

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051122\
 Data File : BM034989.D
 Acq On : 11 May 2022 17:31
 Operator : CG/JU
 Sample : N2603-19
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EW4A0

Manual Integrations
 APPROVED

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

Quant Time: May 12 03:29:04 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	197264	20.000	ng/u1	0.00
20) Naphthalene-d8	10.722	136	815987	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.551	164	460697	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.292	188	813102	20.000	ng/u1	0.00
79) Chrysene-d12	21.474	240	709853	20.000	ng/u1	0.00
88) Perylene-d12	23.856	264	765722	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.369	96	22671	4.808	ng/uL	0.00
4) Pyridine-d5	3.781	84	111132	8.551	ng/u1	0.00
7) Phenol-d5	7.081	99	443767	26.004	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.251	67	305010	28.475	ng/u1	0.00
11) 2-Chlorophenol-d4	7.451	132	383455	28.594	ng/u1	0.00
15) 4-Methylphenol-d8	8.622	113	351372	25.254	ng/u1	0.00
21) Nitrobenzene-d5	9.075	128	188703	30.173	ng/u1	0.00
24) 2-Nitrophenol-d4	9.804	143	199453	29.568	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.339	165	351211	27.821	ng/u1	0.00
31) 4-Chloroaniline-d4	10.851	131	361912	20.135	ng/u1	0.00
46) Dimethylphthalate-d6	13.963	166	1109471	31.932	ng/u1	0.00
49) Acenaphthylene-d8	14.245	160	1319355	29.927	ng/u1	0.00
54) 4-Nitrophenol-d4	14.739	143	128701m	21.679	ng/u1	0.00
60) Fluorene-d10	15.545	176	956813	32.642	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.657	200	116423	22.722	ng/u1	0.00
73) Anthracene-d10	17.392	188	1347246	34.056	ng/u1	0.00
81) Pyrene-d10	19.680	212	1480497	33.401	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.703	264	1485799	37.127	ng/u1	0.00
Target Compounds						Qvalue
30) Naphthalene	10.775	128	169237	3.948	ng/u1	99
36) 2-Methylnaphthalene	12.381	142	43200	1.457	ng/u1	98
37) 1-Methylnaphthalene	12.598	142	32773	1.093	ng/u1	99
52) Acenaphthene	14.616	153	201643	6.811	ng/u1	97
56) Dibenzofuran	14.951	168	173693	4.260	ng/u1	96
61) Fluorene	15.598	166	244601	7.334	ng/u1	98
72) Phenanthrene	17.339	178	3155855	69.003	ng/u1	99
74) Anthracene	17.427	178	882110	19.070	ng/u1	99
77) Carbazole	17.692	167	311959	7.671	ng/u1	100
78) Di-n-butylphthalate	18.268	149	65234	1.294	ng/u1	98
80) Fluoranthene	19.351	202	4204430	78.904	ng/u1	98
82) Pyrene	19.709	202	3328914	61.177	ng/u1	98
85) Benzo(a)anthracene	21.456	228	1808020	39.202	ng/u1	98
87) Chrysene	21.509	228	1486485	33.098	ng/u1	97
90) Benzo(b)fluoranthene	23.139	252	2225976	43.278	ng/u1	98
91) Benzo(k)fluoranthene	23.174	252	668085m	13.641	ng/u1	
93) Benzo(a)pyrene	23.756	252	1581974	32.263	ng/u1#	94
94) Indeno(1,2,3-cd)pyrene	26.327	276	1105470	19.708	ng/u1	98
95) Dibenzo(a,h)anthracene	26.327	278	276710	5.754	ng/u1#	86
96) Benzo(g,h,i)perylene	27.085	276	833125	17.881	ng/u1#	93

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

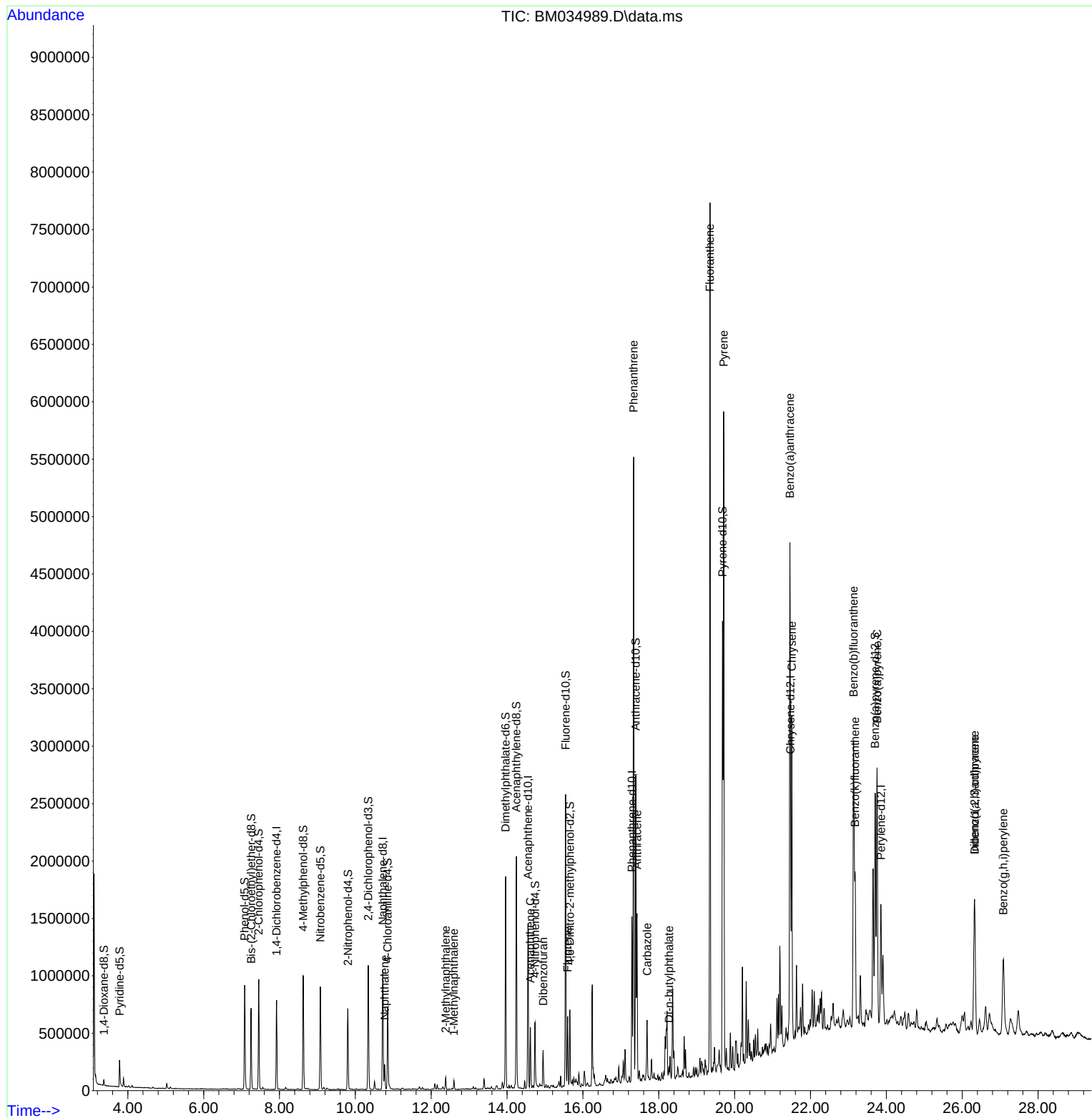
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051122\
Data File : BM034989.D
Acq On : 11 May 2022 17:31
Operator : CG/JU
Sample : N2603-19
Misc :
ALS Vial : 14 Sample Multiplier: 1

