

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN053124\
 Data File : BN031745.D
 Acq On : 31 May 2024 16:57
 Operator : MA/JU
 Sample : P2549-06
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BH623

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 06/03/2024
 Supervised By :mohammad ahmed 06/04/2024

Quant Time: Jun 02 23:39:35 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	7.681	152	598538	20.000	ng/u1	0.00
20) Naphthalene-d8	10.463	136	2520459	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.322	164	1415148	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.069	188	2240058	20.000	ng/u1	0.00
79) Chrysene-d12	21.304	240	1552132	20.000	ng/u1	0.00
88) Perylene-d12	24.251	264	1826374	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.193	96	64452	4.455	ng/uL	0.00
4) Pyridine-d5	3.593	84	779734	19.146	ng/u1	0.00
7) Phenol-d5	6.852	99	1296886	25.275	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.022	67	723817	24.116	ng/u1	0.00
11) 2-Chlorophenol-d4	7.216	132	1034064	26.412	ng/u1	0.00
15) 4-Methylphenol-d8	8.387	113	851827	20.366	ng/u1	0.00
21) Nitrobenzene-d5	8.840	128	519524	26.958	ng/u1	0.00
24) 2-Nitrophenol-d4	9.557	143	555207	27.890	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.087	165	942406	25.358	ng/u1	0.00
31) 4-Chloroaniline-d4	10.604	131	484384	8.778	ng/u1	0.00
46) Dimethylphthalate-d6	13.739	166	2586046	26.231	ng/u1	0.00
49) Acenaphthylene-d8	14.016	160	3034660	26.770	ng/u1	0.00
54) 4-Nitrophenol-d4	14.539	143	356505	18.061	ng/u1	0.01
60) Fluorene-d10	15.322	176	2085952	25.006	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.445	200	181486	16.118	ng/u1	0.00
73) Anthracene-d10	17.169	188	2501089	26.080	ng/u1	0.00
81) Pyrene-d10	19.469	212	2448731	29.482	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.045	264	2336489	26.792	ng/u1	0.00
Target Compounds						
					Qvalue	
50) Acenaphthylene	14.045	152	135015	1.054	ng/u1	99
72) Phenanthrene	17.116	178	750616	6.578	ng/u1	99
74) Anthracene	17.204	178	159075	1.376	ng/u1	96
78) Di-n-butylphthalate	18.045	149	231423	1.706	ng/u1	99
80) Fluoranthene	19.133	202	1731065	17.439	ng/u1	100
82) Pyrene	19.498	202	1606231	15.772	ng/u1	99
83) Butylbenzylphthalate	20.404	149	53718	1.117	ng/u1	97
85) Benzo(a)anthracene	21.286	228	819688	7.890	ng/u1	98
86) Bis(2-ethylhexyl)phtha...	21.221	149	441587	6.298	ng/u1	98
87) Chrysene	21.351	228	925353	9.536	ng/u1	94
90) Benzo(b)fluoranthene	23.315	252	1296092	11.873	ng/u1	98
91) Benzo(k)fluoranthene	23.374	252	471340	4.400	ng/u1	95
93) Benzo(a)pyrene	24.110	252	916621	8.965	ng/u1	94
94) Indeno(1,2,3-cd)pyrene	27.551	276	714142	6.061	ng/u1	96
95) Dibenzo(a,h)anthracene	27.598	278	182144	1.894	ng/u1#	92
96) Benzo(g,h,i)perylene	28.586	276	670974m	7.164	ng/u1	

