

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051122\
 Data File : BM034995.D
 Acq On : 11 May 2022 21:09
 Operator : CG/JU
 Sample : N2603-15
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EW495

Manual Integrations
 APPROVED

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

Quant Time: May 12 03:30:30 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	212205	20.000	ng/u1	0.00
20) Naphthalene-d8	10.722	136	828157	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.551	164	445959	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.292	188	799905	20.000	ng/u1	0.00
79) Chrysene-d12	21.468	240	711519	20.000	ng/u1	0.00
88) Perylene-d12	23.856	264	792215	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.369	96	30129	5.940	ng/uL	0.00
4) Pyridine-d5	3.781	84	273057	19.531	ng/u1	0.00
7) Phenol-d5	7.087	99	558396	30.417	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.251	67	374602	32.510	ng/u1	0.00
11) 2-Chlorophenol-d4	7.451	132	502324	34.821	ng/u1	0.00
15) 4-Methylphenol-d8	8.628	113	430056	28.733	ng/u1	0.00
21) Nitrobenzene-d5	9.081	128	237679	37.445	ng/u1	0.00
24) 2-Nitrophenol-d4	9.804	143	262750	38.379	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.339	165	431771	33.699	ng/u1	0.00
31) 4-Chloroaniline-d4	10.857	131	470454	25.789	ng/u1	0.00
46) Dimethylphthalate-d6	13.963	166	1205764	35.851	ng/u1	0.00
49) Acenaphthylene-d8	14.245	160	1479290	34.663	ng/u1	0.00
54) 4-Nitrophenol-d4	14.739	143	157866	27.471	ng/u1	0.00
60) Fluorene-d10	15.545	176	1018724	35.903	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.657	200	127605	25.315	ng/u1	0.00
73) Anthracene-d10	17.392	188	1417105	36.413	ng/u1	0.00
81) Pyrene-d10	19.680	212	1541890	34.704	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.703	264	1616010	39.030	ng/u1	0.00
Target Compounds						
					Qvalue	
8) Phenol	7.110	94	18385	1.006	ng/u1#	91
52) Acenaphthene	14.615	153	137184	4.787	ng/u1	98
56) Dibenzofuran	14.951	168	79234	2.008	ng/u1	97
61) Fluorene	15.598	166	120768	3.741	ng/u1	99
72) Phenanthrene	17.333	178	1217417	27.058	ng/u1	99
74) Anthracene	17.427	178	348607	7.661	ng/u1	100
77) Carbazole	17.692	167	83378	2.084	ng/u1	96
80) Fluoranthene	19.350	202	1454736	27.237	ng/u1	99
82) Pyrene	19.709	202	1199162	21.986	ng/u1	99
85) Benzo(a)anthracene	21.450	228	586777	12.693	ng/u1	98
87) Chrysene	21.503	228	527670	11.721	ng/u1	97
90) Benzo(b)fluoranthene	23.127	252	651768	12.248	ng/u1	95
91) Benzo(k)fluoranthene	23.174	252	209402m	4.133	ng/u1	
93) Benzo(a)pyrene	23.750	252	508782	10.029	ng/u1#	94
94) Indeno(1,2,3-cd)pyrene	26.321	276	307011	5.290	ng/u1	95
95) Dibenzo(a,h)anthracene	26.332	278	81829	1.645	ng/u1#	80
96) Benzo(g,h,i)perylene	27.079	276	236818	4.913	ng/u1#	91

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

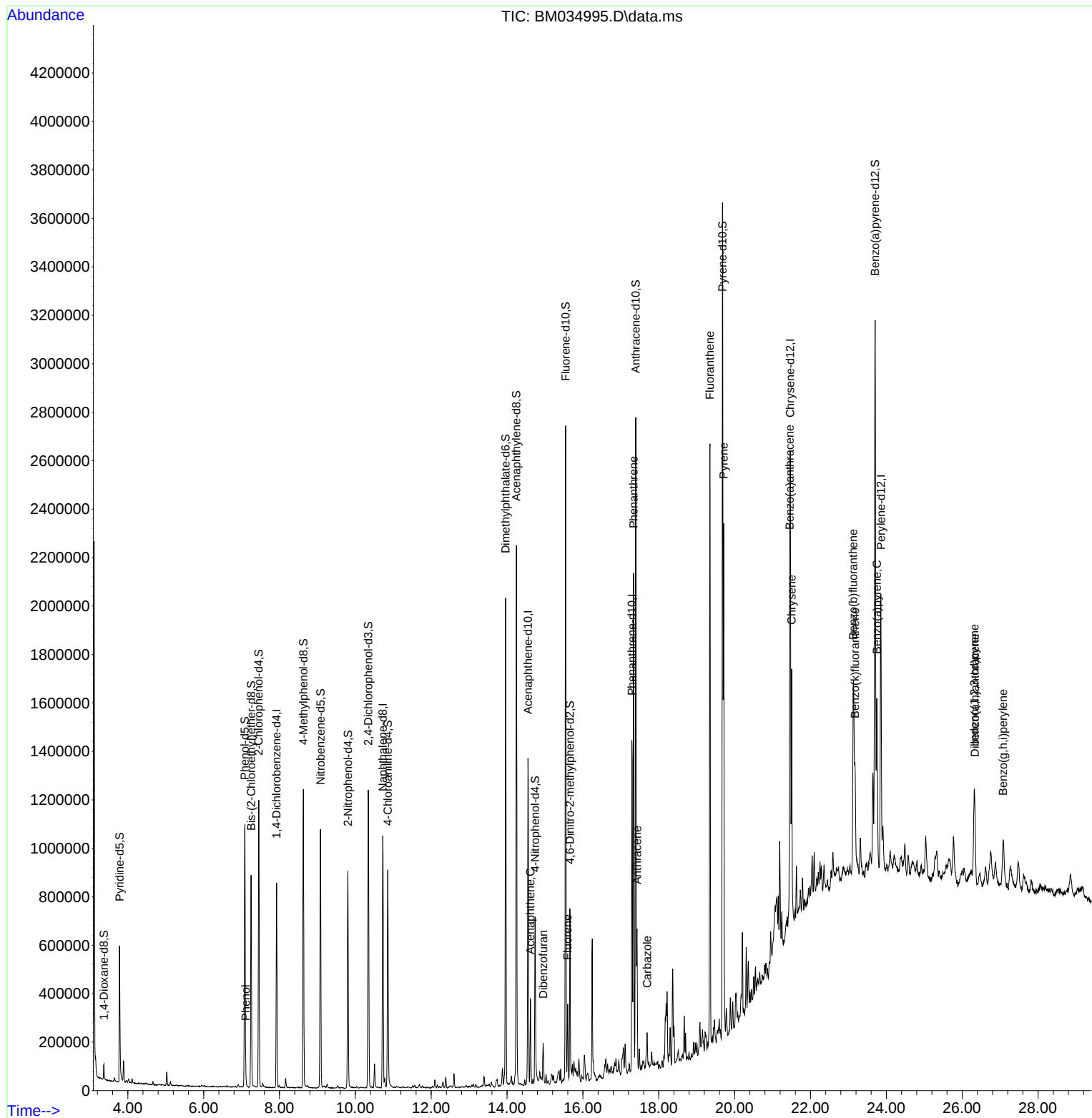
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051122\
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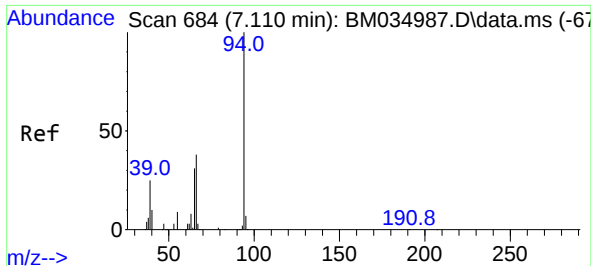
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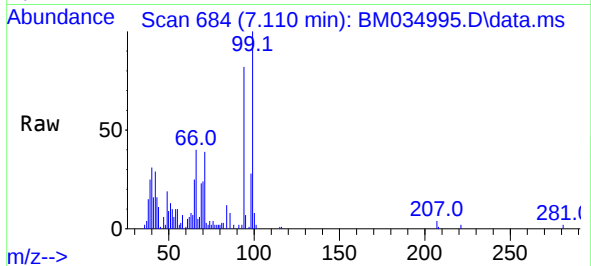
Quant Time: May 12 03:30:30 2022
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#8
Phenol
Concen: 1.006 ng/ul
RT: 7.110 min Scan# 684
Delta R.T. -0.000 min
Lab File: BM034995.D
Acq: 11 May 2022 21:09