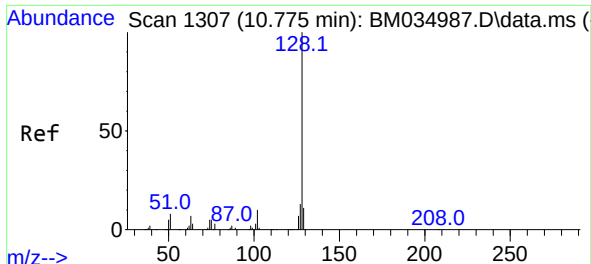
Instrument :
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Supervised By :Yogesh Patel 05/17/2022

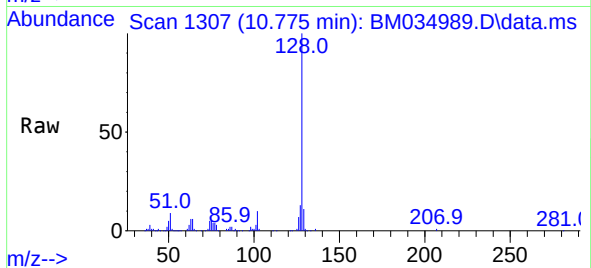
Quant Time: May 12 03:29:04 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM051022.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 10 16:40:09 2022
Response via : Initial Calibration





#30
Naphthalene
Concen: 3.948 ng/ul
RT: 10.775 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM034989.D
Acq: 11 May 2022 17:31

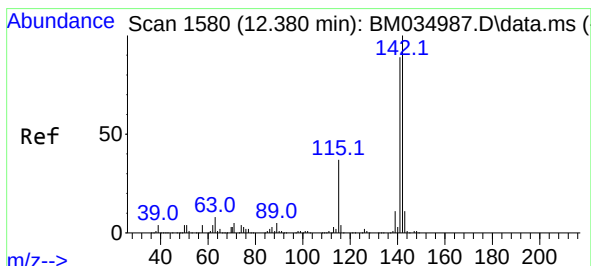
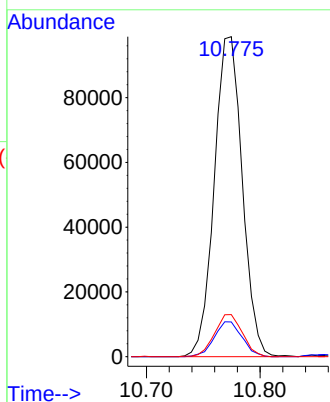
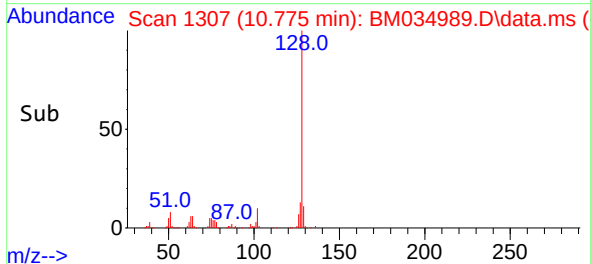
Instrument :
BNA_M
ClientSampleId :
EW4A0



Tgt Ion:128 Resp: 16923
Ion Ratio Lower Upper
128 100
129 10.8 9.1 13.7
127 13.1 10.6 16.0

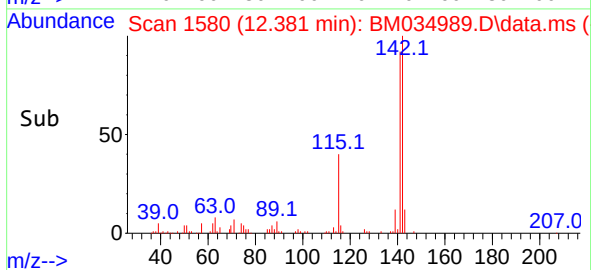
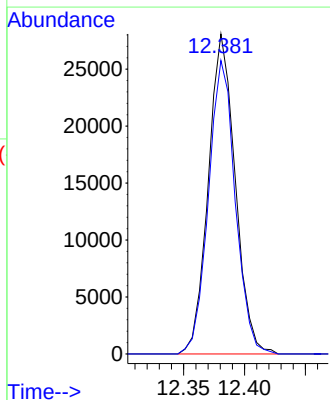
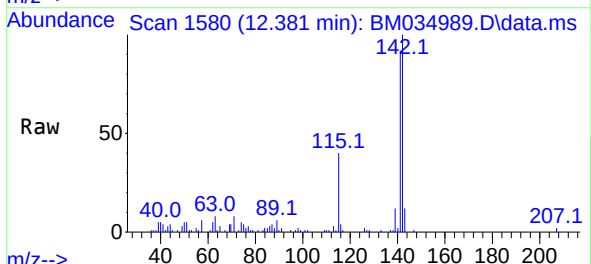
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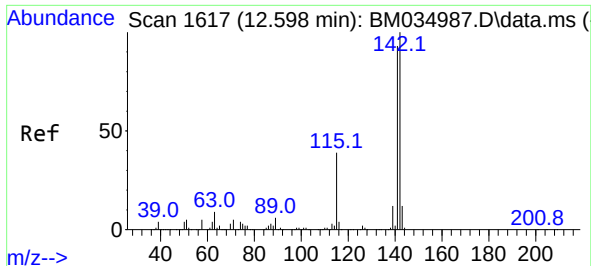
Reviewed By :Jagrut Upadhyay 05/12/2022
Supervised By :Yogesh Patel 05/17/2022



#36
2-Methylnaphthalene
Concen: 1.457 ng/ul
RT: 12.381 min Scan# 1580
Delta R.T. -0.006 min
Lab File: BM034989.D
Acq: 11 May 2022 17:31

