

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051122\
 Data File : BM034991.D
 Acq On : 11 May 2022 18:44
 Operator : CG/JU
 Sample : N2603-10
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EW491

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 05/12/2022
 Supervised By :Yogesh Patel 05/17/2022

Quant Time: May 12 03:29:41 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM051022.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue May 10 16:40:09 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.922	152	222896	20.000	ng/u1	0.00
20) Naphthalene-d8	10.722	136	881579	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.551	164	505844	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.292	188	972443	20.000	ng/u1	0.00
79) Chrysene-d12	21.468	240	904052	20.000	ng/u1	0.00
88) Perylene-d12	23.856	264	966107	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.369	96	32562	6.112	ng/uL	0.00
4) Pyridine-d5	3.781	84	204669	13.937	ng/u1	0.00
7) Phenol-d5	7.081	99	562694	29.181	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.251	67	383619	31.696	ng/u1	0.00
11) 2-Chlorophenol-d4	7.451	132	508967	33.589	ng/u1	0.00
15) 4-Methylphenol-d8	8.628	113	369406	23.497	ng/u1	0.00
21) Nitrobenzene-d5	9.081	128	240745	35.630	ng/u1	0.00
24) 2-Nitrophenol-d4	9.804	143	264840	36.340	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.339	165	442954	32.477	ng/u1	0.00
31) 4-Chloroaniline-d4	10.857	131	327246	16.851	ng/u1	0.00
46) Dimethylphthalate-d6	13.963	166	1368671	35.877	ng/u1	0.00
49) Acenaphthylene-d8	14.245	160	1633084	33.737	ng/u1	0.00
54) 4-Nitrophenol-d4	14.739	143	199233	30.565	ng/u1	0.00
60) Fluorene-d10	15.545	176	1178723	36.624	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.657	200	174843	28.532	ng/u1	0.00
73) Anthracene-d10	17.392	188	1683418	35.581	ng/u1	0.00
81) Pyrene-d10	19.680	212	1991817	35.283	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.703	264	2055441	40.708	ng/u1	0.00
Target Compounds					Qvalue	
52) Acenaphthene	14.615	153	44398	1.366	ng/u1	98
61) Fluorene	15.598	166	58380	1.594	ng/u1	98
72) Phenanthrene	17.333	178	608299	11.121	ng/u1	99
74) Anthracene	17.427	178	178485	3.226	ng/u1	100
77) Carbazole	17.692	167	53044	1.091	ng/u1	98
80) Fluoranthene	19.345	202	672014	9.903	ng/u1	96
82) Pyrene	19.709	202	544627	7.859	ng/u1	97
85) Benzo(a)anthracene	21.450	228	275198	4.685	ng/u1	97
87) Chrysene	21.503	228	263408	4.605	ng/u1	95
90) Benzo(b)fluoranthene	23.127	252	349174	5.381	ng/u1#	94
91) Benzo(k)fluoranthene	23.168	252	110448m	1.787	ng/u1	
93) Benzo(a)pyrene	23.750	252	240480	3.887	ng/u1#	93
94) Indeno(1,2,3-cd)pyrene	26.315	276	175070	2.474	ng/u1	97
96) Benzo(g,h,i)perylene	27.073	276	129888	2.210	ng/u1#	94

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

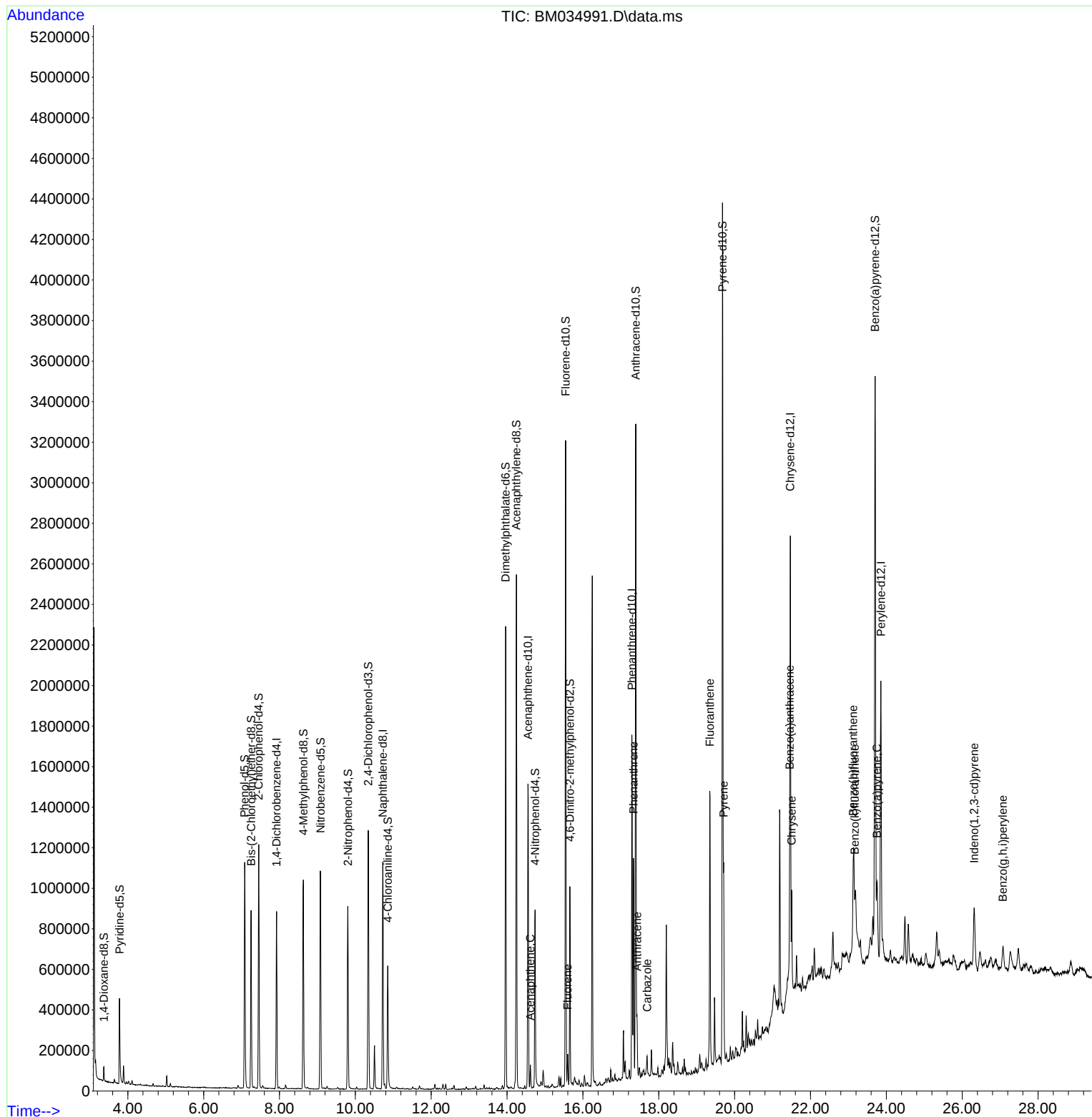
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051122\
 Data File : BM034991.D
 Acq On : 11 May 2022 18:44
 Operator : CG/JU
 Sample : N2603-10
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

