

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051122\
 Data File : BM034996.D
 Acq On : 11 May 2022 21:45
 Operator : CG/JU
 Sample : N2603-11
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EW492

Manual Integrations
 APPROVED

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

Quant Time: May 12 03:30:44 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	195720	20.000	ng/u1	0.00
20) Naphthalene-d8	10.722	136	747319	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.551	164	408867	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.292	188	760823	20.000	ng/u1	0.00
79) Chrysene-d12	21.468	240	716840	20.000	ng/u1	0.00
88) Perylene-d12	23.856	264	802756	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.369	96	33091	7.073	ng/uL	0.00
4) Pyridine-d5	3.781	84	215221	16.690	ng/u1	0.00
7) Phenol-d5	7.087	99	563906	33.305	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.251	67	373345	35.130	ng/u1	0.00
11) 2-Chlorophenol-d4	7.451	132	511217	38.422	ng/u1	0.00
15) 4-Methylphenol-d8	8.628	113	430563	31.190	ng/u1	0.00
21) Nitrobenzene-d5	9.081	128	234794	40.992	ng/u1	0.00
24) 2-Nitrophenol-d4	9.804	143	260389	42.149	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.345	165	435290	37.649	ng/u1	0.00
31) 4-Chloroaniline-d4	10.857	131	314138	19.083	ng/u1	0.00
46) Dimethylphthalate-d6	13.963	166	1263137	40.964	ng/u1	0.00
49) Acenaphthylene-d8	14.245	160	1542374	39.420	ng/u1	0.00
54) 4-Nitrophenol-d4	14.739	143	188567	35.790	ng/u1	0.00
60) Fluorene-d10	15.545	176	1080896	41.550	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.657	200	150634	31.419	ng/u1	0.00
73) Anthracene-d10	17.392	188	1532117	41.391	ng/u1	0.00
81) Pyrene-d10	19.680	212	1771302	39.572	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.703	264	1928433	45.965	ng/u1	0.00
Target Compounds					Qvalue	
78) Di-n-butylphthalate	18.268	149	57049	1.209	ng/u1	97
80) Fluoranthene	19.345	202	118697	2.206	ng/u1#	93
82) Pyrene	19.709	202	112917	2.055	ng/u1	100
85) Benzo(a)anthracene	21.450	228	72933	1.566	ng/u1	95
87) Chrysene	21.503	228	93378	2.059	ng/u1	96
90) Benzo(b)fluoranthene	23.127	252	172654	3.202	ng/u1#	89
91) Benzo(k)fluoranthene	23.174	252	66229m	1.290	ng/u1	
93) Benzo(a)pyrene	23.750	252	114846	2.234	ng/u1#	86
94) Indeno(1,2,3-cd)pyrene	26.321	276	119956	2.040	ng/u1	97
96) Benzo(g,h,i)perylene	27.074	276	107109	2.193	ng/u1#	90