Tgt Ion:142 Resp: 43200
Ion Ratio Lower Upper
142 100
141 91.7 72.2 108.2





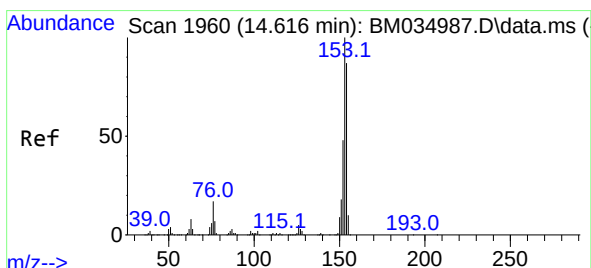
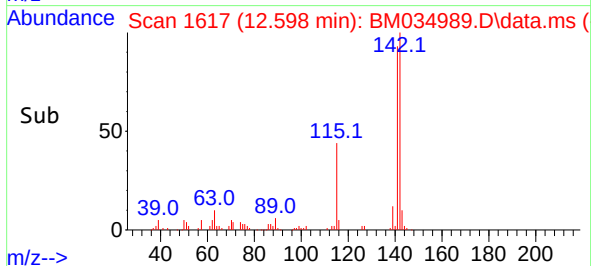
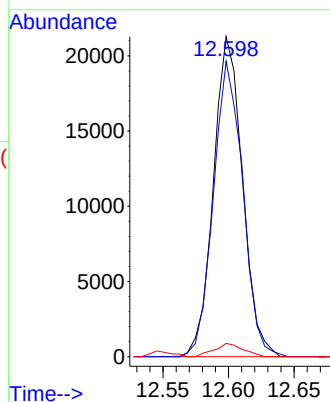
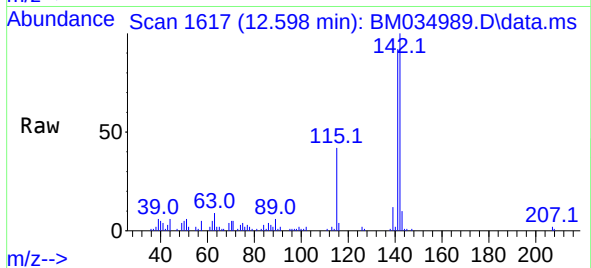
#37
1-Methylnaphthalene
Concen: 1.093 ng/ul
RT: 12.598 min Scan# 1617
Delta R.T. -0.006 min
Lab File: BM034989.D
Acq: 11 May 2022 17:31

Instrument :
BNA_M
ClientSampleId :
EW4A0

Tgt Ion:	142	Resp:	3277
Ion Ratio	Lower	Upper	
142	100		
141	92.3	73.0	109.4
116	4.2	3.2	4.8

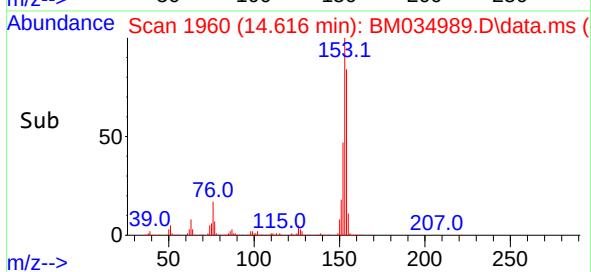
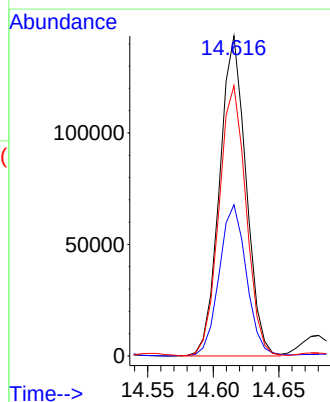
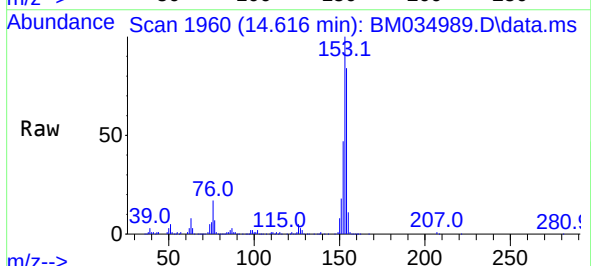
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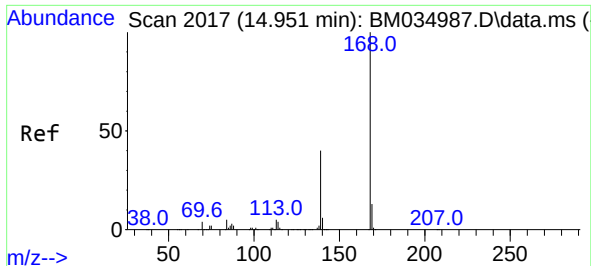
Reviewed By :Jagrut Upadhyay 05/12/2022
Supervised By :Yogesh Patel 05/17/2022



#52
Acenaphthene
Concen: 6.811 ng/ul
RT: 14.616 min Scan# 1960
Delta R.T. 0.000 min
Lab File: BM034989.D
Acq: 11 May 2022 17:31

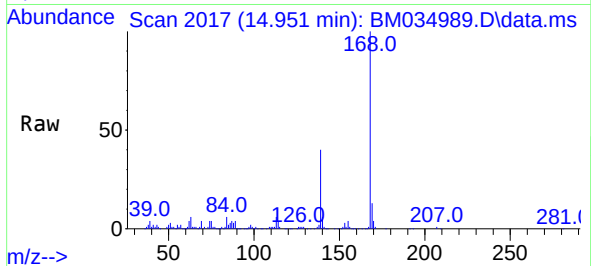
Tgt Ion:	153	Resp:	201643
Ion Ratio	Lower	Upper	
153	100		
152	47.3	37.5	56.3
154	84.5	71.0	106.4





#56
Dibenzenofuran
Concen: 4.260 ng/ul
RT: 14.951 min Scan# 2017
Delta R.T. 0.000 min
Lab File: BM034989.D
Acq: 11 May 2022 17:31

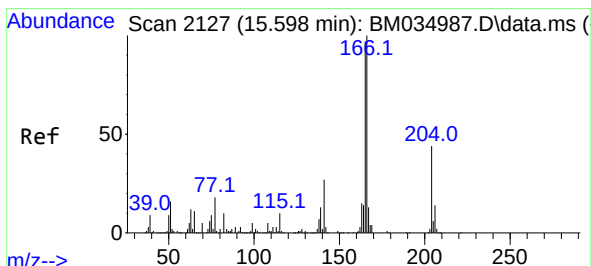
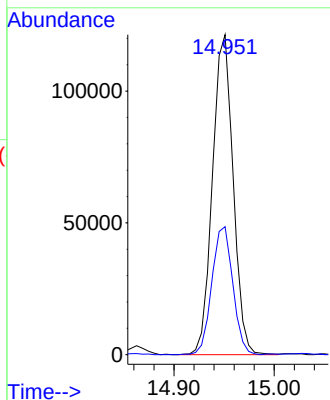
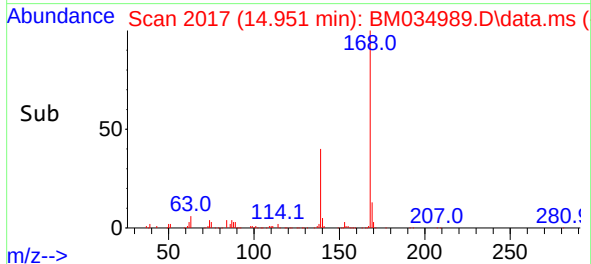
Instrument :
BNA_M
ClientSampleId :
EW4A0



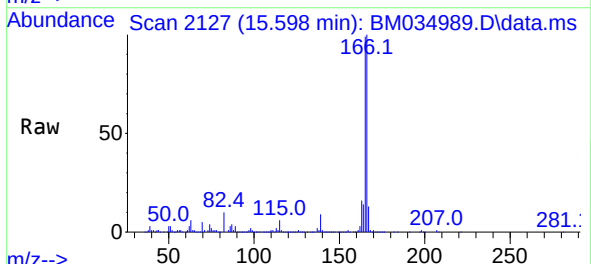
Tgt Ion:168 Resp: 17369
Ion Ratio Lower Upper
168 100
139 40.0 30.0 45.0