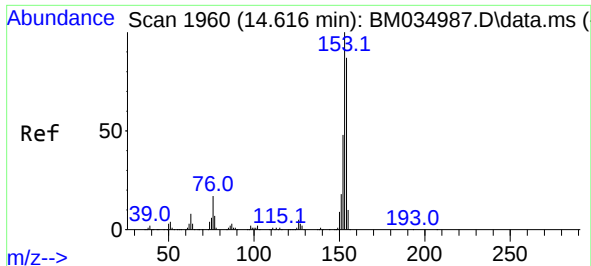
Instrument :
 BNA_M
 ClientSampleId :
 EW491

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 05/12/2022
 Supervised By :Yogesh Patel 05/17/2022

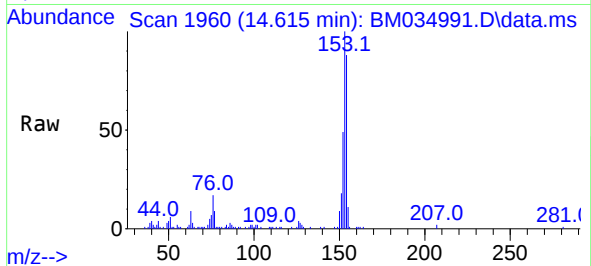
Quant Time: May 12 03:29:41 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM051022.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue May 10 16:40:09 2022
 Response via : Initial Calibration





#52
Acenaphthene
Concen: 1.366 ng/u1
RT: 14.615 min Scan# 1960
Delta R.T. -0.000 min
Lab File: BM034991.D
Acq: 11 May 2022 18:44

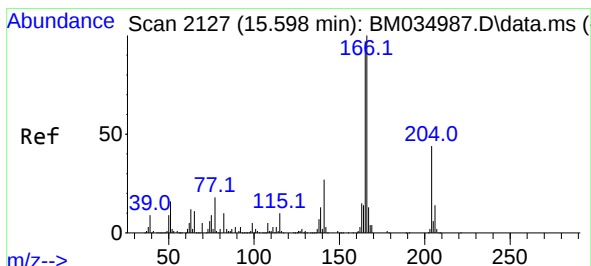
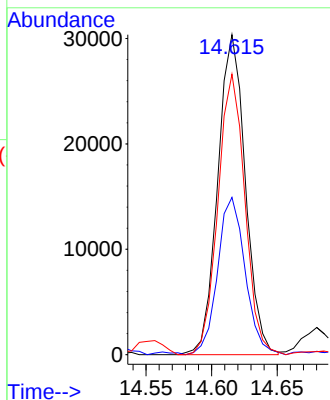
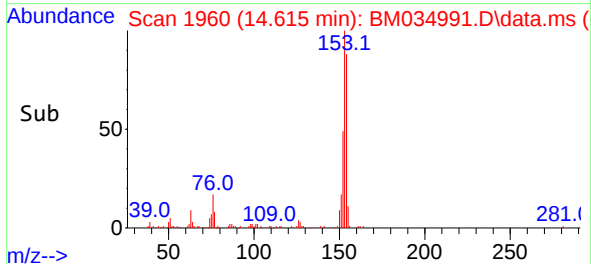
Instrument :
BNA_M
ClientSampleId :
EW491