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

Manual Integrations

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Abundance

TIC: BM034996.D\data.ms

Time-->

1,4-Dioxane-d8,S

Pyridine-d5,S

Bis-(2-Chlorophenyl)-d8,S

Phenol-d5,S

2-Chlorophenol-d4,S

1,4-Dichlorobenzene-d4,I

4-Methylphenol-d8,S

Nitrobenzene-d5,S

2-Nitrophenol-d4,S

2,4-Dichlorophenol-d3,S

Naphthalene-d8,I

4-Chloroaniline-d4,S

Dimethylphthalate-d6,S

Acenaphthylene-d8,S

4-Nitrophenol-d4,S

Acenaphthene-d10,I

4,6-Dinitro-2-methylphenol-d2,S

Fluorene-d10,S

Anthracene-d10,S

Phenanthrene-d10,I

Di-n-butylphthalate

Fluoranthene

Pyrene

Chrysene-d12,I

Benzo(a)anthracene

Benzo(b)anthracene

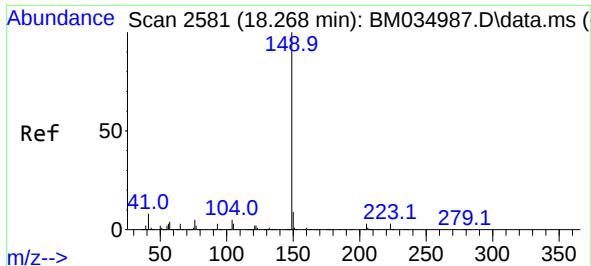
Benzo(k)anthracene

Benzo(a)pyrene-d12,S

Perylene-d12,I

Indeno(1,2,3-cd)pyrene

Benzo(g,h,i)perylene



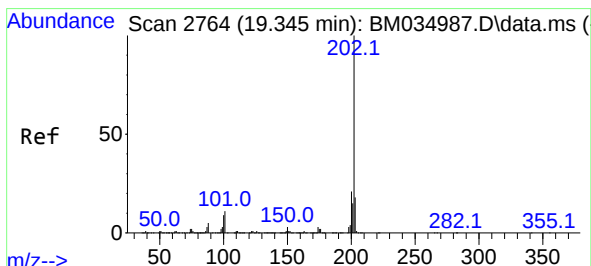
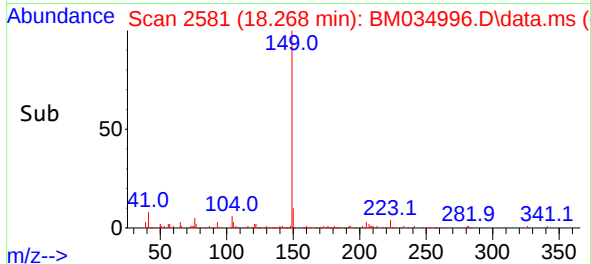
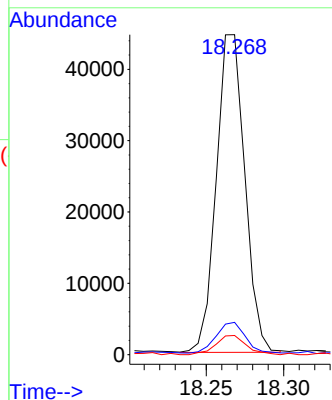
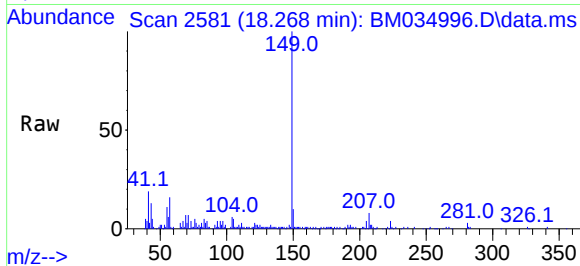
#78
Di-n-butylphthalate
Concen: 1.209 ng/ul
RT: 18.268 min Scan# 2581
Delta R.T. 0.000 min
Lab File: BM034996.D
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EW492

Tgt Ion:149 Resp: 57049
Ion Ratio Lower Upper
149 100
150 10.1 7.1 10.7
104 6.0 4.1 6.1

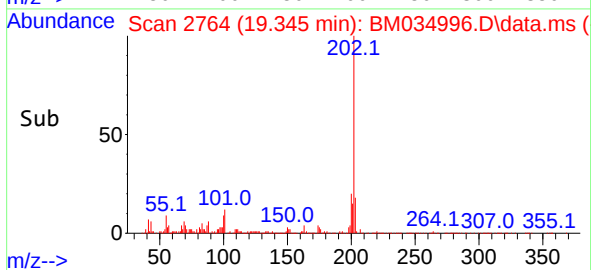
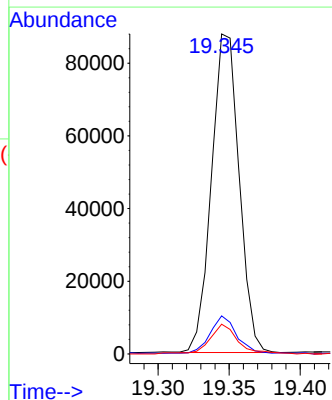
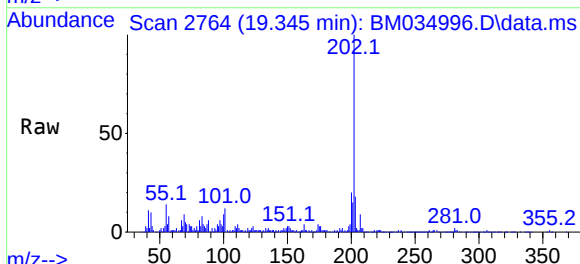
Manual Integrations
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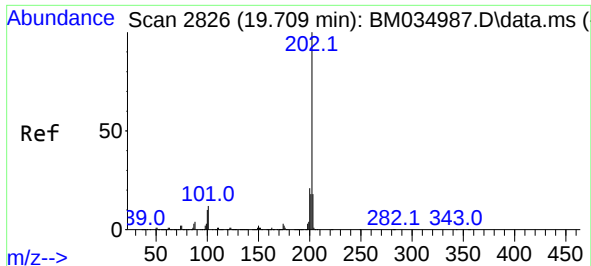
Reviewed By :Jagrut Upadhyay 05/12/2022
Supervised By :Yogesh Patel 05/17/2022



