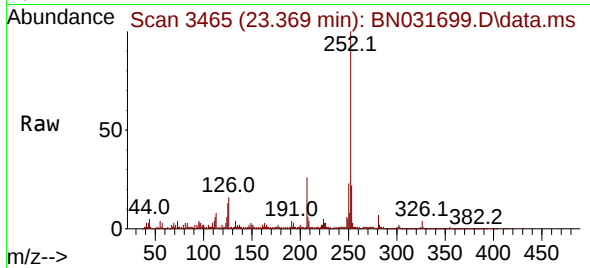
#91
Benzo(k)fluoranthene
Concen: 5.585 ng/ul m
RT: 23.369 min Scan# 3465
Delta R.T. -0.006 min
Lab File: BN031699.D
Acq: 29 May 2024 20:38

Instrument : BNA_N
ClientSampleId : BH697

Tgt Ion:252 Resp: 63383
Ion Ratio Lower Upper
252 100
253 22.3 17.6 26.4
125 12.9 9.4 14.2

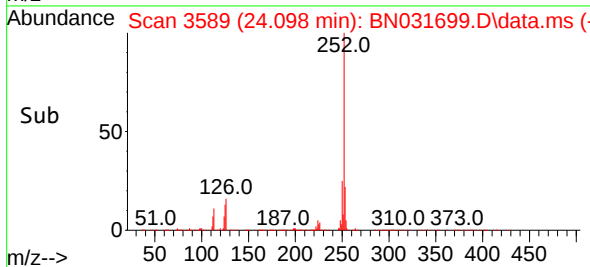
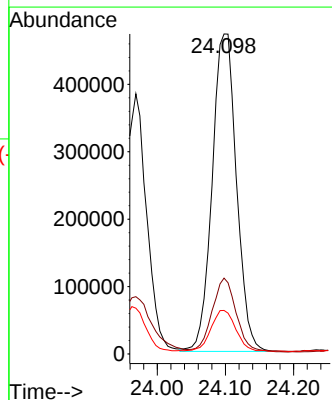
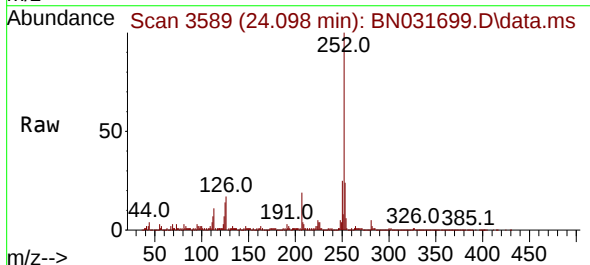
Manual Integrations
APPROVED

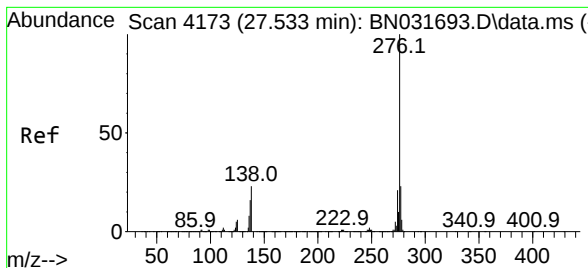
Reviewed By :Jagrut Upadhyay 05/30/2024
Supervised By :mohammad ahmed 05/31/2024



#93
Benzo(a)pyrene
Concen: 10.813 ng/ul
RT: 24.098 min Scan# 3589
Delta R.T. -0.006 min
Lab File: BN031699.D
Acq: 29 May 2024 20:38

Tgt Ion:252 Resp: 1171234
Ion Ratio Lower Upper
252 100
253 23.7 16.6 24.8
125 13.6 9.8 14.8





#94

Indeno(1,2,3-cd)pyrene

Concen: 5.978 ng/ul m

RT: 27.527 min Scan# 4172

Delta R.T. -0.006 min

Lab File: BN031699.D

Acq: 29 May 2024 20:38

Instrument :

BNA_N

ClientSampleId :