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

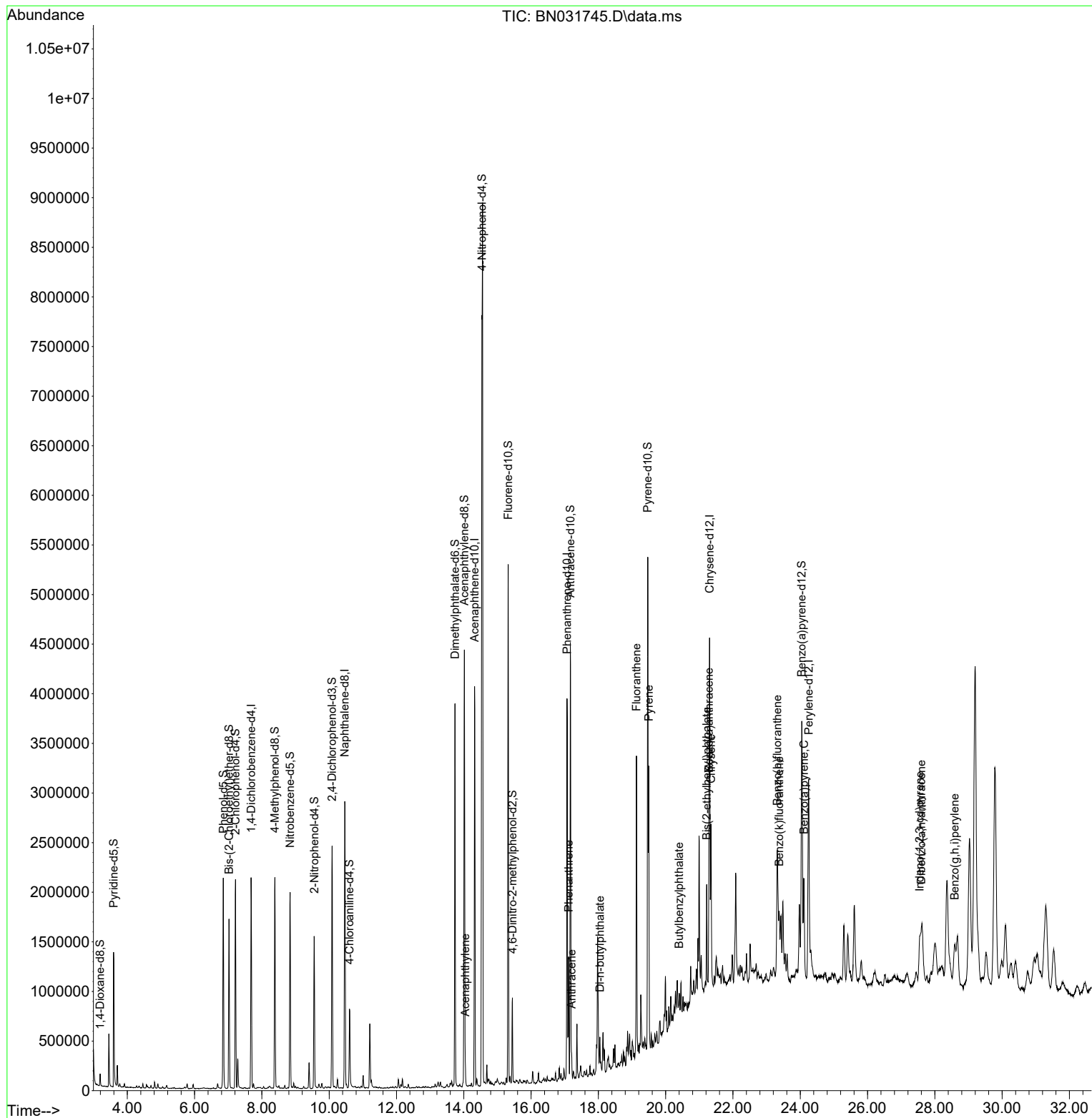
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN053124\
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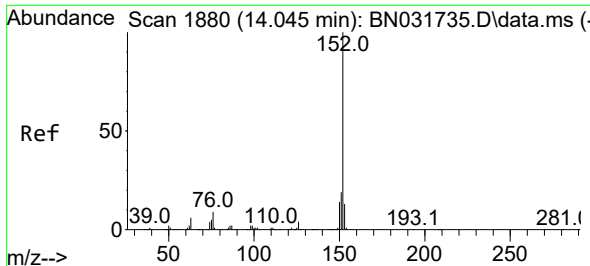
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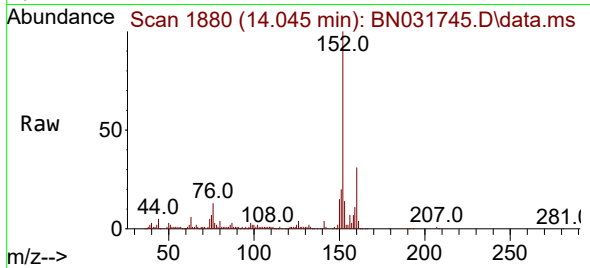
Quant Time: Jun 02 23:39:35 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
 Quant Title : SVOA CALIBRATION
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#50
Acenaphthylene
Concen: 1.054 ng/ul
RT: 14.045 min Scan# 1880
Delta R.T. -0.000 min
Lab File: BN031745.D
Acq: 31 May 2024 16:57

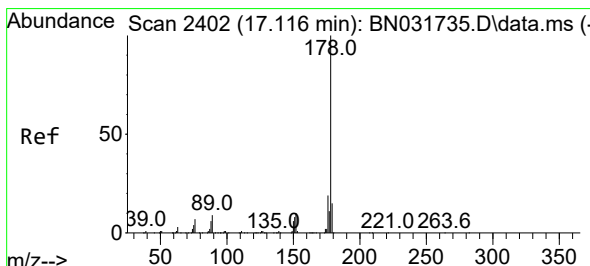
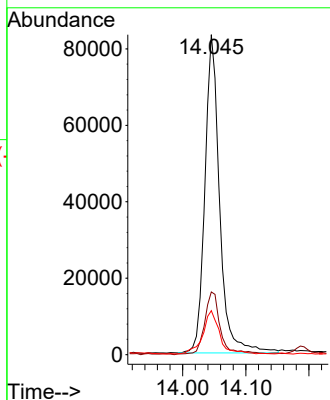
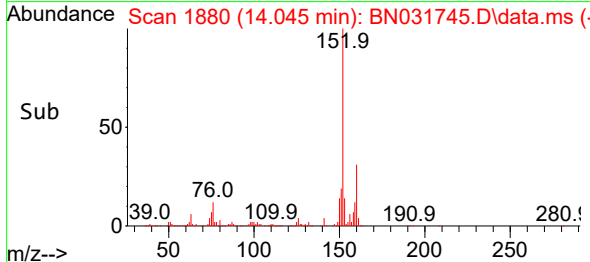
Instrument : BNA_N
ClientSampleId : BH623



Tgt Ion:152 Resp: 135015
Ion Ratio Lower Upper
152 100
151 19.6 15.9 23.9
153 13.8 10.4 15.6

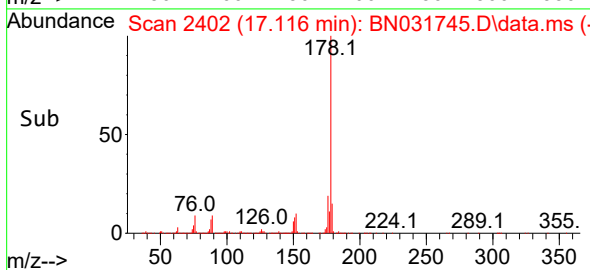
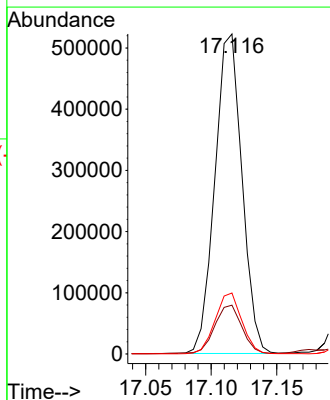
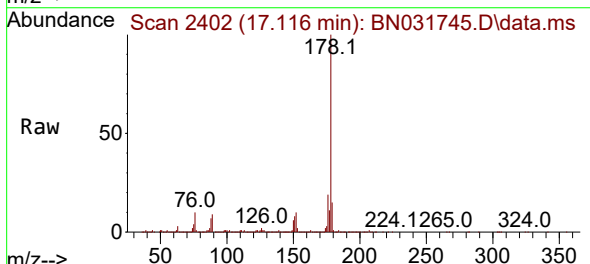
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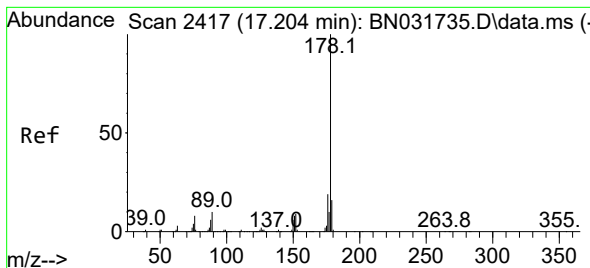
Reviewed By :Jagrut Upadhyay 06/03/2024
Supervised By :mohammad ahmed 06/04/2024