#80
Fluoranthene
Concen: 2.206 ng/ul
RT: 19.345 min Scan# 2764
Delta R.T. -0.006 min
Lab File: BM034996.D
Acq: 11 May 2022 21:45

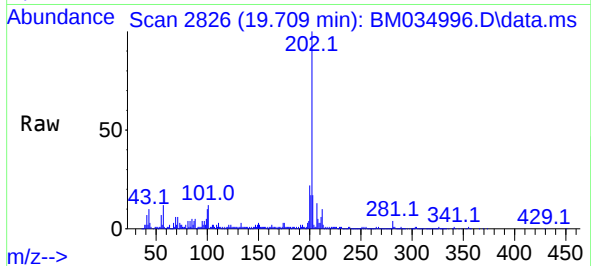
Tgt Ion:202 Resp: 118697
Ion Ratio Lower Upper
202 100
101 11.9 7.4 11.2#
100 9.3 5.8 8.6#





#82
Pyrene
Concen: 2.055 ng/u1
RT: 19.709 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM034996.D
Acq: 11 May 2022 21:45

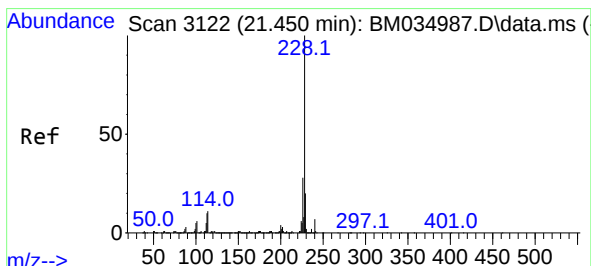
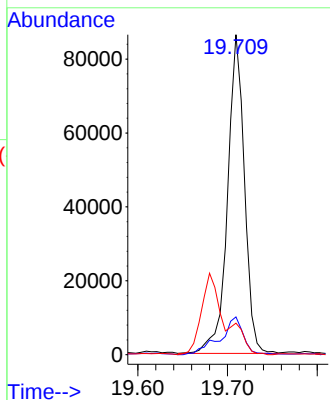
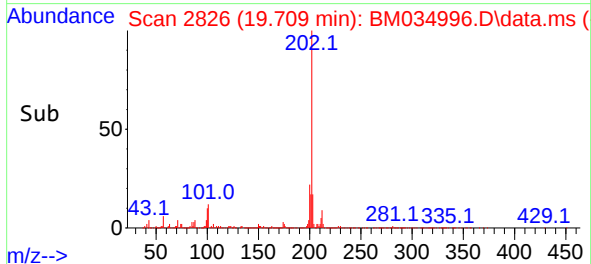
Instrument :
BNA_M
ClientSampleId :
EW492