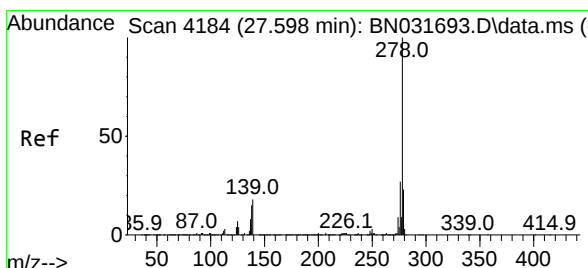
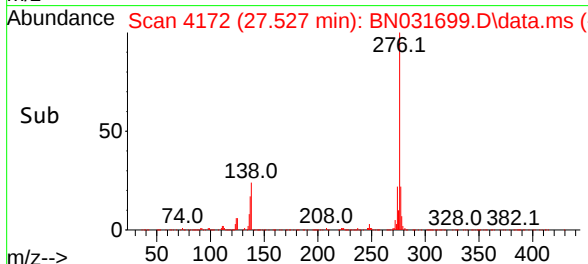
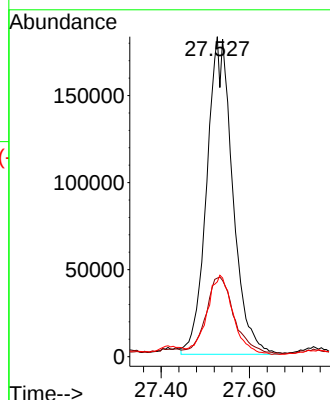
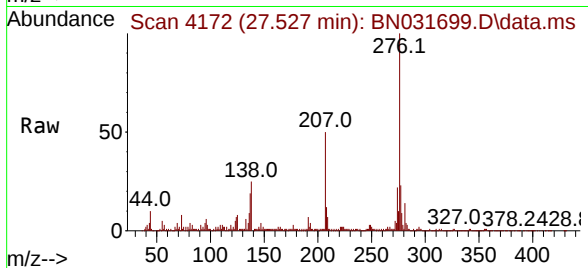
BH697

Tgt Ion:	276	Resp:	74616
Ion Ratio	Lower	Upper	
276	100		
138	24.5	18.1	27.1
277	23.4	18.2	27.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 05/30/2024
Supervised By :mohammad ahmed 05/31/2024



#95

Dibenzo(a,h)anthracene

Concen: 1.873 ng/ul

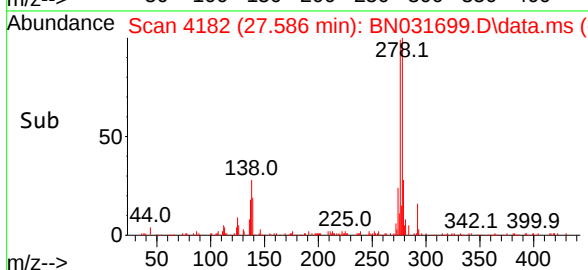
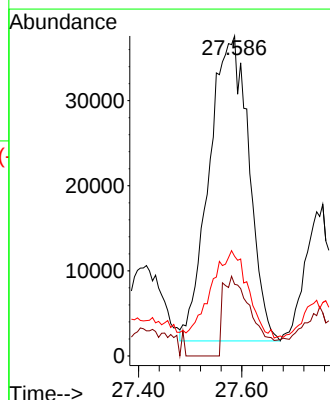
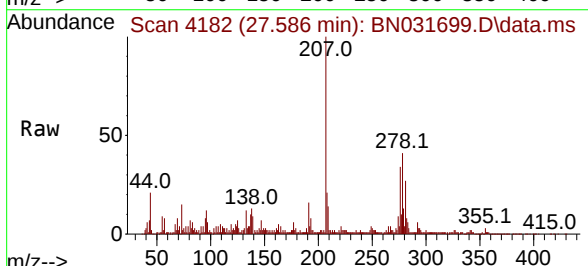
RT: 27.586 min Scan# 4182

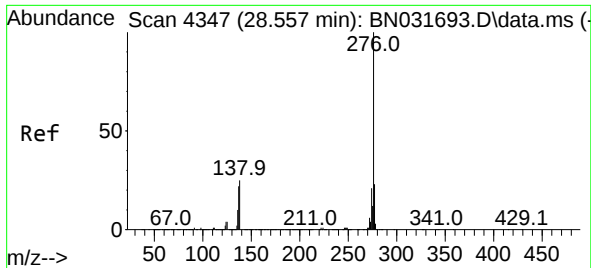
Delta R.T. -0.018 min

Lab File: BN031699.D

Acq: 29 May 2024 20:38

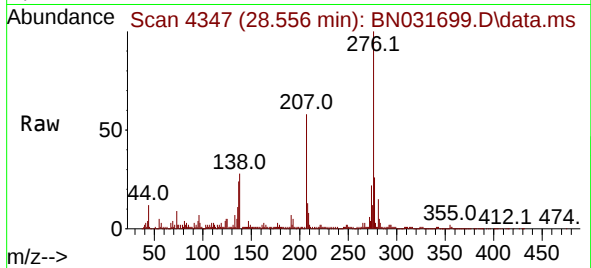
Tgt Ion:	278	Resp:	190855
Ion Ratio	Lower	Upper	
278	100		
139	22.4	15.0	22.6
279	31.1	17.4	26.0





#96
 Benzo(g,h,i)perylene
 Concen: 7.130 ng/ul
 RT: 28.556 min Scan# 41
 Delta R.T. -0.012 min
 Lab File: BN031699.D
 Acq: 29 May 2024 20:38

Instrument :
 BNA_N
 ClientSampleId :
 BH697



Tgt Ion:	276	Resp:	707384
Ion Ratio	Lower	Upper	
276	100		
138	27.5	20.9	31.3
277	25.9	18.0	27.0

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 05/30/2024
 Supervised By :mohammad ahmed 05/31/2024