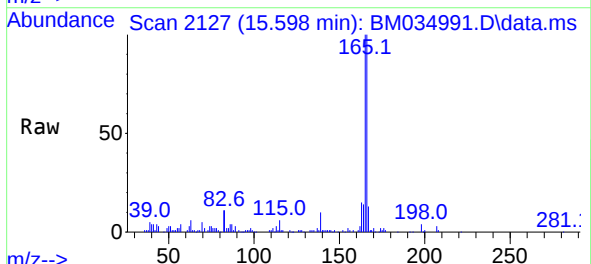
Tgt Ion:153 Resp: 44398
Ion Ratio Lower Upper
153 100
152 49.2 37.5 56.3
154 87.6 71.0 106.4

Manual Integrations
APPROVED

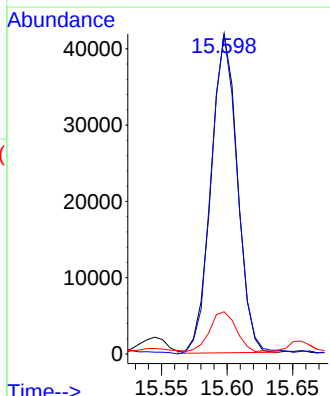
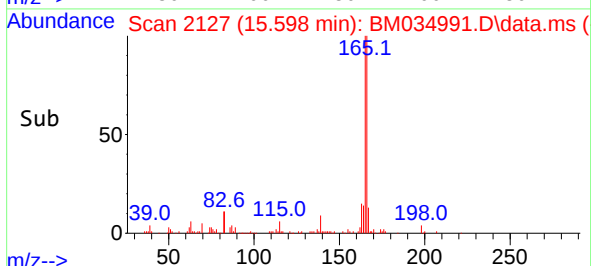
Reviewed By :Jagrut Upadhyay 05/12/2022
Supervised By :Yogesh Patel 05/17/2022

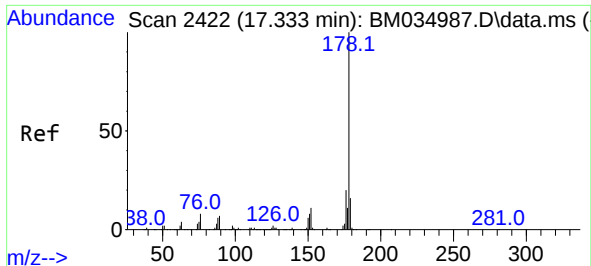


#61
Fluorene
Concen: 1.594 ng/u1
RT: 15.598 min Scan# 2127
Delta R.T. -0.000 min
Lab File: BM034991.D
Acq: 11 May 2022 18:44



Tgt Ion:166 Resp: 58380
Ion Ratio Lower Upper
166 100
165 99.8 77.9 116.9
167 13.2 10.3 15.5





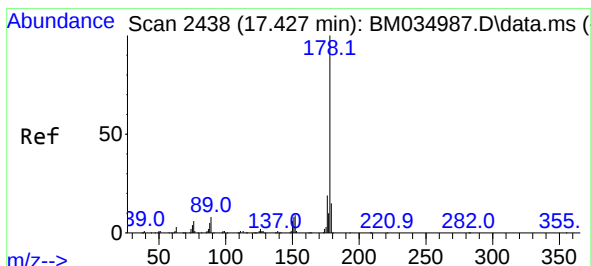
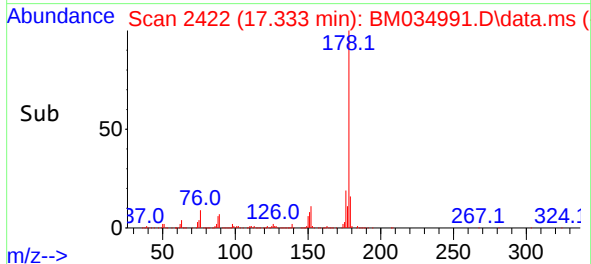
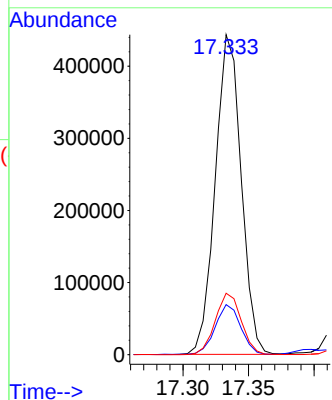
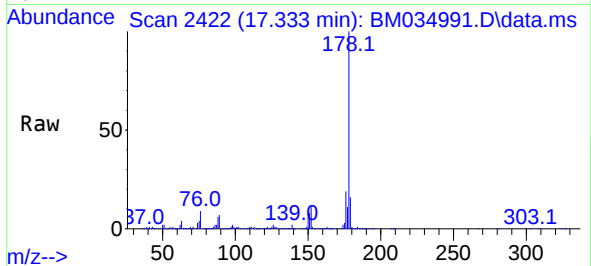
#72
Phenanthrene
Concen: 11.121 ng/ul
RT: 17.333 min Scan# 2422
Delta R.T. -0.006 min
Lab File: BM034991.D
Acq: 11 May 2022 18:44

Instrument :
BNA_M
ClientSampleId :
EW491

Tgt Ion:178 Resp: 608299
Ion Ratio Lower Upper
178 100
179 15.7 12.2 18.4
176 19.2 15.0 22.6