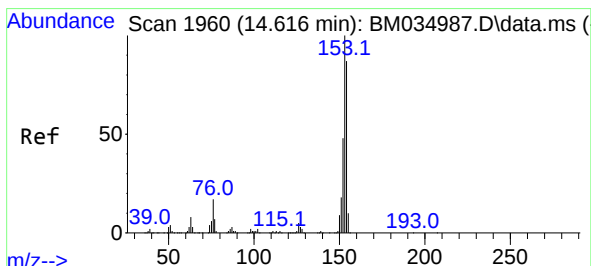
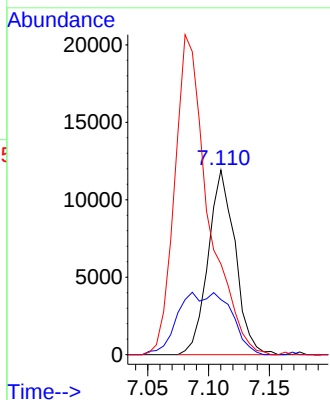
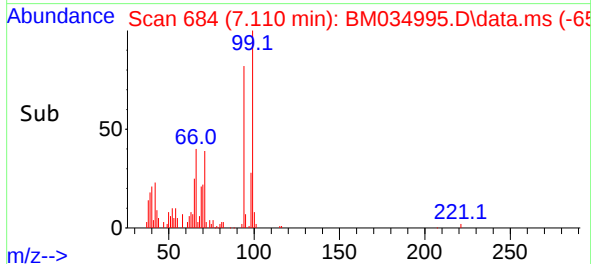
Instrument :
BNA_M
ClientSampleId :
EW495



Tgt Ion: 94 Resp: 18385
Ion Ratio Lower Upper
94 100
65 29.8 23.8 35.6
66 49.1 31.3 46.9

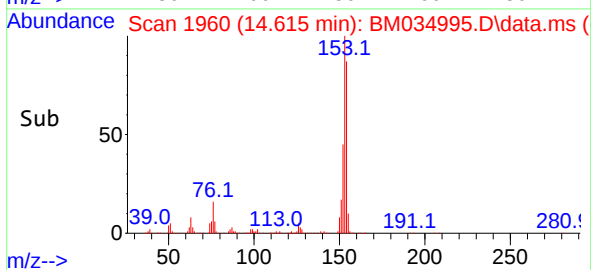
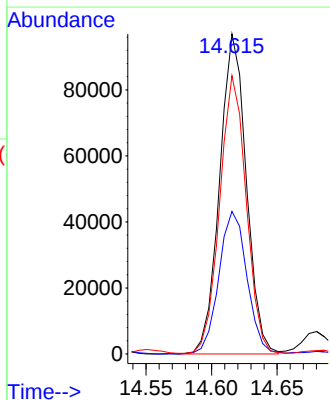
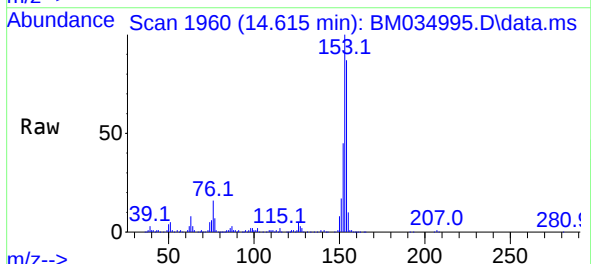
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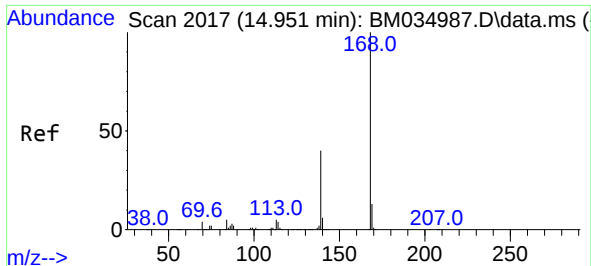
Reviewed By :Jagrut Upadhyay 05/12/2022
Supervised By :Yogesh Patel 05/17/2022