#72
Phenanthrene
Concen: 6.578 ng/ul
RT: 17.116 min Scan# 2402
Delta R.T. -0.000 min
Lab File: BN031745.D
Acq: 31 May 2024 16:57

Tgt Ion:178 Resp: 750616
Ion Ratio Lower Upper
178 100
179 15.2 12.6 19.0
176 19.0 15.8 23.6





#74

Anthracene

Concen: 1.376 ng/ul

RT: 17.204 min Scan# 2417

Delta R.T. -0.000 min

Lab File: BN031745.D

Acq: 31 May 2024 16:57

Instrument :

BNA_N

ClientSampleId :

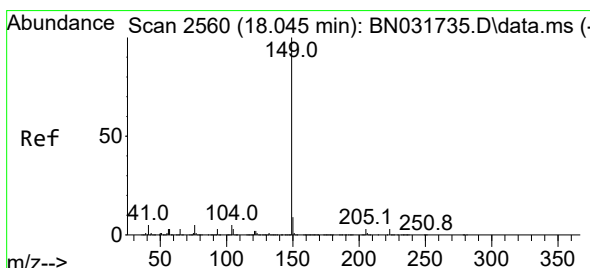
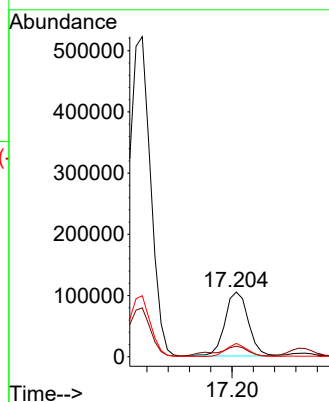
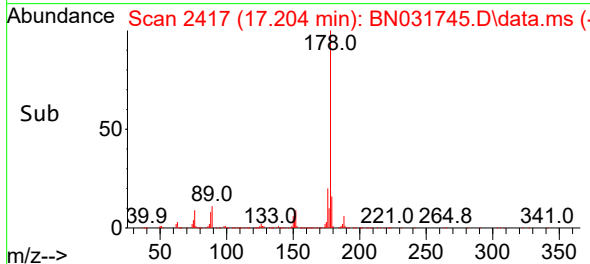
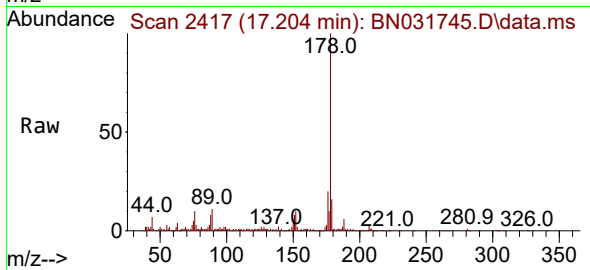
BH623

Tgt Ion:178 Resp: 159075
 Ion Ratio Lower Upper
 178 100
 179 16.4 11.8 17.6
 176 20.4 14.8 22.2

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#78

Di-n-butylphthalate

Concen: 1.706 ng/ul

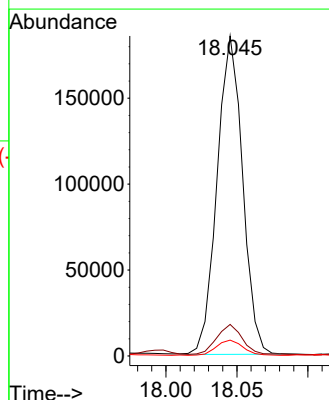
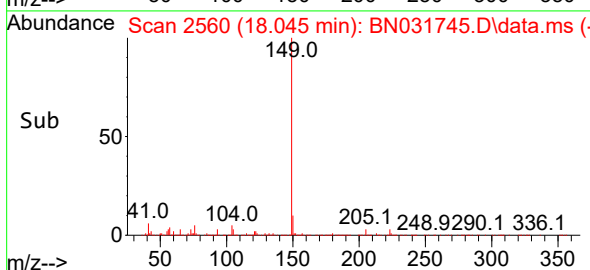
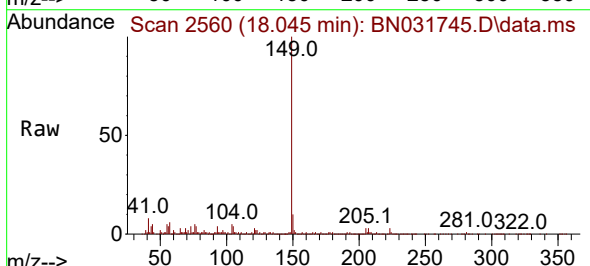
RT: 18.045 min Scan# 2560