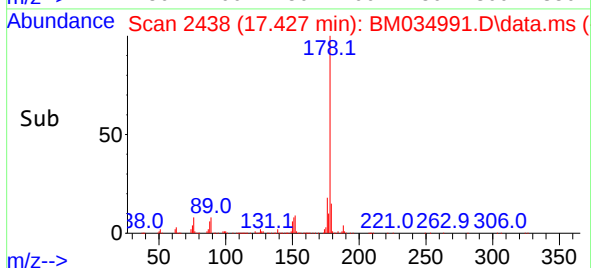
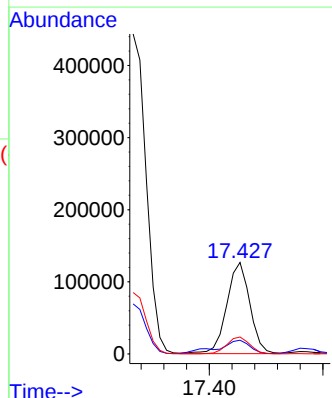
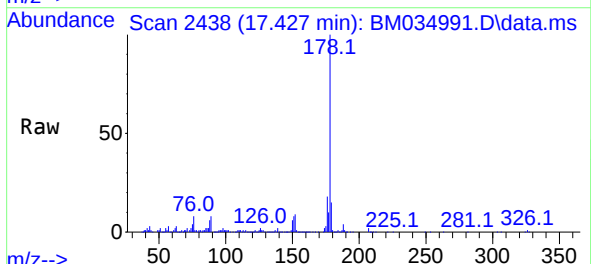
Manual Integrations
APPROVED

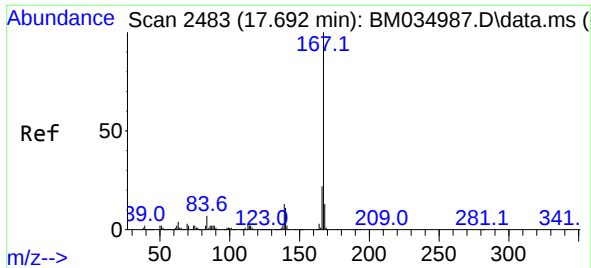
Reviewed By :Jagrut Upadhyay 05/12/2022
Supervised By :Yogesh Patel 05/17/2022



#74
Anthracene
Concen: 3.226 ng/ul
RT: 17.427 min Scan# 2438
Delta R.T. -0.000 min
Lab File: BM034991.D
Acq: 11 May 2022 18:44

Tgt Ion:178 Resp: 178485
Ion Ratio Lower Upper
178 100
179 15.1 12.2 18.4
176 18.5 14.6 22.0





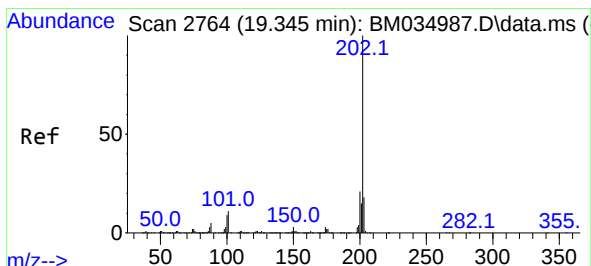
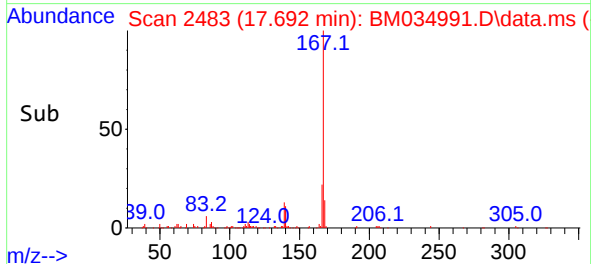
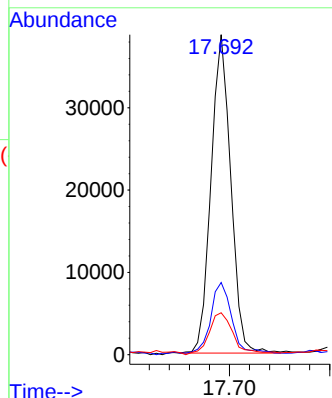
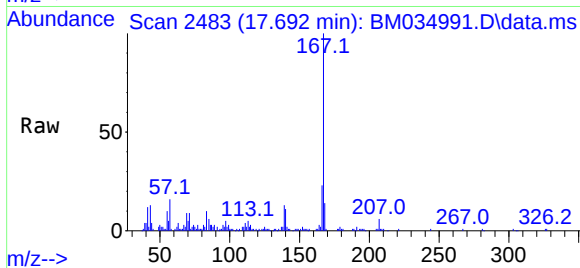
#77
 Carbazole
 Concen: 1.091 ng/ul
 RT: 17.692 min Scan# 2483
 Delta R.T. -0.000 min
 Lab File: BM034991.D
 Acq: 11 May 2022 18:44

Instrument :
 BNA_M
 ClientSampleId :
 EW491

Tgt Ion:167	Resp: 5304
Ion Ratio	Lower Upper
167 100	
166 22.5	17.1 25.7
139 13.1	10.5 15.7