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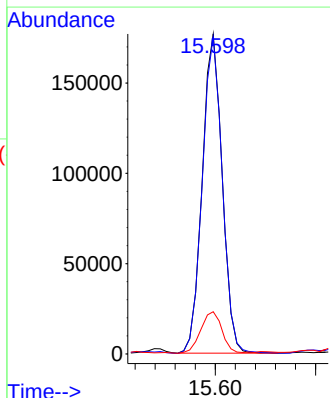
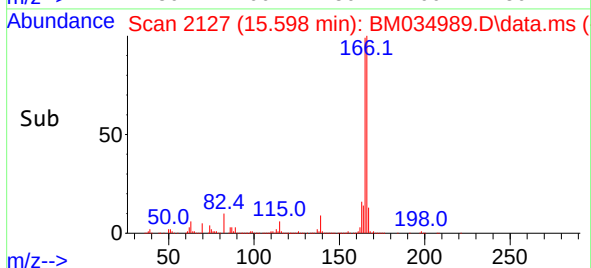
Reviewed By :Jagrut Upadhyay 05/12/2022
Supervised By :Yogesh Patel 05/17/2022

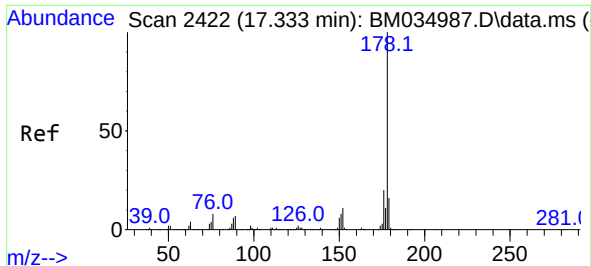


#61
Fluorene
Concen: 7.334 ng/ul
RT: 15.598 min Scan# 2127
Delta R.T. 0.000 min
Lab File: BM034989.D
Acq: 11 May 2022 17:31



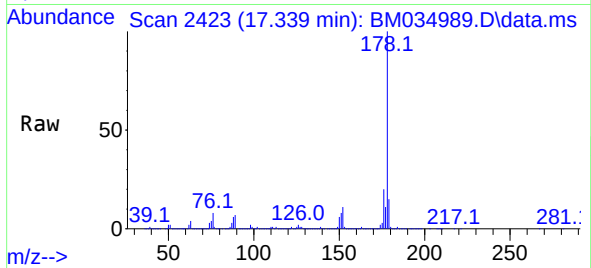
Tgt Ion:166 Resp: 244601
Ion Ratio Lower Upper
166 100
165 99.1 77.9 116.9
167 13.2 10.3 15.5





#72
Phenanthrene
Concen: 69.003 ng/u1
RT: 17.339 min Scan# 2422
Delta R.T. 0.000 min
Lab File: BM034989.D
Acq: 11 May 2022 17:31

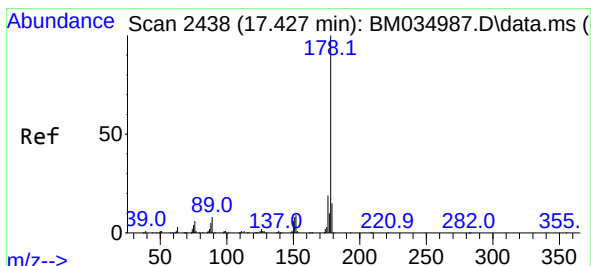
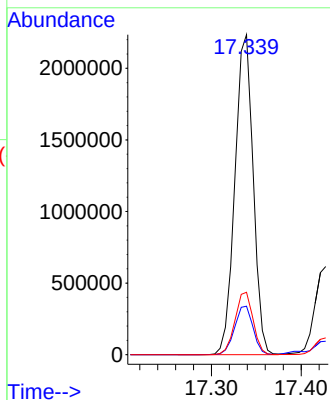
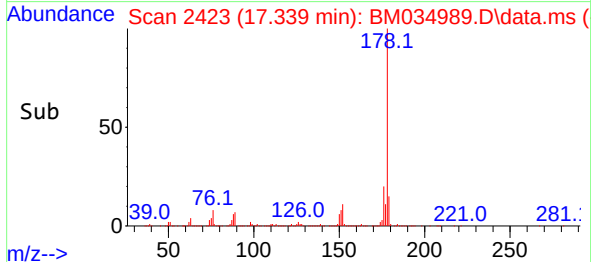
Instrument :
BNA_M
ClientSampleId :
EW4A0



Tgt Ion:178 Resp: 315585
Ion Ratio Lower Upper
178 100
179 15.2 12.2 18.4
176 19.5 15.0 22.6

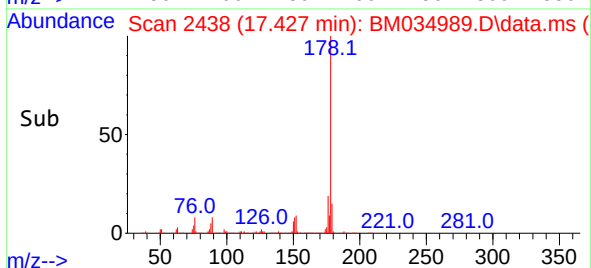
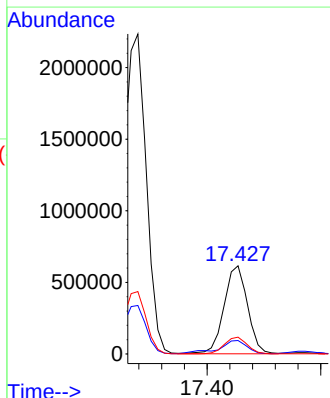
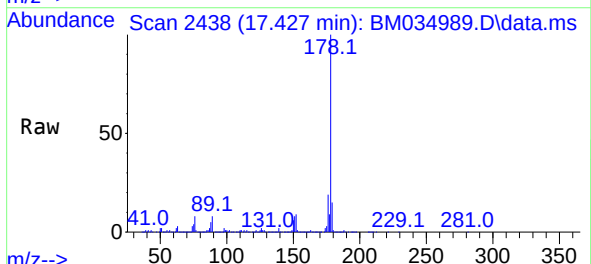
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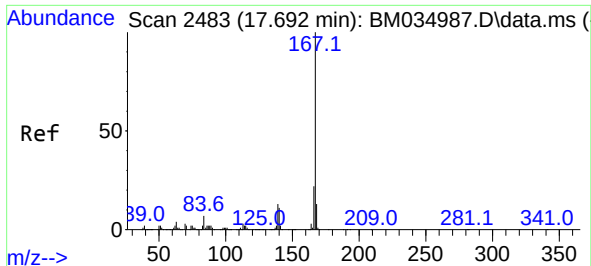
Reviewed By :Jagrut Upadhyay 05/12/2022
Supervised By :Yogesh Patel 05/17/2022