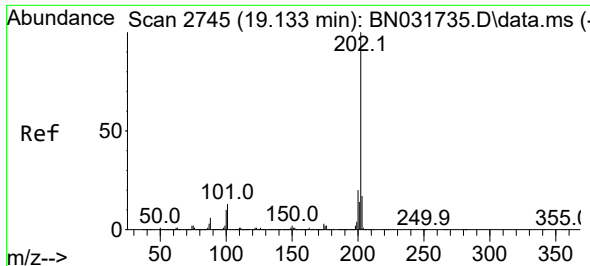
Delta R.T. -0.000 min

Lab File: BN031745.D

Acq: 31 May 2024 16:57

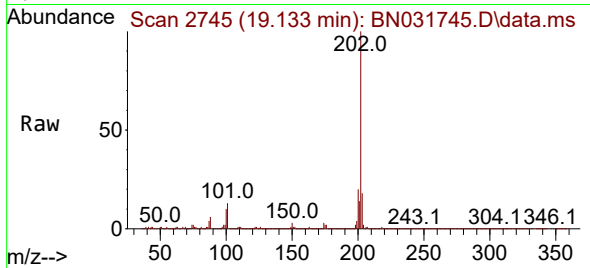
Tgt Ion:149 Resp: 231423
 Ion Ratio Lower Upper
 149 100
 150 9.9 7.4 11.0
 104 5.0 4.1 6.1





#80
Fluoranthene
Concen: 17.439 ng/ul
RT: 19.133 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN031745.D
Acq: 31 May 2024 16:57

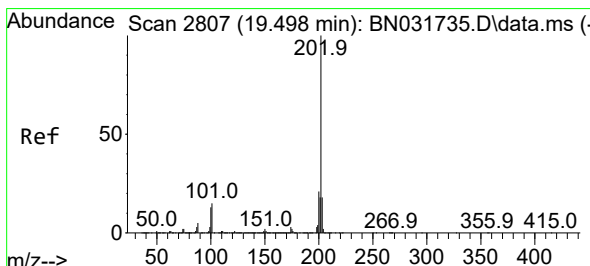
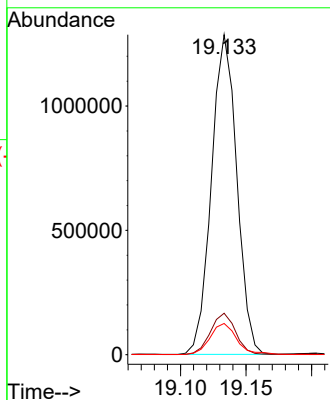
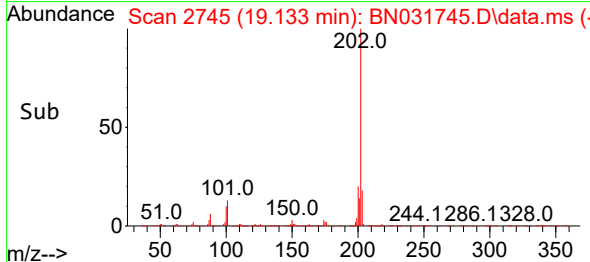
Instrument :
BNA_N
ClientSampleId :
BH623



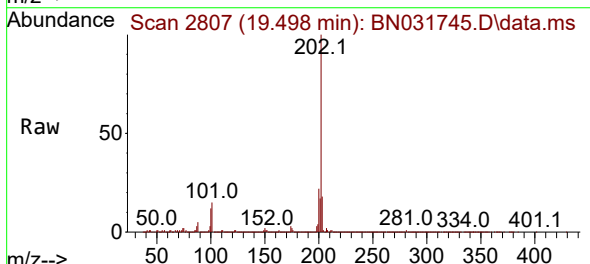
Tgt Ion:202 Resp: 1731065
Ion Ratio Lower Upper
202 100
101 13.0 10.3 15.5
100 9.7 8.0 12.0

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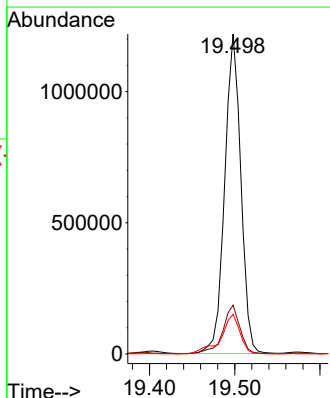
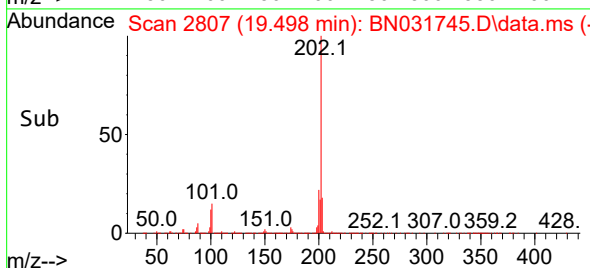
Reviewed By :Jagrut Upadhyay 06/03/2024
Supervised By :mohammad ahmed 06/04/2024

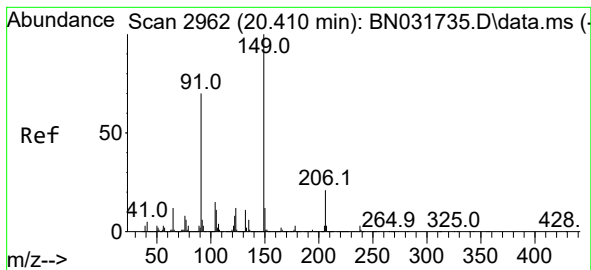


#82
Pyrene
Concen: 15.772 ng/ul
RT: 19.498 min Scan# 2807
Delta R.T. 0.006 min
Lab File: BN031745.D
Acq: 31 May 2024 16:57



Tgt Ion:202 Resp: 1606231
Ion Ratio Lower Upper
202 100
101 15.2 12.6 18.8
100 12.4 10.2 15.2