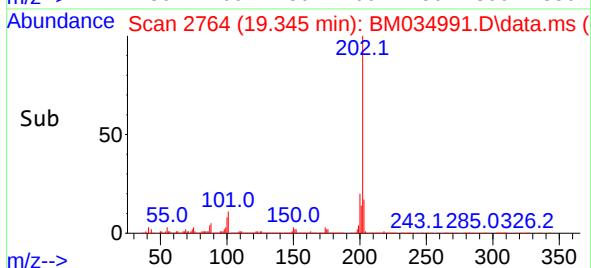
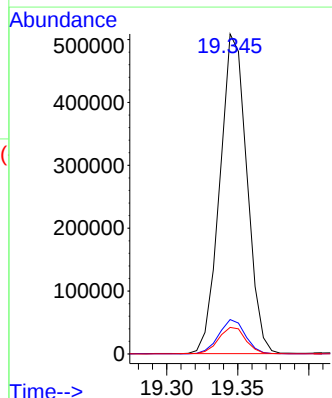
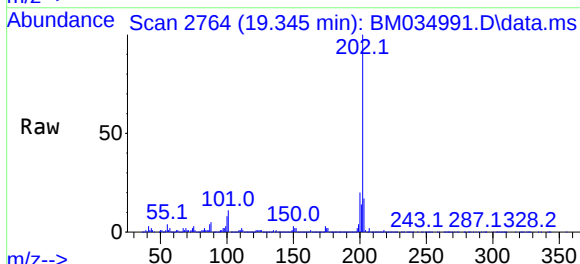
Manual Integrations
 APPROVED

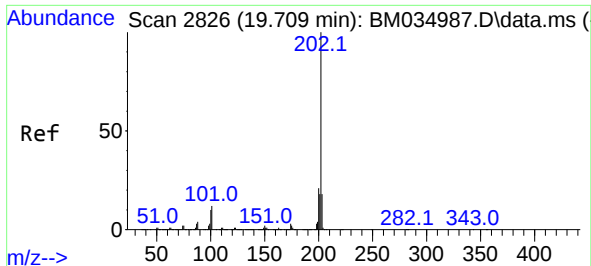
Reviewed By :Jagrut Upadhyay 05/12/2022
 Supervised By :Yogesh Patel 05/17/2022



#80
 Fluoranthene
 Concen: 9.903 ng/ul
 RT: 19.345 min Scan# 2764
 Delta R.T. -0.006 min
 Lab File: BM034991.D
 Acq: 11 May 2022 18:44

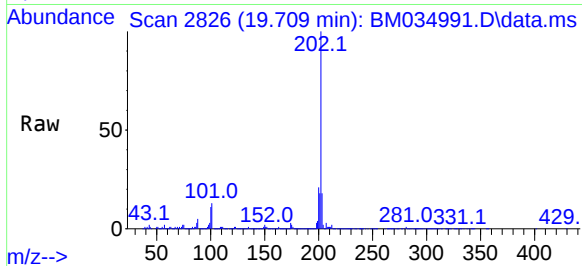
Tgt Ion:202	Resp: 672014
Ion Ratio	Lower Upper
202 100	
101 10.8	7.4 11.2
100 8.3	5.8 8.6





#82
Pyrene
Concen: 7.859 ng/u1
RT: 19.709 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM034991.D
Acq: 11 May 2022 18:44

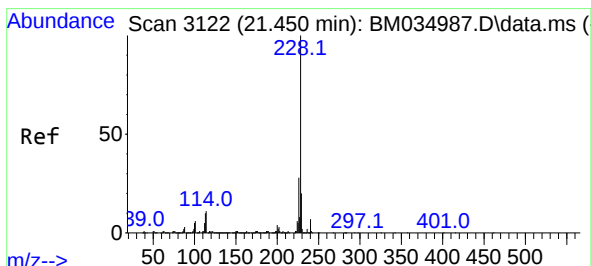
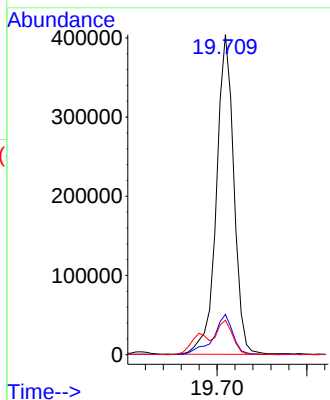
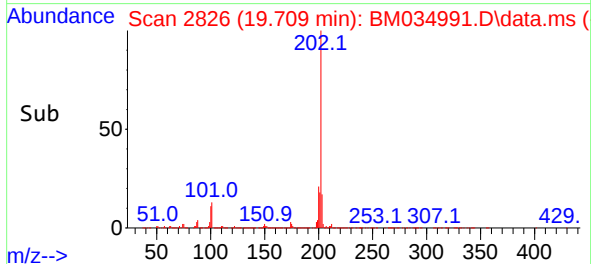
Instrument :
BNA_M
ClientSampleId :
EW491



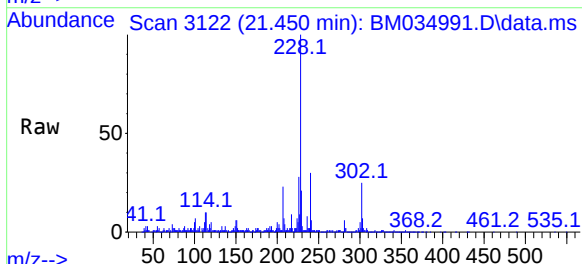
Tgt Ion:202 Resp: 54462
Ion Ratio Lower Upper
202 100
101 12.6 9.4 14.0
100 10.8 7.8 11.6