#74
Anthracene
Concen: 19.070 ng/u1
RT: 17.427 min Scan# 2438
Delta R.T. 0.000 min
Lab File: BM034989.D
Acq: 11 May 2022 17:31

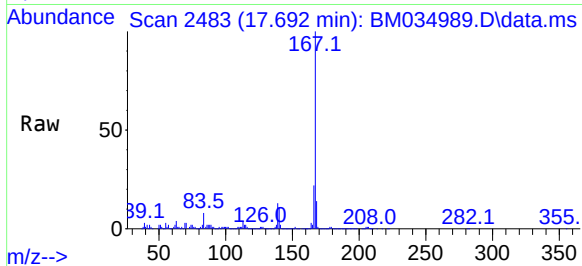
Tgt Ion:178 Resp: 882110
Ion Ratio Lower Upper
178 100
179 15.3 12.2 18.4
176 19.0 14.6 22.0





#77
 Carbazole
 Concen: 7.671 ng/ul
 RT: 17.692 min Scan# 2483
 Delta R.T. 0.000 min
 Lab File: BM034989.D
 Acq: 11 May 2022 17:31

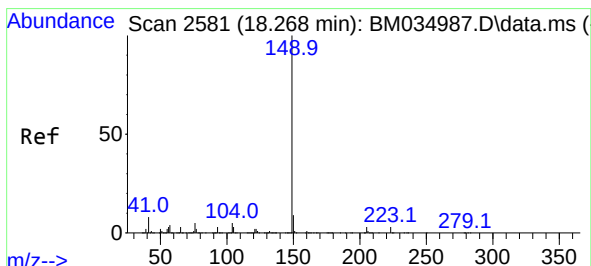
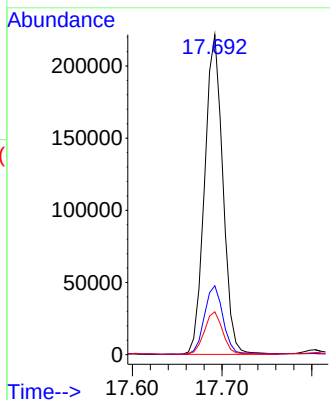
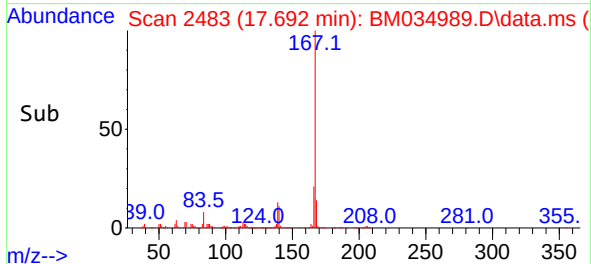
Instrument :
 BNA_M
 ClientSampleId :
 EW4A0



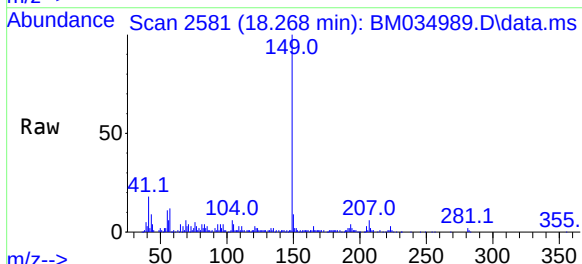
Tgt Ion:167 Resp: 311958
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.1 25.7
 139 13.4 10.5 15.7

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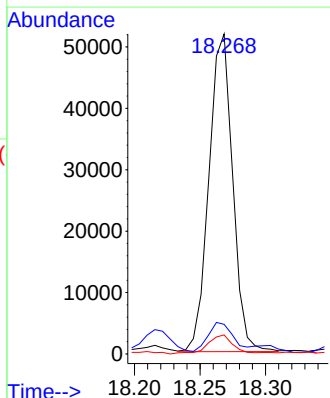
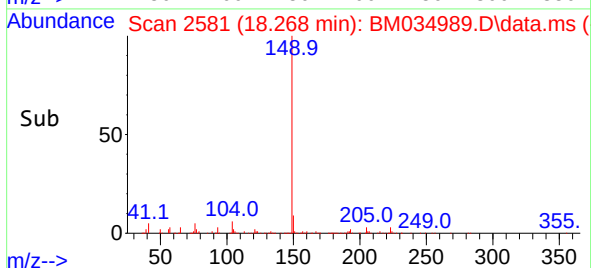
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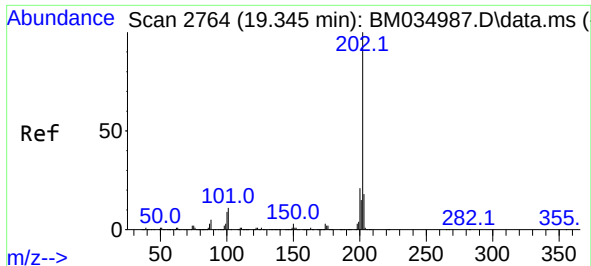


#78
 Di-n-butylphthalate
 Concen: 1.294 ng/ul
 RT: 18.268 min Scan# 2581
 Delta R.T. 0.000 min
 Lab File: BM034989.D
 Acq: 11 May 2022 17:31



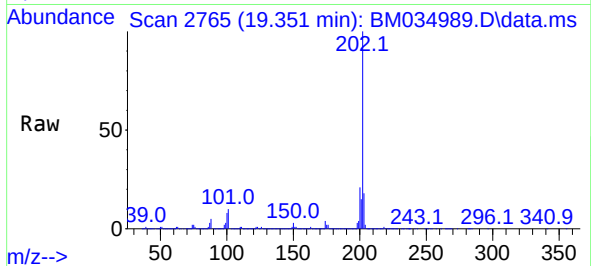
Tgt Ion:149 Resp: 65234
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.1 10.7
 104 6.0 4.1 6.1





#80
Fluoranthene
Concen: 78.904 ng/u1
RT: 19.351 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM034989.D
Acq: 11 May 2022 17:31

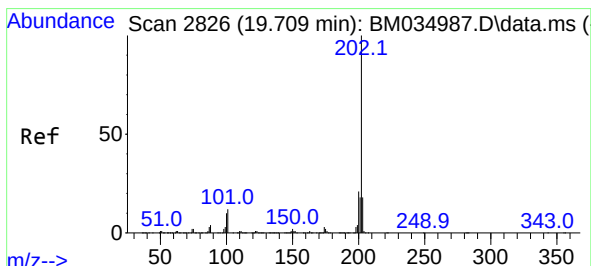
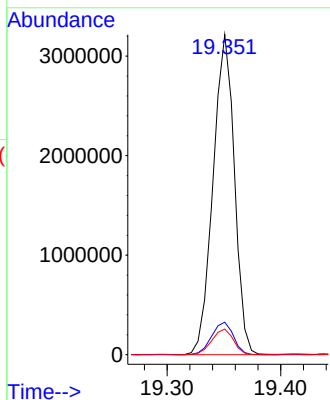
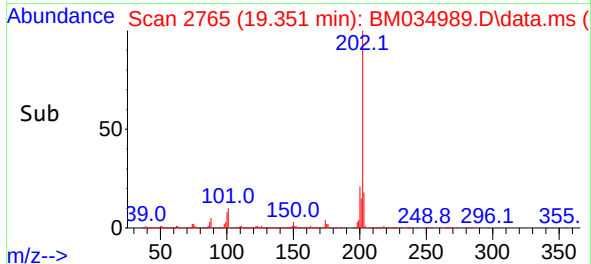
Instrument :
BNA_M
ClientSampleId :
EW4A0