#52
Acenaphthene
Concen: 4.787 ng/ul
RT: 14.615 min Scan# 1960
Delta R.T. -0.000 min
Lab File: BM034995.D
Acq: 11 May 2022 21:09

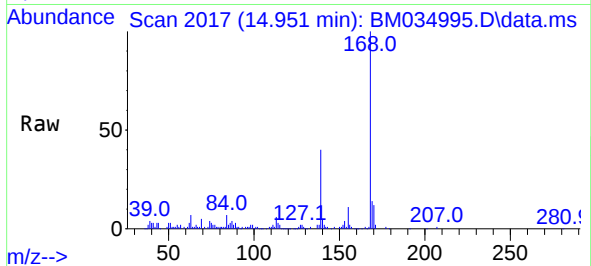
Tgt Ion:153 Resp: 137184
Ion Ratio Lower Upper
153 100
152 44.5 37.5 56.3
154 86.9 71.0 106.4





#56
Dibenzenofuran
Concen: 2.008 ng/ul
RT: 14.951 min Scan# 2017
Delta R.T. -0.000 min
Lab File: BM034995.D
Acq: 11 May 2022 21:09

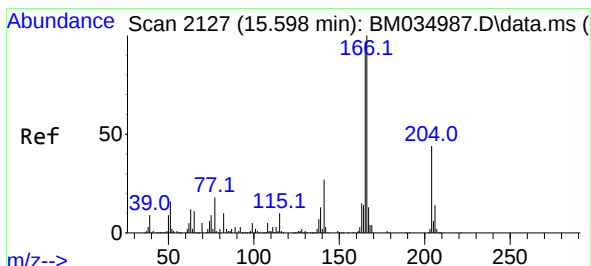
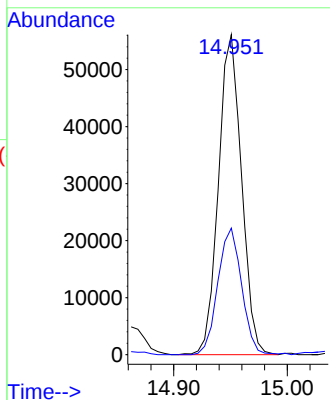
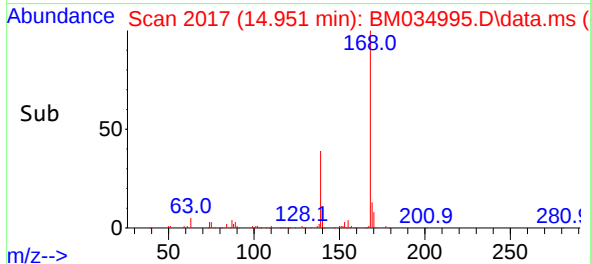
Instrument :
BNA_M
ClientSampleId :
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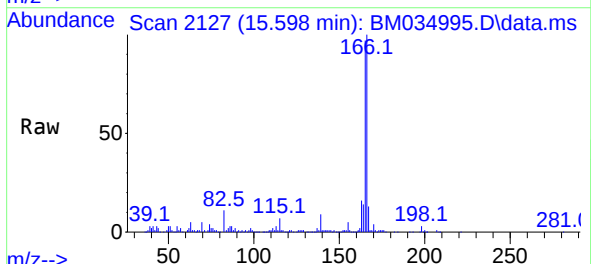
Tgt Ion:168 Resp: 79234
Ion Ratio Lower Upper
168 100
139 39.5 30.0 45.0

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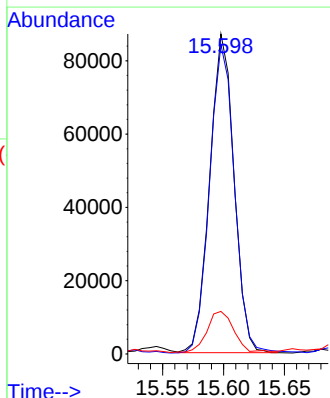
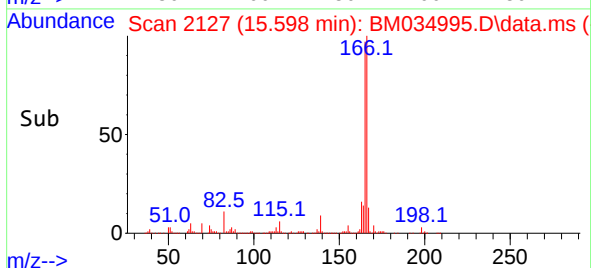
Reviewed By :Jagrut Upadhyay 05/12/2022
Supervised By :Yogesh Patel 05/17/2022

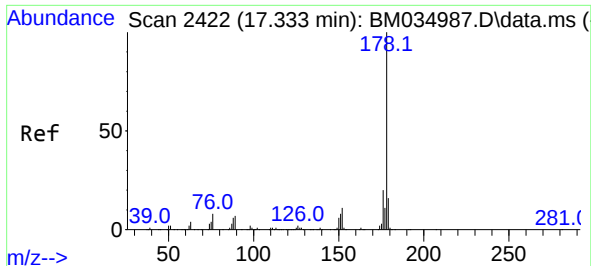


#61
Fluorene
Concen: 3.741 ng/ul
RT: 15.598 min Scan# 2127
Delta R.T. -0.000 min
Lab File: BM034995.D
Acq: 11 May 2022 21:09



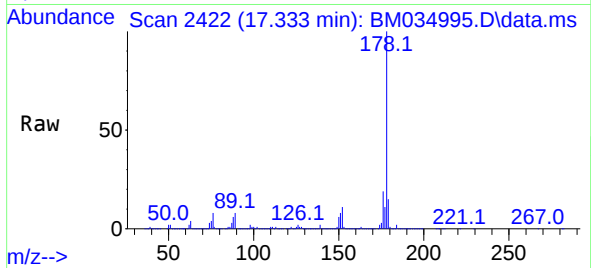
Tgt Ion:166 Resp: 120768
Ion Ratio Lower Upper
166 100
165 96.7 77.9 116.9
167 13.3 10.3 15.5