Manual Integrations
APPROVED

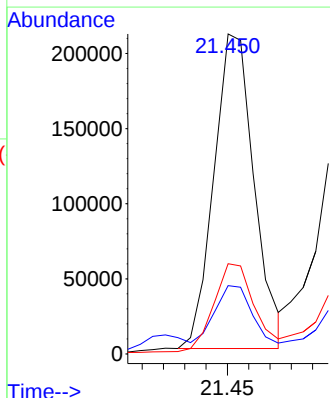
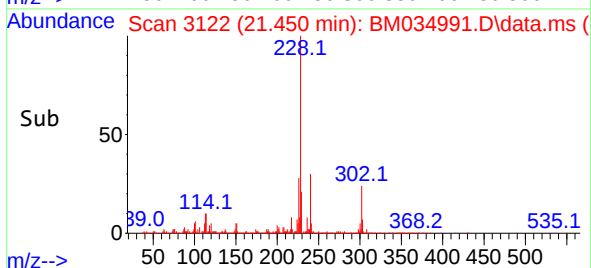
Reviewed By :Jagrut Upadhyay 05/12/2022
Supervised By :Yogesh Patel 05/17/2022

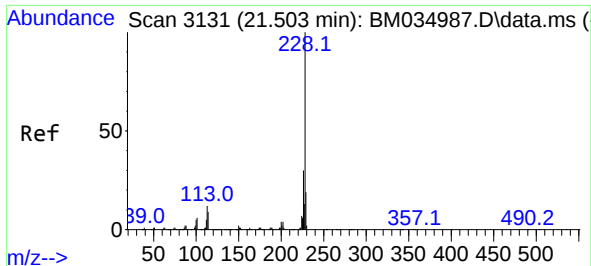


#85
Benzo(a)anthracene
Concen: 4.685 ng/u1
RT: 21.450 min Scan# 3122
Delta R.T. -0.006 min
Lab File: BM034991.D
Acq: 11 May 2022 18:44



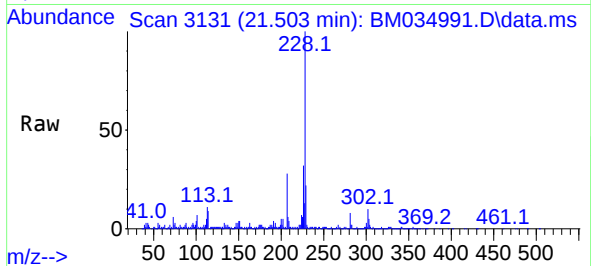
Tgt Ion:228 Resp: 275198
Ion Ratio Lower Upper
228 100
229 21.4 15.4 23.0
226 28.2 21.7 32.5





#87
Chrysene
Concen: 4.605 ng/u1
RT: 21.503 min Scan# 3131
Delta R.T. -0.006 min
Lab File: BM034991.D
Acq: 11 May 2022 18:44

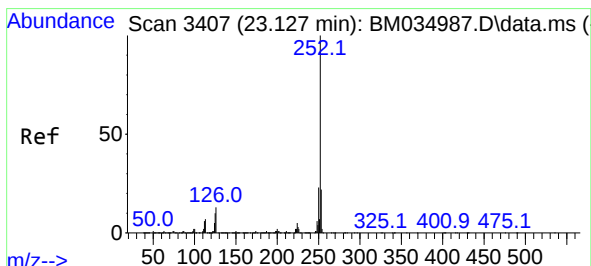
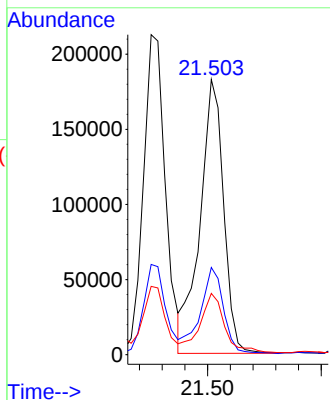
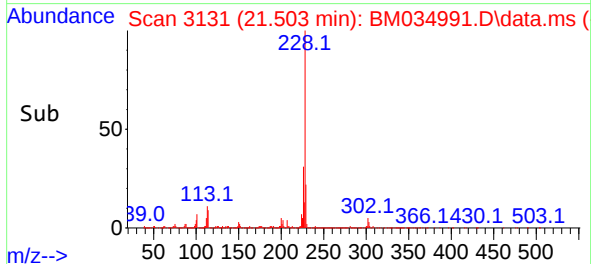
Instrument :
BNA_M
ClientSampleId :
EW491



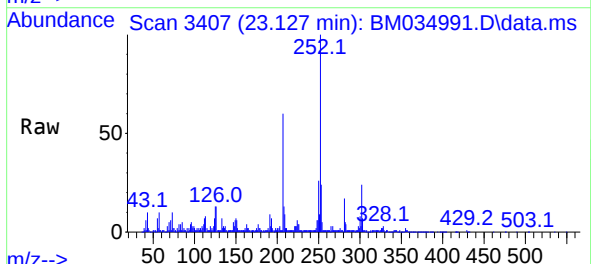
Tgt Ion:228 Resp: 263408
Ion Ratio Lower Upper
228 100
226 31.7 23.7 35.5
229 22.3 15.7 23.5