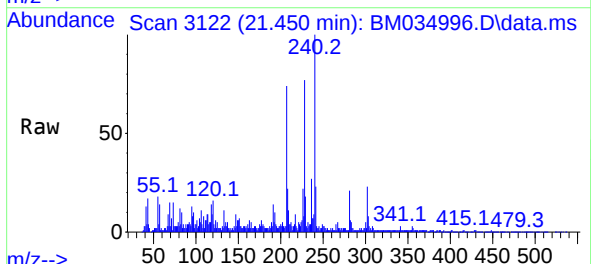
Tgt Ion:202 Resp: 11291
Ion Ratio Lower Upper
202 100
101 11.8 9.4 14.0
100 9.8 7.8 11.6

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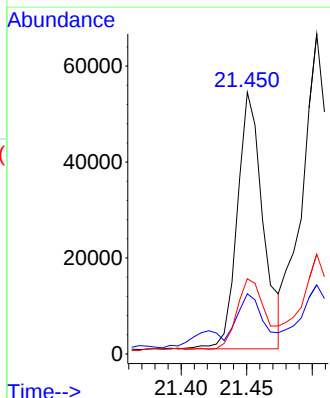
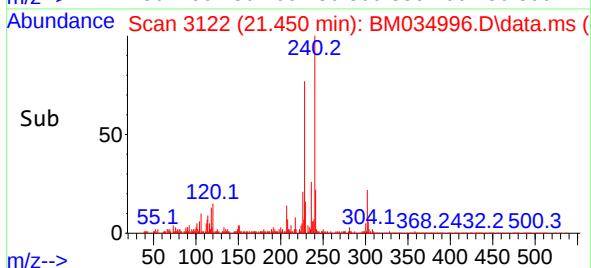
Reviewed By :Jagrut Upadhyay 05/12/2022
Supervised By :Yogesh Patel 05/17/2022

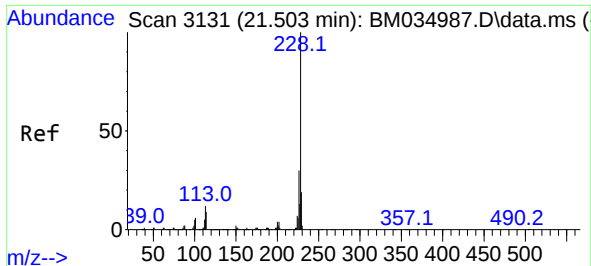


#85
Benzo(a)anthracene
Concen: 1.566 ng/u1
RT: 21.450 min Scan# 3122
Delta R.T. -0.006 min
Lab File: BM034996.D
Acq: 11 May 2022 21:45



Tgt Ion:228 Resp: 72933
Ion Ratio Lower Upper
228 100
229 23.0 15.4 23.0
226 28.7 21.7 32.5





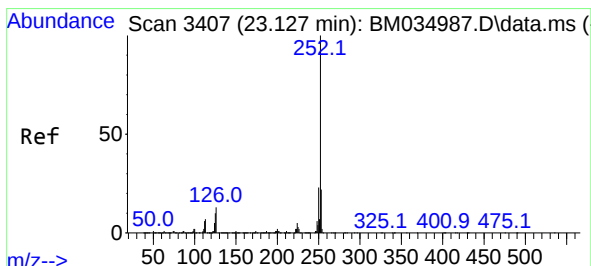
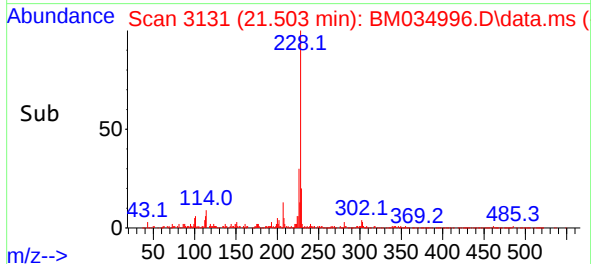
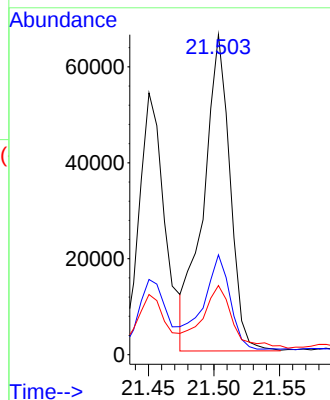
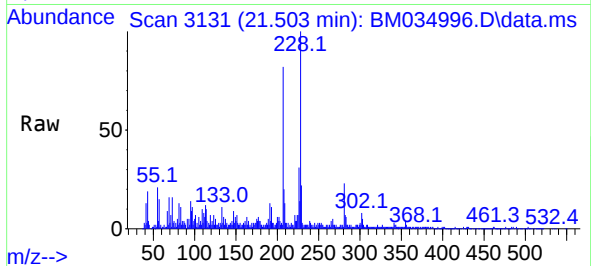
#87
Chrysene
Concen: 2.059 ng/u1
RT: 21.503 min Scan# 3131
Delta R.T. -0.006 min
Lab File: BM034996.D
Acq: 11 May 2022 21:45