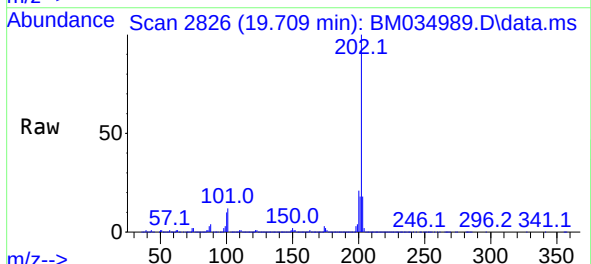
Tgt Ion:202 Resp: 4204430
Ion Ratio Lower Upper
202 100
101 10.1 7.4 11.2
100 8.0 5.8 8.6

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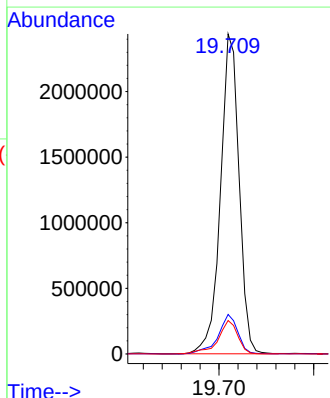
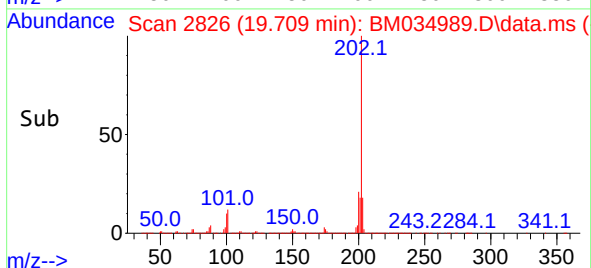
Reviewed By :Jagrut Upadhyay 05/12/2022
Supervised By :Yogesh Patel 05/17/2022

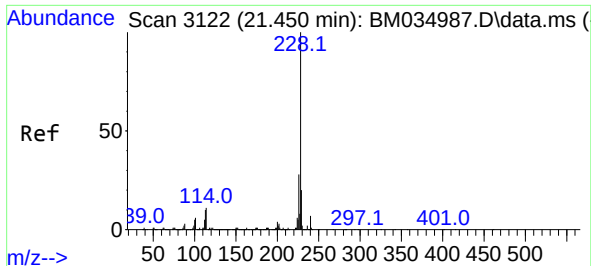


#82
Pyrene
Concen: 61.177 ng/u1
RT: 19.709 min Scan# 2826
Delta R.T. 0.000 min
Lab File: BM034989.D
Acq: 11 May 2022 17:31



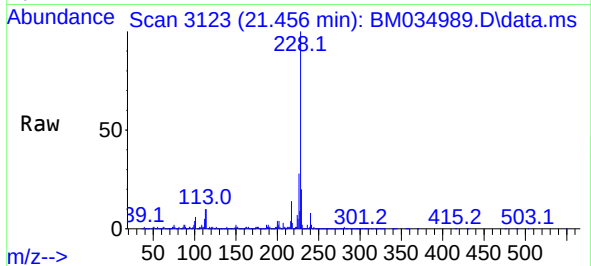
Tgt Ion:202 Resp: 3328914
Ion Ratio Lower Upper
202 100
101 12.4 9.4 14.0
100 10.5 7.8 11.6





#85
Benzo(a)anthracene
Concen: 39.202 ng/u1
RT: 21.456 min Scan# 3122
Delta R.T. 0.000 min
Lab File: BM034989.D
Acq: 11 May 2022 17:31

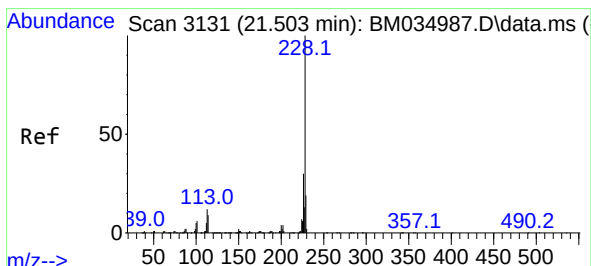
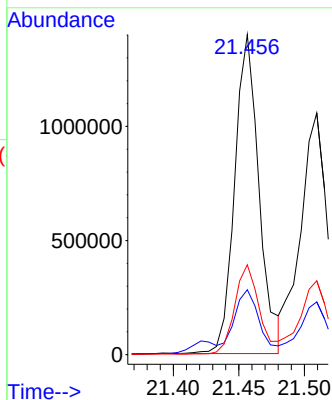
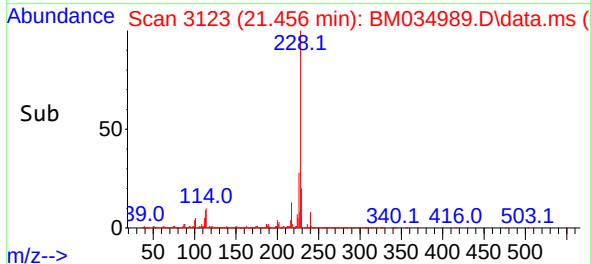
Instrument :
BNA_M
ClientSampleId :
EW4A0



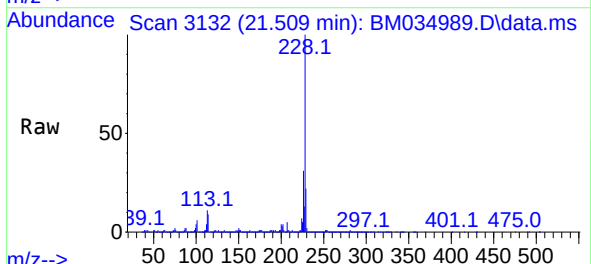
Tgt Ion:228 Resp: 1808020
Ion Ratio Lower Upper
228 100
229 20.3 15.4 23.0
226 28.1 21.7 32.5

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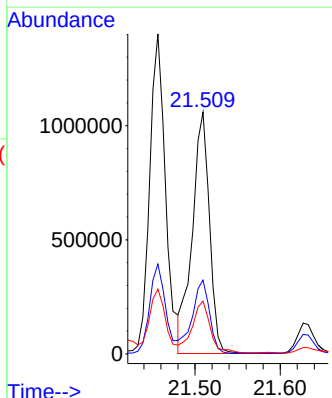
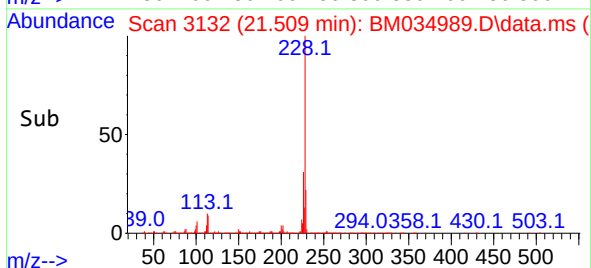
Reviewed By :Jagrut Upadhyay 05/12/2022
Supervised By :Yogesh Patel 05/17/2022