Manual Integrations
APPROVED

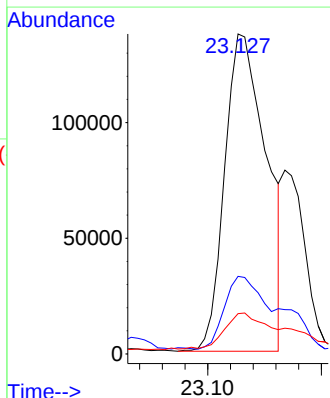
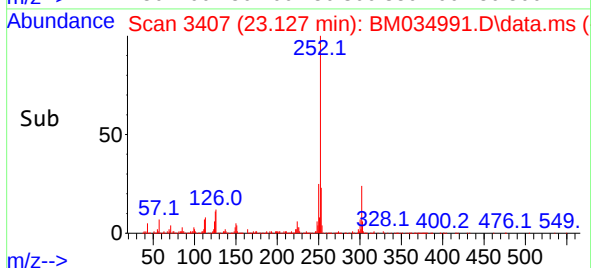
Reviewed By :Jagrut Upadhyay 05/12/2022
Supervised By :Yogesh Patel 05/17/2022

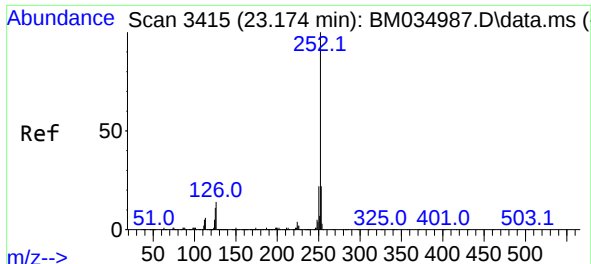


#90
Benzo(b)fluoranthene
Concen: 5.381 ng/u1
RT: 23.127 min Scan# 3407
Delta R.T. -0.006 min
Lab File: BM034991.D
Acq: 11 May 2022 18:44



Tgt Ion:252 Resp: 349174
Ion Ratio Lower Upper
252 100
253 24.2 17.4 26.0
125 12.6 7.6 11.4#





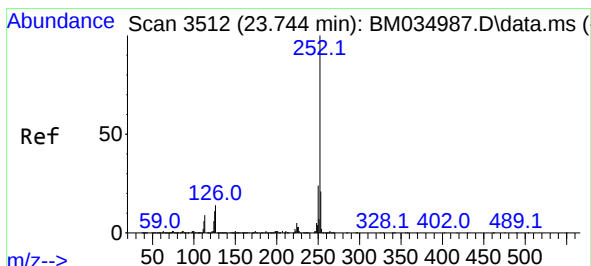
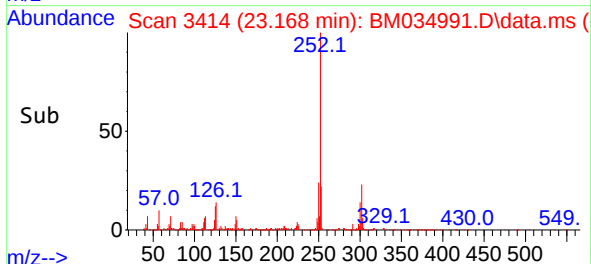
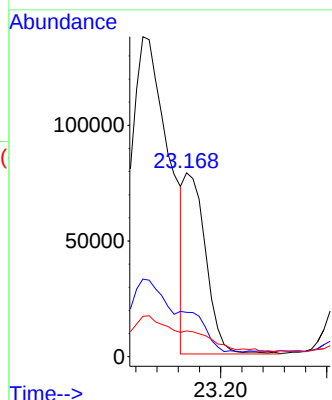
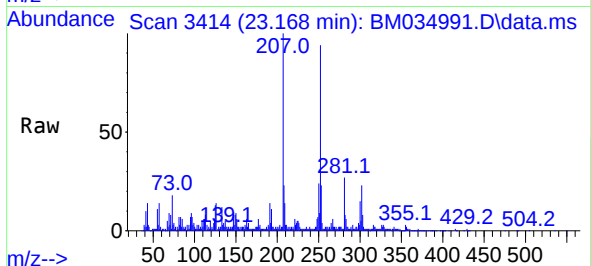
#91
Benzo(k)fluoranthene
Concen: 1.787 ng/ul m
RT: 23.168 min Scan# 3415
Delta R.T. -0.012 min
Lab File: BM034991.D
Acq: 11 May 2022 18:44

Instrument :
BNA_M
ClientSampleId :
EW491

Tgt Ion:252 Resp: 110448
Ion Ratio Lower Upper
252 100
253 24.1 17.4 26.2
125 14.0 7.8 11.6

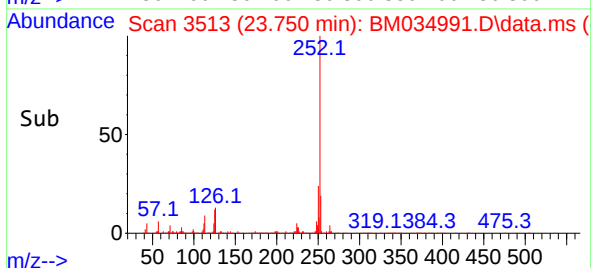
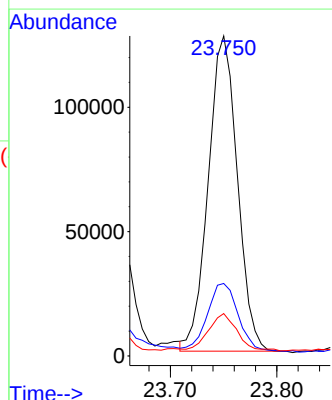
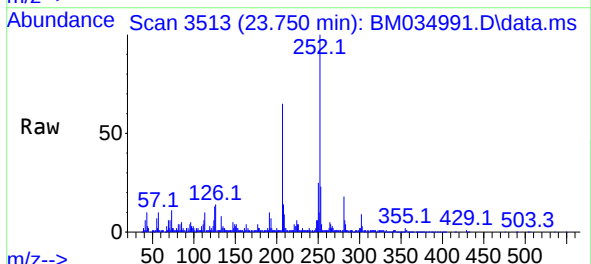
Manual Integrations
APPROVED