#72
Phenanthrene
Concen: 27.058 ng/u1
RT: 17.333 min Scan# 2422
Delta R.T. -0.006 min
Lab File: BM034995.D
Acq: 11 May 2022 21:09

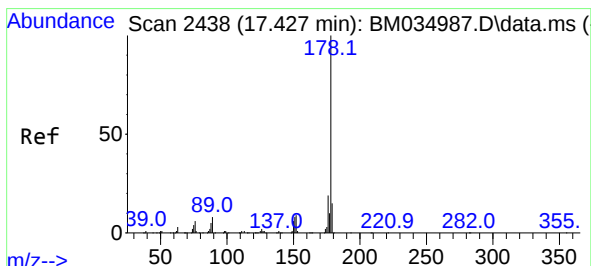
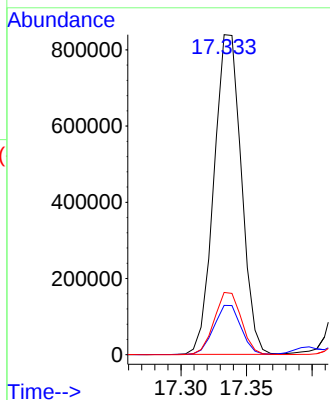
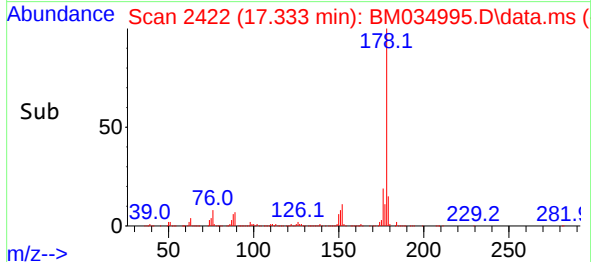
Instrument :
BNA_M
ClientSampleId :
EW495



Tgt Ion:178 Resp: 121741
Ion Ratio Lower Upper
178 100
179 15.4 12.2 18.4
176 19.5 15.0 22.6

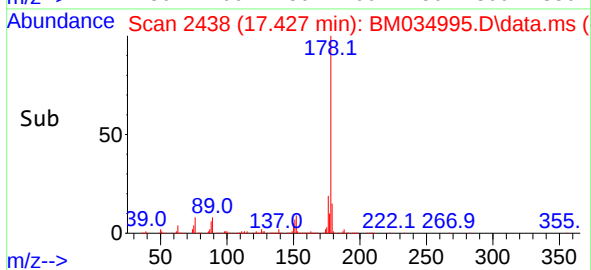
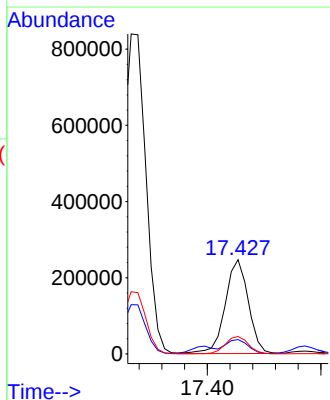
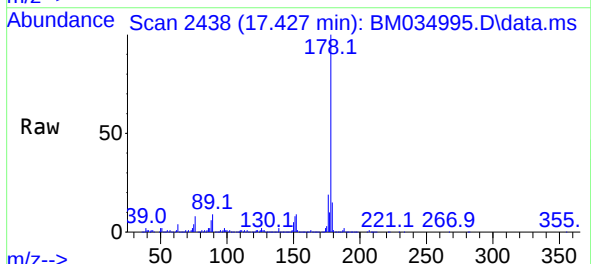
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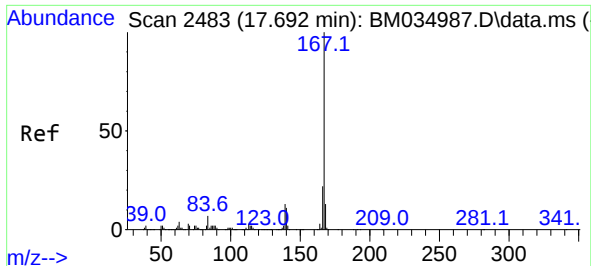
Reviewed By :Jagrut Upadhyay 05/12/2022
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#74
Anthracene
Concen: 7.661 ng/u1
RT: 17.427 min Scan# 2438
Delta R.T. -0.000 min
Lab File: BM034995.D
Acq: 11 May 2022 21:09

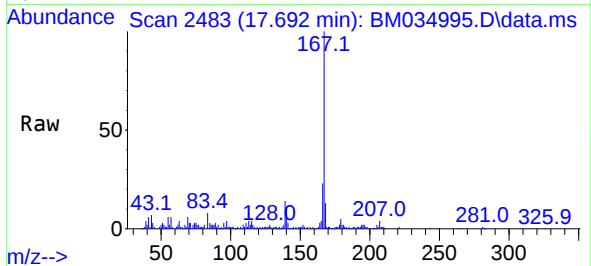
Tgt Ion:178 Resp: 348607
Ion Ratio Lower Upper
178 100
179 15.3 12.2 18.4
176 18.6 14.6 22.0





#77
 Carbazole
 Concen: 2.084 ng/u1
 RT: 17.692 min Scan# 2483
 Delta R.T. -0.000 min
 Lab File: BM034995.D
 Acq: 11 May 2022 21:09