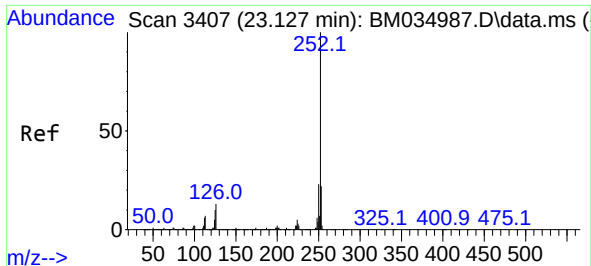


#87
Chrysene
Concen: 33.098 ng/u1
RT: 21.509 min Scan# 3132
Delta R.T. 0.000 min
Lab File: BM034989.D
Acq: 11 May 2022 17:31



Tgt Ion:228 Resp: 1486485
Ion Ratio Lower Upper
228 100
226 30.6 23.7 35.5
229 21.9 15.7 23.5





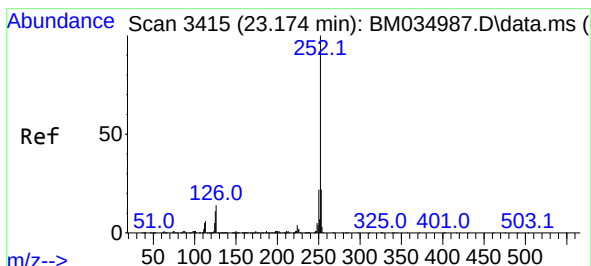
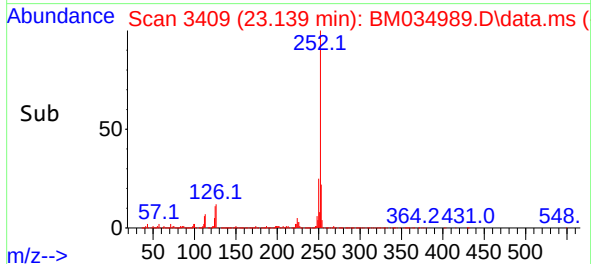
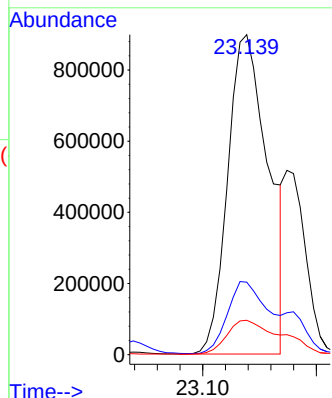
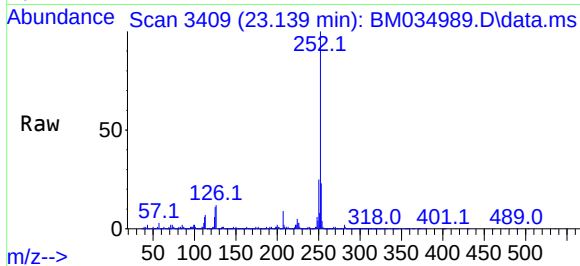
#90
Benzo(b)fluoranthene
Concen: 43.278 ng/ul
RT: 23.139 min Scan# 3407
Delta R.T. 0.006 min
Lab File: BM034989.D
Acq: 11 May 2022 17:31

Instrument :
BNA_M
ClientSampleId :
EW4A0

Tgt Ion:252 Resp: 2225970
Ion Ratio Lower Upper
252 100
253 22.6 17.4 26.0
125 10.8 7.6 11.4

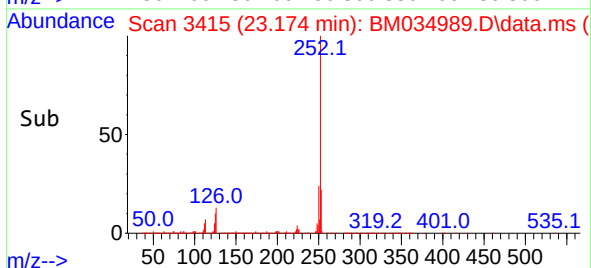
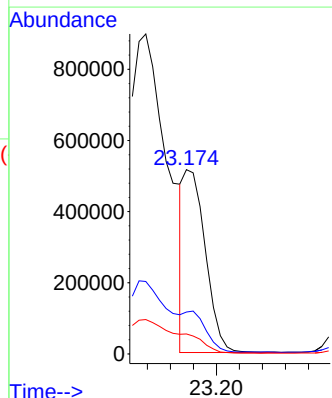
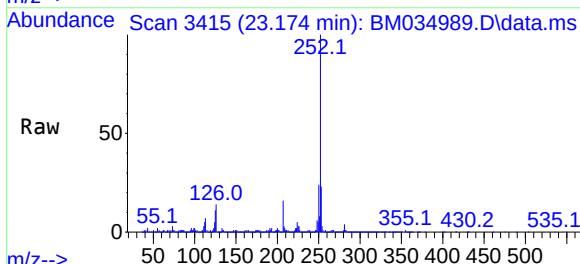
Manual Integrations
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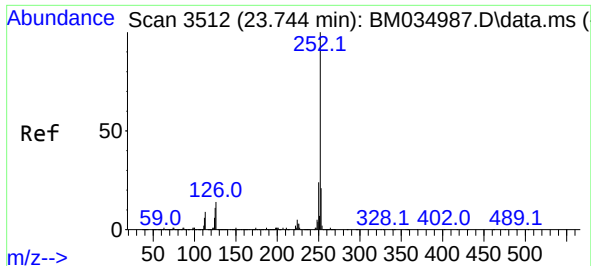
Reviewed By :Jagrut Upadhyay 05/12/2022
Supervised By :Yogesh Patel 05/17/2022



#91
Benzo(k)fluoranthene
Concen: 13.641 ng/ul m
RT: 23.174 min Scan# 3415
Delta R.T. -0.006 min
Lab File: BM034989.D
Acq: 11 May 2022 17:31

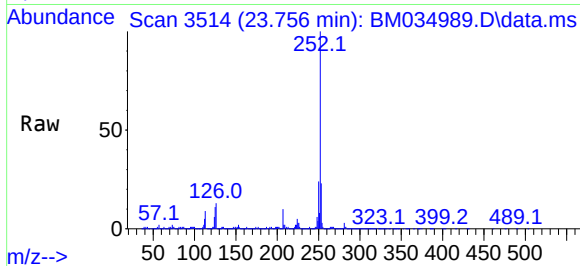
Tgt Ion:252 Resp: 668085
Ion Ratio Lower Upper
252 100
253 22.8 17.4 26.2
125 10.8 7.8 11.6





#93
Benzo(a)pyrene
Concen: 32.263 ng/u1
RT: 23.756 min Scan# 30
Delta R.T. 0.006 min
Lab File: BM034989.D
Acq: 11 May 2022 17:31