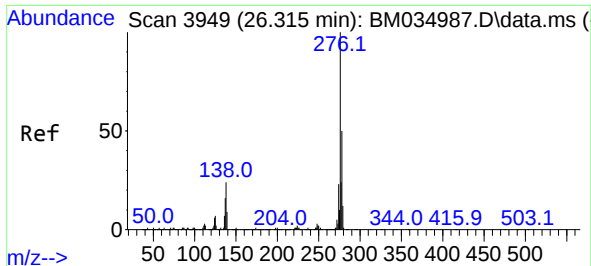
Reviewed By :Jagrut Upadhyay 05/12/2022
Supervised By :Yogesh Patel 05/17/2022



#93
Benzo(a)pyrene
Concen: 3.887 ng/ul
RT: 23.750 min Scan# 3513
Delta R.T. -0.000 min
Lab File: BM034991.D
Acq: 11 May 2022 18:44

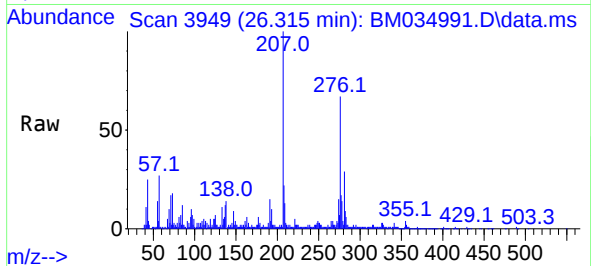
Tgt Ion:252 Resp: 240480
Ion Ratio Lower Upper
252 100
253 22.7 16.6 25.0
125 13.3 6.2 9.2





#94
Indeno(1,2,3-cd)pyrene
Concen: 2.474 ng/ul
RT: 26.315 min Scan# 3949
Delta R.T. -0.012 min
Lab File: BM034991.D
Acq: 11 May 2022 18:44

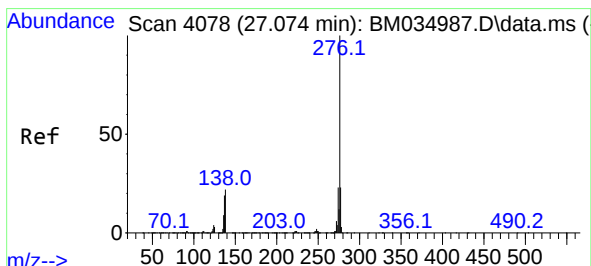
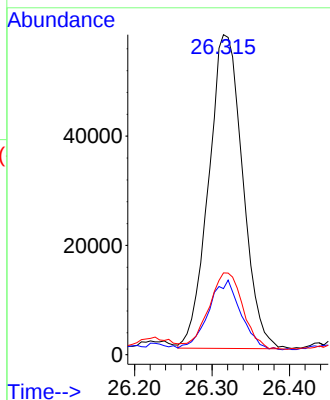
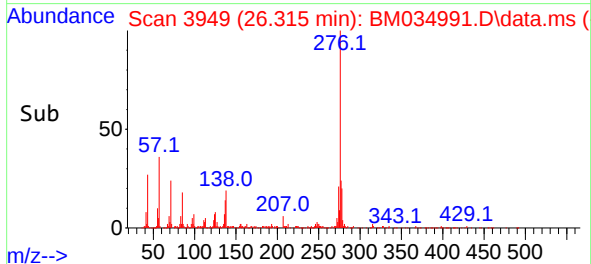
Instrument :
BNA_M
ClientSampleId :
EW491



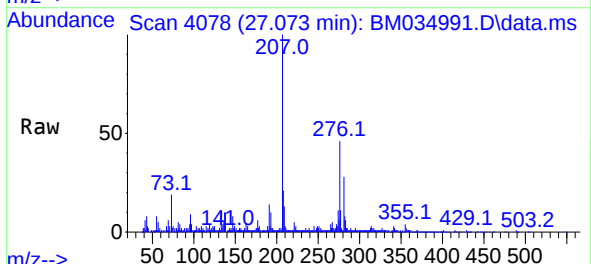
Tgt Ion:276 Resp: 175070
Ion Ratio Lower Upper
276 100
138 20.6 15.3 22.9
277 25.6 19.6 29.4

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 05/12/2022
Supervised By :Yogesh Patel 05/17/2022



#96
Benzo(g,h,i)perylene
Concen: 2.210 ng/ul
RT: 27.073 min Scan# 4078
Delta R.T. -0.006 min
Lab File: BM034991.D
Acq: 11 May 2022 18:44



Tgt Ion:276 Resp: 129888
Ion Ratio Lower Upper
276 100
138 21.3 13.0 19.6#
277 24.2 18.6 28.0