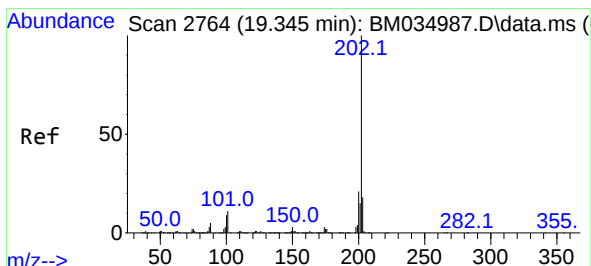
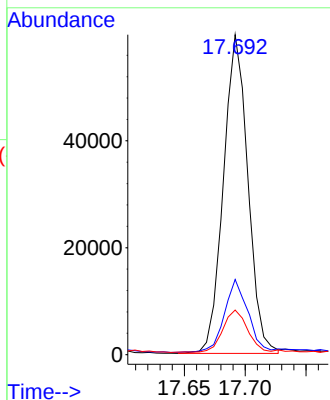
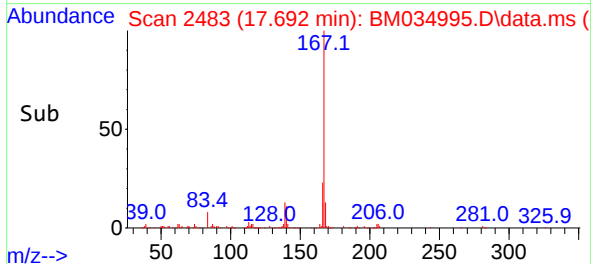
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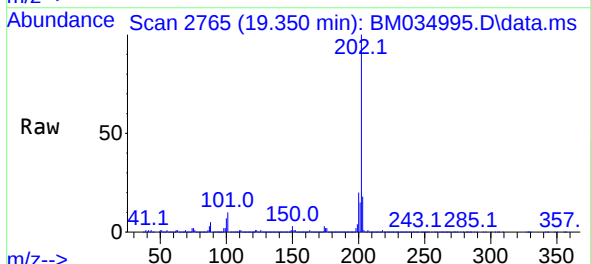
Tgt Ion:167 Resp: 83378
 Ion Ratio Lower Upper
 167 100
 166 23.5 17.1 25.7
 139 14.0 10.5 15.7

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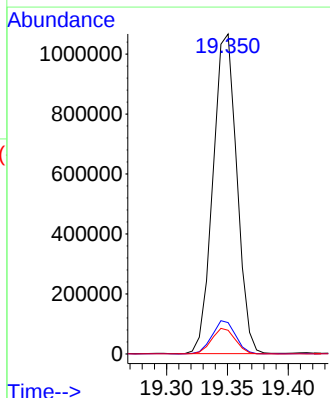
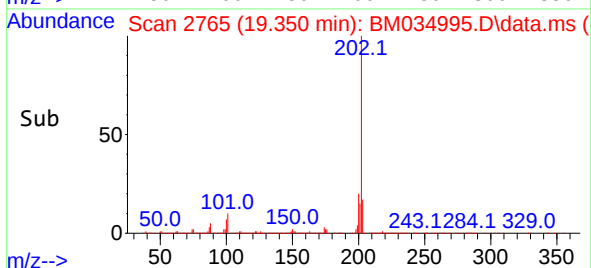
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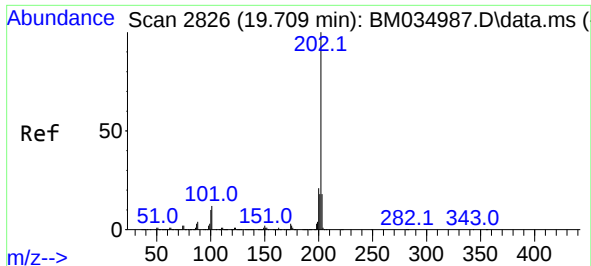


#80
 Fluoranthene
 Concen: 27.237 ng/u1
 RT: 19.350 min Scan# 2765
 Delta R.T. -0.000 min
 Lab File: BM034995.D
 Acq: 11 May 2022 21:09



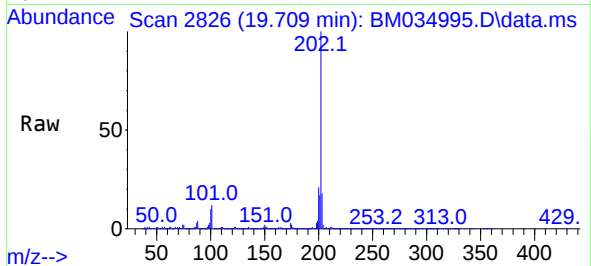
Tgt Ion:202 Resp: 1454736
 Ion Ratio Lower Upper
 202 100
 101 9.8 7.4 11.2
 100 7.4 5.8 8.6





#82
Pyrene
Concen: 21.986 ng/u1
RT: 19.709 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM034995.D
Acq: 11 May 2022 21:09

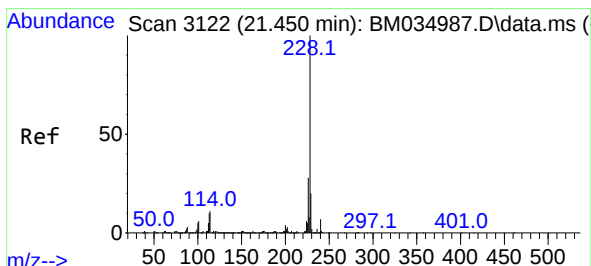
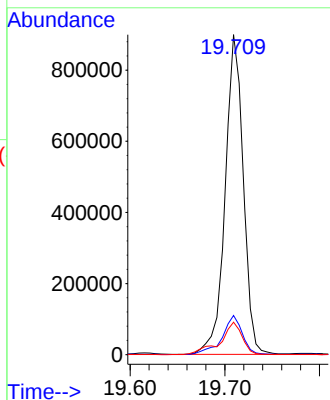
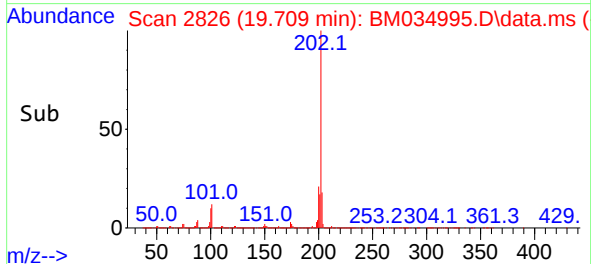
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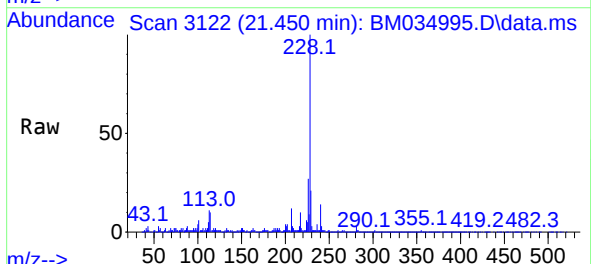
Tgt Ion:202 Resp: 119916
Ion Ratio Lower Upper
202 100
101 12.3 9.4 14.0
100 10.2 7.8 11.6