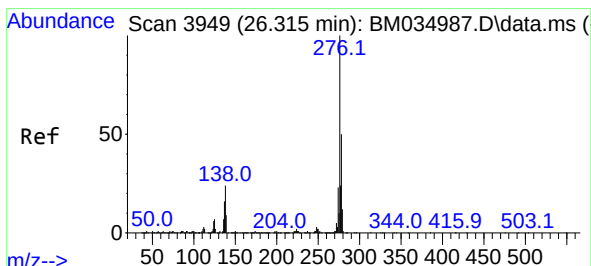
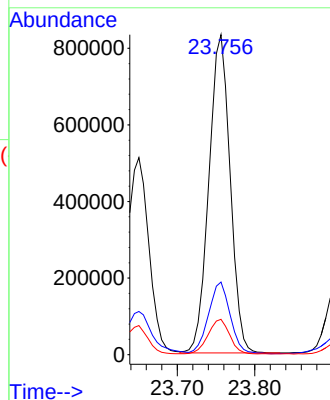
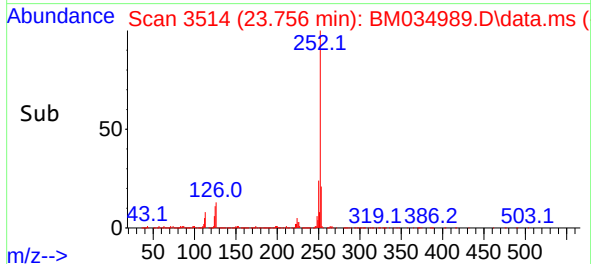
Instrument :
BNA_M
ClientSampleId :
EW4A0



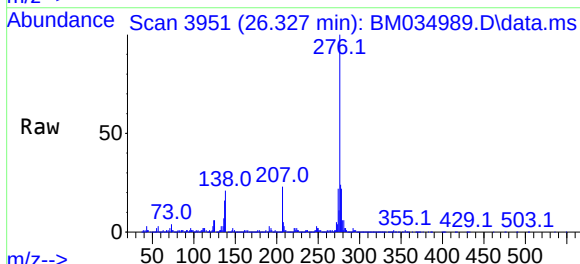
Tgt Ion:252 Resp: 1581974
Ion Ratio Lower Upper
252 100
253 22.7 16.6 25.0
125 11.1 6.2 9.2

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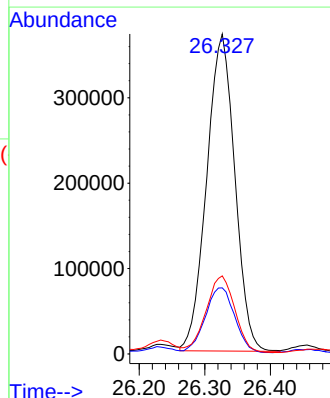
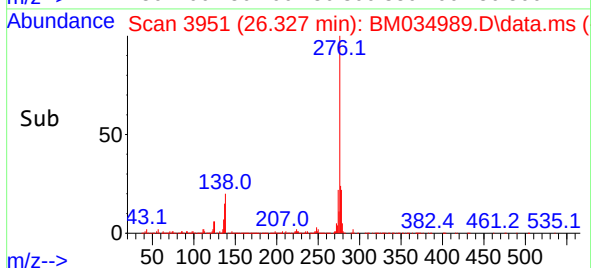
Reviewed By :Jagrut Upadhyay 05/12/2022
Supervised By :Yogesh Patel 05/17/2022

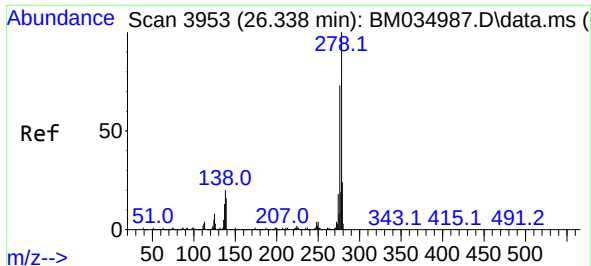


#94
Indeno(1,2,3-cd)pyrene
Concen: 19.708 ng/u1
RT: 26.327 min Scan# 3951
Delta R.T. 0.000 min
Lab File: BM034989.D
Acq: 11 May 2022 17:31



Tgt Ion:276 Resp: 1105470
Ion Ratio Lower Upper
276 100
138 20.6 15.3 22.9
277 24.4 19.6 29.4





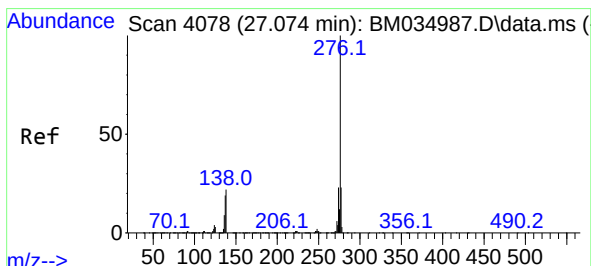
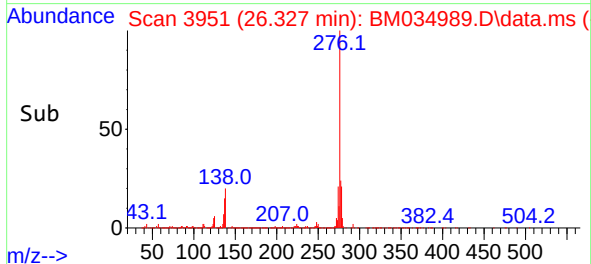
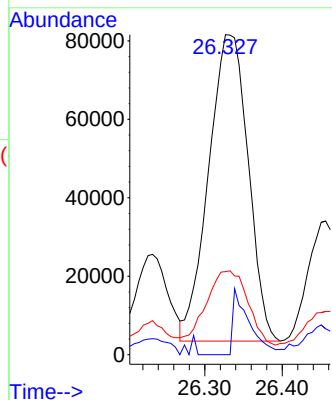
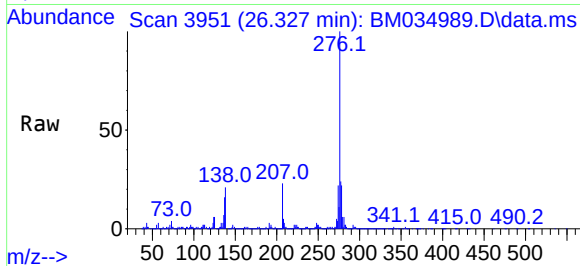
#95
Dibenzo(a,h)anthracene
Concen: 5.754 ng/ul
RT: 26.327 min Scan# 3953
Delta R.T. -0.012 min
Lab File: BM034989.D
Acq: 11 May 2022 17:31

Instrument :
BNA_M
ClientSampleId :
EW4A0

Tgt Ion:278 Resp: 276710
Ion Ratio Lower Upper
278 100
139 0.0 9.7 14.5
279 25.9 18.8 28.2

Manual Integrations
APPROVED

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



#96
Benzo(g,h,i)perylene
Concen: 17.881 ng/ul
RT: 27.085 min Scan# 4080
Delta R.T. 0.006 min
Lab File: BM034989.D
Acq: 11 May 2022 17:31

Tgt Ion:276 Resp: 833125
Ion Ratio Lower Upper
276 100
138 23.0 13.0 19.6
277 24.0 18.6 28.0