Instrument :
BNA_M
ClientSampleId :
EW492

Tgt Ion:228 Resp: 93378
Ion Ratio Lower Upper
228 100
226 31.2 23.7 35.5
229 21.6 15.7 23.5

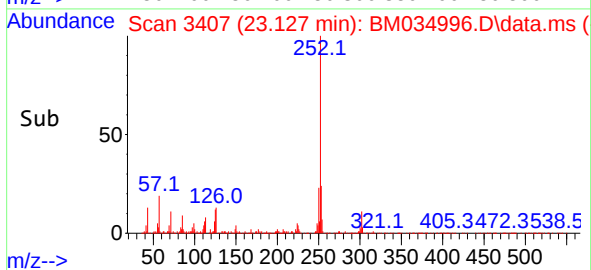
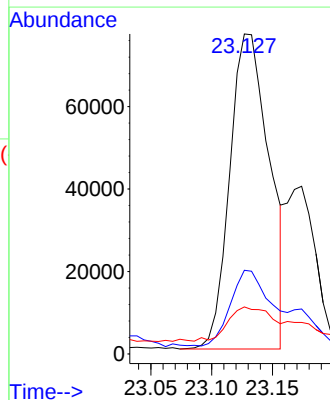
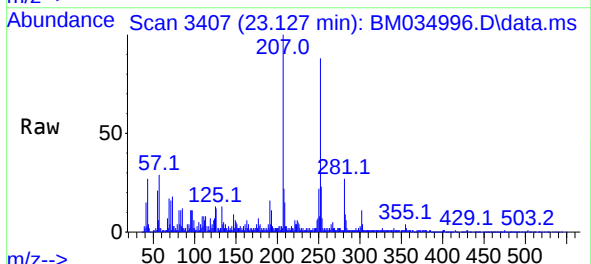
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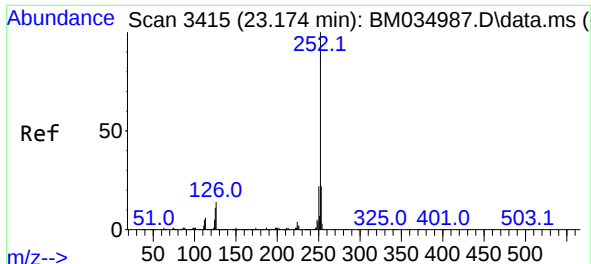
Reviewed By :Jagrut Upadhyay 05/12/2022
Supervised By :Yogesh Patel 05/17/2022



#90
Benzo(b)fluoranthene
Concen: 3.202 ng/u1
RT: 23.127 min Scan# 3407
Delta R.T. -0.006 min
Lab File: BM034996.D
Acq: 11 May 2022 21:45

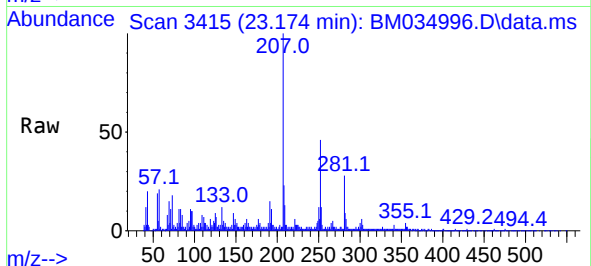
Tgt Ion:252 Resp: 172654
Ion Ratio Lower Upper
252 100
253 26.1 17.4 26.0#
125 14.7 7.6 11.4#