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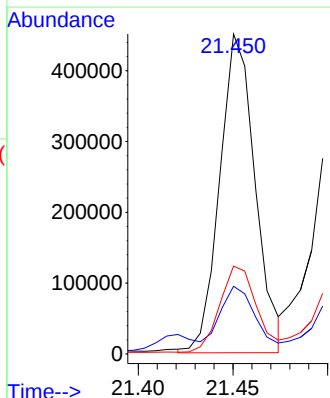
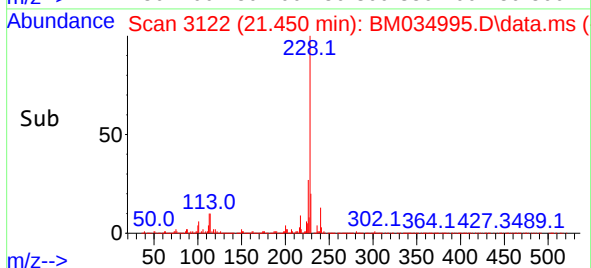
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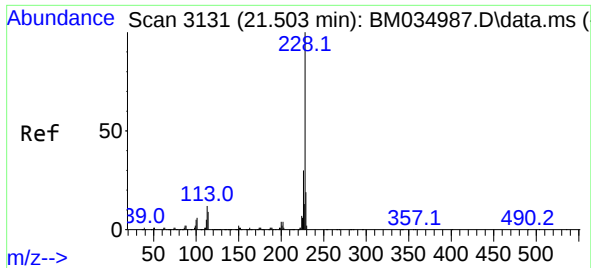


#85
Benzo(a)anthracene
Concen: 12.693 ng/u1
RT: 21.450 min Scan# 3122
Delta R.T. -0.006 min
Lab File: BM034995.D
Acq: 11 May 2022 21:09



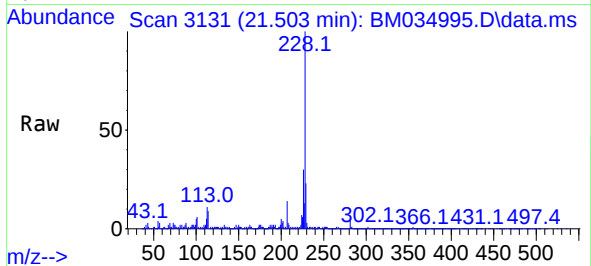
Tgt Ion:228 Resp: 586777
Ion Ratio Lower Upper
228 100
229 21.2 15.4 23.0
226 27.4 21.7 32.5





#87
Chrysene
Concen: 11.721 ng/u1
RT: 21.503 min Scan# 3131
Delta R.T. -0.006 min
Lab File: BM034995.D
Acq: 11 May 2022 21:09

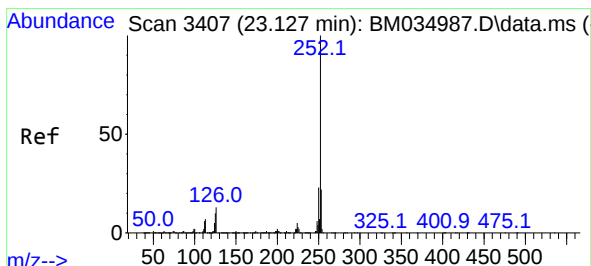
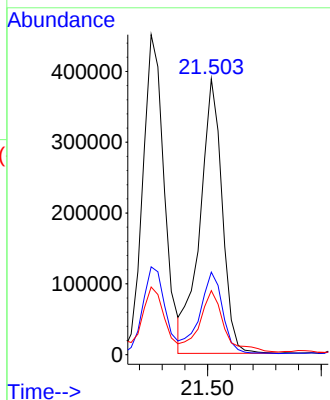
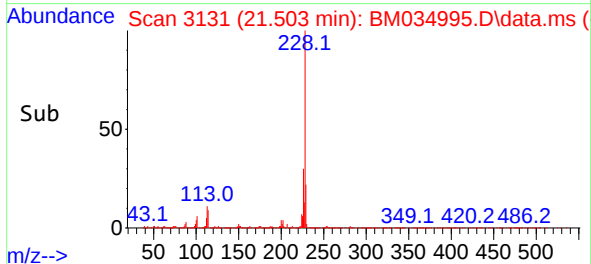
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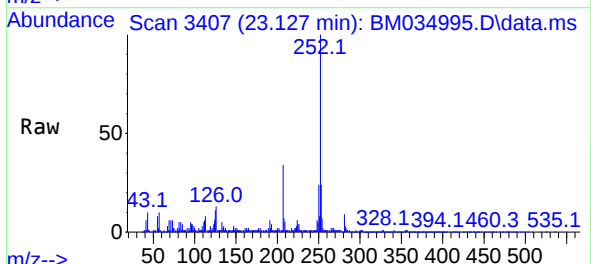
Tgt Ion:228 Resp: 527670
Ion Ratio Lower Upper
228 100
226 29.9 23.7 35.5
229 23.2 15.7 23.5