#83

Butylbenzylphthalate

Concen: 1.117 ng/ul

RT: 20.404 min Scan# 2962

Delta R.T. -0.000 min

Lab File: BN031745.D

Acq: 31 May 2024 16:57

Instrument :

BNA_N

ClientSampleId :

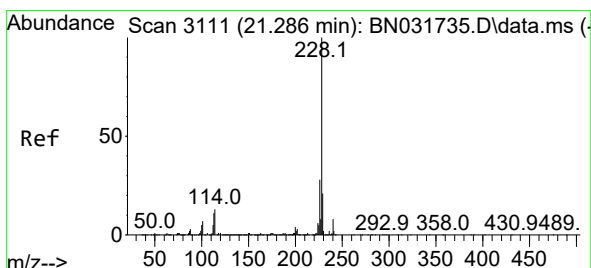
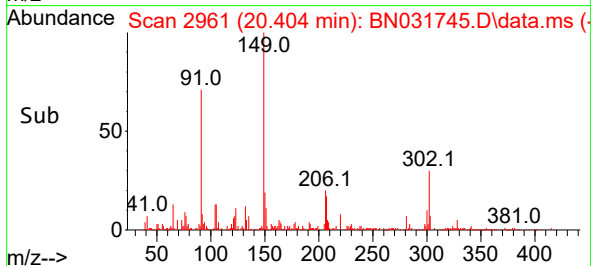
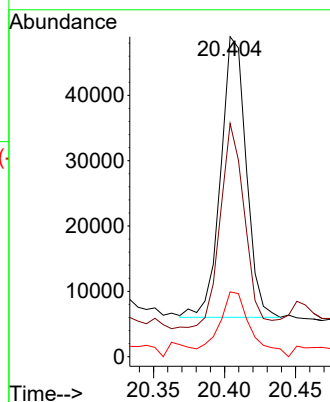
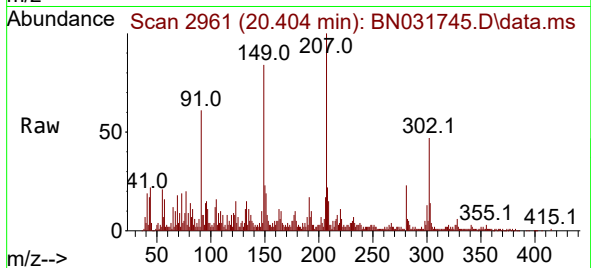
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Tgt Ion:	149	Resp:	53718
Ion Ratio	Lower	Upper	
149	100		
91	72.9	61.0	91.4
206	20.2	16.5	24.7

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Supervised By :mohammad ahmed 06/04/2024



#85

Benzo(a)anthracene

Concen: 7.890 ng/ul

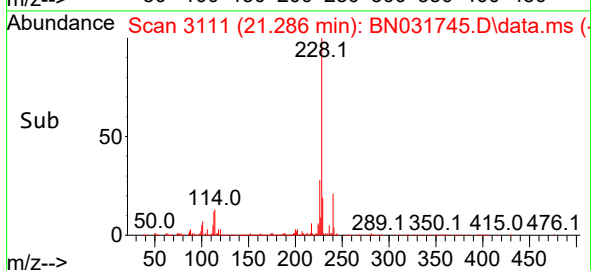
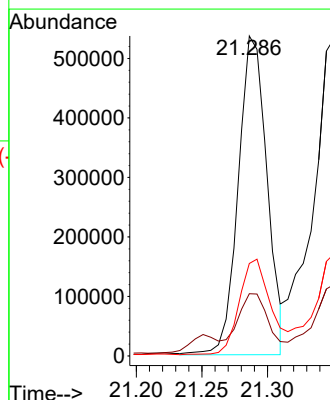
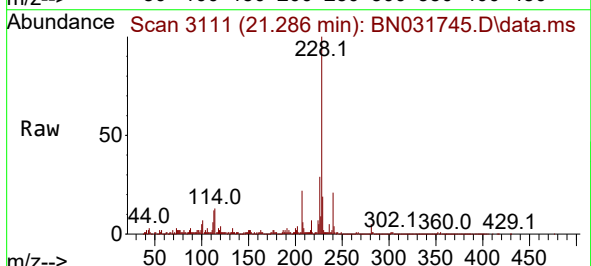
RT: 21.286 min Scan# 3111

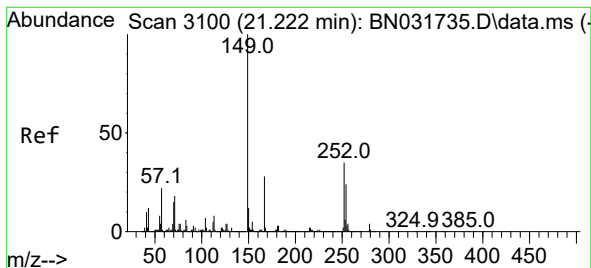
Delta R.T. -0.000 min

Lab File: BN031745.D

Acq: 31 May 2024 16:57

Tgt Ion:	228	Resp:	819688
Ion Ratio	Lower	Upper	
228	100		
229	19.5	16.7	25.1
226	28.9	22.8	34.2