#91
Benzo(k)fluoranthene
Concen: 1.290 ng/ul m
RT: 23.174 min Scan# 3415
Delta R.T. -0.006 min
Lab File: BM034996.D
Acq: 11 May 2022 21:45

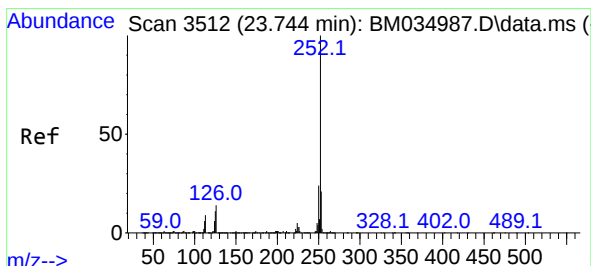
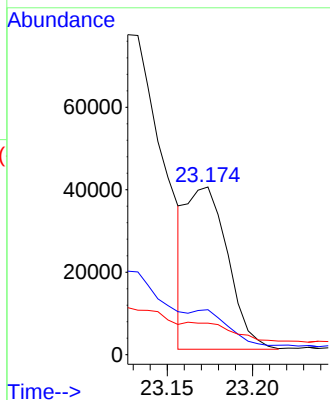
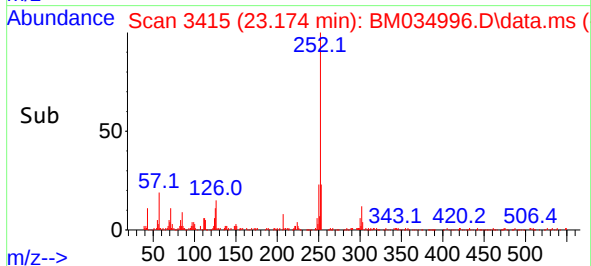
Instrument : BNA_M
ClientSampleId : EW492



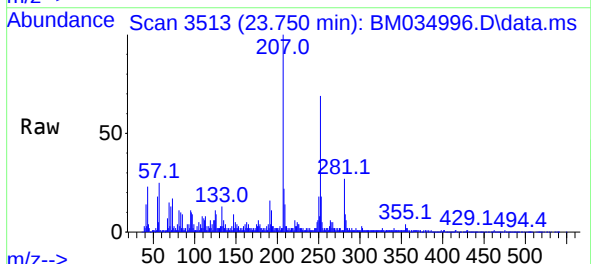
Tgt Ion:252 Resp: 66229
Ion Ratio Lower Upper
252 100
253 26.8 17.4 26.2
125 18.8 7.8 11.6

Manual Integrations
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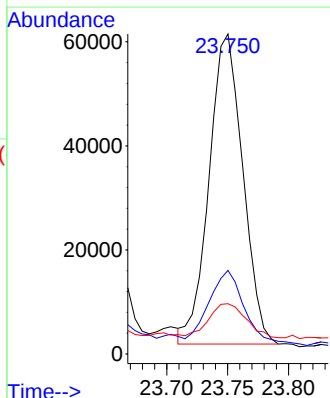
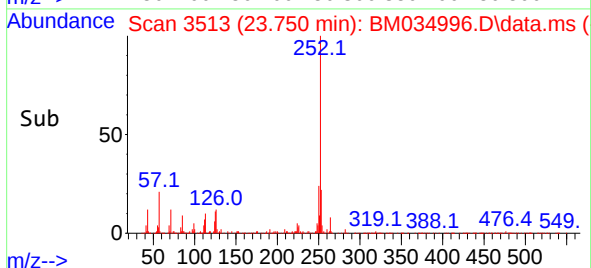
Reviewed By :Jagrut Upadhyay 05/12/2022
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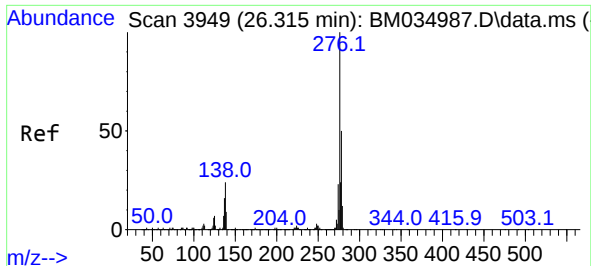