Manual Integrations
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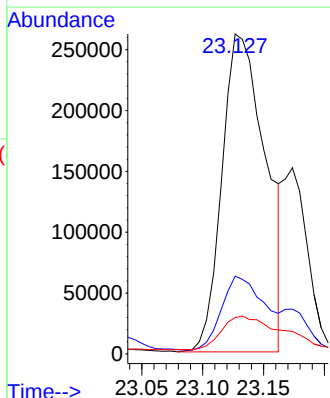
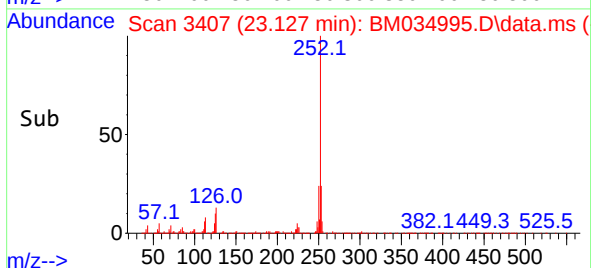
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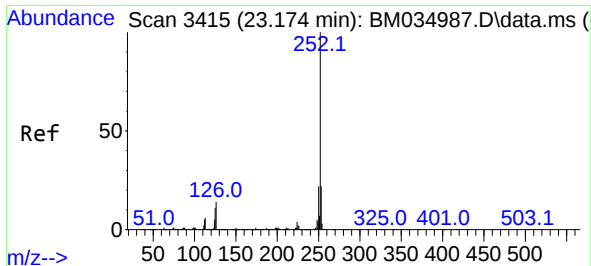


#90
Benzo(b)fluoranthene
Concen: 12.248 ng/u1
RT: 23.127 min Scan# 3407
Delta R.T. -0.006 min
Lab File: BM034995.D
Acq: 11 May 2022 21:09



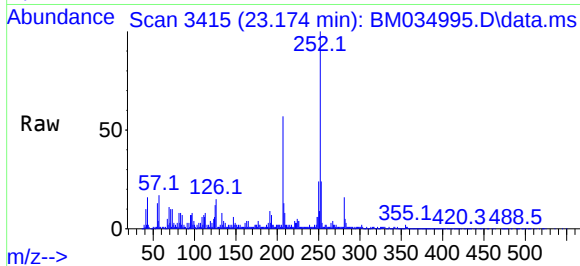
Tgt Ion:252 Resp: 651768
Ion Ratio Lower Upper
252 100
253 24.3 17.4 26.0
125 11.3 7.6 11.4





#91
Benzo(k)fluoranthene
Concen: 4.133 ng/ul m
RT: 23.174 min Scan# 3415
Delta R.T. -0.006 min
Lab File: BM034995.D
Acq: 11 May 2022 21:09

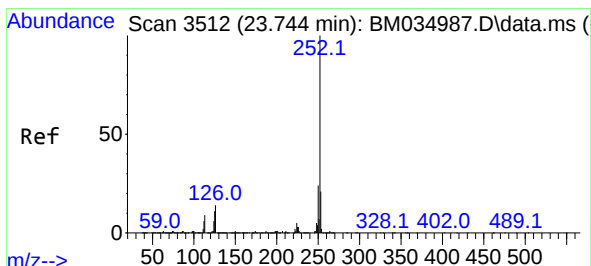
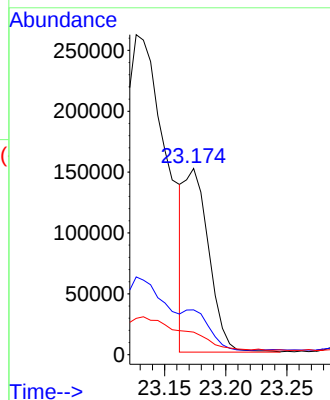
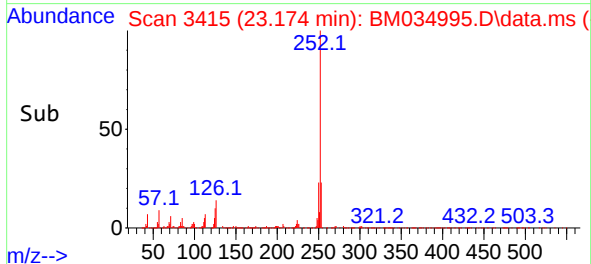
Instrument :
BNA_M
ClientSampleId :
EW495



Tgt Ion:252 Resp: 209402
Ion Ratio Lower Upper
252 100
253 24.0 17.4 26.2
125 12.1 7.8 11.6

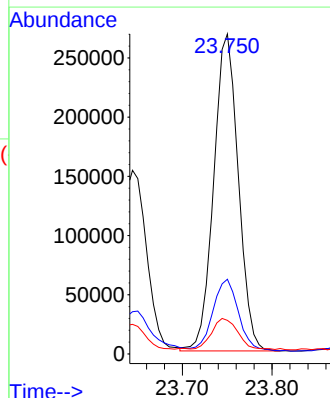
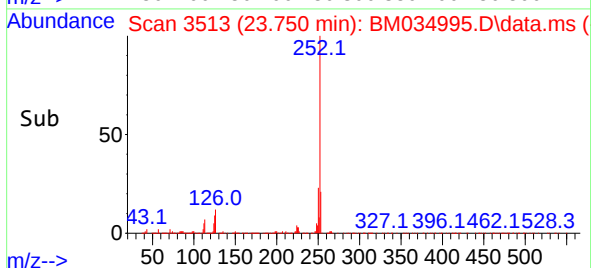
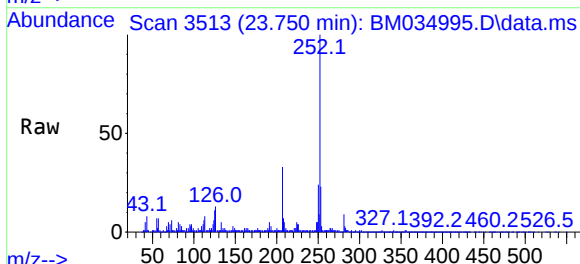
Manual Integrations
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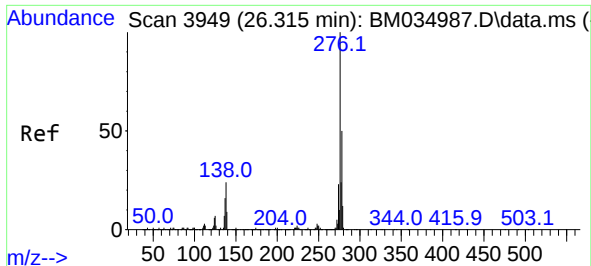
Reviewed By :Jagrut Upadhyay 05/12/2022
Supervised By :Yogesh Patel 05/17/2022