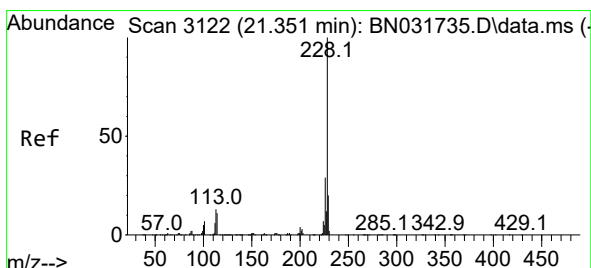
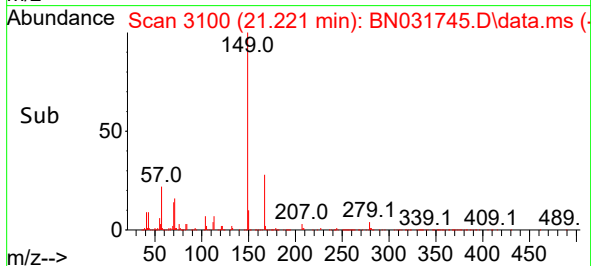
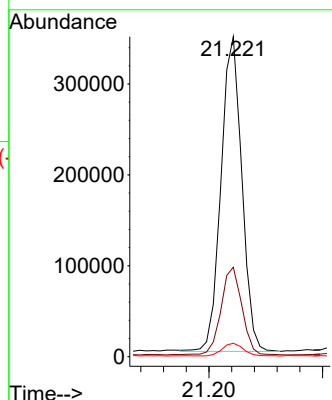
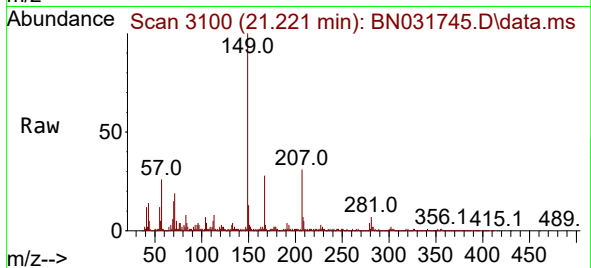
#86
Bis(2-ethylhexyl)phthalate
Concen: 6.298 ng/ul
RT: 21.221 min Scan# 3100
Delta R.T. -0.000 min
Lab File: BN031745.D
Acq: 31 May 2024 16:57

Instrument :
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Tgt Ion:149 Resp: 44158
Ion Ratio Lower Upper
149 100
167 28.0 21.4 32.0
279 4.2 3.3 4.9

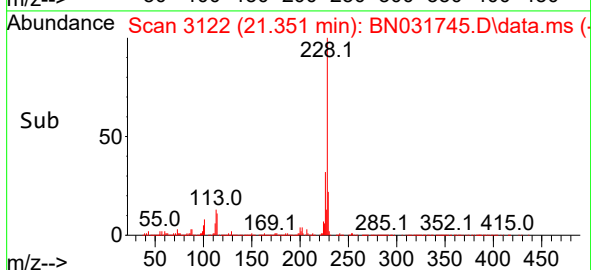
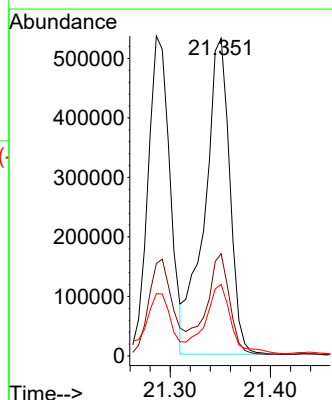
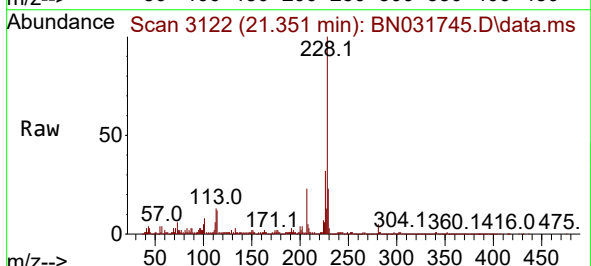
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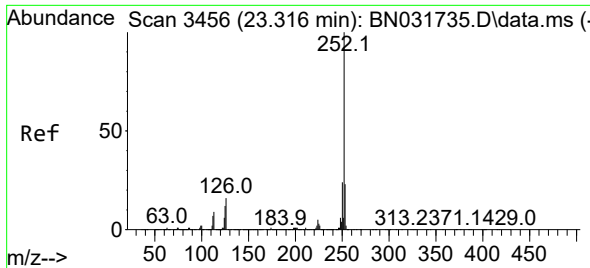
Reviewed By :Jagrut Upadhyay 06/03/2024
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#87
Chrysene
Concen: 9.536 ng/ul
RT: 21.351 min Scan# 3122
Delta R.T. -0.000 min
Lab File: BN031745.D
Acq: 31 May 2024 16:57

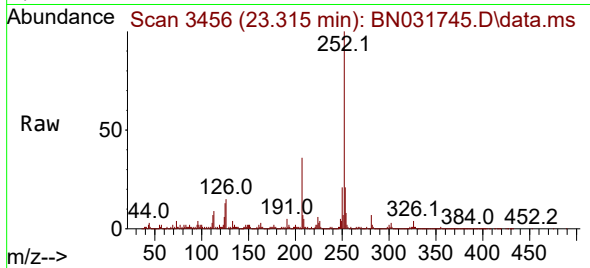
Tgt Ion:228 Resp: 925353
Ion Ratio Lower Upper
228 100
226 32.2 23.7 35.5
229 22.5 15.1 22.7





#90
Benzo(b)fluoranthene
Concen: 11.873 ng/ul
RT: 23.315 min Scan# 3456
Delta R.T. 0.006 min
Lab File: BN031745.D
Acq: 31 May 2024 16:57