#93
Benzo(a)pyrene
Concen: 2.234 ng/ul
RT: 23.750 min Scan# 3513
Delta R.T. 0.000 min
Lab File: BM034996.D
Acq: 11 May 2022 21:45



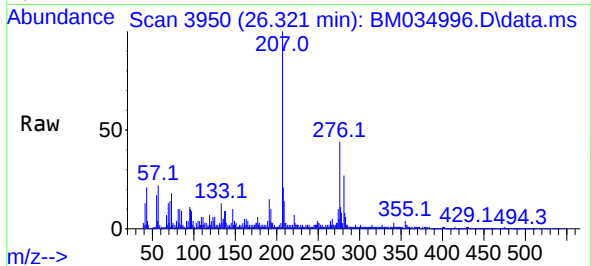
Tgt Ion:252 Resp: 114846
Ion Ratio Lower Upper
252 100
253 26.1 16.6 25.0#
125 15.7 6.2 9.2#





#94
Indeno(1,2,3-cd)pyrene
Concen: 2.040 ng/ul
RT: 26.321 min Scan# 3949
Delta R.T. -0.006 min
Lab File: BM034996.D
Acq: 11 May 2022 21:45

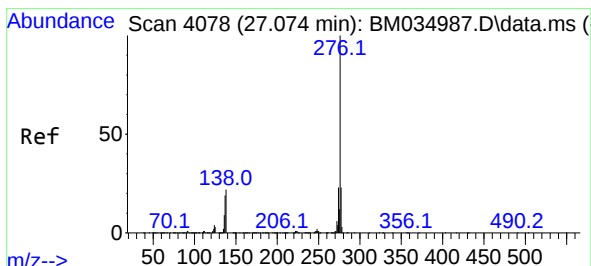
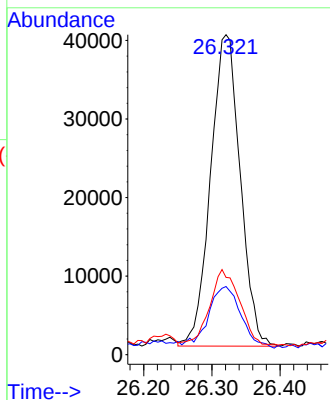
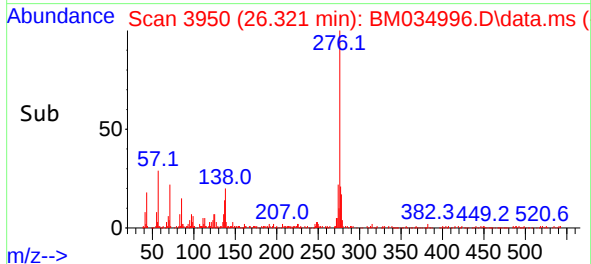
Instrument :
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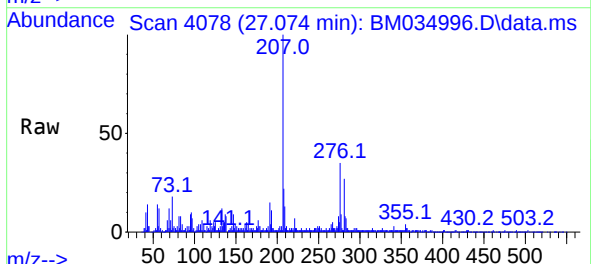
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Ion Ratio Lower Upper
276 100
138 21.3 15.3 22.9
277 24.2 19.6 29.4

Manual Integrations
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#96
Benzo(g,h,i)perylene
Concen: 2.193 ng/ul
RT: 27.074 min Scan# 4078
Delta R.T. -0.006 min
Lab File: BM034996.D
Acq: 11 May 2022 21:45



Tgt Ion:276 Resp: 107109
Ion Ratio Lower Upper
276 100
138 22.1 13.0 19.6#
277 27.2 18.6 28.0