#93
Benzo(a)pyrene
Concen: 10.029 ng/ul
RT: 23.750 min Scan# 3513
Delta R.T. -0.000 min
Lab File: BM034995.D
Acq: 11 May 2022 21:09

Tgt Ion:252 Resp: 508782
Ion Ratio Lower Upper
252 100
253 23.4 16.6 25.0
125 10.5 6.2 9.2#





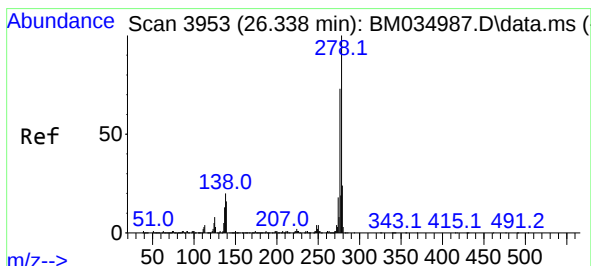
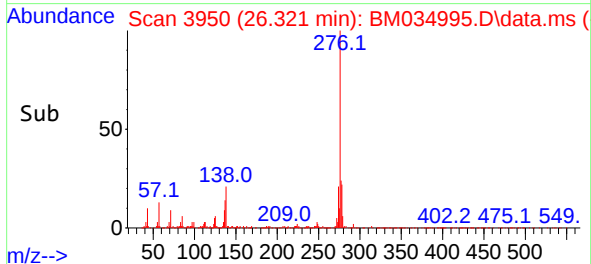
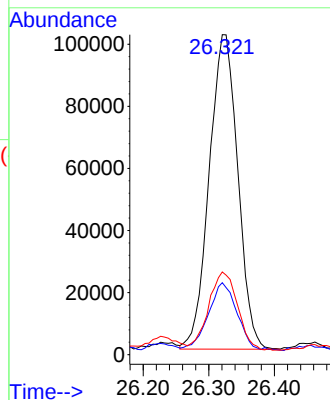
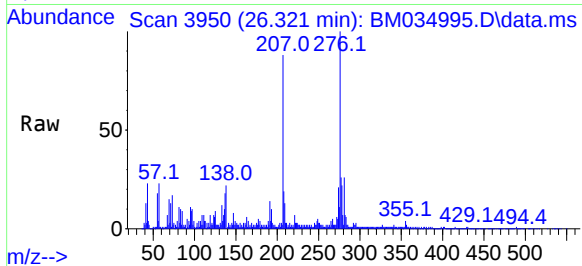
#94
Indeno(1,2,3-cd)pyrene
Concen: 5.290 ng/ul
RT: 26.321 min Scan# 3950
Delta R.T. -0.006 min
Lab File: BM034995.D
Acq: 11 May 2022 21:09

Instrument :
BNA_M
ClientSampleId :
EW495

Tgt Ion:276 Resp: 30701
Ion Ratio Lower Upper
276 100
138 22.5 15.3 22.9
277 25.9 19.6 29.4

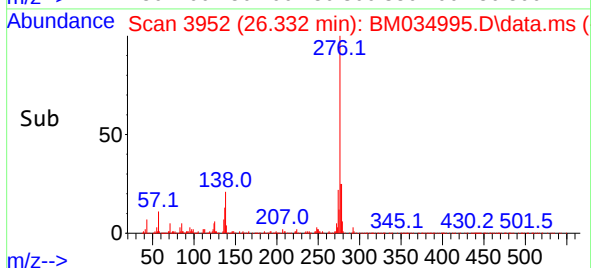
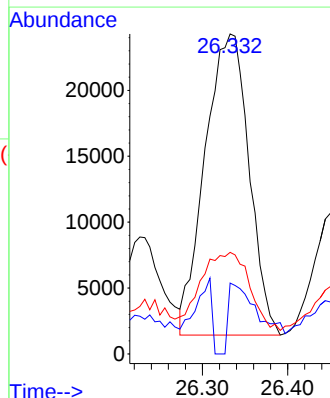
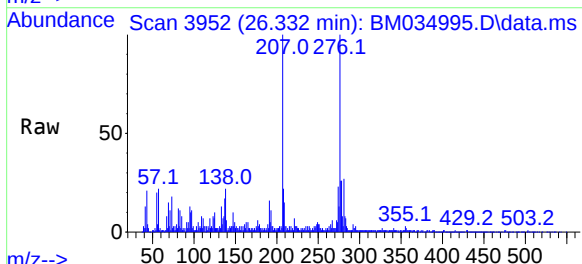
Manual Integrations
APPROVED

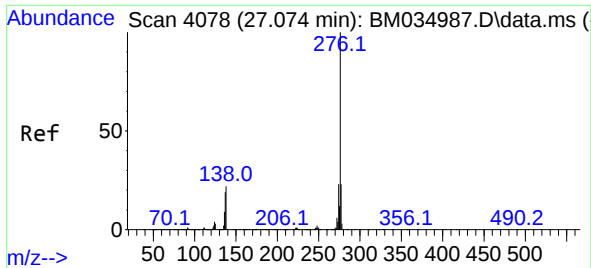
Reviewed By :Jagrut Upadhyay 05/12/2022
Supervised By :Yogesh Patel 05/17/2022



#95
Dibenzo(a,h)anthracene
Concen: 1.645 ng/ul
RT: 26.332 min Scan# 3952
Delta R.T. -0.006 min
Lab File: BM034995.D
Acq: 11 May 2022 21:09

Tgt Ion:278 Resp: 81829
Ion Ratio Lower Upper
278 100
139 22.2 9.7 14.5#
279 31.8 18.8 28.2#





#96
Benzo(g,h,i)perylene
Concen: 4.913 ng/ul
RT: 27.079 min Scan# 4079
Delta R.T. -0.000 min
Lab File: BM034995.D
Acq: 11 May 2022 21:09

Instrument :
BNA_M
ClientSampleId :
EW495

Tgt Ion:276 Resp: 236818
Ion Ratio Lower Upper
276 100
138 22.6 13.0 19.6
277 26.0 18.6 28.0

Manual Integrations
APPROVED

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