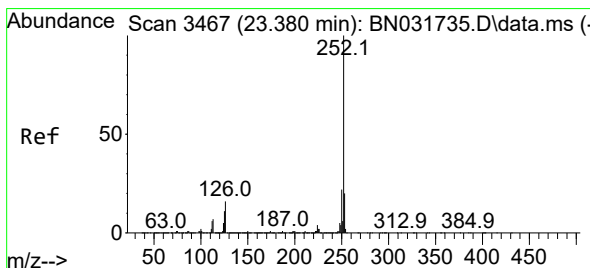
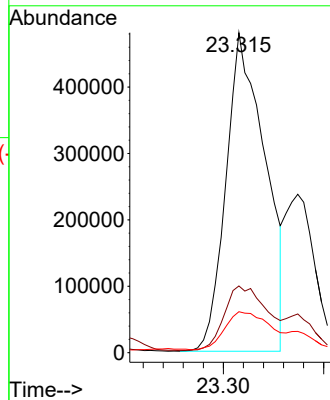
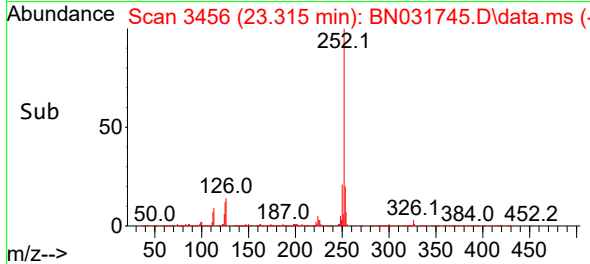
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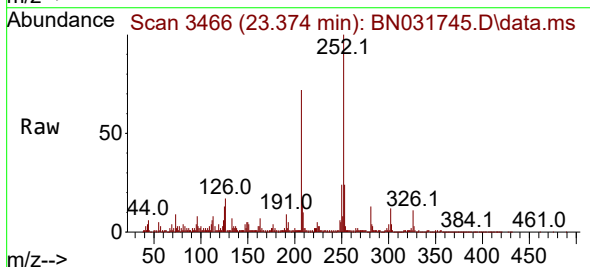
Tgt Ion:252 Resp: 1296092
Ion Ratio Lower Upper
252 100
253 20.9 17.0 25.6
125 12.8 9.2 13.8

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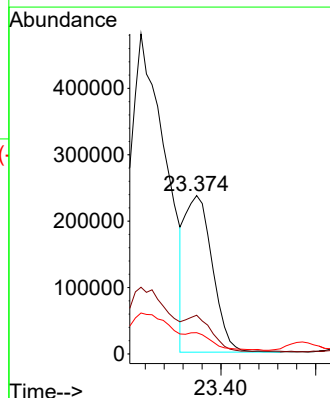
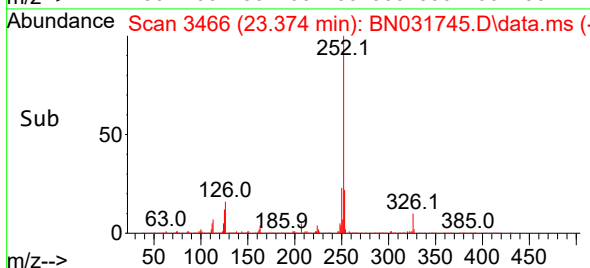
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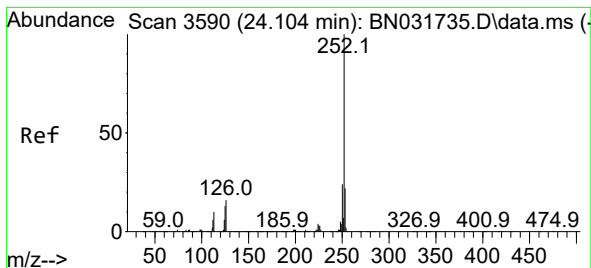


#91
Benzo(k)fluoranthene
Concen: 4.400 ng/ul
RT: 23.374 min Scan# 3466
Delta R.T. -0.000 min
Lab File: BN031745.D
Acq: 31 May 2024 16:57



Tgt Ion:252 Resp: 471340
Ion Ratio Lower Upper
252 100
253 24.4 17.6 26.4
125 13.4 9.4 14.2





#93

Benzo(a)pyrene

Concen: 8.965 ng/ul

RT: 24.110 min Scan# 3591

Delta R.T. 0.006 min

Lab File: BN031745.D

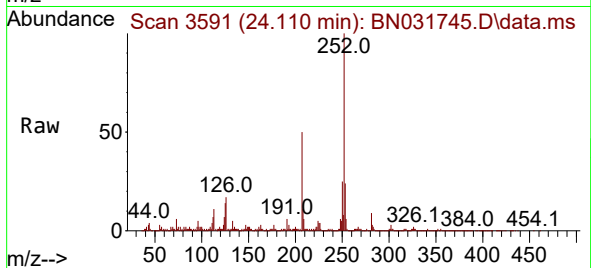
Acq: 31 May 2024 16:57

Instrument :

BNA_N

ClientSampleId :

BH623



Tgt Ion:252 Resp: 91662

Ion Ratio Lower Upper

252 100

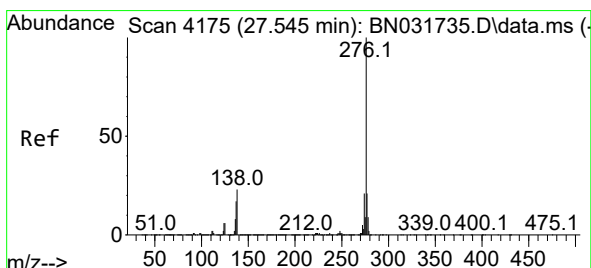
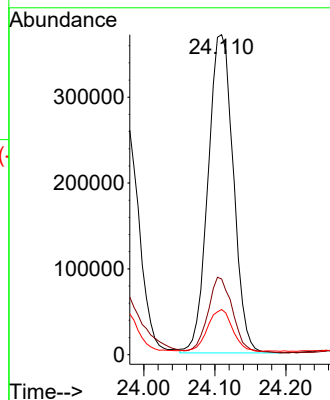
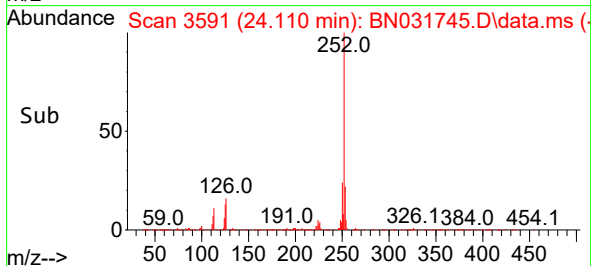
253 23.7 16.6 24.8

125 14.1 9.8 14.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 06/03/2024
Supervised By :mohammad ahmed 06/04/2024



#94

Indeno(1,2,3-cd)pyrene

Concen: 6.061 ng/ul

RT: 27.551 min Scan# 4176

Delta R.T. 0.017 min

Lab File: BN031745.D

Acq: 31 May 2024 16:57

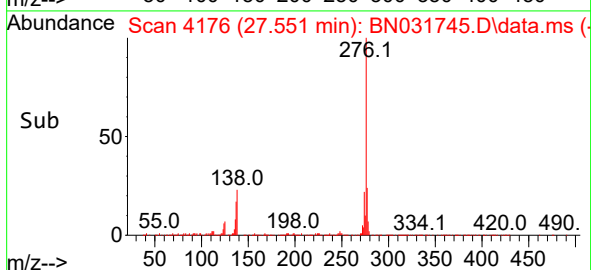
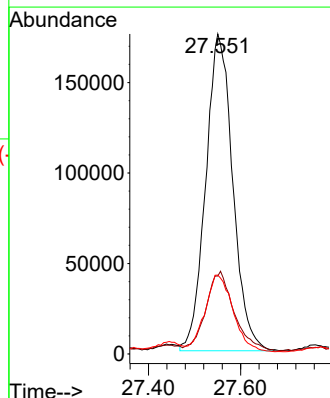
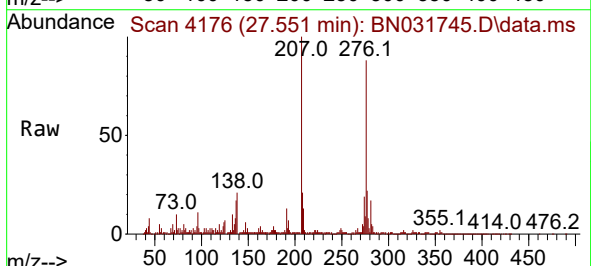
Tgt Ion:276 Resp: 714142

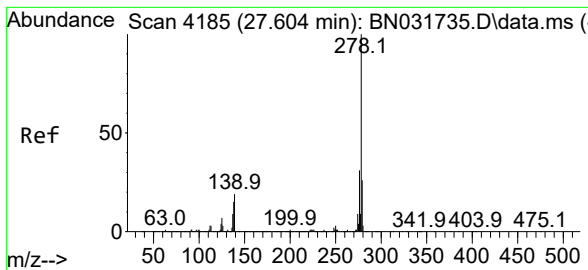
Ion Ratio Lower Upper

276 100

138 24.3 18.1 27.1

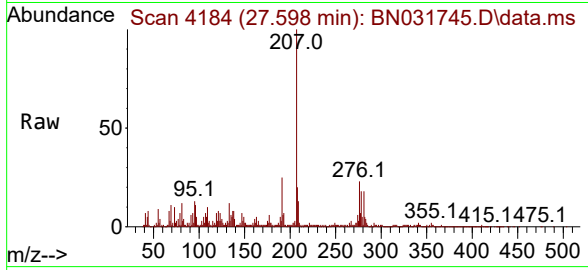
277 24.6 18.2 27.2





#95
 Dibenzo(a,h)anthracene
 Concen: 1.894 ng/ul
 RT: 27.598 min Scan# 4184
 Delta R.T. -0.006 min
 Lab File: BN031745.D
 Acq: 31 May 2024 16:57

Instrument :
 BNA_N
 ClientSampleId :
 BH623

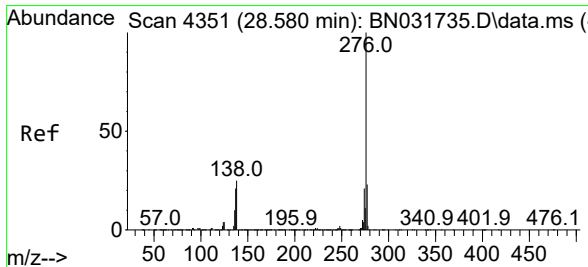
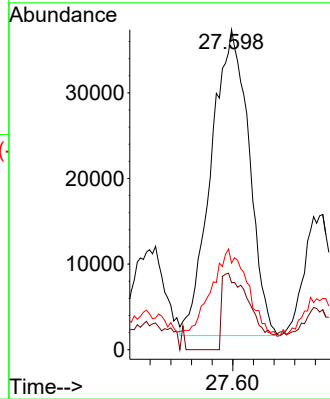
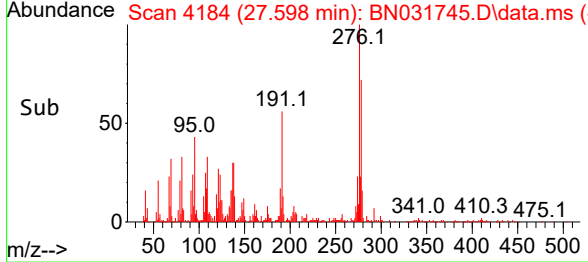


Tgt Ion: 278 Resp: 182144

Ion	Ratio	Lower	Upper
278	100		
139	21.0	15.0	22.6
279	27.1	17.4	26.0

Manual Integrations
 APPROVED

Reviewed By : Jagrut Upadhyay 06/03/2024
 Supervised By : mohammad ahmed 06/04/2024



#96
 Benzo(g,h,i)perylene
 Concen: 7.164 ng/ul m
 RT: 28.586 min Scan# 4352
 Delta R.T. 0.017 min
 Lab File: BN031745.D
 Acq: 31 May 2024 16:57

Tgt Ion: 276 Resp: 670974

Ion	Ratio	Lower	Upper
276	100		
138	24.4	20.9	31.3
277	22.9	18.0	27.0

